

464

January 2018

# Scramble



DUTCH AVIATION SOCIETY



This Twin-Otter was built in 2014 by Viking Air, the Canadian company who purchased the certificates for all out-of-production aircrafts of de Havilland Canada Aircraft from DHC-1 to DHC-7. DHC-6-400 JA202D was delivered to Japanese operator First Flying on 21 March 2015. (Naha Okinawa, 1 December 2017, Paul Betten)



After flying nineteen years for Qantas, B767 B-6996 was converted to freighter in Singapore in 2015. Since June 2016 Chinese cargo airline SF Airlines is the owner. (Beijing, 17 September 2017, Aad Rehorst)



Jin Air is a Korean low-cost airline operating the B737 and B777 on several domestic and international destinations. One of the international destinations is Honolulu. Seen here is a former Korean Air B777 HL7750. (Honolulu (HI), 20 November 2017, Walter Heukensfeld)

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## Editorial

The Scramble editorial team wishes all of its readers and contributors a very happy New Year, with lots of good health, fortune and of course exotic, special and unique aircraft!

This month all our sections are accounted for and for the first time in a long while no articles! But still it contains enough 112 pages of reading pleasure for the, so far, mild winter.

For those of you who follow our social media (Facebook and Twitter) you may have seen a remarkable increase in our activity. This is to expand our presence on the world wide web even more than we already do, by giving you all the latest civil and military aviation news that flows about on the web. For a volunteer organisation we try our best to stay as up-to-date as possible, but at times we will not be able to keep that level up, as other commitments come in the way. We do not want to copy the mainstream media as we try as much as possible to generate news in a way that you can expect from Scramble. We are always on the look-out for 'hot news', also for Facebook and Twitter, and you can always get in touch with the editorial team for this.

Starting this year we have increased our P&P rates, due to PostNL (one of the Dutch parcel companies) having raised their tariffs.

We have started with the preparations for the SWAF and SMS Europe, and also for the EMOOS (European Military Out Of Service). For both the SWAF and SMS we are looking for pictures for the covers, so if you have something that really catches the eye we would love to see it! You can send it to the respective email address for pictures, with the tag SWAF or SMS.

## Cover Photo



22 November 2017 was the date at which the final chapter was written about the Italian Air Force Br1150 "Atlantic"-fleet. On this day, the last airworthy aircraft, MM40118/41-03, left her home base Sigonella, and flew her last mission. The aircraft was transferred to Pratica di Mare where she's going to be disassembled and then transferred to the Air Force Museum at Vigna di Valle to be placed on permanent display. (Sigonella, 15 November 2017, Mauro Finati)

## Important dates

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<b>Scramble Military Transports 2017</b>	<b>87</b> pages
<b>BARG DVD3</b>	

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# Movements Netherlands



Boeing 737 EI-FVM arrived at Oslo from the US on the morning of the 22 March 2017 and by the afternoon it was transformed from a bland standard aircraft into an advertising billboard. (Amsterdam - Schiphol, 5 November 2017, Joost de Wit)

## Amsterdam

Addition			September 2017
26.A7-BEG	B777-3DZER	Qatar Airways	f/v QTR273/4
November 2017			
01.2-MSTG	Ce510	Oceanskies	03
9H-MSL	Falcon 50	Skyfree	f/v 03 KFE221
A6-FDF	B737-8KN	Flydubai	dep
CS-TFR	Lj45	Omni Air	05 OAV304
D-AGPH	Fokker 100	Avanti Air	02 ATV011G/101G
D-AHOI	ERJ135BJ	Air Hamburg	04 AHO114Z/669S
D-CTWO	Lj35A	Air Alliance Express	AYY108
EI-FVV	B737-8JP	Norwegian	f/v IBK3540/1
G-HCSA	Ce525A	Bookajet	dep BOO911
LX-VMF	Ce560XL	Luxaviation	13 LXA15P
M-AKAL	CL-604	A&A Aviation	f/v
N85NV	G-V	Exec. Jet Management	dep EJM85
N200ES	G650ER	Earth Star	f/v 03
N240LG	Falcon 900EX	Liberty Global	dep
N240LG	Falcon 900EX	Liberty Global	19
N860AA	G550	ALA Services	dep
N920CL	Ce680A	Textron Aviation	f/v
N3788B	G550	Jet Aviation	dep JAS71
OE-FBD	Ce510	GlobeAir	02 GAC13F/951F
OE-FWF	Ce510	GlobeAir	02 GAC951E/149P
TC-KHG	G550	Korvez	dep
TC-REC	G450	REC Aviation	03
YU-MPC	Ce525	MPC Holding	dep
02.D-AINI	A320-271N	Lufthansa	f/v 03 DLH1002/999
D-CFIV	Lj35A	Air Alliance Express	AYY118
D-IGWT	Ce525A	Sylt Air	AWU702
D-ISCH	Ce525A	G Schubert	03
EI-FVR	B737-8JP	Norwegian	f/v IBK476/7
G-FBKE	Ce510	Wijet	03 BKK5E
N486RW	G550	Coca Cola	f/v 03
N900RL	G-IV	Pegasus Elite Aviation	03 PEG90
OO-XLS	Ce560XLS+	Air Service Liège	06
OY-GFS	Falcon 2000LX	Air Alsie	MMD4352
PH-HSK	B737-8K2	Sun Country Airlines	dep TRA051
03.D-AGPH	Fokker 100	Avanti Air	06 ATV102G/TAY507P
D-CPMI	Ce560XLS+	Papier-Mettler	
D-ITAN	Ce525	Transavia Flug	
D-IZMM	Ce510	AeroOPS	f/v 05
G-DHKI	B757-28AF	DHL Cargo	f/v BCS898P/1391
G-HARG	EMB550	Centreline Air Charter	CLF837
LX-JFY	PC-12/47E	Jeffly Aviation	04 JFA16B/22V
N901SG	G-V	TVPX ARS	f/v
N939FD	B757-23AF	FedEx	f/v 06 FDX5188/7
OE-FBD	Ce510	GlobeAir	dep GAC219R
OE-LCG	A321-211	Eurowings (BER c/s)	f/v EWG1834/5
PH-GUU	B737-8EH	GOL	dep

SP-AST	Ce525	AMC Aviation	06 AMQ9T
04.A7-MAA	C-17A	12sq	f/v 07 LHOB240
9H-TJG	B737-86J	Corendon Europe	f/v CAI26/20
9H-TQM	A340-313X	Hi Fly Malta	SLM3003/993
G-HCSA	Ce525A	Bookajet	07 BOO911
N107TD	G-IVSP	Indianapolis Colts	f/v 05
N551TG	G550	MSG Aircraft	08
OE-ITH	CL-604	Air Independence	07
OE-FIT	Ce510	GlobeAir	f/v GAC235D/013G
05.A7-MAM	C-17A	12sq	f/v 07LHOB241
A6-BLR	B787-9	Etihad Airways	f/v ETD77/8
D-BEER	EMB550	Air Hamburg	AHO736S
D-CRON	Ce560XLS	Silver Cloud Air	06 SCR762
D-IGWT	Ce525A	Sylt Air	06 AWU705/6
D-ITAN	Ce525	Transavia Flug	
EI-FHG	B737-86N	Norwegian	div IBK5370
EI-FVM	B737-8JP	Norwegian	f/v IBK476/7
HB-IAU	Falcon 2000EX	Cat Aviation	CAZ501/2
M-SETT	Global 5000	Lodging 2020	07
N918E	G450	Taylor-Listug	07
VP-BKQ	A321-211	Aeroflot	f/v AFL2694/5
VQ-BUD	B777-2Q8ER	Nordwind Airlines	13 NWS9801/2
06.V-11	G-IV	334sq	NAF11
D-CRON	Ce560XLS	Silver Cloud Air	SCR762
D-IAAW	EMB500	Arcus Air	07 AZE52P
EI-GDI	B737-800	Ryanair	f/v RYR2998/9
G-GDFV	B737-85F	Jet 2	09 EXS031E
M-NTOS	Ce525C	Selementos	08
N904DS	Global Express	Dan Snyder	
N933EY	Global 6000	Exec. Jet Management	08 EJM963
OK-FTR	Ce510	CTR Flight Services	
VP-BKR	A321-211	Aeroflot	f/v AFL2694/5
VP-BZL	B737-8DV	Jet Aviation	08
07.9H-CLG	CL-850	Air X Charter	AXY711/2
9H-OWL	CL-605	TAG Aviation Malta	TEU1
A7-BAJ	B777-3DZER	Qatar Airways	f/v QTR273/4
C-GMCP	Lj45	Skyservice	08
D-CHIC	EMB505	Air Hamburg	AHO372K
D-IDAZ	Ce525	DAS Private Jets	08
D-IGWT	Ce525A	Sylt Air	AWU707
EI-DVH	A320-214	Aer Lingus	EIN602/991
G-HCSA	Ce525A	Bookajet	08
G-JAGA	EMB505	Luxaviation (UK)	LNx23JG
G-OPRM	CL-604	Zenith Aviation	11 BZE3
HB-IVJ	G200	Execujet Europe	09 VCN1
JY-GRP	CL-604	Arab Wings	f/v AWS801
M-SPEK	Beech 350	Specsavers Aviation	SSZ9A/B
N142JS	Falcon 2000LX	Sankey Air	f/v 09
N305DL	CL-350	PNC Financial Services	f/v 08
N515TJ	Beech 400A	Blackburn Int'l	22
ZS-TDF	Global 6000	Fireblade Aviation	08 OPM002
08.9H-JOY	CRJ200ER	Air X Charter	AXY821/2

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C-FEMT	Lj36A	Fox Flight	11	F-GVZD	ATR42-500	HOP!	f/v AFR1030/1129
CS-TFR	Lj45	Omni Air	13 OAV304	G-DHKA	B757-23NF	DHL Cargo	f/v 12 BCS1238/9
D-CFIV	Lj35A	Air Alliance Express	AYY118	G-SHUI	Ce680A	Air Charter Scotl.	f/v 20 EDC054R/5R
D-CHGS	EMB505	Air Alliance Express	09	N887TM	G550	Airflite	dep
D-IEKU	Ce525A	Ohlair	ECA2C	OK-IMO	Beech 400A	Queen Air	13 AQS232
D-IEKU	Ce525A	Ohlair	10 ECA2C	OY-JSW	Ce525A	FlexFlight	
D-IGWT	Ce525A	Sylt Air	AWU708	PH-EXR	ERJ175STD	KLM Cityhopper	del KLM9968
G-HCSA	Ce525A	Bookajet	09 BOO790	PH-HSI	B737-8K2	Transavia (Peter Pan c/s)	f/f TRA1996
M-DMBP	Lj40	Ven Air		SP-NVM	G280	AMC Aviation	15 AMQ1M
M-OVIE	G650	Hampshire Aviation		YU-SCJ	Ce525	Prince Aviation	f/v PNC9CJ
N264C	Falcon 900LX	Int'l Aviation Holdings	25	12.9H-VCL	CL-350	VistaJet Malta	13 VJT417
OE-IEW	A320-214	Eurowings	f/v EWG1834/5	D-IMAX	Ce525A	Sylt Air	AWU912
OE-IVO	A320-214	easyJet	f/v EZY4891/2	G-EUUF	A320-232	British Airways	13 BAW438/441
OK-JFA	Beech 400XT	Time Air	f/v TIE680J	G-POWH	B757-256	Titan Airways	13 AWC819W/251
OO-AMR	Ce525A	Air Service Liège		HB-JSM	Falcon 7X	JABJ	13
OO-GHE	Falcon 2000LX	Abelag Aviation		LX-JFU	PC-12/47E	Jetfly Aviation	JFA04A/44M
09.V-11	G-IV	334sq	10 NAF11	M-NTOS	Ce525C	Selementos	15
CN-NMM	A320-214	Air Arabia Maroc	f/v MAC127/8	N41GJ	Lj36A	Maritime Sales & Leasing	f/v 13
D-AHOI	ERJ135BJ	Air Hamburg	AHO674L	N70EL	G550	Enterprise Rent-a-Car	f/v 16
D-CAAA	Ce560XLS+	DC Aviation	f/v 10 DCS701	N88EL	Raytheon 390	SCL Security	f/v
D-IAAD	EMB500	Arcus Air	AZE98P	N707FJ	Falcon 900	Exxaero	f/v 16
EI-FJA	B737-8JP	Norwegian	f/v IBK3540/1	OE-GBE	IAI1125A	Tyrol Air Ambulance	TYW431/3
EI-GDK	B737-800	Ryanair	f/v RYR3102/3	OH-WIC	CL-604	Jetflite	14 JEF11
EI-GDM	B737-800	Ryanair	f/v RYR2998/9	OK-SWT	B737-7Q8	Smartwings	ADR498/9
G-DHKD	B757-23NF	DHL Cargo	f/v BCS898P/1391	TC-ACG	B747-481(F)	Saudia	div SVA917/8
G-FBKH	Ce510	Wijet	BKK08H	13.V-11	G-IV	334sq	14 NAF11
M-SEVN	CL-605	Persimmon Trading		9H-VCH	CL-350	VistaJet Malta	15 VJT479
N105BK	Falcon 900	Banker Aviation	dep	9H-YOU	CL-850	Air X Charter	14 AXY1304/1403
N447TR	G550	Travelers Indemnity	f/v	A6-ETJ	B777-3FXER	Etiihad Airways	f/v ETD77/8
OK-IMO	Beech 400A	Queen Air	AQS227/232	D-AFAA	CL-604	FAI Airservice	f/v 14 IFA1837
OO-PRM	Ce510	Air Service Liège		D-IADV	Ce551	MCH Holdings	
PH-HSW	B737-8K2	Sun Country Airlines	dep TRA051	D-IAKN	Ce525A	Star Wings	STQ111
SP-EAR	Ce680	Blue Jet	JDI90W	D-ISAR	Raytheon 390	Euroflug Frenzel	14
ZS-TDF	Global 6000	Fireblade Aviation	OPM002	F-HMOD	Falcon 7X	Shell Aircraft	f/v 15 SHE45X
10.V-11	G-IV	334sq	NAF10	G-HCSA	Ce525A	Bookajet	20 BOO477/270
D-AAHB	Global Express	MHS Aviation	11 MHV1B	HB-FWG	PC-12/47E	Share Plane	16
D-CHRE	Ce680	Hahn Air	HHN909	LX-VMF	Ce560XL	Luxaviation	23 LXA15P
D-IMAX	Ce525A	Sylt Air	11 AWU910/1	N1FE	Global Express	FedEx Express	15
D-IPVD	Ce525A	Transavia Flug		N36GV	G-V	Gama Charters	14
EI-FVW	B737-8JP	Norwegian	f/v IBK3540/1	N56EL	G450	Enterprise Rent-a-Car	15
EI-GAM	A320-214	Aer Lingus	f/v EIN608/9	N625SC	Global 5000	Stryker	15
G-CIXW	ERJ170LR	Eastern Airways (a/w)	EZE9780/780P	N628BD	G-V	Hewlett Packard	14
G-HCSA	Ce525A	Bookajet	13 BOO790/477	N728EC	G550	Chouest Air	15
G-POWC	B737-33AQC	Titan Airways	AWC241/824W	N900FZ	TBM-900	Redwood	14
HB-FVW	PC-12/47E	AMAC Corporate Jet	f/v 11	OE-FHK	Ce510	GlobeAir	GAC424T/201V
LX-JFY	PC-12/47E	Jetfly Aviation	11 JFA43M/56A	OE-GPL	EMB505	Speedwings	14 SPG901
OK-MYS	Ce510	Aeropartner	DFC141P	VQ-BSN	Falcon 7X	Shell Aircraft	15 SHE89N
OO-PRM	Ce510	Air Service Liège	13	VQ-BSP	Falcon 7X	Shell Aircraft	15 SHE76P
T7-ACA	Ce525	Rapid Aviation	f/v	14.2-AERA	B777-28EER	Ukraine Int'l	f/v arr
11.D-CHRE	Ce680	Hahn Air	HHN909	CS-TFR	Lj45	Omni Air	15 OAV304



Built in 2015 with factory registration F-WWQF this Falcon 8X was transferred to the US-based company as N406EX in December 2016. In August 2017 the aircraft was delivered to Monte Cristalina Participações S.A. as PR-JQF. Monte Cristalina S.A. is a holding company based in São Paulo controlled by João Alves de Queiroz Filho. (Amsterdam - Schiphol, 19 November 2017, Pino Tome)

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Qatar Airways took delivery of this Boeing 777 in March 2009. In 2012 Qatar Airways signed a deal with FC Barcelona as shirt sponsor. In the summer of 2017 this was taken over by a Japanese company, although Qatar remained to be the official airline partner. This deal ended in September 2017. A7-BAE was repainted in this FC Barcelona colours in February 2014. (Amsterdam - Schiphol, 5 November 2017, Robert Elkelenboom)

D-IADV	Ce551	MCH Holdings		OK-BEE	Beech 400A	JetBee	JBC604C/D
D-IAKN	Ce525A	Star Wings	STQ111	OO-FPE	Ce525B	Flying Service	FYG65R/61R
D-IMAX	Ce525A	Sylt Air	AWU914	OO-JLO	B737-8K5	TUI Belgium	TFL092P/531
EI-GDN	B737-8AS	Ryanair	f/v RYR3104/5	OO-JLO	B737-8K5	TUI Belgium	17 TFL532/1003
F-HBZA	Ce550	Valljet	VLJ520	OY-PPS	PA-34-220T	Per Jensen	
F-HSHB	Ce510	Flybox		17.9H-BOO	CL-850	Air X Charter	AXY1717/8
G-VYGM	A330-243	AirTanker (a/w)	arr TFL92P	9H-VCC	CL-350	VistaJet Malta	18 VJT425
HB-VHV	BAe125-800B	CAT Aviation	CAZ201/2	CS-TFR	Lj45	Omni Air	OAV304
I-FVAB	Ce525	Italfly	f/v ITL601	CS-TFV	CL-300	Omni Air	OAV301
I-TARH	Falcon 900EX	CAI	f/v CPI141	D-ALIL	Falcon 7X	Aero-Dienst	ADN34T
N59JE	G-V	Talon Air	f/v 16 TFF980	D-CDAS	EMB505	DAS Private Jets	
N524EA	G650ER	Landmark Aviation	16	D-CJET	Ce525B	Air Hamburg	18 AHO377D
OE-GBE	IAI1125A	Tyrol Air Ambulance	15 TYW315/4	D-IMAX	Ce525A	Sylt Air	AWU917
OE-GPL	EMB505	Speedwings	SPG901	D-ISAR	Raytheon 390	Euroflug Frenzel	
OE-HPG	CL-300	Laudamotion	LDM11C	EI-FPT	CRJ900	Scandinavian	f/v SAS1553/556
OE-LCJ	A321-211	Eurowings (BER c/s)	f/v EWG1834/5	F-HRAM	ERJ145LU	Aero4M (a/w) f/v	HOP8204/AFR1557
OO-XLS	Ce560XLS+	Air Service Liège	20	F-HRAM	ERJ145LU	Aero4M (a/w)	AFR1556/1031
S5-SAD	Global 6000	Elit'Avia	EAV32D	G-DHKX	B757-23APF	DHL Cargo	f/v BCS898P/1391
15.ZA675	Chinook HC4	18(B)sq	16 RFR7204/5	G-GMAA	Lj45	Gama Aviation	GMA209
8P-ASD	G650ER	ALN Bermuda	f/v 17	M-SNER	Falcon 2000LX	Wincor Aviation	
B-18910	A350-941	China Airlines	f/v CAL073/4	N570BY	G400	Lord & Taylor Acquisitions	
D-CAHO	Ce560XLS+	Air Hamburg	16 AHO638R	N707FJ	Falcon 900	Exxaero	
D-CDAS	EMB505	DAS Private Jets	16	OE-IFD	B747-4B5ERF	ASL Airlines	19 TAY915E
D-ISAR	Raytheon 390	Euroflug Frenzel		OO-GMJ	Beech 350	Air Service Liège	
D-ITAN	Ce525	Transavia Flug		OO-JLO	B737-8K5	TUI Belgium	TFL576/093P
G-DHKJ	B757-28AF	DHL Cargo	f/v BCS898P/1391	OY-GEF	Beech B200GT	Lars Thrane	18
G-GMAA	Lj45	Gama Aviation	GMA674/871	RA-67218	CL-850	MBK-S	f/v 19 PLG9001
G-POWH	B757-256	Titan Airways	AWC8252/825W	SE-RIZ	Ce560XLS	H-Bird Aviation Services	ETI717T
G-SCCA	Ce510	Gama Aviation	f/v 16 GMA804	VP-BCF	B737-8LJ	Aeroflot	f/v AFL2192/3
HB-IAU	Falcon 2000EX	Cat Aviation	CAZ501/2	18.D-CAHO	Ce560XLS+	Air Hamburg	AHO699B
HB-JSU	Falcon 900DX	IJM	IJM612	D-CJET	Ce525B	Air Hamburg	19 AHO377D/679N
M-MSVI	Ce525B	J. P. M.	f/v	D-IEKU	Ce525A	Ohlair	19 ECA2C
N150GA	G150	Gulfstream	f/v 16	D-ICSH	EMB500	ICSH	f/v 19
N269WR	G-IVSP	Westgate Aviation	16 PRD69	G-EZWJ	A320-214	easyJet	div 20 EZY6966/1352
N887WM	Global XRS	Mente	f/v 16	HB-VPG	EMB505	JABJ	20 PJS701
N900LY	G-V	Lyon Aviation	f/v 16	N887TM	G550	Airflite	30
OE-FZA	Ce510	GlobeAir	GAC541T/424U	19.9H-OWL	CL-605	TAG Aviation Malta	
OE-IVB	A320-214	easyJet	f/v EZY8875/6	CS-TFR	Lj45	Omni Air	26 OAV304
OK-BEE	Beech 400A	JetBee	JBC604A/B	CS-TFV	CL-300	Omni Air	22 OAV301
OK-VIP	PA-46-500TP	ROTO Group	f/v 16	F-HEPJ	A320-214	Air France	f/v AFR1340/1
OO-HHO	Falcon 8X	Luxaviation Belgium	f/v 16 AAB772	LX-LMF	Falcon 7X	Global Jet Luxembourg	20 SVW36MF
OY-APM	G450	Maersk Air	16	N28R	Falcon 2000	WKC	22
TC-TOS	Falcon 2000S	Tosyali	16	N902MY	Global 5000	MP Air	21
16.9H-VCA	CL-350	VistaJet Malta	VJT401	OO-GMJ	Beech 350	Air Service Liège	
9H-VFI	CL-605	VistaJet Malta	f/v 17 VJT525	PR-JQF	Falcon 8X	Monte Cristalina Participações	f/v 21
D-AIWB	A320-214	Lufthansa	f/v DLH2304/5	20.9H-VCC	CL-350	VistaJet Malta	22 VJT425
G-USAR	Ce441	Igor Annenskiy		A7-BAG	B777-3DZER	Qatar Airways	f/v QTR273/4
M-EVAN	CL-300	Marcus Evans	18	D-IANA	Beech B200	eurolink	
N112MY	Global 6000	MP Air	17	G-FLBK	Ce510	Wijet	21BKK4D
N721UF	B737-7BC	Fertitta Entertainment		G-HCSA	Ce525A	Bookajet	29 BOO270/172
OE-FZC	Ce510	GlobeAir	GAC763R/541U	I-FXRI	P180	K-Air	FXR181
OE-IVJ	A320-214	easyJet	f/v EZY2725/6	N240LG	Falcon 900EX	Liberty Global	

N860AA	G550	ALA Services	22	OE-IOE	Falcon 900EX	IJM	f/v IJM599
OE-GBE	IAI1125A	Tyrol Air Ambulance	TYW315/6	OH-LZR	A321-231	Finnair	f/v FIN1305/6
TC-TSY	Ce560XLS+	Veyen Private Jet		VP-BNF	G550	Globus	
21.2-LIFE	Eclipse 500	Brigitte Vonk	23	VP-CBY	Falcon 7X	Wallen Global	f/v
9H-KAZ	BAe125-900XP	Hyperion Aviation	HYP005	25.9H-FOM	EMB500	Luxwing	27 LWG502/591
D-CESA	Ce550	Euro Link		D-CHRE	Ce680	Hahn Air	HHN40E
D-CHRE	Ce680	Hahn Air	HHN40E	D-INDY	Eclipse 500	Ralf Schumacher	
D-CKJE	EMB505	Luxaviation Germany	LXG55JE	F-GTKJ	Beech 1900D	Twin Jet	TJT781B/062P
D-IFER	Ce510	Ellerhold Grossplakate	f/v 22	HB-JCD	CS300	Swiss	f/v SWR734/5
G-FLBK	Ce510	Wijet	BKK4D	LX-VMF	Ce560XL	Luxaviation	arr LXA15P
M-JJTL	PC-12/47E	JJTL Partners	22 XCH265U	N512MM	PA-46-500TP	N.S. Mueller	f/v 26
M-NTOS	Ce525C	Selementos		OE-HPH	Falcon 2000	Goldeck-Flug	27 GDK25PH/27PH
M-SPEC	Beech 350	Specsavers Aviation	SSZ9A/B	OO-GMJ	Beech 350	Air Service Liège	
OE-FZE	Ce510	GlobeAir	GAC789R/654D	VP-BFH	A320-214	Aeroflot	f/v AFL2694/5
OE-IVL	A320-214	easyJet	f/v EZY8875/6	26.D-INO	Ce525A	Atlas Air Service	ATL3Z
VQ-BMV	A330-343E	Aeroflot	f/v AFL2550/1	D-IWIR	Ce525A	Ohlair	27 ECA4C
22.02	C-37B	USCG Washington	f/v CG202	M-SETT	Global 5000	Lodging 2020	27
4K-LAR	G450	SW Business Aviation	f/v ESW450	OE-FPP	Ce510	GlobeAir	GAC722F/487M
9H-KAZ	BAe125-900XP	Hyperion Aviation	HYP005	OE-IJR	A320-214	easyJet	f/v EZY8883/2
9H-VFI	CL-605	VistaJet Malta	23 VJT525	OE-LXA	A320-216	Austrian	f/v AUA373/4
CS-DTP	Falcon 900B	Omni	f/v 24 OAV302	OE-LXE	A320-216	Austrian	f/v 27 AUA377/8
D-CAWM	Ce560XLS+	Aerowest		OK-TVO	B737-8CX	Travel Service	AIZ513/4
D-CPRS	Beech 350	Star Wings	23 STQ33A	OY-JJH	Do328-310	Joinjet	f/v 28 SUS713/9003
EC-MRR	Falcon 2000LX	Gestair	f/v GES141/2	27.9H-FOM	EMB500	Luxwing	29 LWG502/1
F-HERE	Ce510	Wijet	BKK12L	9H-VFI	CL-605	VistaJet Malta	28 VJT525
G-OAUR	Do228-212NG	Aurigny Air Services	dep	9H-VJH	Global 6000	VistaJet Malta	VJT804
G-YMKH	ERJ135BJ	TAG Aviation (UK)		A6-ETA	B777-3FXER	Ethiad Airways	f/v ETD77/8
LN-STB	CL-350	Sundt Air	MDT5	D-AUTO	G550	BMW	28 BMW54
LX-LMF	Falcon 7X	Global Jet Luxembourg	SVW36MF	D-CDOC	Lj45	Jetcall	JCL2
OE-FZA	Ce510	GlobeAir	GAC901P/789S	D-CGGG	Lj31A	Jetcall	JCL3
OK-UGJ	Ce680	Travel Service	23 TVS79J/80J	D-CQQQ	Ce560XLS+	DC Aviation	28 DCS709
OO-GMJ	Beech 350	Air Service Liège	23	D-IEAG	Beech G58		28
P4-AND	Ce750	Baden Aircraft		D-IWIR	Ce525A	Ohlair	28 ECA4C
UR-WRS	BAe125-850XP	Wind Rose Aviation	f/v WRC7752/1	N240V	BAe125-800XP	Arkia	
23.A6-ETC	B777-3FXER	Ethiad Airways	f/v ETD77/8	N900FZ	TBM-900	Redwood	28
D-CGEP	G150	Windrose Air	QGA18GA/B	OE-GTE	Ce560XLS+	Porsche Air Service	28
EI-FHK	B737-8JP	Norwegian	div IBK9KY	OE-IVM	A320-214	easyJet	f/v EZY6923/4
EI-FVS	B737-8JP	Norwegian	f/v IBK476/7	OO-GMJ	Beech 350	Air Service Liège	
F-HBTV	Ce525	Aston Jet	24 ASJ094/533	PH-HCF	G-2 Cabri	HeliCentre	
N433DC	Global XRS	Exec. Jet Management	EJM433	YU-MPC	Ce525	MPC Holding	28 2x
OE-LQZ	A319-111	easyJet	f/v EZY4565/6	28.9H-BCP	Lj45XR	Skyfree	KFE066A
OK-AST	Ce560XL	Air Bohemia	f/v BOH711/2	9H-DDJ	Lj75	Kermas	arr KER888
OO-GMJ	Beech 350	Air Service Liège		D-AWUE	BAe146-200	WDL Aviation	AFR1130/29
SE-RFH	Ce680	European Flight Service	EUW1187	D-CAWM	Ce560XLS+	Aerowest	
24.9H-VJT	Global 6000	VistaJet Malta	25 VJT971	G-UZHD	A320-251N	easyJet	f/v EZY8875/6
CS-LAM	Global 5000	JME	JME502M	M-AGIK	Falcon 900LX	Amboy Overseas	30
F-GTKJ	Beech 1900D	Twin Jet	f/v TJT051P/781A	M-OBIL	Ce525C	Ulla Popken Fashion	
HB-JRB	CL-604	Swiss Air Ambulance	SAZ62/3	N117QS	Global 5000	NetJets	f/v 29
M-NTOS	Ce525C	Selementos	25	OE-FWF	Ce510	GlobeAir	GAC055C/722H
OE-FBD	Ce510	GlobeAir	GAC184V/066E	OO-XLS	Ce560XLS+	Air Service Liège	arr
OE-GKW	G100	Tyrol Air Ambulance	TYW758/9	OY-EUR	PC-12/47E	K/S JS-Eurowind	29



Aeroflot wide body aircraft are rare at Dutch airports. An aircraft upgrade due to a cancelled flight took Airbus A330 VQ-BMV to the Netherlands. (Amsterdam - Schiphol, 21 November 2017, Mischa Ordijk)



This Boeing 737 was ferried to Norwich on 29 October 2017 for some paintwork. PH-CDH was ferried back to Amsterdam on 9 November 2017. It is the first aircraft in this new corporate colours. (Amsterdam - Schiphol, 17 November 2017, Ton Jochems)

29. 9H-VJP	Global 6000	VistaJet Malta	VJT895
CS-DSD	Falcon 7X	JME Aircraft Mgmt	JME321D
CS-TFR	Lj45	Omni Air	30 OAV304/P
D-CAPB	Ce560	Aerowest	
D-IADV	Ce551	MCH Holdings	
D-IXAA	Beech C90GTi	Reupke Airservice	2x
G-FBKE	Ce510	Wijet	30 BKK5E
F-HERE	Ce510	Wijet	BKK12L
N272BC	CL-350	Bissell	arr
N324FP	G-IVSP	Fox Paine & Company	arr
OE-GCA	Ce560XL	Goldeck-Flug	GDK29CA
TC-KHG	G550	Korvez	30
30. T-785	Falcon 900EX	LTDB	SUI616
CS-TFV	CL-300	Omni Air	OAV301
CS-TFV	CL-300	Omni Air	arr OAV301
D-CDOC	Lj45	Jetcall	JCL2
D-FKAI	PC-12/47	Kaiser Air	arr
D-ITRA	Ce525	Transavia Flug	
F-HERE	Ce510	Wijet	BKK12L
G-FBKE	Ce510	Wijet	arr BKK5E
OK-BEE	Beech 400A	JetBee Czech	JBC197D/606D
OK-CTP	PC-12/47E	OK Aviation Wings	arr NTF526
OY-JJH	Do328-310	Joinjet	arr SUS9103
SP-DLB	ERJ135BJ	Blue Jet	HYP020

The Fly Dubai Boeing leased to Transavia departed to Shannon after its lease on the 1st. The next day a Transavia Boeing departed for Minneapolis-Saint Paul via Keflavik on lease to Sun Country Airlines. A GOL Boeing departed back home on the 3rd after its lease to Transavia. The only Corendon Airlines Europe Boeing 737 registered in Malta finally paid a visit on the 4th. Also on that day a one-hour roundtrip by KLM for the Hoogvliegers foundation. The 4th was also the start of a Qatari military horse transport invasion. While enroute from Alicante to Copenhagen a Norwegian Boeing diverted to Amsterdam on the 5th, just one day before it was flown to Lasham on return to lessor. A Nordwind triple seven arrived for maintenance on that day. Aer Lingus Airbus EI-DVH operated the Dublin - Amsterdam flight on the 7th but the return flight was cancelled due to a technical issue. The aircraft was able to position to Dublin during the evening. On the 9th a Jet2 aircraft departed after maintenance. Also on this day the arrival of an Corendon Boeing after having received revised colours in Norwich and the departure of another Transavia aircraft for lease to Sun Country Airlines. A new fleet addition for Cityhopper arrived on the 11th. The Transavia Boeing 737 that was repainted in Peter Pan colours operated its first service in these special colours on the 11th. The aircraft departed to Rotterdam via Eindhoven and back to Amsterdam with members of the Peter Pan vacationclub on board. Due to a runway incursion at Maastricht a Saudi flight diverted

to Amsterdam on the 12th. Also on this day British Airways Airbus G-EUUF operated the London Heathrow - Amsterdam flight this afternoon, however the return flight was cancelled due to a technical issue. Due to the closure of Rotterdam from 13 till 16 November the Shell bizjets arrived on the 13th and departed two days later. The first Boeing 777 for Ukraine International arrived on the 14th as 2-AERA from Taiwan Taoyuan airport reportedly for cabin outfitting. Also on this day the arrival of an Air tanker Airbus. An easyJet Airbus on its way from Athens to Edinburgh diverted to Amsterdam a few minutes before midnight on the 18th. On the 23rd the Norwegian from Copenhagen to London Gatwick diverted to Amsterdam. The Boeing departed again 1,5 hours later.

Credits: Laurent ten Hoopen (SBS), DSML, Scramble MB.

## Rotterdam - The Hague

				November 2017
01. 9H-AHA	B737-505	Air X Charter	AXY0103/1	
9H-PAM	B737-33AQC	Maleth-Aero	MLT602F/602	
D-BEEP	Ce750	Air X Charter (Germany)		
D-FJNU	TBM-700C2	Saatgut & Agrarservice Beesenstedt		
EC-JIP	SA226TC	Flightline	dep FTL5531	
G-CIXW	ERJ170LR	Eastern Airways (a/w)	CFE4477/6	
G-CIXW	ERJ170LR	Eastern Airways (a/w)	CFE4479/8	
M-CCCCP	Global 5000	Heda Airlines	dep	
N22UB	Ce525C	Flightpartner	dep	
PH-ACI	CeT303	AIS Flight Academy		
PH-VBG	Falcon 2000EX	JetNetherlands	dep	
SE-RIZ	Ce560XLS	H-Bird Aviation	12 ETI701T/712H	
02. 9H-OME	B737-505	Air X Charter	04 AXY0201/313	
9H-PAM	B737-33AQC	Maleth-Aero	MLT603/603F	
G-CIXW	ERJ170LR	Eastern Airways (a/w)	CFE4477/6	
G-CIXW	ERJ170LR	Eastern Airways (a/w)	CFE4479/8	
G-GSVI	G650	Executive Jet Charter		
N551VL	G550	Orion Global Pet	07	
OO-PRM	Ce510	Air Service Liege	04	
PH-PKF	Falcon 2000LXS	JetNetherlands	06	
PH-TCN	P180	JetNetherlands	dep	
PH-TXA	Ce510	JetNetherlands	dep	
PH-VBG	Falcon 2000EX	JetNetherlands	06	
SE-RIL	Ce560XLS	H-Bird Aviation	05 ETI802Z/705T	
UR-WRJ	A321-231	Windrose Airlines	WRC7771/2	
XA-CHG	G400	Aerolineas Ejecutivas	03	
03. CS-DLG	Falcon 2000EX	NetJets Europe	04 NJE935G/601H	
CS-DXI	Ce560XLS	NetJets Europe	05 NJE602C/9LH	
D-CRON	Ce560XLS	Silver Cloud Air	04 SCR762	
G-CIXW	ERJ170LR	Eastern Airways (a/w)	CFE4477/6	
G-CIXW	ERJ170LR	Eastern Airways (a/w)	CFE4479/8	
G-POWD	B767-36NER	Titan Airways	AWC820Y/8201	
OE-FBD	Ce510	GlobeAir	04 GAC651Z/B	
OE-FKO	Ce525A	Avcon Jet	AQJ48L	



	OE-GRA	Ce525B	Alpha Air Charter		PH-HXA	B737-8K2	Transavia	TRA6062/0074
	OO-NHU	AS365N3	Netherlands Coastguard	*	PH-TXA	Ce510	JetNetherlands	16
04.	CS-PHF	EMB505	NetJets Europe	05 NJE5BF	ZS-DEX	Falcon 900EX		
	D-AFAC	CL-604	FAI Rent-A-Jet	05 IFA6359	10. CS-DXJ	Ce560XLS	NetJets Europe	11 NJE890B/2QX
	OH-SWJ	Ce525A	Scanwings	ABF2A/B	CS-DXO	Ce560XLS	NetJets Europe	NJE7JD/028U
	OK-BEE	Beech 400A	JetBee Czech	08 JBC195B/C	CS-PHA	EMB505	NetJets Europe	NJE371B/8AQ
05.	D-IIPN	PA-34-220T			G-SPRE	Ce550 Bravo	Xclusive jet Charter	12 XJC2
	G-POWD	B767-36NER	Titan Airways	AWC8202/820W	N113CS	G650ER	Key Air	
	OH-SWJ	Ce525A	Scanwings	ABF2D/2E	PH-HZJ	B737-8K2	Transavia	TRA091/7761
	OO-IDE	Ce525	Air Service Liège	arr	PH-TCN	P180	JetNetherlands	13
	OO-PRM	Ce510	Air Service Liege	06	11. EC-KPT	Beech 200	Air Taxi & Charter	12 IBJ211A/212A
	PH-TCN	P180	JetNetherlands	07	PH-HSI	B737-8K2	Transavia (Peter Pan c/s) f/v	TRA1996
06.	D-IAIB	Ce525	AIB Assets	08	PH-ULP	EC135T2+	ANWB – MAA	LIFELN3
	D-IIPN	PA-34-220T			12. 9H-YOU	CL-850	Air X Charter	13 AXY1203/1304
	D-IPCC	Ce525A	Unitech Aviation		D-IAIB	Ce525	AIB Assets	
	EC-LUO	A320-232	Vueling Airlines	VLG8336/7	G-KLNW	Ce510	Saxonair Charter	SXN51D
	F-HFKF	ERJ145LR	SiAvia	07 SVB20P/579	HB-FWC	PC-12/47E	TAG Aviation	
	M-MOON	Ce750	Bambara Holding		N812AM	BAe125-800A	Airmed International	
	N315ML	Beech 350	Sky West Aviation	08	PH-HZJ	B737-8K2	Transavia	TRA7762/0092
	N904DS	Global Express	D. Snyder / Washington Redskins	08	13. CS-DXY	Ce560XLS	NetJets Europe	NJE2VY/104H
	OY-APM	G450	Maersk Aviation		D-IXAA	Beech C90GTi	Reupke Airservice	
	PH-CJM	Ce680	ASL		LX-JFW	PC-12/47E	Jetfly Aviation	JFA79L/80L
	PH-FIS	Ce525	JetNetherlands	18	M-PIRE	P180	Northside Aviation	dep
07.	V-11	G-IV	334sq	NAF11	PH-TCN	P180	JetNetherlands	
	2-BLUE	CL-601-3A	Volare Aviation	09 VLZ376	16. V-11	G-IV	334sq	NAF11
	D-CFIV	Lj35A	Air Alliance	AYY188/118	V-11	G-IV	334sq	17 NAF11
	D-CQAJ	Lj35A	Quick Air Jet Charter	QAJ1200	9H-YES	B737-5Q8	Air X Charter	18 AXY1704/1801
	EC-MOQ	Ce525C	Aluminios Cortizo		A6-CBO	Global XRS	DC Aviation Al-Futtaim	
	M-CCCP	Global 5000	Heda Airlines	08	CS-DXN	Ce560XLS	NetJets Europe	NJE6SL/358E
	N920CL	Ce680A	Textron Aviation		D-ITAN	Ce525	Transavia Flug	2x
	OO-PRM	Ce510	Air Service Liege	08	G-RABB	PC-12/47E	Oriens Leasing	2x
	PH-TCN	P180	JetNetherlands	09	M-PIRE	P180	Northside Aviation	17
	PH-ULP	EC135T2+	ANWB – MAA	LIFELN3	N59JE	G-V	Talon Air	17 TFF980
	PH-VBG	Falcon 2000EX	JetNetherlands	13	N721UF	B737-7BC	Fertitta Entertainment	18
08.	D-IURS	Ce525	Atlas Air Service	ATL4S	N887WM	Global XRS	Challenger Administration	
	D-IVVB	Ce525A	Atlas Air Service	ATL5B	OY-APM	G450	Maersk Aviation	
	G-SOVB	Lj45	Zenith Aviation	09 BZE02A	OY-GFS	Falcon 2000LXS	Air Alsie	MMD4394
	N100A	G650ER	Exxonmobil Corp.	11	PH-VBG	Falcon 2000EX	JetNetherlands	16
	N543TX	Ce525C	Textron Aviation		SP-TBF	G150	AMC Aviation	
	N920CL	Ce680A	Textron Aviation		17. V-11	G-IV	334sq	NAF11
09.	CS-PHJ	EMB505	NetJets Europe	10 NJE9FF/466Y	CS-DXN	Ce560XLS	NetJets Europe	NJE309P/971H
	D-IADV	Ce551	MCH Holdings		CS-LTC	Ce680A	NetJets Europe	18 NJE631G/4XQ
	D-IADV	Ce551	MCH Holdings	10	D-HROY	R44	Heli & Co	
	D-IAIB	Ce525	AIB Assets	10	EC-GXJ	SA226TC	Flightline	18 FLT4452/001A
	F-HFKE	ERJ145LR	SiAvia (Fly Kiss c/s)	SVB580/080P	EC-ISH	PC-12/45	Norestair	20
	G-GSYS	PA-34-220T	Richard Schilling		M-PIRE	P180	Northside Aviation	arr
	HB-JTS	Ce680A	Albinati Aeronautics		OE-FCB	Ce510	GlobeAir	18 GAC358N/P
	OE-FRS	Ce525A	Salzburg Jet Aviation	MOZ409D	OO-NHV	AS365N3	Netherlands Coastguard	*NCG10
	OO-ACO	Ce510	Air Service Liège	dep	OY-GFS	Falcon 2000LXS	Air Alsie	MMD4394
	OO-PRM	Ce510	Air Service Liege		OY-GSA	PC-12/47E	Widex	
	PH-HXA	B737-8K2	Transavia	TRA073/6061	PH-TCN	P180	JetNetherlands	21



AW189 OY-HLM was delivered to Bel Air Aviation in October 2014. In January 2017 Denmark's Bel Air Aviation two AW189 helicopters completed 6000 safe flight hours in offshore missions since November 2014. (Rotterdam - The Hague, 20 November 2017, Maarten Visser Sr)



This Airbus was delivered to Air Berlin in June 2007. It was subsequently leased to BH Air as LZ-AOA from May 2009. The aircraft was returned to Air Berlin and destined for Germania as D-ASTQ mid 2017. It was however delivered to Bulgarian Eagle, an ACMI start-up owned by the Germania Group, still registered as LZ-AOA. (Rotterdam - The Hague, 22 November 2017, Maarten Visser Sr)

18. EC-GXJ	SA226TC	Flightline	20 FTL002A/4411	N335BF	PA-30-160	Quaak Holding	dep
PH-FIS	Ce525	JetNetherlands	29	PH-HRK	P180	JetNetherlands	30
PH-VBG	Falcon 2000EX	JetNetherlands	20	PH-ULP	EC135T2+	ANWB - MAA	LIFELN3
20. V-11	G-IV	334sq	NAF11	25. CS-DQA	Ce560XLS	NetJets Europe	26 NJE6JH/876W
D-CAWU	Ce560XLS	Adolf Würth		CS-DRX	BAe125-800XPi	NetJets Europe	NJE062L/851E
D-IADV	Ce551	MCH Holdings	21	N812AM	BAe125-800A	Airmed International	
D-ICKE	Beech B200GT	Dachser	22	OK-XLS	Ce560XLS+	Silesia Air	SUA750/1
HB-FWM	PC-12/47E	Calanda Wings	22	OO-PCK	PC-12/47E	European Aircraft Private Club	
HB-JOI	A321-211	Germania	GMI4848/9	PH-HXC	B737-8K2	Transavia	TRA091/7839
LZ-AOA	A319-112	Bulgarian Eagle	GMI2828/9	PH-TCN	P180	JetNetherlands	28
M-CCCP	Global 5000	Heda Airlines	22	26. ZE700	BAe146 CC2	32(TR)sq	27 KRF45/RRR1145
N560GT	Ce560 Encore	Jet Plane Corp.		D-ISJP	Ce525A	Ohlair Charterflug	ECA1C/1M
OY-HLM	AW189	Bel Air Aviation	BBX102/101	EC-GPS	SA227AC	Flightline	27 FTL0002/8811
PH-PKF	Falcon 2000LXS	JetNetherlands	21	HB-FOW	PC-12/45	Future Finance Corporation	27
21. 2-MATO	CL-601-3A	Volare Aviation	VLZ397	HB-LZI	Ce340A	MansAir	
9H-KAZ	BAe125-900XP	Hyperion Aviation	HYP005	27. V-11	G-IV	334sq	28 NAF61/11
CS-DXQ	Ce560XLS	NetJets Europe	23 NJE7EA/9LB	EC-GXJ	SA226TC	Flightline	FTL002/003
CS-PHG	EMB505	NetJets Europe	22 NJE007G/298A	EC-GXJ	SA226TC	Flightline	28 FTL004/4421
D-CAAM	Do228-212	Arcus Air	AZE22B/23B	G-RABB	PC-12/47E	Oriens Leasing	28
G-ECOD	DHC-8-402	FlyBe	BEE1273/44Z	M-INER	Global 6000	ICC Aviation	
G-FBJK	ERJ175STD	FlyBe	BEE107/45Z	OE-GKW	G100	Tyrol Air Ambulance	28 TYW759/7
G-FLBC	DHC-8-402	FlyBe	BEE1533/46Z	OO-GMJ	Beech 350	Air Service Liège	arr
G-FLBK	Ce510	Wijet	BKK4D	OO-PCM	PC-12/47E	European Aircraft Private Club	
G-JECZ	DHC-8-402	FlyBe	BEE1093/47Z	PH-CJM	Ce680	ASL	
LN-STB	CL-350	Sundt Air	22 MDT5	PH-HVB	EC135T2+	ANWB - MAA	LIFELINE1
N560GT	Ce560 Encore	Jet Plane Corp.		PH-HXC	B737-8K2	Transavia	TRA7840/0092
OE-FAT	Ce510	GlobeAir	GAC582A/360D	PH-VBG	Falcon 2000EX	JetNetherlands	30
OO-CFW	PC-12/47E	Nextgen Partners		PH-WDL	PA-34-220T	Cordial Beheer & Registergoederen	28
PH-VBG	Falcon 2000EX	JetNetherlands	24	28. CS-CHE	CL-350	NetJets Europe	NJE9GP/3ND
22. 9H-KAZ	BAe125-900XP	Hyperion Aviation	HYP005	D-HANS	R44		arr
D-CEFO	Ce560XLS+	Air Hamburg	AHO478J	D-IEMO	Raytheon 390	Privateways	PWY654C/541G
G-GAAL	Ce560XLS+	Luxaviation (UK)	f/v	G-RABB	PC-12/47E	Oriens Leasing	
HB-JOI	A321-211	Germania	GMI4848/9	LX-RSQ	Lj45XR	Luxemb. Air Ambulance	DUK5AMB
LZ-AOA	A319-112	Bulgarian Eagle	GMI2828/9	OO-PRM	Ce510	Air Service Liege	
M-ELAS	G280	Aventurine Aviation	23	OY-GFS	Falcon 2000LXS	Air Alsie	MMD4356
OO-CFW	PC-12/47E	Nextgen Partners		PH-CJM	Ce680	ASL	
PH-CTH	Falcon 2000LX	Flying Group	FYG63V/64V	PH-TCN	P180	JetNetherlands	arr
PH-HRK	P180	JetNetherlands	dep	SE-RIL	Ce560XLS	H-Bird Aviation	arr ETI829Z
PH-HRK	P180	JetNetherlands	23	29. 02	C-37B	USCG Washington	ALU02
PH-TCN	P180	JetNetherlands	25	D-IPCC	Ce525A	Unitech Aviation	arr
23. CS-DQB	Ce560XLS	NetJets Europe	NJE7AG	D-IWIR	Ce525A	Ohlair Charterflug	arr ECA4C
LX-RSQ	Lj45XR	Luxemb. Air Ambulance	DUK5AMB	G-KARE	PC-12/47E	Graham Aircraft Hire	
M-ETAL	P180	GFG Aviation	24	G-KARE	PC-12/47E	Graham Aircraft Hire	
OE-FLG	Ce525	Smartline		LX-LBB	B737-86J	Luxair	LGL7515P/7515
OO-PRM	Ce510	Air Service Liege	27	N456KW	Beech 58PA	Wagenaar Airways	30
PH-DTS	DA42	Wings over Holland		OY-GFS	Falcon 2000LXS	Air Alsie	MMD4356
24. CS-LAU	Ce680A	NetJets Europe	25 NJE951F/102A	PH-HCE	R66	HeliCentre	
D-ISJP	Ce525A	Ohlair Charterflug	ECA1C	30. D-CAWX	Ce680	Aerowest	
EC-GXJ	SA226TC	Flightline	27 FTL4451/001	D-CCCC	SA227AT	Binair	arr BID4A
EI-FPR	CRJ900LR	CityJet (SAS c/s)	27 BCY9041	D-CSUN	Ce560XLS+	Air Hamburg	AHO545R/532Z

G-FBKB	Ce510	Wijet	BKK2B
G-MATO	Falcon 7X	Air Charter Scotland	EDC133R
G-SUGR	ERJ135BJ	Air Charter Scotland	arr EDC049
LX-LBB	B737-86J	Luxair	LGL7516/7516P
PH-ECE	EC120B	Heli Holland Holding	
SU-TCE	A320-232	Almasria Universal	01 LMU4311/2

Air X charter operated a charter to Nice on the 1st. On this same day Maleth-Aero operated a charter to Bilbao. Both charters returned the next day, although Air X used a different aircraft. Titan Airways operated a charter to Piarco, Trinidad en Tobago on the 3rd. That flight returned on the 5th. Vueling operated its final Rotterdam service on the 6th. The Transavia on the 11th operated its service in special peter Pan colours on this day. It was a special flight from Amsterdam via Eindhoven and Rotterdam then back to Amsterdam. On the 16th Air X operated a charter to Aqaba, Jordan. Two charters departed to Manchester on the 20th for the Manchester City - Feyenoord football game. The Bulgarian Eagle Airbus is in Germania colours. Both flights returned on the 22nd. On the 21st also some extra flights to Manchester, mostly by FlyBe. The CityJet Canadairjet on the 24th visited for maintenance by SAMCO. Based at Maastricht the well known company had opened another location at Rotterdam Airport at the end of 2016. Luxair operated a flight to Copenhagen on the 29th. The charter returned on the next day. On that day Almasria Universal Airlines arrived from Marsa Alam, Egypt. The delayed departure was the next day.

Credits: Rotterdam Airport, Rotterdam The Hague Airport Aviation (Facebook group), Scramble MB.

## Maastricht - Aachen

November 2017			
01. EC-GPS	SA227AC	Flightline	02 FTL8834/8841
EC-JIP	SA226TC	Flightline	FTL5523/5534
LX-VMF	Ce560XL	Luxaviation	dep LXA15P
TC-ACR	B747-428ERF	Saudia	SVA923/924
02. EC-GPS	SA227AC	Flightline	03 FTL8842/8851
EC-JIP	SA226TC	Flightline	arr FTL5541
HB-LYD	P180	Trüb Emulsions Chemie	
PH-TXA	Ce510	JetNetherlands	
03. EC-GXJ	SA226TC	Flightline	FTL4452/4453
G-YDEA	DA42	Diamond-Executive Aviation	WKT13
G-ZDEA	DA42	Diamond-Executive Avn	04 WKT15
TC-REC	G450	REC Aviation	
04. HA-LYG	A320-232	Wizz Air	WZZ2PU/3AS
PH-TXA	Ce510	JetNetherlands	06
TC-MCT	B747-412F	Saudia	05 SVA915/916

05. D-CAPB	Ce560 Encore+	Aerowest	
D-CCAB	Ce550 Bravo	JetKontor	JKH32B
G-YDEA	DA42	Diamond-Executive Avn	06 WKT08/15
G-ZDEA	DA42	Diamond-Executive Avn	dep WKT15
OO-FTS	Ce560XL	Luxaviation Belgium	AAB966
PH-ELX	DHC-8-103	Silverstone Air Services	dep
TC-ACG	B747-481(F)	Saudia	SVA917/918
YU-SCJ	Ce525	Prince Aviation	PNC9CJ
06. D-IMAH	Ce525A	Mahle International	
D-IVIP	Beech B200	Star Wings Dortmund	STQ99A
EC-GXJ	SA226TC	Flightline	FTL4411/4412
G-ZDEA	DA42	Diamond-Executive Aviation	WKT08
N742CK	B747-446(F)	Kalitta Air	CKS9507/0508
OE-GBD	IAI1125SPX	Tyrol Air Ambulance	TYW432/433
PH-TXA	Ce510	JetNetherlands	07
07. D-FEPG	PC-12/47E	Rhein-Mosel-Flug	
D-IAMI	Beech B200		
D-IVIP	Beech B200	Star Wings Dortmund	STQ99A
EC-GPS	SA227AC	Flightline	08 FTL8823/8831
EC-GXJ	SA226TC	Flightline	FTL4421/4422
08. 9A-BTD	Fokker 100	Trade Air	arr TDR9224
9A-BTE	Fokker 100	Trade Air	dep TDR9100
D-IDAZ	Ce525	Donau Air Service	
N412MC	B747-47UF	Atlas Air	THY6515
TF-AMN	B747-4H6(F)	Saudia	SVA923/924
09. EC-GXJ	SA226TC	Flightline	FTL4471/4473
G-YDEA	DA42	Diamond-Executive Aviation	WKT15
OE-FCB	Ce510	GlobeAir	GAC291D/079G
PH-TXA	Ce510	JetNetherlands	
10. D-AUBY	A320-214	Airbus Industries	17 AIB989B/989C
D-CJET	Ce525B	Air Hamburg	AHO184U
D-IMRB	Beech C90GTi	E-Aviation	EFD666
EC-GXJ	SA226TC	Flightline	FTL4451/4411
G-YDEA	DA42	Diamond-Executive Aviation	WKT15
N701CK	B747-4B5F	Kalitta Air (a/w)	THY6493
OE-FPP	Ce510	GlobeAir	GAC652G/997F
11. EC-JIP	SA226TC	Flightline	13 FTL5561/5511
OE-FHA	Ce510	GlobeAir	13 GAC874E/088F
TC-ACR	B747-428ERF	Saudia	arr SVA915
13. 9XR-WH	CRJ900ER	RwandAir	dep RWD801
D-CAWB	Ce680	Aerowest	arr
EC-GPS	SA227AC	Flightline	14 FTL8813/8821
EW-275TI	An-12BP	Ruby Star	RSB1001/1002
G-YDEA	DA42	Diamond-Executive Aviation	WKT12
LX-VMF	Ce560XL	Luxaviation	LXA15P
SU-YAH	Fokker 50	Niger Airlines	dep PNW901
14. D-CNAG	SA227DC	Binair	BID7P/7A
D-FUDA	PC-12/47	Johannes Graf Huyn	
EC-GPS	SA227AC	Flightline	15 FTL8822/8831
EI-TAT	CL-605	AK Bars Aero	16 MMM9652/9653



Germania Flug was founded as a cooperation between Swiss company Hotelplan and German airline Germania in 2014 using the brand HolidayJet. From November 2015 Germania Flug stopped its collaboration with HolidayJet and operates solely under its own brand name since. Airbus A321 was transferred to the Swiss company in October 2015 as HB-JOI. (Rotterdam - The Hague, 22 November 2017, Maarten Visser Sr)



This Airbus A320 was caught on camera shortly after being pushed out of the MAAS paint hangar in Allegiant Air colours. D-AUBY was delivered to Piedmont Triad International Airport on 1 December 2017 as N255NV. (Maastricht - Aachen, 17 November 2017, Björn van der Velpen)

G-ZDEA	DA42	Diamond-Executive Aviation	WKT12	G-IFTF	BAe125-800B	Interflight	IFT108/109
N412MC	B747-47UF	Atlas Air	THY6601/GTI8346	G-IFTF	BAe125-800B	Interflight	25 IFT110/111
15. 4K-SW008	B747-4R7F	Silk Way West Air.	AZG9087/7951	TC-MCE	A300B4-605R(F)	MNG Airlines (a/w)	THY6607/6608
8Q-IAA	DHC-8-315	Maldivian	arr	TC-MCZ	A330-243F	MNG Airlines	25 MNB780/781
D-CQAJ	Lj35A	Quick Air Jet Charter	QAJ1211	25. G-IFTF	BAe125-800B	Interflight	26 IFT112/101
D-IFFF	CeF406	Air-Taxi Europe	TWG224/121	OO-PCM	PC-12/47E	E.A.P.C.	
EC-GXJ	SA226TC	Flightline	16 FTL4433/4435	TC-ACF	B747-481(F)	Saudia	SVA915/916
LN-AKR	Falcon 900EX	G&A Air	19 AKK1	26. D-CCCC	SA227AT	Binair	BID4A/4B
N701CK	B747-4B5F	Kalitta Air (a/w)	THY6515	G-KLNW	Ce510	Saxonair Charter	27 SXN51D
OE-FZE	Ce510	GlobeAir	16 GAC555Q/555R	TF-AMI	B747-412(F)	Saudia	27 SVA917/918
OO-KOR	Ce525A	Luxaviation Belgium	AAB143	27. CS-DXJ	Ce560XLS	NetJets Europe	28 NJE031E/022K
OO-KOR	Ce525A	Luxaviation Belgium	AAB143	D-CBIN	SA227AT	Binair	BID6A/6B
TF-AMI	B747-412(F)	Saudia	SVA923/924	D-CCCC	SA227AT	Binair	BID4A/4B
YU-SCJ	Ce525	Prince Aviation	PNC9CJ	D-ISKY	Beech B200	Air Hamburg	28 AHO657X
16. EC-GPS	SA227AC	Flightline	FTL8841/8842	28. D-CCCC	SA227AT	Binair	BID4A/4B
EC-GXJ	SA226TC	Flightline	FTL5542/5561	G-ZDEA	DA42	Diamond-Executive Aviation	WKT12
N22S	Ce525			29. CS-DXF	Ce560XLS	NetJets Europe	30 NJE6LC/604K
17. D-CAST	Ce525B	Air Hamburg	19 AHO259W/653T	D-CAWX	Ce680	Aerowest	30
EC-GPS	SA227AC	Flightline	FTL8852/8853	D-CCCC	SA227AT	Binair	BID4A/4B
EC-GXJ	SA226TC	Flightline	FTL4451/8842	D-IFER	Ce510	F. Ellerhold	arr
HA-LXU	A321-231	Wizz Air	div WZZ2XU	G-ZDEA	DA42	Diamond-Executive Aviation	WKT12
N701CK	B747-4B5F	Kalitta Air (a/w)	THY6493	OO-VLN	Fokker 50	Vizion Air	WLM3001/7001
PH-TCN	P180	JetNetherlands	dep	TF-AMM	B747-4H6(F)	Saudia	arr SVA923
18. EC-GPS	SA227AC	Flightline	FTL8861/8862	30. D-IFFF	CeF406	Air-Taxi Europe	TWG221/121
PH-TXA	Ce510	JetNetherlands	20	OO-PRM	Ce510	Air Service Liege	
TC-MCT	B747-412F	Saudia	SVA915/916	OO-VLN	Fokker 50	Vizion Air	WLM7002/3002
19. D-CNAG	SA227DC	Binair	BID2A/2B	PH-MYX	Ce650	ASL	
TC-ACG	B747-481(F)	Saudia	SVA917/918				
20. CS-DRZ	BAe125-800XPi	NetJets Europe	NJE311P/831L				
D-CCCC	SA227AT	Binair	BID8A/7P				
D-CNAG	SA227DC	Binair	BID2A/2B				
NX139LE	L-39ZO	Skyline Aviation	arr				
OO-XLS	Ce560XLS+	Air Service Liège	21				
PH-TXA	Ce510	JetNetherlands					
21. D-CNAG	SA227DC	Binair	BID2A/2B				
G-RMMA	Falcon 900EX	TAG Aviation (UK)					
G-ZDEA	DA42	Diamond-Executive Aviation	WKT12				
LX-LBB	B737-86J	Luxair	LGL7683/7684				
YU-PZM	Ce560XLS+	Air Pink					
22. D-CNAG	SA227DC	Binair	BID2A/2B				
G-ZDEA	DA42	Diamond-Executive Aviation	WKT12				
LX-LBB	B737-86J	Luxair	LGL7684/7684				
N701CK	B747-4B5F	Kalitta Air (a/w)	THY6515				
OE-FZE	Ce510	GlobeAir	23 GAC576G/196D				
OY-KFA	CRJ900	Cimber (SAS c/s)	arr SAS9281				
TC-MCT	B747-412F	Saudia	SVA923/924				
23. D-CNAG	SA227DC	Binair	BID2A/2B				
G-ZDEA	DA42	Diamond-Executive Aviation	WKT12				
LN-SUN	CL-604	Sundt Air	26 MDT6				
M-OLLY	Ce525	MBK Maschinenbau					
OE-FHK	Ce510	GlobeAir	GAC798E/576H				
OE-FZE	Ce510	GlobeAir	24 GAC196E/609F				
24. F-HTRY	P180	Airrales					

Omitted from the list are the SkyGates flights and the Silk Way flights. We have also left out the Zimex ATR flights. Ryanair had the following aircraft visiting MAAS for a repaint this month: EI-DAC, EI-DAD, EI-DAE, EI-DAF, EI-DAG, EI-DAH. From the 3rd Diamond-Executive Aviation operated several flight to and from the airport until the 29th. The last regular Wizz Air flight departed on the 4th. Rumours are the carrier will return in the summer of 2018. A former Olympic Dash-8 departed to Corfu in full Silverstone colours on the 5th. Trade Air changed aircraft on the 8th with one arriving from Bratislava and one departing to Zagreb. On the 10th the only Airbus being painted this month arrived. It departed one week later in Allegiant Air colours. By the time you read this it will be operational as N255NV. The next day the departure of Jumbo TC-ACR resulted in a runway excursion. The airport was closed on the 12th and was reopened on the 13th around noon just in time for some more departing deliveries. The Rwandair Canadairjet departed after maintenance and the Niger Airlines Fokker departed for Corfu. A former Travira Air Dash-8 arrived still in the colours of its previous operator. By the time you read this it has been repainted for Maldivian. The Wizz Air on the 17th was an Eindhoven diversion. Luxair operated a charter to Luxembourg on the 21st and

returned the next day. Also on the 22nd a Cimber Canadairjet arrived for storage. The VLM Airlines Fokker on the 30th was in Vizion Air colours.

Credits: SG Maastricht / Threshold, Flymst.nl forum.

### Groningen - Eelde

			November 2017
01. OE-FHA	Ce510	GlobeAir	02 GAC639J/528J
02. N124MW	SF50		27
OE-FHA	Ce510	GlobeAir	03 GAC528K/301C
04. OK-FAR	DA42		
05. N607LM	Eclipse 500	SAS – Ing. Gerritse Holding	arr
PH-CGN	Do228-212	Kustwacht	
PH-PXB	EC135P2+	Nationale Politie	ZXP02
06. D-HTMA	EC135P2+	HTM Offshore	3x *
13. N600GK	Ce525	Fair Wing Air	
14. D-HTMC	EC135P1	HTM Offshore	*
LN-WDH	DHC-8-402	Widerøe	WIF7018/9
16. D-INCS	Ce525	Jetkontor	JKH321
M-JCBB	G650	JC Bamford Excavators	JCB1
OH-SWJ	Ce525A	Scanwing	ABF2C/D
19. LX-EAA	Lj45	DucAir – LAR	DUK8AMB
OY-EDP	Ce650	John Peter Jensen Holding	NFA77
20. G-BYVT	G115E	Babcock Aerospace	
G-BYXY	G115E	Babcock Aerospace	
G-CGKB	G115E	Babcock Aerospace	
G-CGKC	G115E	Babcock Aerospace	
G-CGKJ	G115E	Babcock Aerospace	
G-CGKV	G115E	Babcock Aerospace	
N576MA	TBM-850	HTG Trading	
22. D-AVPB	CL-605	MHS Aviation	
OO-VLN	Fokker 50	Vizion Air	
PH-ELP	EC135T2+	ANWB - MAA	
23. PH-BGI	B737-7K2	KLM	*KLM9868
24. D-INOB	Ce525A	Atlas Air Service	
OO-VLN	Fokker 50	Vizion Air	
25. PH-TCN	P180	JetNetherlands	
26. D-CAWX	Ce680	Aerowest	
OY-JPJ	Ce650	North Flying	
28. HB-JSG	CL-605	Scintilla	
LN-RDZ	DHC-8-402	Widerøe	WIF7018

The Grobs on the 20th are were previously used for the UK Ministry of Defence's Light Aircraft Flying Task. They were on their way on delivery to the Finnish Air Force.

Credit: GEAS



ACT Airlines Boeing 747 TC-ACR operated a cargo flight on behalf of Saudia Arabian Airlines when it suffered a runway excursion during take-off from runway 21. Initially there was no apparent damage (only muddy wheels and fuselage), but a wrinkle in the frame just aft of the nose wheel was later discovered. (Maastricht - Aachen, 14 November 2017, picmaickel.nl)

### Deventer-Teuge

			October 2017
02. N638DB	PA-46-350P	MaxFly	03
OO-HCP	R44	Heli & Co	03 2x
03. OO-HCP	R44	Heli & Co	04
04. OO-HCP	R44	Heli & Co	
OO-PXL	P68C-TC	Aerodata International Surveys	
OO-TJK	P68	Aerodata International Surveys	12
PH-ATT	H269C	Heli Holland Holding	
PH-FVD	R44	Heli Invest	06
PH-PXC	EC135P2+	Nationale Politie	
05. OH-PNX	PA-31-350	Aerodata International Surveys	arr
06. OE-FID	Ce510	Sky Taxi Luftfahrt	STC137B
08. PH-HBH	H269C	Heli Holland Holding	
09. OE-FID	Ce510	Sky Taxi Luftfahrt	
OO-HCA	R44	Heli & Co	10
10. OO-HCA	R44	Heli & Co	11
11. OO-HCA	R44	Heli & Co	12
12. OO-HCA	R44	Heli & Co	
16. OO-HCP	R44	Heli & Co	17 2x
PH-HCF	Cabri G2	HeliCentre	
17. PH-ECD	EC120B	Heli Holland Holding	
19. PH-ENK	R44	Bear Helicopters	
PH-PXB	EC135P2+	Nationale Politie	
22. OK-KLM	PA-46-350T	Blue Sky Service	24
25. N200FB	PA-31T1		27
26. G-UVIP	Ce421C	Aerodata International Surveys	arr
27. OO-TJK	P68	Aerodata International Surveys	29
PH-PNX	PA-31-350	Aerodata International Surveys	dep
PH-SVZ	Ce550	Slagboom & Peeters	dep
28. PH-PXC	EC135P2+	Nationale Politie	

Credit: Teuge Airport, Roy Wassink.

### Eindhoven

			November 2017
01. D-IOHL	Ce525A	Ohlair Charterflug	ECA3C
EC-JIP	SA226TC	Flightline	arr FTL5532
EC-LZO	B767-35DER	Privilege Style	PVG691P/6991
PH-CJM	Ce680	ASL	dep
PH-FJK	Ce525B	JetNetherlands	02
PH-HGT	Ce680	ASL	02
UR-CKM	An-12BP	Cavok Air (a/w)	CVK7074/ –
02. 1x	F-16AM	312/313sq	*Cowboy01
LX-N90456	E-3A	NAEW&CF	*Nato40
OO-PKX	Ce750	Air Service Liège	dep
OO-PKX	Ce750	Air Service Liège	05

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This Grob G115E was delivered to Babcock Aerospace in 2000 as an elementary flying trainer and served with the No. 3 Flying Training School at RAF Cranwell. G-BYVT was delivered to the Finnish Air Force and deregistered in December 2017. (Eelde, 20 November 2017, Hendrik Cazemier)

	OO-XLS	Ce560XLS+	Air Service Liège	dep	LX-N90456	E-3A	NAEW&CF	*Nato01
	PH-HWM	CL-605	ASL	dep	G-POWM	A320-232	Titan Airways	AWC936/7
03.	2x	UH-60A+	1-214th AVN	*Duke23-flight	G-POWM	A320-232	Titan Airways	14 AWC598P/939
	CS-CHD	CL-350	NetJets Europe	NJE510U/763K	HA-LXW	A321-231	Wizz Air	f/v WZZ2XU/1DH
	CS-RBN	Global Express	Jet Management Europe	JME508N	14.01	C-17A	HAW	15 Bartok32
	PH-FJK	Ce525B	JetNetherlands	04	T.21-13/35-51	C295M	353 Esc	AME3546
	PH-HWM	CL-605	ASL	07	D-CBEN	Ce560XLS+	Adolf Würth	15
04.	D-CTWO	Lj35A	Air Alliance Express	AYY108	G-POWM	A320-232	Titan Airways	AWC940/941
	EC-LZO	B767-35DER	Privilege Style	PVG6995/NLY129P	OE-GWV	Ce560XLS	Jet24	
05.	CS-RBN	Global Express	Jet Management Europe	JME508N	PH-MDG	Ce680	JetNetherlands	15
	M-JCBB	G650	JC Bamford Excavators	06 JCB1	15.T.21-13/35-51	C295M	353 Esc	AME3546
	PH-FJK	Ce525B	JetNetherlands	07	D-ISGS	AP68TP	SVEGE Flugdienstleitungen	
	PH-HGT	Ce680	ASL		D-ITMA	Ce525A	Luxaviation Germany	
	RA-78765	IL-76TD	Aviacon Zitotrans (a/w)	06	G-POWM	A320-232	Titan Airways	AWC942/943
06.	<u>CE02</u>	ERJ135LR	21sq	BAF608	G-POWM	A320-232	Titan Airways	16 AWC944/945
	FB24	F-16BM	10w/OCU (spec mks)	*BAF421	OE-GAL	Ce550 Bravo	Airlink	JAR08
	ST40	SF260D	CC Air	*BAF195	PH-FJK	Ce525B	JetNetherlands	
	D-101	CH-47D	298sq	*GLV-V	PH-HGT	Ce680	ASL	16
	<u>D-103</u>	CH-47D	298sq	*GLV-V	UR-CKL	An-12BK	Cavok Air	
	S-447	AS532U2	300sq	*GLV-V	16.50+17	C-160D	LTG6	GAF037
	F-HLRA	DA62	Diamond		<u>J-063</u>	F-16AM	312/313sq	*Tiger01
	M-JCBB	G650	JC Bamford Excavators	JCB1	D-AEAO	A300B4-622RF	EAT Leipzig (DHL c/s)	BCS881P/ -
	PH-CJM	Ce680	ASL	11	G-POWM	A320-232	Titan Airways	AWC946/947
07.	D-101	CH-47D	298sq	*Grizzly12, GLV-V	PH-CJM	Ce680	ASL	23
	J-016	F-16AM	312/313sq	08	17.RN04	NH90-NFH	40sq	
	J-055	F-16AM	312/313sq	08	G-POWM	A320-232	Titan Airways	AWC948/949
	J-136	F-16AM	312/313sq	08	G-POWM	A320-232	Titan Airways	AWC950/595P
	J-196	F-16AM	312/313sq	08	LX-JFA	PC-12/47E	Jetfly Aviation	JFA94Z/95Z
	J-512	F-16AM	312/313sq	08	18.G-POWM	A320-232	Titan Airways	AWC951/952
	J-635	F-16AM	312/313sq	08	PH-HGT	Ce680	ASL	
	J-641	F-16AM	312/313sq	08	20. <u>FB17</u>	F-16BM	10w/OCU	*BAF511
	F-HAMJ	TBM-700	Iroise Aero Services	08	EI-LEO	Ce750	GainJet Ireland	GJI75X
	PH-FJK	Ce525B	JetNetherlands	09	OE-GBE	IAI1125SPX	Tyrol Air Ambulance	TYW316/314
	PH-HGT	Ce680	ASL	09	PH-ANO	Ce560XLS	JetNetherlands	
	UR-CKM	An-12BP	Cavok Air (a/w)	arr CVK7021	21.I-TAKA	Ce560XLS	Sardinian Sky Service	SSR437
08.	OO-AMR	Ce525A	Air Service Liège		PH-FJK	Ce525B	JetNetherlands	23
	PH-HWM	CL-605	ASL		PH-MDG	Ce680	JetNetherlands	30
09.	<u>CH05</u>	C-130H	20sq	*BAF670	22.82+65	EC135T1	HFWS	GAM333
	OO-AMR	Ce525A	Air Service Liège		J-066	F-16BM	KTV/322sq	Aspro
10.	J-065	F-16BM	322sq	*Killer1	OO-ACO	Ce510	Air Service Liège	
	D-IEKU	Ce525A	Excellent Air	ECA2C	UR-CKM	An-12BP	Cavok Air (a/w)	CVK7021/2
	OY-TEI	PA-46-350P	RC Holding		23. <u>FB24</u>	F-16BM	10w/OCU (spec mks)	*BAF501
	PH-MDG	Ce680	JetNetherlands	12	PH-CGC	Do228-212	Kustwacht	*
	UR-CKM	An-12BP	Cavok Air (a/w)	arr CVK7023	OO-ACO	Ce510	Air Service Liège	24
11.	PH-CJM	Ce680	ASL	16	24. <u>L-07</u>	PC-7	131EMVOsq	*NAF131
	PH-FJK	Ce525B	JetNetherlands	13	<u>S-456</u>	AS532U2	300sq	*GLV-V
	PH-HGT	Ce680	ASL	14	ZZ343	Voyager KC2	10/101sq	RRR2194/5
	PH-HSI	B737-8K2	Transavia (Peter Pan c/s)	f/v TRA1996	D-CHIP	Ce525B	E-Aviation	EFD111
12.	01	C-17A	HAW	13 Bartok32	PH-FJK	Ce525B	JetNetherlands	30
	D-IEFD	Ce525	Stuttgarter Flugdienst	FFD222	PH-NDK	Falcon 900B	Exxaero	25 XRO667
	D-IEKU	Ce525A	Excellent Air	13 ECA2C	UR-CKM	An-12BP	Cavok Air (a/w)	29 CVK7023/ -
	D-ISAR	Raytheon 390	Euroflug Frenzel	13	26.08bl	C-27J	Transporto Esk.	LYF166
13.	45+00	Tornado IDS	TLG33	*GAFE13	CS-DQA	Ce560XLS	NetJets Europe	27 NJE119L/916F

OO-PKX	Ce750	Air Service Liège	27
27.098/YO	EMB121AA	EAT00.319	CTM1716
<u>L-06</u>	PC-7	131EMVOsq	*
<u>L-10</u>	PC-7	131EMVOsq	*
28.T.21-11/35-49	C295M	353 Esc	29 AME3554/355A
OO-PKX	Ce750	Air Service Liège	30
PH-CJM	Ce680	ASL	arr
29.072/62-IF	CN235M-200	ET01.062	CTM2007
083/ZE	EMB121AN	EAT00.319	CTM1716
131/XQ	TBM-700A	ET00.060 (ET00.041 mks)	CTM1293
D-892	CH-47F	298sq	*GLV-V
OK-TVV	B737-86Q	SmartWings	TVS349P/4398
PH-NDK	Falcon 900B	Exxaero	XRO667
30.1x	F-16AM	322sq	*Dawg01
FB24	F-16BM	10w/OCU (spec mks)	*BAF501
OO-PKX	Ce750	Air Service Liège	arr

Privilege Style operated a charter to Curacao on the 1st. The aircraft returned on the 4th and was parked on the military apron. On the 7th Volkel was closed during foggy conditions, resulting in 7 F-16AM's diverting to Eindhoven. They flew under Tiger/Sting flight however the tie-up between tailnumbers and callsigns remains unknown. Although registered to RC Holdings, the Adress listed for the Danish Piper on the 10th leads to a company called Info-Connect. On the 11th the Boeing 737 of Transavia that was repainted in the Peter Pan Holiday Club Foundation colours made a sightseeing flight over the Netherlands, with a stop at Eindhoven airport and Rotterdam airport. Titan Airways operated charters for Volkswagen from the 13th till the 18th. The Spanish CASA 295 on the 14th stands out as most exotic visitor this month. A visit of the Orange Jumper F-16BM on the 22nd did not went exactly as planned, due to a burst tire on landing the runway was blocked for some time. SmartWings operated a military charter on the 29th.

Additional note: The underlined movements above are gathered with help of ADS-B/scanner data.

Credits: EWAS, Oscar Sannen, MAR, Scramble MB.

### Hilversum

November 2017			
01.PH-ENK	R44	Bear Helicopters	*
PH-HGB	R44	HeliAir	*
02.D-HROY	R44	Heli & Co	
OO-RZA	R44	Diatrans	2x
04.PH-HGB	R44	HeliAir	*
05.PH-HVB	EC135T2+	ANWB - MAA	Lifeline1

PH-WIK	AS350B3	HeliAir	*
06.D-HROY	R44	Heli & Co	
07.D-HHFF	AS355F2	Meravo	
PH-HGB	R44	HeliAir	*
10.PH-HVB	EC135T2+	ANWB - MAA	Lifeline1
11.PH-4P8	Cavalon		
13.D-HROY	R44	Heli & Co	
14.PH-HVB	EC135T2+	ANWB - MAA	Lifeline1
20.D-HGVB	R44	Rotavisie	*
22.PH-4Q8	M24 Orion		
23.PH-HVB	EC135T2+	ANWB - MAA	Lifeline1
24.PH-HVB	EC135T2+	ANWB - MAA	Lifeline1
27.D-HROY	R44	Heli & Co	
PH-HCF	Cabri G2	HeliCentre	2x *
28.N-233	NH90-NFH	860sq	*Fiber02

Credits: Ernesto Bauer, Kees van Aggelen, Vliegveld Hilversum (Facebook + webcam).

### Gilze-Rijen

November 2017			
09.N-175	NH90-NFH	860sq	<u>Guardian22</u>
13.Q-29	AH-64DN	301sq	dep <u>Redskin52</u>
14.1x	F-16AM	322sq	* <u>Killer21</u>
1x	PC-7	131EMVOsq	*
<u>G-988</u>	C-130H	336sq	2x <u>NAF73</u>
<u>PH-CGC</u>	Do228-212	Kustwacht	* <u>NCG03</u>
17.S-444	AS532U2	300sq	arr <u>Wildcat01</u>
<u>S-457</u>	AS532U2	300sq	arr <u>Wildcat02</u>
21.G-988	C-130H	336sq	* <u>NAF78</u>
22.1x	PC-7	131EMVOsq	*
24.FB22	F-16BM	2w	* <u>BAF245</u>
L-07	PC-7	131EMVOsq	NAF131
27.D-102	CH-47D	298sq	dep Grizzly91
D-663	CH-47D	298sq	arr
28.L-02	PC-7	131EMVOsq	*Diamond09
L-03	PC-7	131EMVOsq	*Diamond14
L-06	PC-7	131EMVOsq	*Diamond11
L-08	PC-7	131EMVOsq	*Diamond10
L-10	PC-7	131EMVOsq	*Diamond13
N-233	NH90-NFH	860sq	Fiber02
30.FB24	F-16BM	10w/OCU (spec mks)	*BAF501

Gilze-Rijen traffic in November was normal compared to previous years. Highlight was Pilatus-mania Tuesday on 28 November with five different trainers visiting the field.

Additional note: The underlined movements above are gathered with help of ADS-B/scanner data.

Credits: Gilze Rijen Aviation Society, Scramble MB.



The Peter Pan Holidayclub was founded in 1996 on the initiative of a number of Transavia employees. (More information about the club: (in Dutch) <https://www.peterpanvakantieclub.nl/>) Every year they organize a fully catered and paid holiday trip. Transavia is contributing in the form of transport. The Peter Pan colours are designed by StudioDumbar, which is also responsible for Transavia's current house style. After being revealed PH-HSI made a round trip above the Netherlands with stopovers in Eindhoven and Rotterdam. The aircraft can be seen in these colours for the next 6 years. (Eindhoven, 11 November 2017, Luca Neggens)

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On 29 November 2017 the second batch of former Dutch F-16s found their way to their new home in Jordan. From Volkel five F-16AM and one F-16BM departed in their full Royal Jordanian Air Force colours/markings. Gerrit van de Veen was kind enough to send us his picture of this line-up.

### De Kooy

November 2017		
03. N1944S	E75	R. Heinen *
09. G-SNSF	AW139	CHC
13. 1x	CH-47D	298sq
17. <u>D-ISGS</u>	AP68TP	SVEGE Flugdienstleitungen
28. <u>S-456</u>	AS532U2	300sq <u>Wildcat68</u>
29. <u>S-456</u>	AS532U2	300sq <u>Duke4</u>

Additional note: The underlined movements above are gathered with help of ADS-B/scanner data.

Credits: SG De Kooy / Den Helder, Den Helder Aviation Photography, Oscar Sannen, Scramble MB.

### Leeuwarden

November 2017			
06. FA101	F-16AM	2w	dep BAF273
FB21	F-16BM	2w	BAF274
08. FB22	F-16BM	2w	BAF271
09. CE01	ERJ135LR	21sq	BAF611
30+60	EF2000	TLG73	10 GAFS01
10. CE02	ERJ135LR	21sq	BAF612
17. J-881	F-16AM	322sq	dep Rack01
22. J-014	F-16AM	312/313sq	*Sting3
J-015	F-16AM	312/313sq	Sting4
23. 17402	Falcon 50	Esq504	AFP25

November 2017 brought Leeuwarden the FWIT2017 graduation. Dedicated traffic included the Belgian F-16BM, ERJ135LR and German Typhoon. The first two Belgian F-16s are related to the broken single seater and the ferry pilot who was brought in the dual seater. On 17 November J-881 departed for SABCA/Charleroi for base maintenance, the two-ship Volkel based F-16AMs five days later had a emergency landing for Sting4 while accompanied by its wingman Sting3 continued on solo recovery back home. The Portuguese Falcon closed the month.

Credits: MILSpotters, Oscar Sannen, Dirk Visser and Scramble MB.

### Lelystad

November 2017			
02. D-GFFG	P68B	Sylt Air	03 2x
N492B	TBM-700	2B Airborne	
PH-LUX	PA-46-350P	LuxaJet	
03. N492B	TBM-700	2B Airborne	
OY-OMM	DA42NG	International Flight Referral	10
PH-LUX	PA-46-350P	LuxaJet	

PH-WIK	AS350B3	HeliAir	*
04. D-GLBA	DA42	vap-flightschool	13
PH-HGB	R44	HeliAir	*
05. PH-UNN	EC120B	HeliCentre	
11. PH-UNN	EC120B	HeliCentre	tdy
14. D-GEIL	PA-34-220T		17
17. G-ZDEA	DA42	Diamond Executive Aviation	WKT10
19. OO-PRM	Ce510	Air Service Liège	2x 22
22. N604EP	CL-604	TVPX ARS	arr
PH-ELP	EC135T2+	ANWB - MAA	
23. PH-HVB	EC135T2+	ANWB - MAA	Lifeline1
27. PH-PXB	EC135P2+	Nationale Politie	*ZXP02
30. PH-PXF	EC135P2+	Nationale Politie	ZXP06

The Challenger on the 22nd arrived for QAPS.

Credits: Ernesto Bauer, Kees van Aggelen, Berend Jan Floor, Richard Poeser, Lelystad Airport Aviation Group (Facebook), Scramble MB & Flantuas webcam.

### Volkel

November 2017			
01. J-061	F-16AM	322sq (td 322sq mks)	Slammer2
J-367	F-16AM	322sq (td 322sq mks)	Slammer1
J-515	F-16AM	322sq (nb)	Slammer4
J-881	F-16AM	322sq (td 322sq mks)	Slammer3
PH-LAB	Ce550	NLR - TU Delft	
02. J-362	F-16AM	322sq	Slammer4
J-367	F-16AM	322sq	Slammer1
J-516	F-16AM	322sq	Slammer2
J-624	F-16AM	322sq	Slammer3
03. G-781	C-130H	336sq	NAF71
L-04	PC-7	131EMVosq	*Razor04
L-13	PC-7	131EMVosq	*Diamond07
06. J-021	F-16AM	322sq	Killer03/Blade
J-201	F-16AM	322sq	Killer01
J-509	F-16AM	322sq	20 Killer04/03
J-881	F-16AM	322sq	Killer02
08. J-021	F-16AM	322sq	Killer01/03
J-065	F-16BM	322sq	Slammer02/Killer02
J-624	F-16AM	322sq	Killer02/04
J-881	F-16AM	322sq	Slammer01/Killer01
13. J-367	F-16AM	322sq	Killer03/01
J-515	F-16AM	322sq	Killer01/Saw01
J-516	F-16AM	322sq	Killer02/Saw02
J-881	F-16AM	322sq	Killer04/02
14. J-061	F-16AM	322sq	Killer04
J-515	F-16AM	322sq	Killer01
J-516	F-16AM	322sq	Killer03
J-624	F-16AM	322sq	Killer02
16. J-011	F-16AM	312/313sq	dep Tiger01



J-021	F-16AM	322sq	Killer03	28. J-201	F-16AM	322sq	01 Nasty01/Polly02
J-061	F-16AM	322sq	Killer02	29.237	F-16AM	RJAF	dep RJZ242A
J-063	F-16AM	312/313sq	arr Tiger01	238	F-16AM	RJAF	dep RJZ242F
J-516	F-16AM	322sq	Killer01	239	F-16AM	RJAF	dep RJZ242E
J-879	F-16AM	322sq	Killer04	241	F-16AM	RJAF	dep RJZ242B
17.44+72	Tornado IDS	TLG33	*GAFFE14	245	F-16AM	RJAF	dep RJZ242C
20.D-667	CH-47D	298sq	*Grizzly23	250	F-16AM	RJAF	dep RJZ242D
J-002	F-16AM	322sq	Killer01	J-628	F-16AM	322sq	01 Polly01/Saw02
J-061	F-16AM	322sq	Killer02	30.1x	F-16AM	322sq	*Dawg01
J-066	F-16BM	KTV/322sq	Killer04	44+73	Tornado IDS(T)	TLG33	*GAFFE32
21. J-061	F-16AM	322sq	Killer02/Blade04	46+02	Tornado IDS	TLG33	*GAFFE33
J-066	F-16BM	KTV/322sq	Killer01/Blade03	J-003	F-16AM	312/313sq	arr NAF313
J-516	F-16AM	322sq	Blade01				
J-624	F-16AM	322sq	Blade02				
22. J-002	F-16AM	322sq	Killer04				
J-061	F-16AM	322sq	Killer03				
J-516	F-16AM	322sq	Killer01				
J-631	F-16AM	322sq	Killer02				
23. J-002	F-16AM	322sq	Killer02/Blade02				
J-065	F-16BM	322sq	*Dropshot01				
J-509	F-16AM	322sq	Killer03/02				
J-624	F-16AM	322sq	Killer01				
J-631	F-16AM	322sq	Killer04/Blade01				
27. J-065	F-16BM	322sq	29 Polly01/Killer02				
J-362	F-16AM	322sq	08 Slammer01/Fist04				
J-879	F-16AM	322sq	01 Slammer02/Polly01				

Leeuwarden visited Volkel trough out the month for a number of night flying operations. Most of the numbers are known however the matching callsigns are not complete so hence the gaps. On the 29th the second batch delivery of former Dutch F-16s to Jordan took place. The callsigns are gathered from one ground abort, their sequence of departure and procedure from the first batch. By the time this Scramble reached your doorstep the third and final batch is also delivered. We close the month with two Tornados and one local F-16AM returning from Portugal.

Credits: SGVolkel Message Board, Oscar Sannen, Scramble MB.



PH-KZH was delivered to KLM Cityhopper in February 1997 but directly leased by Austrian Lines till October 1997. The Fokker 70 served with Cityhopper until August 2014. Insel Air took delivery of the aircraft as PJ-FKC in September 2014 but transferred the aircraft to Insel Air Aruba as P4-FKC one month later. A court in Aruba declared Insel Air Aruba bankrupt in June 2017. On 28 October the aircraft was seen at Curaçao again as PH-KZH. It was flown back to the Netherlands as such, registered to a company called Airline Technical Support. (Woensdrecht, 29 November 2017, Jan Hendrik de Wit)

## Woensdrecht

November 2017			
01. PH-HZV	B737-8K2	Transavia	arr TRA051
02. HA-LWN	A320-232	Wizz Air	09 WZZ801/3
PH-HSF	B737-8K2	Transavia	dep TRA052
06. FB15	F-16BM	10w/OCU	*BAF431
F-HBAL	A319-111	Aigle Azur	arr AAF011T
F-HXXL	A330-243	XL Airways France	f/v 21 XLF010/3
OE-LCM	A321-211	Niki (BER c/s)	arr NLY122P
OE-LCO	A321-211	Niki (BER c/s)	arr NLY120P
EI-EZC	A319-112	Rossiya	07 SDM5401/2
07. D-101	CH-47D	298sq	*Grizzly12
Q-13	AH-64DN	301sq	tst Redskin05
08. HL8231	B737-85P	Eastar Jet	dep ESR24D
PH-XRA	B737-7K2	Transavia	dep TRA079
09. Q-13	AH-64DN	301sq	tst Redskin05
HA-LWM	A320-232	Wizz Air	arr WZZ801
10. N737ER	B737-7CJ	BBJ One	dep
13. Q-13	AH-64DN	301sq	tst + dep Redskin05
14. G-988	C-130H	336sq	*NAF73
J-063	F-16AM	312/313sq	tst Kaplan01
15. D-ALXX	A319-115X	K5-Aviation	arr KAY52
16. D-663	CH-47D	298sq	tst Grizzly91
G-988	C-130H	336sq	*NAF78
J-011	F-16AM	312/313sq	arr Tiger01
J-063	F-16AM	312/313sq	dep Tiger01
RA-89081	RRJ-95LR	Yamal (a/w)	f/v 25 LLM9501/2
17. D-663	CH-47D	298sq	tst Grizzly91
Q-25	AH-64DN	298sq	arr Redskin05
OO-NHV	AS365N3	NHV	*NCG10
20. VP-CKS	A318-112CJ	Kalair	02
OE-LCI	A321-211	Niki (BER c/s)	arr NLY137P
21. G-988	C-130H	336sq	*NAF78
23. VQ-BTK	A319-111	VIM Airlines	arr
27. D-102	CH-47D	298sq	arr Grizzly91
D-663	CH-47D	298sq	tst Grizzly91
Q-18	AH-64DN	301sq	tst Redskin06
OH-LXC	A320-214	Finnair	arr FIN8921
PH-HZL	B737-8K2	Transavia	arr TRA055
28. D-663	CH-47D	298sq	tst Grizzly91
J-144	F-16AM	322sq	tst Dawg
Q-18	AH-64DN	301sq	tst Redskin06
29. CH07	C-130H	20sq	*BAF672
D-663	CH-47D	298sq	tst Grizzly91
J-144	F-16AM	322sq	dep Nasty

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This Airbus A330 was delivered to Livingston Energy Flight in July 2004 as I-LIVN. In September 2010 it was withdrawn from use and destined for Jet Airways but that deal fell through. In May 2011 the aircraft was added to the Air Europa fleet of as EC-LMN and served the airline until April 2017. XL Airways France took delivery of this Airbus in June 2017 as F-HXXL and as such was the first widebody to visit Woensdrecht. (Woensdrecht, 6 November 2017, Johan Havelaar)

D-ABNR	A320-214	Air Berlin	arr BER29P	PH-PXE	EC135P2+	Nationale Politie	ZXP05
OE-IEB	A319-112	Doric	tst	03.PH-RLD	Saab 91D	Vliegend Museum Seppe	
PH-ELP	EC135T2	ANWB - MAA	Lifeline2	04.PH-CGN	Do228-212	Kustwacht	NCG01
PH-KZH	Fokker 70	Airline Technical Support	arr SXI1747	07.PH-COM	PA-30	Dutch Airline Pilots Aero Club	
30.PH-HZJ	B737-8K2	Transavia	arr TRA051	13.D-HROY	R44	Heli & Co	

On the 6th the first ever Airbus A330 arrived at the airport. The Yamal Sukhoi Super Jet on the 16th was the first visit of the type to Woensdrecht, arriving all white to leave in full Yamal colours. The Fokker 70 on the 29th is former P4-KFC. The aircraft arrived in full InselAir colours.

Credits: Johan Havelaar, Scramble MB.

#### Texel

November 2017			
01. PH-DKI	P68C	Zeeland Air	
02. D-GFPG	P68	Sylt Air	
PH-DKI	P68C	Zeeland Air	03

PH-PXE	EC135P2+	Nationale Politie	ZXP05
03.PH-RLD	Saab 91D	Vliegend Museum Seppe	
04.PH-CGN	Do228-212	Kustwacht	NCG01
07.PH-COM	PA-30	Dutch Airline Pilots Aero Club	
13.D-HROY	R44	Heli & Co	
PH-WRW	EC120B	Heli Holland Holding	
14.PH-PXC	EC135P2+	Nationale Politie	ZXP03
PH-PXY	AW139	Nationale Politie	ZXP25
PH-PXZ	AW139	Nationale Politie	ZXP26
22.L-10	PC-7	131EMVosq	Diamond06
24.PH-PXA	EC135P2+	Nationale Politie	ZXP01
PH-PXA	EC135P2+	Nationale Politie	ZXP01
PH-PXF	EC135P2+	Nationale Politie	ZXP06
27.PH-PXA	EC135P2+	Nationale Politie	ZXP01
28.D-HROY	R44	Heli & Co	
PH-PXC	EC135P2+	Nationale Politie	ZXP03
30.PH-PXC	EC135P2+	Nationale Politie	ZXP03

Credit: Texel Airport.



Former KLM aircraft PH-BFR will make its last flight on the 6th of December to Twente Airport. The flight of the Boeing 747-400 was executed by KLM on behalf of the new owner APOC Aviation, one of the newest aircraft part-out companies. The aircraft will be disassembled by AELS according to the highest environmental standards. The Jumbo was delivered to the KLM in January 1994. As of 2018 we will also publish the logs for this airport starting with the January list thanks to the EHTW Spotters community. (Twente, 9 December 2017, René Vink - Birdman99 Aviation Weblog)

# Movements Belgium



Adria Airways took delivery of this CRJ200LR in March 2000. It was withdrawn from use in November 2016 and nine months later the aircraft was added to the ProAir Aviation fleet as D-AGRA. The aircraft is being operated on behalf of Global Reach Aviation. (Antwerp, 25 November 2017, Walter Van Brempt)

## Antwerp

November 2017							
01.D-GEWF	DA42	M. Haesslich	02	G-MSPT	EC135T2	S.J. Golding	f/v 09
D-IMAX	Ce525A	Silver Cloud Air		OK-PMC	PC-12/47E	OK Aviation Wings	
OE-LIR	Do328-110	Welcome Air	02	09.ST48	SF260D	CC Air	
OO-GEE	PC-12/47E	Blue Sky Aviation	03	CS-CHD	CL-350	NetJets Europe	
OO-GMJ	Beech 350	Air Service Liège	09	D-HBWH	Bo105S	Air Lloyd	25
02.CS-LTA	Ce680A	NetJets Europe	03	D-ICOW	MU-2B-60	Oltseeflug Air Charter	
CS-LTC	Ce680A	NetJets Europe		D-IRUP	Ce551	R+P Flugcharter	
D-CAWU	Ce560XLS	Adolf Wurth		D-IVIP	Beech B200	VHM Schul- und Charterflug	10
F-HSHA	Ce510	Flybox		G-MSPT	EC135T2	S.J. Golding	
PH-TCN	P180	JetNetherlands	03	G-PAOL	Ce525B	Blu Halkin	10
03.OO-STR	AS350B3	Stephex Stables		OO-ACO	Ce510	Air Service Liège	10
PH-MRO	Ce421C	Q-Flights	05	OO-GEE	PC-12/47E	Blue Sky Aviation	10
SE-MBJ	PA-34-220T	Akrus		OO-GMJ	Beech 350	Air Service Liège	10
04.9H-FAM	EMB500	Luxwing	05	PH-BYD	Beech 58	KLS	
D-CAST	Ce525B	Air Hamburg		SP-PAC	PAC-750XL	Liquid Sky	f/v 10
D-IMAX	Ce525A	Silver Cloud Air	05	10.ST43	SF260D	CC Air	
N600J	G550	Johnson & Johnson	05	D-IATE	CeF406	Air Taxi Europe	
OO-GEE	PC-12/47E	Blue Sky Aviation	05	D-IVIP	Beech B200	VHM Schul- und Charterflug	
05.9H-KAZ	BAe125-900XP	Hyperion Aviation		N892WA	RC690A	Reni Aviation	28
CS-DXH	Ce560XLS	NetJets Europe	06	OO-VPD	PA-34-220T	VT Aviation	11
N472MM	G-IV	Pegasus Elite Aviation	f/v	SP-NAZ	PA-46-350P	A. Vissers	18
OK-UNI	Ce680	Travel Service		11.9A-JIM	Ce525	Air Pannonia	
OO-IDE	Ce525	Air Service Liège		LX-EBE	Ce560XLS+	Flying Group Luxembourg	16
PH-TCN	P180	JetNetherlands		N900LY	G-V	Lyon Aviation	f/v 15
06.9H-KAZ	BAe125-900XP	Hyperion Aviation	14	OO-VPD	PA-34-220T	VT Aviation	
CS-LAU	Ce680A	NetJets Europe		12.OE-FNP	Ce510	GlobeAir	14
D-ICOW	MU-2B-60	Oltseeflug Air Charter		OK-PMI	Beech 400A	Queen Air	
07.ST22	SF260M+	CC Air		OO-ACO	Ce510	Air Service Liège	14
ST43	SF260D	CC Air		PH-SOE	PC-12/47E	H. van Soest	
D-FNAH	PC-12/47E	Fresena Flug		13.CS-DXU	Ce560XLS	NetJets Europe	
D-FSRS	PA-46-500TP	Schrage Conveyingsystems	f/v	D-CAAM	Do228-212	Arcus Air	
D-ITAN	Ce525	Transavia		M-PIRE	P180	Northside Aviation	15
F-GLND	Beech 1900D	Twin Jet		N500LU	PA-46-500TP	Medtronic Belgium	14
G-LUBB	Ce525	Centreline Air Charter	08	OO-JDB	PA-46R-350T	Juri	23
LX-EBE	Ce560XLS+	Flying Group Luxembourg	10	OY-APM	G450	Maersk Air	f/v
OO-FTS	Ce560XL	Luxaviation Belgium		14.D-BETI	Falcon 50EX	A. Würth	
OO-GEE	PC-12/47E	Blue Sky Aviation	08	D-CAAM	Do228-212	Arcus Air	
08.ST47	SF260D	CC Air		D-HBWH	Bo105S	Air Lloyd	tst
2-CREW	Ce208B	Waves	f/v	OO-FYS	Ce525B	Luxaviation Belgium	
G-FXKR	Beech 400XT	Flexjet	f/v 09	OO-PMV	R44	Take	
				PH-ROD	PA-46-350P	Euroconsult	17
				PH-SOE	PC-12/47E	H. van Soest	
				15.D-CHGS	EMB505	Hans Grohe	16

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HB-ALL	ATR72-202F	Zimex Aviation	f/v	OO-DTE	EC120B	Heliventure FTO	
HB-IGV	Falcon 50EX	VF International		OO-EYP	EC120B	Heli W.S.	
OO-ACO	Ce510	Air Service Liège	17	OO-STR	AS350B3	Stephex Stables	
OO-GMJ	Beech 350	Air Service Liège	17	23.G-MSPT	EC135T2	S.J. Golding	
16.9H-VFA	CL-605	VistaJet		LX-JFB	PC-12/47E	Jetfly Aviation	f/v 24
D-HBWH	Bo105S	Air Lloyd	tst	M-LEYS	Beech C90GT	Heres Aviation	24
HB-IGV	Falcon 50EX	VF International		OY-LGI	Global 6000	Execujet Scandinavia	f/v
M-CRAO	Beech B300	Dr.Oetker	17	PH-CGC	Do228-212	Kustwacht	
N900LY	G-V	Lyon Aviation	18	PH-CJM	Ce680	ASL	
PH-TXA	Ce510	ASL	17	PH-TXA	Ce510	ASL	24
17.RN01	NH90-NFH	40sq		24.HB-PJC	PA-46-500TP	CP Aviation	f/v
ST48	SF260D	CC Air		OE-FBD	Ce510	GlobeAir	
CS-LTB	Ce680A	NetJets Europe	19	OO-ACO	Ce510	Air Service Liège	25
D-CHGS	EMB505	Hans Grohe		OO-PCJ	PC-12/47E	EAPC	
D-HBWH	Bo105S	Air Lloyd	tst	25.D-AGRA	CRJ200LR	ProAir Aviation	f/v 27 2x
D-IAAR	EMB500	Arcus Air	f/v	LX-EVM	Falcon 2000LX	Global Jet Luxembourg	26
OO-PCI	PC-12/47E	EAPC		LX-JFZ	PC-12/47E	Jetfly Aviation	28
PH-DAM	P180	JetNetherlands		M-ARTY	PC-12/47E	Creston (UK)	
PH-TXA	Ce510	ASL	18	OO-ACO	Ce510	Air Service Liège	27
18.M-LEYS	Beech C90GT	Heres Aviation		PH-CJM	Ce680	ASL	27
OO-ACO	Ce510	Air Service Liège	20	26.OE-FBD	Ce510	GlobeAir	28
OO-STR	AS350B3	Stephex Stables		PH-WDL	PA-34-220T	Cordial Beheer	
19.CS-LTB	Ce680A	NetJets Europe	20	YU-FNR	Ce525	Eagle Express	27
LX-EBE	Ce560XLS+	Flying Group Luxembourg	20	27.D-IAAY	EMB500	Arcus Air	
OE-FHA	Ce510	GlobeAir	20	M-ARTY	PC-12/47E	Creston (UK)	
OO-STR	AS350B3	Stephex Stables		OO-ACC	Ce525A	Air Service Liège	
PH-DAM	P180	JetNetherlands	28	28.D-CASH	EMB505	Air Hamburg	
PH-DIX	PC-12/45	Din Air		F-HPEB	Lj40	ADD	29
20.F-HINC	Lj75	Agroair	21	N771BA	RC690B	Space Imaging Middle East	
G-LUBB	Ce525	Centreline Air Charter	21	OO-ACO	Ce510	Air Service Liège	30
OE-FAT	Ce510	GlobeAir	f/v 21	OO-PCJ	PC-12/47E	EAPC	
OK-PCC	PC-12/47E	T-Air		PH-DAM	P180	JetNetherlands	
OO-ACO	Ce510	Air Service Liège	22	29.D-BEKY	Falcon 2000LX	BASF	2x
PH-MRO	Ce421C	Q-Flights	22	D-CSEB	Ce560XLS+	Adolf Wurth gmbh	30
PH-TXA	Ce510	ASL	21	D-HEOY	EC135T1	Heliventure FTO	
21.D-FABS	PC-12/47E	Schumacher Packaging		G-CEYL	Global Express	TAG Aviation	f/v
F-HPEB	Lj40	ADD		LX-EBE	Ce560XLS+	Flying Group Luxembourg	
G-FBKG	Ce510	Blink	22	OO-ACC	Ce525A	Air Service Liège	
N363JR	PA-46-500TP	Devuma	22	30.CS-LTD	Ce680A	NetJets Europe	f/v
PH-DIX	PC-12/45	Din Air		D-CJET	Ce525B	Air Hamburg	01
PH-TXA	Ce510	ASL	23	F-HTTO	Global 5000	Flying Group	
22.CS-DKD	G550	NetJets Europe		PH-TXA	Ce510	ASL	02
D-HEOY	EC135T1	Heliventure FTO					
G-FJET	Ce550	London Executive Avn.	23				
G-MSPT	EC135T2	S.J. Golding					
LX-JFZ	PC-12/47E	Jetfly Aviation					
M-LWSG	Global 6000	Lynx Aircraft	f/v				
OO-ACC	Ce525A	Air Service Liège	23				

The Diamond on the 2nd also carries Gemeinsam Günstiger Fliegen titles. Not listed but worth mentioning is the emergency landing of Kubicek BB34Z OO-BSN on the 2nd due to deteriorating weather conditions.

Credits: ASA Belgium vzw, Luchtzak.be forum.



The PAC 750XL is a utility aircraft designed and manufactured in Hamilton, New Zealand by Pacific Aerospace Limited. The type is not very well known in Europe. SP-PAC was delivered to Sky Camp, Poland as ZK-KDC mid 2016. The aircraft arrived from Chomutov, Czechia and departed to Clonbullogue Airfield, Ireland. (Antwerp, 25 November 2017, Walter Van Brempt)



Bulgarian charter airline Electra Airways was founded in 2016 but commenced flight operations in August 2017. Former Airtours Airbus A320 LZ-EAA is currently the sole aircraft. (Brussels, 7 November 2017, Steven Picalausa)

## Brussels

			November 2017		
01.RN07	NH90-TTH	1w	MM62245	Falcon 900EX	93° Gruppo TS
9H-JOY	CRJ200ER	Air X Charter	258	Lj45	MATS
C-GDPF	Global XRS	Execaire	2901	L-410UVP-E20	Dopravné krídl
CS-DLD	Falcon 2000EX	NetJets Europe	T.18-4/45-43	Falcon 900B	451 Esc 07
CS-DUB	BAe125-750	NetJets Europe	102004	Tp102C	TSFE
D-AONE	CL-604	Air Alliance Express	T-785	Falcon 900EX	LTDB 07
F-HRAM	ERJ145LU	Aero4M	9H-ZAZ	B737-436	Air Horizont
HB-JIN	Falcon 900EX	Jet Aviation	D-BUBI	CL-300	Windrose Flugcharter
N313AQ	Ce510	Aquapresen Cosmetiks USA	D-CTRI	Lj35A	Air Alliance
OO-KIN	Ce680	Flying Group	D-FUEL	PC-12/47E	Swiss Business Air
02.51+05	C-160D	LTG63	EI-GDI	B737-800	Ryanair f/v RYR1452/3
CS-DKK	G550	NetJets Europe	F-HERE	Ce510	Wijet 07
F-HBTV	Ce525	Astonjet	F-HOIE	P180	Investairs
N543TX	Ce525C	Textron Aviation	G-CIEL	Ce560XL	Luxaviation UK
OE-IML	ERJ135BJ	Avcon Jet	G-FLBK	Ce510	Wijet
OK-MAR	Ce525A	Aeropartner	G-FXCR	Beech 400XT	FLJ53/51
OO-VMF	Ce560XLS+	Air Service Liège	G-LSCW	G550	Gama Aviation
PH-CJM	Ce680	ASL	HB-GPH	Beech B200	Pinkerton
03.51+05	C-160D	LTG63	HB-JIN	Falcon 900EX	Jet Aviation
252	CN235M-100	101sq	LX-FPF	Ce525B	Flying Group Luxembourg
D-CTIL	Lj35A	Air Alliance	LX-JFH	PC-12/45	Jetfly Aviation
G-OBYG	B767-304ER	TUI Airways dep TOM9237	N604CW	CL-604	Jayhawk 07
OE-GXX	Lj40	Int'l Jet Management	N616RK	G550	Tenax Aerospace
04.CS-TQW	A330-223	Hi Fly 05 HFY361P/BAF600	OE-FKO	Ce525A	Avcon Jet
D-BFIL	EMB545	Atlas Air Service	OE-FPP	Ce510	GlobeAir 07
F-HBTV	Ce525	Astonjet	OE-GPS	Ce550 Bravo	Tyrol Air Ambulance
OE-GXX	Lj40	Int'l Jet Management	OE-LIR	Do328-110	Welcome Air
OM-GEX	B737-8AS	AirExplore dep JAF712P	OM-BYK	A319-115X	Slovak Government 07 SSG4A
OO-FYS	Ce525B	Luxaviation Belgium	OO-VMF	Ce560XLS+	Air Service Liège
OO-TCT	A320-212	VLM Airlines dep TCW7011	SP-KPG	Saab 340A	SprintAir
SP-KPG	Saab 340A	SprintAir	SP-LIH	ERJ175LR	Polish Government
05.CS-CHE	CL-350	NetJets Europe	TC-SGO	Falcon 2000LX	Nurul Air
CS-DLF	Falcon 2000EX	NetJets Europe 06	07.0260	Yak-40	241.dlt
CS-DUB	BAe125-750	NetJets Europe	MM62209	A319-115X	306° Gruppo TS
D-CHIC	EMB505	Air Hamburg 06	MM62210	Falcon 900EX	93° Gruppo TS
F-HERE	Ce510	Wijet	2601	L-410UVP	242.tsl
N604GF	CL-604	TVPX ARS	102004	Tp102C	TSFE
OO-KIN	Ce680	Flying Group	93-005	Ce650	212 Filo 09
OO-LMS	Falcon 900LX	Luxaviation Belgium	75-0125	E-4B-BN	1st ACCS 09 Hank88
OO-PAR	Ce525B	Luxaviation Belgium	9H-FOX	A340-313X	Hi Fly Malta
PH-CJM	Ce680	ASL	9H-OME	B737-505	Air X Charter
06.0260	Yak-40	241.dlt	CS-LTC	Ce680A	NetJets Europe
3085	A319-115X	241.dlt	F-GVMI	Global 6000	LVMH
LJ-2	Lj35A	TukiLLv	F-HLRX	Falcon 2000LX	Michelin
14+01	Global 5000	FBS BMVg 07	F-HRAV	ERJ145LU	Aero4M
14+02	Global 5000	FBS BMVg 07	LX-EVM	Falcon 2000LX	Global Jet Luxemburg
406	An-26	MH 59. Sz.D. R 07	LZ-EAA	A320-231	Electra Airways EAF7832/3
MM62210	Falcon 900EX	93° Gruppo TS 07	N407KZ	B747-4KZF	Atlas Air (a/w) GTI511
			OK-FTR	Ce510	CTR Group
			OO-FYS	Ce525B	Luxaviation Belgium
			OO-PAR	Ce525B	Luxaviation Belgium

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OO-VMF	Ce560XLS+	Air Service Liège		HB-JIN	Falcon 900EX	Jet Aviation	10
P4-BFL	G450	Bestfly Worldwide		N588LQ	Global 6000	Zetta Jet USA	10
SE-RIL	Ce560XLS	H-Bird Aviation Services		OE-FHA	Ce510	GlobeAir	
SP-TAT	Beech 400A	Smart Jet		OE-GBE	IAI1125SPX	Tyrol Air Ambulance	
08.C-215	CL-604	ESK 721	09	OO-CIV	Ce525A	Luxaviation Belgium	
110/XP	TBM-700A	ET00.041		OO-VMF	Ce560XLS+	Air Service Liège	
15+01	A319-115X	FBS BMVg	09	SP-LIH	ERJ175LR	Polish Government	
678	G-V	352 MMYP	09	10.L1-01	Falcon 2000EX	Slovenian Air Force	
MM62210	Falcon 900EX	93° Gruppo TS		01-0076	C-37A	76th AS	
L1-01	Falcon 2000EX	Slovenian Air Force		CS-DQB	Ce560XLS	NetJets Europe	
T.18-5/45-44	Falcon 900B	451 Esc	09	CS-DXL	Ce560XLS	NetJets Europe	
01-0029	C-37A	310th AS		D-ICEE	Ce525	Spree Flug	
4K-AZ88	G200	SW Aviation	09	F-HIBF	Ce510	Astonjet	
9H-CIO	Global Express	Comlux Malta		F-HOLY	A109SP	Skycam Helicopteres	
A7-AAG	A320-232	Qatar Amiri Flight		F-HSFJ	Ce680A	Astonjet	
CS-DLF	Falcon 2000EX	NetJets Europe	09	G-FBLK	Ce510	Wijet	
D-CLAV	EMB505	Liebherr Aerospace		G-YMKH	ERJ135BJ	TAG Aviation (UK)	
D-IXAA	Beech C90GTi	Peak Air		OE-FHA	Ce510	GlobeAir	
EC-LTF	Global 6000	TAG Aviation España		OO-HHO	Falcon 8X	Luxaviation Belgium	del
F-HBZA	Ce550	Valljet		11.99-0004	C-32A	1st AS	
F-HLPM	Falcon 2000LX	Michelin		CS-TQW	A330-223	Hi Fly	<u>12 BAF600/HFY362P</u>
G-FXCR	Beech 400XT	Flexjet	<u>10 FLJ51/52</u>	D-CCAB	Ce550 Bravo	Falck – Jetkontor	
HB-VNA	Ce560	Speedwings		D-CHIP	Ce680	E-Aviation	
I-FXR1	P180	K Air		D-ITMA	Ce525A	Luxaviation Germany	
I-MPGA	Raytheon 4000	Alba		F-HOLY	A109SP	Skycam Helicopteres	
LZ-AOB	A319-112	Government of Bulgaria		OO-FYS	Ce525B	Luxaviation Belgium	
M-LAAA	Global 6000	ALM Jet		OO-PAR	Ce525B	Luxaviation Belgium	
N551TG	G550	MSG Aircraft Leasing		12.2801	A319-115X	241.sdl	13 CEF5C
N604CW	CL-604	Jayhawk	09	14+02	Global 5000	FBS BMVg	
OE-FDK	SC-7	Pink Aviation		135L-484	ERJ135BJ	352 MMYP	
OE-FZB	Ce510	GlobeAir		MM62243	A319-115X	Italian AF	
OM-BJB	Ce525A	Berlin Jets		T.18-2/45-41	Falcon 900B	451 Esc	13
OM-BYK	A319-115X	Slovak Government	<u>09 SSG4</u>	9H-ALL	Ce525A	Luxwing	
OO-VMF	Ce560XLS+	Air Service Liège		CS-TQW	A330-223	Hi Fly	
VP-CKK	B737-9JAER	National Air Services		D-IMAX	Ce525A	Sylt Air	
09.0260	Yak-40	241.dlt		G-FBKC	Ce510	Wijet	
MM62210	Falcon 900EX	93° Gruppo TS		OO-HHO	Falcon 8X	Luxaviation Belgium	dep <u>AAB772</u>
ZE700	BAe146 CC2	32(TR)sq		Z3-MKD	Lj60	Government of Macedonia	
C-FIPX	Global XRS	IP Aviation		13.14+04	Global 5000	FBS BMVg	
CS-LAS	Ce680A	NetJets Europe		678	G-V	352 MMYP	
CS-TQZ	A340-313X	Hi Fly	<u>13 NAX8992/HFY621P</u>	MM62209	A319-115X	306° Gruppo TS	
D-CAAA	Ce560XLS+	DC Aviation		MM62245	Falcon 900EX	93° Gruppo TS	
D-CAWS	Ce680	Aerowest		023	C295M	8.BLTr	
D-CGBR	Lj55	Jet Executive Int'l Charter	10	L1-01	Falcon 2000EX	Slovenian Air Force	
D-CLAV	EMB505	Liebherr Aerospace		T22.2/45-51	A310-304	451 Esc	14 – /AME4508
D-IMHA	Ce525A	MHS Aviation	10	102005	Tp102D	TSFE	
F-HBTV	Ce525	Astonjet		ZE700	BAe146 CC2	32(TR)sq	
F-HGOD	P180	Investairs		05-4613	C-40C	73rd AS	15
F-HRAV	ERJ145LU	Aero4M		165151	C-20G	CFLSW Det. Sig	



RwandAir signed a firm contract with Airbus for an A330-200 and a larger A330-300 at a signature ceremony in Kigali, Rwanda in September 2015. 9XR-WN was delivered one year later. The East African carrier started flights to Brussels in the summer of 2017 as a continuation of their London service.(Brussels, 7 November 2017, Marcus Steidele)



This triple seven was manufactured by Boeing in 2010. It was transferred to the Boeing Business Jets department a few months later already registered as VP-CAL. Although registered to Montkaj Ltd, it was delivered to the Aviation Link Company two years later. The company was founded in 2010 and is based in the Kingdom of Saudi Arabia. It is said that Prince Mohammad bin Fahd bin Abdul Aziz Al Saud is the owner of the aircraft, who coincidentally owns a large yacht called Montkaj. (Brussels, 15 November 2017, Jan-Pieter Libens)

D-BEKY	Falcon 2000LX	BASF	N886WT	G650	Qualcomm
D-CSEB	Ce560XLS+	Adolf Würth	OE-FDT	Ce510	GlobeAir
D-IXXX	Ce525	ProAir Aviation	OY-JJH	Do328-310	Joinjet
F-HECD	Falcon 7X	Luxaviation France	PH-FJK	Ce525B	ASL
F-HEXR	Falcon 7X	Dassault Aviation	17.9H-CGH	Falcon 50EX	Elit'Avia Malta
F-HKRA	Ce525	Pegase	9H-JOY	CRJ200ER	Air X Charter
LX-EAA	Lj45	DucAir – LAR	CS-DXY	Ce560XLS	NetJets Europe
N605CH	G550	JP Morgan Chase Bank	LX-MBE	Falcon 2000	Global Jet Luxembourg
OE-GLJ	Lj60XR	Laudamotion	LX-WEB	Ce525B	Jetfly Aviation
OM-BYC	Fokker 100	Slovak Government	N269WR	G-IVSP	Westgate Aviation
OO-JAV	B737-8K5	TUI Belgium	SSG4	G550	Johnson & Johnson
XA-ICU	Lj35A	Met Jets	dep JAF111	Ce510	GlobeAir
14.01	C-17A	HAW	OO-HHO	Falcon 8X	Luxaviation Belgium
2707	C-27J	Esc.902 Av.Tr.	OO-PAR	Ce525B	Luxaviation Belgium
9H-CGH	Falcon 50EX	Elit'Avia Malta	OO-SDT	Beech 350	Bongrain Benelux
D-CITA	Lj60	German Privat Jet Group	18.F-HOLY	A109SP	Skycam Helicopteres
OM-BYC	Fokker 100	Slovak Government	G-FLBK	Ce510	Wijet
OO-CLA	Ce525C	Luxaviation Belgium	LX-WEB	Ce525B	Jetfly Aviation
OY-JJH	Do328-310	Joinjet	N532TX	Ce530	Textron AirLand
T7-AZH	G450	Smart Aviation	19.CS-DXR	Ce560XLS	NetJets Europe
VP-CAL	B777-2KQLR	Aviation Link Company	CS-LTB	Ce680A	NetJets Europe
15.50+36	C-160D	LTG62	D-CJET	Ce525B	Air Hamburg
525	C-130J-30	Royal Flight	D-INCS	Ce525	Jetkontor
CS-PHA	EMB505	NetJets Europe	F-GZHB	B737-8GJ	Transavia France
D-CHRE	Ce680	Hahn Air	G-POWM	A320-232	02 TVF100/465
D-CMMP	Ce560XLS	Stuttgarter Flugdienst	G-POWM	A320-232	Titan Airways
EC-LTF	Global 6000	TAG Aviation España	HB-FXC	PC-12/47E	20 AWC593P/954
EI-KMA	CL-604	Gain Jet Ireland	LX-GJM	Ce525C	TAG Aviation
F-HOLY	A109SP	Skycam Helicopteres	N147QS	Global 6000	Global Jet Luxembourg
F-HSAO	Ce680A	Ixair	N194ER	Ce510	NetJets
N581D	G550	Dupont Aviation	OE-FPP	Ce510	Blue Sky Aviation
OE-GHB	Ce560XLS	Bertsch-Aviation	OE-GXX	Lj40	GlobeAir
OE-GKW	G100	Tyrol Air Ambulance	OO-PAR	Ce525B	Int'l Jet Management
OM-BYC	Fokker 100	Slovak Government	20.CS-DXU	Ce560XLS	Luxaviation Belgium
OO-DWD	BAe146-RJ100	Brussels Airlines	D-BOBI	Falcon 2000LX	NetJets Europe
OO-KOR	Ce525A	Luxaviation Belgium	D-CITA	Lj60	BASF
OO-VLN	Fokker 50	VLM Airlines	D-CJET	Ce525B	German Privat Jet Group
SE-RCM	Ce560XLS	European Flight Service	D-CQQQ	Ce560XLS+	Air Hamburg
YU-BNA	Falcon 50	Serbian Government	EC-LTF	Global 6000	DC Aviation
YU-BRZ	Lj31A	Avio Service	G-FLBK	Ce510	TAG Aviation España
16.50+36	C-160D	LTG62	G-POWM	A320-232	Wijet
9H-JOY	CRJ200ER	Air X Charter	LX-JFZ	PC-12/47E	Titan Airways
C-GNDN	G550	Skyservice Aviation	N194ER	OE-FKO	AWC959/595P
CS-LAU	Ce680A	NetJets Europe	OE-FKO	Ce525A	Jetfly Aviation
D-CHIP	Ce680	E-Aviation	OE-GKW	G100	Blue Sky Aviation
D-CWAY	LJ55	MHS Aviation	OM-BYC	Fokker 100	Avcon Jet
D-INCS	Ce525	Jetkontor	OO-FYS	Ce525B	Tyrol Air Ambulance
EC-INO	A340-642	Iberia	S5-ACJ	ERJ145LU	Slovak Government
F-HGOD	P180	Investairs	21.9H-OME	B737-505	Luxaviation Belgium
HZ-ATR	B737-9FGER	Al-Atheer Aviation	D-BOBI	Falcon 2000LX	Aero4M
I-DARC	P180	CAI	D-CAAY	LJ55	Air X Charter
LX-GJM	Ce525C	Global Jet Luxembourg	I-BMPG	G450	BASF
N604BA	CL-604	B&A Constructor	N790J	Falcon 2000LX	Air Alliance Express
N777ZH	G650ER	Alpha Wings	S5-ACJ	ERJ145LU	Alba
					IBM
					Aero4M

22.4K-AI01	B767-32LER	Azerbaijan Airlines	F-GZPE	P180	Hex'Air
CS-GLE	Global 6000	NetJets Europe	F-HAHA	Ce510	Astonjet
D-BEKY	Falcon 2000LX	BASF	F-HMBG	Ce525A	Speedfly
D-BOBI	Falcon 2000LX	BASF	G-FBKC	Ce510	Wijet
EC-MRL	G550	Gestair	G-POWM	A320-232	Titan Airways
F-HAHA	Ce510	Astonjet	HA-JEO	Ce650	Jetstream
F-HBDX	EMB505	JetKey	I-PBRA	Falcon 50EX	Sirio
F-HOLY	A109SP	Skycam Helicopteres	M-ABGV	Lj45XR	Ryanair
G-FBKC	Ce510	Wijet	M-LCFC	B737-7EI	Cielo del Re
G-GLOB	Global XRS	Execujet UK	OE-GBE	IAI1125SPX	Tyrol Air Ambulance
N200FB	PA-31T1		OE-GKW	G100	Tyrol Air Ambulance
N500J	G550	Johnson & Johnson	OH-WII	CL-604	Jetflite
OE-GDP	EMB505	Speedwings Executive Jet	OO-FYS	Ce525B	Luxaviation Belgium
OO-AMR	Ce525A	Air Service Liège	OO-VMF	Ce560XLS+	Air Service Liège
OO-FYS	Ce525B	Luxaviation Belgium	OY-LGI	Global 6000	Execujet Scandinavia
SE-RKL	G550	Saab	S5-CMM	Ce501	Janez Let
23.701	A319-132X	Armavia	TC-OIL	Falcon 7X	Palmali Air
15+01	A319-115X	FBS BMVg	UR-ABA	A319-115X	Government of Ukraine
258	Lj45	MATS	YR-TRC	CL-300	Toyo Aviation
08 bl	C-27J	Transporto Esk	24.0260	Yak-40	241.dlt
T.18-4/45-43	Falcon 900B	451 Esc	C-080	CL-604	ESK 721
4L-GAA	CL-850	Georgian Airlines	15+01	A319-115X	FBS BMVg
9A-CRO	CL-604	Government of Croatia	135L-484	ERJ135BJ	352 MMYP
9H-VJM	Global 6000	VistaJet	258	Lj45	MATS
CS-DLD	Falcon 2000EX	NetJets Europe	ZE700	BAe146 CC2	32(TR)sq
CS-LTB	Ce680A	NetJets Europe	9H-OME	B737-505	Air X Charter
D-BOBI	Falcon 2000LX	BASF	9H-SPA	G450	Comlux Malta
D-CAST	Ce525B	Air Hamburg	9H-VFJ	CL-605	VistaJet
ES-PVP	Lj60	Avies Air	CS-DXY	Ce560XLS	NetJets Europe



Delivered to American Airlines in 1994 as N1467A this Fokker 100 returned to Europe in July 2004. It was Delivered to Austrian Arrows and operated by Tyrolean Airways as OE-LVE in November 2004. The Fokker was transferred to Austrian Airlines in April 2015. It received a special sticker on the left side of its fuselage at the end of September 2017 in preparation of its final flight on 29 November 2017. (Brussels, 9 November 2017, Jochem Jottier)

CS-TQP	A330-202	Hi Fly	<u>04 HFY251P/261P</u>	CS-PHA	EMB505	NetJets Europe
D-CAST	Ce525B	Air Hamburg		CS-TQW	A330-223	Hi Fly
D-FNAH	PC-12/47E	Fresena Flug		D-CAST	Ce525B	Air Hamburg
F-HPBM	EMB500	Oyat Services		EC-LAE	G200	Executive Airlines
G-FLBK	Ce510	Wijet		OO-EDV	Ce525B	Stephex Stables
HZ-AK71	B777FFG	Saudia		OO-FYS	Ce525B	Luxaviation Belgium
HZ-NSA	A310-304	Arabasco		OO-KOR	Ce525A	Luxaviation Belgium
LX-JFB	PC-12/47E	Jetfly Aviation		OO-SDT	Beech 350	Bongrain Benelux
LX-ONE	Lj45	Luxemb. Air Rescue		OO-VMF	Ce560XLS+	Air Service Liège
LZ-OOI	Falcon 2000	Government of Bulgaria		PH-TXA	Ce510	ASL
M-ABEU	Lj45XR	Ryanair		28.252	CN235M-100	101sq
OE-FHA	Ce510	GlobeAir		2707	C-27J	Esc.902 Av.Tr.
OE-GCG	Ce560XL	Goldeck Flug		83-0499	C-12D	USE Ankara
OK-BEE	Beech 400A	Jetbee Czech		9H-MIR	CL-604	Hi Fly Malta
OK-PCC	PC-12/47E	T-Air		CS-DRZ	BAe125-800XPi	NetJets Europe
OM-BYB	Fokker 100	Slovak Government	<u>SSG2</u>	CS-DXR	Ce560XLS	NetJets Europe
OO-AMR	Ce525A	Air Service Liège		D-CEXP	Lj35A	Air Alliance Express
OO-FYS	Ce525B	Luxaviation Belgium		D-CIRP	Do328-110	Sun-Air (BAW c/s)
OO-SDT	Beech 350	Bongrain Benelux		D-IAAR	EMB500	Arcus Air
PH-DIX	PC-12/45	Din-Air		D-IMEP	Beech C90GTx	Beechcraft Vertrieb & Service
25 F-HSFJ	Ce680A	Astonjet		D-IMRB	Beech C90GT	E-Aviation
26. LX-JFB	PC-12/47E	Jetfly Aviation		F-HOIE	P180	Investairs
OO-FYS	Ce525B	Luxaviation Belgium		N228BA	G280	Bank of America
TC-LAD	Ce560XLS	Turkish Flight Inspection		OO-CIV	Ce525A	Luxaviation Belgium
27. CS-DXZ	Ce560XLS	NetJets Europe		OO-HHO	Falcon 8X	Luxaviation Belgium





This freighter was delivered to Asiana Airlines as HL7426 in 1999. It was added to the Air Atlanta Icelandic fleet ten years later as TF-AMU, operating for Saudia. On 28 October 2017 the aircraft was flown to Manchester for repaint in Astral Aviation colours. It emerged from the local paint shop on 7 November and ferried to London Stansted that same day. The aircraft was caught on camera departing to Liège as CC4555 were the weather was very bad. (Stockholm Arlanda, 11 November 2017, Anders Nilsson)

OO-SDT	Beech 350	Bongrain Benelux	
OY-RUD	ATR72-201	Danish Air Transport	
OY-VIZ	Global 5000	Execujet Scandinavia	
TN-AJZ	B737-752	EC Air	tst
VP-BIB	Ce525C	Omy Aviation	
29.50+54	C-160D	LTG63	
L1-01	Falcon 2000EX	Slovenian Air Force	
CS-DXQ	Ce560XLS	NetJets Europe	
D-IJOA	Ce525A	Ohlair	
F-HAHA	Ce510	Astonjet	
F-HMAU	EMB500	Lei Moa	
HB-JIN	Falcon 900EX	Jet Aviation	
HB-JSS	Falcon 7X	CAT Aviation	
HB-VTS	Raytheon 390	Dasnair	
LX-FPF	Ce525B	Flying Group Luxembourg	
N653MK	G550	SP Flight Operations	
N839BA	B737-77Z	Boeing	
OK-SUN	ERJ135BJ	ABS Jets	
OO-AMR	Ce525A	Air Service Liège	
OO-CIV	Ce525A	Luxaviation Belgium	
OO-KOR	Ce525A	Luxaviation Belgium	
OO-SDT	Beech 350	Bongrain Benelux	
OY-MGA	Falcon 2000LXS	Air Alsie	
T7-PBL	PC-12/47E	Fly 7 Executive Aviation	
30.50+54	C-160D	LTG63	
258	Lj45	MATS	
9H-FCA	Global 6000	Albinati Aviation	
CS-TQW	A330-223	Hi Fly	<a href="#">BAF632/FJM7503</a>
D-ACDE	Global 5000	DC Aviation	
D-ADCL	G550	DC Aviation	
D-AGBI	Falcon 7X	Volkswagen	
D-BMVV	Falcon 2000EX	BMW	
D-CAUV	Ce560 Encore	Stuttgarter Flugdienst	
D-CJOS	Ce525B	Starwings	
F-GCGA	Beech C90	Aelia Assurances	
F-HMAU	EMB500	Lei Moa	
F-HTTO	Global 5000	Flying Goup	
HB-JFQ	Falcon 7X	Japat	
HB-JGI	Falcon 7X	Rabbit Air	
OO-AMR	Ce525A	Air Service Liège	
OO-KOR	Ce525A	Luxaviation Belgium	
OO-PCK	PC-12/47E	EAPC	

The TUI Airways Boeing on the 3rd is a departing maintenance visitor. On the 4th a lease return after spending some time with TUI Belgium. On the same day the first flight of the second VLM Airbus. Although registered to VLM Airlines, both Airbus are still using the (former) Thomas Cook Belgium airline code. Electra Airways on the 7th operated a charter from and to Barcelona. The Atlas Air on the same day arrived from Cincinnati/Northern Kentucky and departed to Oslo. A

brand new Falcon 8x was delivered to Luxaviation Belgium, the trading name for Abelag Aviation, on the 10th. The TUI Belgium Boeing on the 13th departed for winter lease to Sunwing. The triple seven on the 14th was a Luxembourg diversion. The last ever Brussels Airlines BAe146 departed Belgium in basic colours on the 15th. Its destination was Cranfield. The Iberia Airbus on the 16th has been reported as a cargo flight. The Textron AirLand mentioned last month was flown back to the USA on the 18th from the Dubai Air Show via Aqaba/Jordan, Brussels and Keflavik. On the 19th a Transavia France for maintenance. From the 19th till the 23rd Titan Airways operated some charters for Volkswagen. EC Air seems to have plans to restart operations after some financial difficulties. A first Boeing 737 performed a local test flight on the 28th. You can find the tie-up in our Jetliners section.

Credits: ASA Belgium vzw, Luchtzak forum, Scramble forum.

### Kleine Brogel

			November 2017
06.1x	NH90-TTH	18sq/1w	*
96-0004	C-17A	62nd AW	
07.ST40	SF260D	CC Air	*
ST46	SF260D	CC Air	*
10.H45	A109BA	17sq/1w	*
ST40	SF260D	CC Air	*
ST45	SF260D	CC Air	*
13.CH03	C-130H	20sq	*
14.CH03	C-130H	20sq	2x *
CH09	C-130H	20sq	
90-0827/SP	F-16C	480th FS	div <a href="#">Slay01/11</a>
90-0833/SP	F-16C	480th FS	div <a href="#">Harm03/13</a>
91-0338/SP	F-16C	480th FS	div <a href="#">Repo01/11</a>
91-0340/SP	F-16C	480th FS	div <a href="#">Lobo01/11</a>
91-0358/SP	F-16C	480th FS	div <a href="#">Slay02/12</a>
91-0402/SP	F-16C	480th FS	div <a href="#">Repo02/12</a>
91-0412/SP	F-16C	480th FS	div <a href="#">Harm01/11</a>
91-0417/SP	F-16C	480th FS	div <a href="#">Harm02/12</a>
91-0481/SP	F-16D	480th FS	div <a href="#">Lobo02/12</a>
96-0083/SP	F-16C	480th FS	div <a href="#">Hitest01/11</a>
16.H38	A109BA	17sq/1w	*
17.CH03	C-130H	20sq	*
FA98	F-16AM	2w	20
RN04	NH90-NFH	40sq	*
RN05	NH90-TTH	18sq/1w	*
20.1x	NH90-TTH	18sq/1w	* <a href="#">Ares504</a>
L-10	PC-7	131EMVOsq	*
21.AT11	Alpha Jet 1B+	11sq/AJeTS	*

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ST45	SF260D	CC Air	2x *
22.ST43	SF260D	CC Air (grey c/s)	*
27.1x	C-130H	20sq	*
RN07	NH90-TTH	18sq/1w	*
28.1x	C-130H	20sq	*
29.84-0126	C-21A	76th AS	

Due to of bad weather at homebase Spangdahlem, 10 480th FS F-16s diverted to Kleine Brogel on the 14th.

Credits: Toon Cox, Mathias Bijmens, Tim Van den Boer

## Koksijde

November 2017			
13.H28	A109BA	17sq/1w	*
14.ST40	SF260D	CC Air	*
16.FB21	F-16BM	2w	*
N-110	NH90-NFH	860sq	
20.AT11	Alpha Jet 1B+	11sq/AJeTS	*
AT12	Alpha Jet 1B+	11sq/AJeTS	*
21.XW199	Puma HC2	Benson	2x *
ZA936	Puma HC2	Benson	2x *
22.1x	SF260D/M+	CC Air	*
AT02	Alpha Jet 1B+	11sq/AJeTS	*
AT17	Alpha Jet 1B+	11sq/AJeTS	*
29.H21	A109BA	17sq/1w	*

Credits: Wim Houquet, Tom Houquet, Mike Derijcke, Filip Candaele

12.F-GGVG	SA226T(B)	Airlec	
LX-NCG	Ce525B	Jetfly Aviation	
OE-FCB	Ce510	GlobeAir	
OE-HDU	CL-300	LaudaMotion	13
OK-PMI	Beech 400A	Queen Air	dep
13.TC-MKA	Ce550 Bravo	Bonair	14
15.9H-BCP	Lj45	Skyfree	
EW-259TG	An-26B	Genex	GNX5352/ -
SP-KPZ	Saab 340A(F)	SprintAir	
16.OO-HHO	Falcon 8X	Luxaviation Belgium	f/v AAB772
24.EW-259TG	An-26B	Genex	dep GNX5354
26.A7-HHH	A340-541	Qatar Amiri Flight	dep QAF2

Mistakenly already listed last moth, the Sky Gates on the 5th diverted from Maastricht in November. Also on that day two Antonov design Bureau aircraft of which the Antonov 26 is most probably this months highlight. We missed its first visit on the last day of October, so we decided to mention the second visit for Liège of the Qatar Boeing 747 freighter on the 6th. On the 11th the first visit of the Air Atlanta Boeing 747 in Astral Airlines colours. Unfortunately we only have the departure info for the Qatari royal Airbus on the 26th. It most probably arrived on the Monday or Tuesday before its departure to Dusseldorf.

Credits: Luchtzak.be forum, flightaware.com, flymst.nl forum.



Manufactured in January 1975 this Antonov was registered as CCCP-13395. It was demonstrated in 21 African countries early 1975 and seen at Le Bourget that same year with the exhibition number '364'. During 1994 it was operated for the United Nations. The Antonov 26 was first noted repainted in full Antonov Design Bureau colours with additional 'International Cargo Transporter' titles at Gostomel in June 2006. It was converted to An-26-100 and registered as such in March 2015. (Liège, 6 November 2017, Bjorn van der Velpen)

## Liège

November 2017			
01.F-GRGP	ERJ135ER	Equaflight Service	02 AEH253/4
N77SZ	PA-34-200T	Mermoz	
02.OO-MLG	Ce560XL	Luxaviation Belgium	AAB069
PH-DFB	DA42	Belgian Flight School	
03.LX-JFU	PC-12/47E	Jetfly Aviation	2x
UR-CNT	An-12BK	Ukraine Air Alliance	UKL4098/9
04.G-RMMA	Falcon 900EX	TAGAviation (UK)	05
OK-UGJ	Ce680	Travel Service	
05.VP-BCH	B747-467F	Sky Gates Airlines	div SAY9868
UR-13395	An-26-100	Antonov Des. Bur.	06 ADB9004/ -
UR-82009	An-124-100	Antonov Des. Bur.	06 ADB267F/2267
06.A7-BGB	B747-8F	Qatar Airways	QTR8261/2
CS-DOF	CL-650	Jetcapital Aviation	07
09.SP-KPH	Saab 340A(F)	SprintAir	
10.LX-NCG	Ce525B	Jetfly Aviation	
OE-GPL	EMB505	Speedwings Executive Jet	
11.EW-328TG	An-26B	Genex	GNX5351/2
TF-AMU	B747-48EF	Astral Airlines	f/v ABD4555

## Ostend-Bruges

November 2017			
01.OO-CFW	PC-12/47E	Nextgen Partners	
02.TF-AMP	B747-481(F)	Air Atlanta Icelandic	03 ABD363P/320
03.D-CAMB	Lj31A	German Air Rescue	JCL4
OO-JWB	PC-12/47E	Nextgen Partners	
04.ER-BBJ	B747-412F	AeroTrans Cargo	06 ATG6611/2
06.CE02	ERJ135LR	21sq	
ST46	SF260D	CC Air	
TF-AMP	B747-481BCF	Air Atlanta Icelandic	ABD361
07.G-GMAA	Lj45	Gama Aviation	
N22UB	Ce525C	FlightPartner	
09.D-IADV	Ce551	MCH Holdings	2x
EC-MET	TBM-900	M. Diaz	11
N425ST	Ce550	F S Aviation	10
10.G-CKLH	H135	Airbus Helicopters UK	
11.CS-CHF	CL-350	NirJets Europe	12 NJE876Q/901W
14.D-ISAR	Raytheon 390	Euroflug Frenzel	15
F-HCPB	Ce525	Bleu Azur	
LZ-PDM	Raytheon 390	Top Jets	15 TJJ200/201
16.HB-FWT	PC-12/47	TC Aviation	

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In April 1993 a Boeing 767 was delivered to Leisure International Airways as G-UKLH. Its UK career ended with Thomson Airways as G-OOAN. It was withdrawn from use in February 2013 and subsequently bought by Cargo Aircraft Management two months later. As N223CY it was converted to freighter and as such leased to Star Air from March 2014 as OY-SRS. It was delivered to Cargojet Airways as C-FGSJ in January 2015, initially with Purolator titles. In August 2016 the Purolator titles were replaced by Cargojet titles. To celebrate Canada 150, Cargojet and Canada Post are showcasing 10 unforgettable moments from the past 50 years through these iconic national stickers placed on the left side only of this aircraft since June 2017. (Ostend, 26 November 2017, Nik Deblauwe)

17. LX-EAA N8X	Lj45XR Falcon 8X	EAA Air Ambulance Dassault Falcon Jet Corp.	DUK8AMB	30. CS-DXM	Ce560XLS	NetJets Europe	NJE401/533
18. C-GYAJ	B767-35EERF	Cargojet Airways	f/v 19 CJT1791/2	<u>EgyptAir Cargo:</u>			
20. F-HCPB	Ce525	Bleu Azur		SU-GAC	01, 04/05, 12, 21/22, 29, 30		
21. ER-BBJ F-HCPB	B747-412F Ce525	Aerotrans Cargo	22 ATG6623/4	SU-GAS	04, 05/06, 08, 12, 13, 15, 16, 18, 25, 25/26, 26, 27, 29		
TF-AMQ	B747-412F	Bleu Azur		SU-GAY	02, 05, 07 - 09, 11, 16, 17, 19, 19/20, 21, 22, 23 <sup>2</sup> , 24 <sup>2</sup> , 26 - 28, 30 <sup>2</sup>		
22. ER-BBJ N284SE	B747-412F G280	Air Atlanta Icelandic	ABD321P/368	<u>JetairFly:</u>			
TF-AMP	B747-412F	Aerotrans Cargo	23 ATG6625/6	OO-JAD	17/18, 18/19, 22, 22/23, 23, 24, 24/25, 25/26		
23. D-IEKU	B747-481(F)	Flying Group		OO-JAF	25	OO-JLO	22, 22/23, 24 <sup>2</sup>
F-HCPB	Ce525A	Air Atlanta Icelandic	23 ABD361/344	OO-JAV	01, 02, 03, 04, 05	OO-JVA	01, 03-08, 10-15, 17-21,
G-CKOC	H135	Excellent Air		OO-JAX	05		22, 24-29 daily
G-MSPT	EC135T2	Bleu Azur	2x	OO-JAY	10/11, 11/12, 15, 15/16, 16		
25. C-FGSJ	B767-39HERF	Airbus Helicopters UK	<u>RDF25</u>	OO-JEB	03, 10, 24	OO-TUK	29, 29/30, 30
C-FPIJ	B767-33AERF	Spencer Jon Golding		OO-JEM	20/21, 21	OO-TUP	08, 08/09, 09, 10
EC-GPS	SA227AC	Cargojet Airways	f/v 26 CJT1491/2	The Air Atlanta Jumbo on the 2nd was in basic Saudi colours.			
ER-BBJ	B747-412F	Cargojet Airways	f/v 27 CJT1391/2	A first of two Airbus Helicopters flights via Ostend arrived			
N755RA	B747-412F	Flightline	26 FTL8853/1	on the 10th. This H135 is destined for Romania and was dere-			
OO-DFG	Falcon 2000LX	Aerotrans Cargo	ATG6626/7	gistered on 8 December 2017. Cargojet paid a first visit on the			
26. TF-AMQ	B747-412F	Zetta Jet	26	18th. A few days later two more arrived. The second helicop-			
27. OK-ROM	ERJ135BJ	Luxaviation Belgium	AAB501	ter to visit Ostend was seen on the 23rd. This one was trans-			
28. ER-BBJ	B747-412F	Air Atlanta Icelandic	ABD336P/361	ferred to the UK Ministry of Defence on 5 December 2017. The			
29. CS-DXY	PR-TLI	ABS Jets		Diamond on the 29th made a fuel stop while on its delivery			
PR-TLI	DA62	Aerotrans Cargo	ATG6629/30	flight to Brazil.			
TF-AMP	B747-481(F)	NetJets Europe	NJE406W/398K	<u>Credit:</u> Replo.be, Nik Deblauwe.			
		Centro Serra Empreendim. Imobil. f/v					
		Air Atlanta Icelandic	ABD344P/363				



H135 G-CKLH is reportedly destined for SMURD as serial 350. SMURD is an emergency rescue service based in Romania. The name is the Romanian acronym for "Serviciul Mobil de Urgență, Reanimare și Descarcerare", which means Mobile Emergency Service for Resuscitation and Extrication. (Ostend, 10 November 2017, Nik Deblauwe)

# Military Movements Elsewhere



Paul Betten visited Kadena, Japan, on 1 December 2017 and encountered 45th RS operated RC-135U 64-14847/OF rolling towards its parking-stand. New feature on this Combat Sent ISR data gathering platform is the sharkmouth decoration next to the chin radar arrays.

## Germany

Geilenkirchen		November 2017	
02.053	Falcon 20ECM	717Skv	NORW717B
ZM402/402	Atlas C1	24/70 sq	RRR4652
58-0056/HH	KC-135R	203rd ARS HI ANG	13 RCH608
03.57-1436	KC-135R	151st ARS TN ANG	dep RCH441
58-0119	KC-135R	151st ARS TN ANG	dep RCH440
06.D-AGPH	Fokker 100	Avanti Air	TAY507P/TAY5015
07.63-8003	KC-135R	141st ARS NJ ANG	17 RCH898
63-8040	KC-135R	141st ARS NJ ANG	17 RCH970
09.58-0079	KC-135R	153rd ARS MS ANG	20 RCH650
10.OY-RJC	CRJ200LR	BackBone Aviation	PAV4978
17.ZM409/409	Atlas C1	24/70sq	RRR4654/RRR4655
F-HFKE	ERJ145ER	Enhence Aero	SVB80P/SV783
OE-IAG	B737-4Q8(SF)	ASL Airlines	TAY605P/TAY5053
22.82+65	EC135T1	HFVAS	GAM333
23.053	Falcon 20ECM	717Skv	24 NORW717C
24.30+54	EF2000(T)	TLG 31	* PACK11
27.61-0264	KC-135R	166th ARS OH ANG	RCH702
28.59-1444	KC-135R	166th ARS OH ANG	RCH635
D-HEGY	AS332M	Bundespolizei	BPO105
29.57-1486	KC-135R	153rd ARS MS ANG	RCH141
30.D-HEGL	AS332M	Bundespolizei	BPO105
OO-TFA	B757-28C	ASL Airlines	TAY502P

Credits: Rolf Flinzner, Scramble messageboard.

Nürnberg		November 2017	
01.84-00165	C-12U-3	E/1-214th AVN	Duke60
99-00102	UC-35A	E/1-214th AVN	Duke62
02.16-20821	UH-60M	3-227th AVN	* Army20821
03.84-00156	C-12U-3	E/1-214th AVN	Duke59
05.MM62168	P180AM	28°Gr	IEI2801
06.84-00156	C-12U-3	E/1-214th AVN	Duke62
07.07-8609/RS	C-130J-30	37th AS	Herky12
08-8601/RS	C-130J-30	37th AS	Herky11
15-5822/RS	C-130J-30	37th AS	Herky13
15-20791	UH-60M	3-227th AVN	* Army20791
08.50+73	C-160D	LTG63	GAF114
69-0024	C-5M	436th AW	RCH436/690
09.99-00102	UC-35A	E/1-214th AVN	Duke59
10.MM61258	Do228-212	28°Gr	IEI2801
11.ZZ330/330	Voyager KC2	10/101sq	RRR2136
12.MM62158	Do228-212	28°Gr	IEI2801

13.CH03	C-130H	20sq	BAF642
CH09	C-130H	20sq	BAF640
14.03	C-17A	HAW	Bartok50
97-00102	UC-35A	E/1-214th AVN	Duke64
15.15+01	A319-115X	FBS BMVg	* GAF854
16.15+01	A319-115X	FBS BMVg	* GAF841
50+77	C-160D	LTG63	* Dasa04
84-00162	C-12U-3	E/1-214th AVN	Duke60
17.MM62168	P180AM	28°Gr	
84-00156	C-12U-3	E/1-214th AVN	Duke59
18.ZZ331/331	Voyager KC3	10/101sq	RRR2192/93
20.84-00162	C-12U-3	E/1-214th AVN	* Duke33
84-00165	C-12U-3	E/1-214th AVN	Duke62
92-26436	UH-60L	A/2-227th AVN	* Army26436
21.055	AH-64D	Group10/UAE AF	
22.067	AH-64D	Group10/UAE AF	
97-00102	UC-35A	E/1-214th AVN	Duke61
15-20794	UH-60M	3-227th AVN	28?
16-20863	HH-60M	C/2-227th AVN	*
16-20868	HH-60M	C/2-227th AVN	*
24.15+02	A319-115X	FBS BMVg	* GAF880
25.ZZ338/338	Voyager KC3	10/101sq	RRR2152/53
27.84-00165	C-12U-3	E/1-214th AVN	Duke62
28.84-00165	C-12U-3	E/1-214th AVN	Duke33
29.84-00162	C-12U-3	E/1-214th AVN	Duke60

Credits: MAR, Scramble messageboard.

Ramstein		November 2017	
01.87-0044	C-5M	60th AMW	RCH968/956
01-0186	C-17A	436th AW	03 RCH109
03-3125	C-17A	305th AMW	RCH174
04-4133	C-17A	305th AMW	dep RCH348
06-6158	C-17A	60th AMW	dep RCH707
09-9212	C-17A	437th AW	dep RCH266
10-0217	C-17A	62nd AW	02 RCH305
10-0222	C-17A	437th AW	02 RCH708
64-14839	KC-135R	108th ARS IL ANG	02 RCH178/151
02.87-0030	C-5M	60th AMW	RCH801
90-0535	C-17A	89th AS AFRC	03 RCH836
06-6158	C-17A	60th AMW	RCH707
09-9209	C-17A	62nd AW	dep RCH109
10-0218	C-17A	62nd AW	03 RCH267
62-4132/OF	RC-135W	55th Wg	* Hawg95

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03.84-0060	C-5M	60th AMW	dep RCH229	08-5693	C-130J-30	317th AG	11 RCH549
84-0062	C-5M	60th AMW	04 RCH155/719	57-1493	KC-135R	351st ARS	09 Quid22
86-0025	C-5M	436th AW	05 RCH963	60-0316	KC-135R	191st ARS UT ANG	10 RCH308
86-0037	KC-10A	60th AMW	04 RCH629	09.1x	C-160D	nn	GAF218
02-1111	C-17A	62nd AW	04 RCH417	87-0045	C-5M	436th AW	RCH255
03-3126	C-17A	305th AMW	04 RCH953	87-0120	KC-10A	305th AMW	RCH655
08-8202	C-17A	62nd AW	dep RCH831	01-0197	C-17A	437th AW	RCH420
09-9209	C-17A	62nd AW	RCH109	05-5141	C-17A	729th AS AFRC 10 RCH971/Bandage53	
10-0217	C-17A	62nd AW	RCH305	02-0201	C-40C	201st AS DC ANG	10 Boxer42
10-0222	C-17A	437th AW	RCH708	07-4635	C-130J-30	19th AW	13 Herky05/766
11-5732	C-130J-30	317th AG	04 Lion462/Herky160	08-3179	C-130J-30	317th AG	dep Lion473
62-3547	KC-135R	117th ARS KS ANG	04 RCH595	58-0057	KC-135R	174th ARS IA ANG	10 RCH541
04.84-0060	C-5M	60th AMW	05 RCH229	10.87-0027	C-5M	433rd AW AFRC	14 RCH141
79-0433	KC-10A	305th AMW	05 RCH418	87-0028	C-5M	60th AMW	11 RCH597
90-0535	C-17A	89th AS AFRC	05 RCH836	00-0177	C-17A	137th AS NY ANG	11 RCH294
00-0180	C-17A	62nd AW	12 RCH552	02-1111	C-17A	62nd AW	12 RCH550/688
01-0188	C-17A	137th AS NY ANG	dep RCH171	09-9211	C-17A	62nd AW	12 RCH190/785
01-0188	C-17A	137th AS NY ANG	06 RCH171/395	10-0217	C-17A	62nd AW	11 RCH535
01-0189	C-17A	155th AS TN ANG	05 RCH525	08-5715	C-130J-30	317th AG	20 Lion473/Herky72
04-4128	C-17A	305th AMW	05 RCH207	11.79-0433	KC-10A	305th AMW	13 RCH149
06-6159	C-17A	60th AMW	05 RCH407	95-0104	C-17A	155th AS TN ANG	12 RCH656
06-6162	C-17A	60th AMW	05 RCH147	05-5141	C-17A	729th AS AFRC Bandage53/RCH971	
08-8194	C-17A	62nd AW	dep RCH715	99-0004	C-32A	1st AS	SAM007
10-0222	C-17A	437th AW	06 RCH708/698	12.86-0016	C-5M	60th AMW	15 RCH217
05.84-0062	C-5M	60th AMW	08 RCH719	87-0028	C-5M	60th AMW	13 RCH597
85-0010	C-5M	60th AMW	07 RCH405	167112/BH	KC-130J	VMGR-252	
09-9206	C-17A	437th AW	dep RCH776	13.83-1285	C-5M	436th AW	15 RCH342
07-4635	C-130J-30	19th AW	09 RCH445/Herky05	87-0045	C-5M	436th AW	14 RCH924
11-5732	C-130J-30	317th AG	06 Herky160/05	95-0104	C-17A	155th AS TN ANG	16 RCH656/328
06.97-0041	C-17A	437th AW	07 RCH984	00-0177	C-17A	137th AS NY ANG	14 RCH296
01-0189	C-17A	155th AS TN ANG	07 RCH525/709	00-0180	C-17A	62nd AW	14 RCH552
02-1109	C-17A	62nd AW	RCH960	02-1111	C-17A	62nd AW	14 RCH688
03-3126	C-17A	305th AMW	07 RCH953	06-6159	C-17A	60th AMW	17 RCH663
04-4128	C-17A	305th AMW	08 RCH207	09-9211	C-17A	62nd AW	18 RCH785/607
06-6159	C-17A	60th AMW	07 RCH407	10-0213	C-17A	437th AW	14 RCH528
11-5732	C-130J-30	317th AG	12 Herky05/Lion472	10-0217	C-17A	62nd AW	RCH535
07.00-0178	C-17A	89th AS AFRC	08 RCH432	04-3143	C-130J-30	19th AW	15 RCH198
01-0197	C-17A	437th AW	08 RCH420	07-4635	C-130J-30	19th AW	15 Herky766/Lion477
02-1109	C-17A	62nd AW	08 RCH960	58-0016	KC-135R	92nd/141st ARW	15 RCH137
57-1493	KC-135R	351st ARS	08 Quid22	93-26525	UH-60L	A/2-227th AVN	Army26525
60-0313	KC-135R	22nd ARW	08 RCH729	14.03	C-17A	HAW	Bartok50
169225/BH	KC-130J	VMGR-252	Bronco37	ZA675	Chinook HC4	18sq	15 RFR7204
08.69-0024	C-5M	436th AW	17 RCH690	87-0044	C-5M	60th AMW	15 RCH182
79-1948	KC-10A	60th AMW	09 RCH038	85-0030	KC-10A	305th AMW	* RCH551
01-0189	C-17A	155th AS TN ANG	09 RCH709	95-0105	C-17A	137th AS NY ANG	15 RCH162
08-8202	C-17A	62nd AW	09 RCH926	08-5724	C-130J-30	317th AG	30 Lion475/484



Rolf Flinzner captured USAF KC-135R 59-1444 from 121st ARW/Ohio ANG prior to arrival at Geilenkirchen on 28 November 2017. The stripes and decoration are becoming the new standard for the Ohio ANG.

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Distribution to a third party is not allowed





During a NATO Meeting various Ministers of Defence found their way into Brussels. By means of the United States of America, Secretary Mr James Mattis was brought with this E-4B 75-0125 on 7 November 2017 and departed two days later. (Marcus Steidele)

Credits: MAR, Scramble messageboard.

Stuttgart	November 2017	
03.54+08	A400M	LTG62
13-5778	MC-130J	67th SOS
59-1519	KC-135R	174th ARS IA ANG
07.11-3031	C-146A	524th SOS
08.79+13	NH90-TTH	HTG64
T-313	AS332M1	Swiss AF
84-00173	C-12U-3	E/1-214th AVN
09.02-0042	C-40B	76th AS
13.07-4635	C-130J-30	41st AS
99-0402	C-37A	309th AS
14.85-0030	KC-10A	305th AMW
84-00170	C-12U-3	E/1-214th AVN
15.73+35	UH-1D	HEER
16.10+23	A310-304	FBS BMVg
21.02-0203	C-40B	201st AS DC ANG
51+06	C-160D	GAF
22.07-8608	C-130J-30	37th AS
24.06-6157	C-17A	436th AW
26.11-3031	C-146A	524th SOS
27.10-5714	MC-130J	67th SOS
28.99-0402	C-37A	309th AS
29.08-5715	C-130J-30	317th AG
30.01	C-17A	HAW
05-27046	HH-60G	66th RQS

Credits: MAR, Scramble messageboard.

### Ireland

Shannon	November 2017	
01.97-0400	C-37A	99th AS
04.01-0028	C-37A	310th AS
05.02-0201	C-40C	201st AS DC ANG
08.165833	C-40A	nn
166694	C-40A	nn
10.92-3283	C-130H	96th AS AFRC
92-3288	C-130H	96th AS AFRC
163554	UC-12F	nn
165830	C-40A	nn
11.165833	C-40A	nn
13.00-9001	C-32B	150th SOS NJ ANG
02-0203	C-40C	201st AS DC ANG
14.166767	UC-35D	USMC

15.05-0932	C-40C	73rd AS AFRC
84-00162	C-12U-3	US Army
16.01-0029	C-37A	310th AS
01-0040	C-40B	1st AS
17.09-0540	C-40C	73rd AS AFRC
21.09-0540	C-40C	73rd AS AFRC
24.166376	C-37B	nn
27.84-00162	C-12U-3	US Army
05-0730	C-40C	73rd AS
29.01-0041	C-40B	1st AS

Credits: MAR, Scramble messageboard.

### Portugal

Lajes, Azores	November 2017	
02.144614	CC-144B	412sq
03.1271/SU-BAB	C-130H	4sq/16sq
4/F-RAFQ	Falcon 900	ET00.060
04.16702	C-295M	Esq 502
165737/BH	KC-130J	VMGR-252
05.1291/SU-BEX	C-130H	4sq/16sq
06.130333	CC-130H	435sq
911	F-35I	del 140sq
913	F-35I	del 140sq
86-0032	KC-10A	305th AMW
07.16702	C295M	Esq 502
16703	C295M	Esq 502
96-6043	CN235M-200	427th SOS
09.CH07	C-130H	20sm
96-6049	CN235M-200	427th SOS
16706	C295M	Esq 502
10.1291/SU-BEX	C-130H	4sq/16sq
12.17402	Falcon50	Esq 504
13.16703	C295M	Esq502
16710	C295MPA	Esq 502
17402	Falcon 50	Esq504
168205	UC-12W	USMC
14.169319	UC-12W	USMC
15.16701	C295M	Esq 502
16706	C295M	Esq 502
17402	Falcon 50	Esq 504
16.165832	C-40A	VR-61
17.16706	C295M	Esq 502
18.62-3558	KC-135R	nn

02-4452	C-32B	150th SOS NJ ANG	Josh75	03.0454	C-295M	242.tsl	
96-6046	CN235M-200	427th SOS	RCH53	04.51+06	C-160D	LTG63	GAF960
19.R10-002	Il-78	10 MRTTsq	PAAF585	05.ZA670	Chinook HC4	18sq	
164679/WK04	F/A-18D	VMFA(AW)-224	21 Mazda81-85	06.10-0222	C-17A	437th AW	RCH698
164878/WK00	F/A-18D	VMFA(AW)-224	21 Mazda81-85	58-0100/D	KC-135R	351st ARS	* Quid15
164951/WK05	F/A-18D	VMFA(AW)-224	21 Mazda81-85	07.XW204	Puma HC2	Benson Pool	dep
164959/WK14	F/A-18D	VMFA(AW)-224	21 Mazda81-85	09.ZG921	Lynx AH9A	657sq	
164961/WK08	F/A-18D	VMFA(AW)-224	21 Mazda81-85	10.ZJ78?	AS365N3	658sq	* Titan12
84-0190	KC-10A	305th AMW	21 Blue31	XW212	Puma HC2	Benson Pool	
87-0121	KC-10A	305th AMW	21 RCH507	ZH104/04	Sentry AEW1	8sq	* NATO32
20.57-1441	KC-135R	174th ARS IA ANG	21 Blue32	13.MAO	C-17A	Qatar Emiri AF	LHOB243
164705/WK02	F/A-18D	VMFA(AW)-224	21 Mazda71-75	14.85-0004	C-5M	436th AW	15 RCH495
164723/WK13	F/A-18D	VMFA(AW)-224	21 Mazda71-75	16.ZK036/AA	Hawk T2	4(R)sq	*
164876/WK11	F/A-18D	VMFA(AW)-224	21 Mazda71-75	17.15001	CC-150	437sq	
164901/WK06	F/A-18D	VMFA(AW)-224	21 Mazda71-75	18.ZZ416	Shadow R1	14sq	20 RRR7418
164957/WK01	F/A-18D	VMFA(AW)-224	21 Mazda71-75	20.XW216	Puma HC2	Benson Pool	+21
86-0028	KC-10A	305th AMW	21 Blue21	21.ZF530	Lynx AH9A	657sq	a/f in
87-0120	KC-10A	305th AMW	21 Blue22	ZG923	Lynx AH9A	657sq	a/f in
166764/BH	KC-130J	VMGR-252	21 Otis81	23.ZB691	Gazelle AH1	AAC	
20.169225/BH	KC-130J	VMGR-252	Brnco31	ZZ530	Wildcat HMA2	RN	a/f in
21.16701	C295M	Esq 502	22 Medic16/Snout72	24.ZA720	Chinook HC4	18sq	* SHF589
22.16702	C295M	Esq 502	23 Snout72/74	ZZ518	Wildcat HMA2	RN	
23.R10-002	Il-78	10MRTTsq	24 PAAF585	ZZ534	Wildcat HMA2	RN	
16702	C-295M	Esq 502	24 Snout63	25.ZG998	Defender AL1	651sq	
24.17402	Falcon 50	Esq 504	Lince76	27.ZJ208	Apache AH1	4Regt	AA443
26.1291/SU-BEX	C-130H	4sq/16sq	EGY1126	ZK561	Chinook HC6	7sq	* VTX508
16702	C295M	Esq 502	27 Medic16	XX157	Hawk T1A	736NAS	* NCV801
27.4/F-RAFQ	Falcon 900	ET00.060	CTM1280	QQ103	DA-42	QinetiQ	* Tester08
16702	C295M	Esq 502	28 Medic16	XW208	Puma HC2	Benson Pool	dep
16712	C295MPA	Esq 502	28 Snout66	28.177705	CC-177A	429sq	29 CFC3661
28.17402	Falcon 50	Esq 504	Medic50	29.54+08	A400M	LTG62	GAF129
16712	C295MPA	Esq 502	29 Snout66	ZZ419	Shadow R1	14sq	+ 30
88-1303	AC-130W	16th SOS	RCH1041	QQ101	BAe146-RJ70	QinetiQ	
88-1304	AC-130W	16th SOS	RCH1039	30.ZJ647	Alpha Jet	QinetiQ	*
29.85-0011	MC-130H	15th SOS	30 RCH1019				
30.2/F-RAFP	Falcon 900	ET00.060	CTM0013				

Credits: MAR, Scramble messageboard.

## United Kingdom

Brize Norton			November 2017
01.87/black	An-30	Russian AF/Open Skies	
58-0118/D	KC-135R	351st ARS	06 Quid88/15
02.15001	CC-150	437sq	CFC3166

Credits: MAR, Scramble messageboard.

## Cambridge

			November 2017
08.ZH887/887	Hercules C5	24/30/47sq	dep MCE03
09.ZK452/L	Beech B200	45(R)sq	* CWL75
ZK455/O	Beech B200	45(R)sq	* CWL86
17.8T-CA	C-130K	Austrian AF	dep ASF03
22.ZH875/875	Hercules C4	24/30/47sq	dep MCE04
23.ZH889/889	Hercules C5	24/30/47sq	arr
27.701	Hercules C5	Bahrain Amiri AF	



On the same NATO meeting the Czechia delegation arrived with this Let 410UVP-E20 2601. (Brussels, 7 November 2017, Marcus Steidele)



702 Hercules C5 Bahrain Amiri AF  
 84006/846 Tp-84 TSFE arr SWF813  
 28.84002/842 Tp-84 Swedish AF SWF805  
 ZK552 Chinook HC6 7sq \* SHF569

Credits: MAR, Scramble messageboard.

Coningsby November 2017  
 02.RF-36053 An-30 Russian AF/Open Skies o OSY33F  
 ZJ221 Apache AH1 3/4Regt  
 ZK452/L Beech B200 45(R)sq \* CWL05  
 ZA720 Chinook HC4 18sq VTX555  
 ZK563 Chinook HC6 QinetiQ \* Boeing23  
 ZK364 Typhoon FGR4 del TMF Tarnish67  
 07.ZA612/074 Tornado GR4 Marham Wg \* MRH01  
 08.XX346/CP Hawk T1A 100sq Savage02/Pirate19  
 09.ZJ270/70 Squirrel HT1 DHFS SYS35  
 ZJ275/75 Squirrel HT1 DHFS SYS34  
 ZJ276/76 Squirrel HT1 DHFS SYS62  
 ZJ277/77 Squirrel HT1 DHFS SYS30  
 ZJ279/79 Squirrel HT1 DHFS SYS25  
 ZG771 Tornado GR4 Marham Wg PAN 10 MRH63/48  
 13.ZF290/290 Tucano T1 72(R)sq \* LOP26  
 14.91-0337/LN F-15E 494th FS \* Warman61  
 15.91-0301/LN F-15E 492nd FS \*  
 97-0222/LN F-15E 492nd FS \*  
 XX204 Hawk T1 RAFAT \* Red3  
 21.ZA560/EB-Q Tornado GR4 Marham Wg \* MRH22  
 ZK332/332 Typhoon FGR4 del to Lossiemouth Typhoon121  
 23.ZK321/321 Typhoon FGR4 6sq mks arr TMF Lossie96  
 ZK336/336 Typhoon FGR4 1sq mks arr TMF Lossie70  
 ZK344/344 Typhoon FGR4 to Lossiemouth Lossie96  
 24.ZM404/404 Atlas C1 70sq o Comet448  
 ZK459/X Beech B200 45(R)sq \* CWL75  
 ZH896 Chinook HC6A 27sq \* VTX397  
 ZK323/323 Typhoon FGR4 2sq mks dep Lossie70  
 27.CE03 ERJ145LR 21sm 30 BAF615  
 ZK459/X Beech B200 45(R)sq \* CWL75  
 ZK460/U Beech B200 45(R)sq \* CWL66  
 XX202 Hawk T1A 100sq Pirate09/24  
 ZF135/135 Tucano T1 72(R)sq \* LOP22  
 84-0010/LN F-15C 493rd FS \* Scoff32  
 86-0165/LN F-15C 493rd FS \* Scoff31  
 29.ZM402/402 Atlas C1 70sq 30 RRR457/458  
 ZD741/F-LS Tornado GR4T Marham Wg \* MRH32  
 ZG775/134 Tornado GR4 Marham Wg 30 MRH35  
 ZJ690 Sentinel R1 5sq 30 Snapshot1  
 30.91-0309/LN F-15E 48th FW \* Casino21  
 ZH899 Chinook HC5 18sq Pegasus1  
 XW216 Puma HC2 Benson Pool VTX345

Credits: MAR, Scramble messageboard.

Fairford November 2017  
 05.03-3114 C-17A 183rd AS MS ANG 06 RCH427  
 13.99-00102 UC-35A E/1-214th AVN Duke55

Credits: MAR, Scramble messageboard.

Farnborough November 2017  
 01.A6-HEH B737-8AJ Gvmt of Dubai 06 DUB6  
 03.555 A320-214 Oman AF 05 MJN516  
 05.ZG998 Defender AL1 651sq AA599  
 09.A6-SHJ A320-232-CJ Gvmt of Sharjah SHJ01  
 A7-MHH A319-115X Gvmt of Qatar A7MHH  
 20.ZZ418 Shadow R1 14sq 29 Snake48  
 MM62210 Falcon 900EX 93\*Gr IAM3101  
 23.A4O-AJ A319-115 Gvmt of Oman 25 ORF6  
 24.701 A319-132 Gvmt of Armenia 25 ARY4001  
 25.99-0402 C-37A 76th AS 26 Spar80  
 26.A9C-BAH G650 Gvmt of Bahrain 28 BAH6  
 27.ZZ416 Shadow R1 14sq WAD01

Credits: MAR, Scramble messageboard.

Lakenheath November 2017  
 06.58-0100/D KC-135R 351st ARS \* Quid16  
 07.J-021 +2 F-16AM 312sq \* Saw01-03  
 08.ZJ169 +1 Apache AH1 3/4Regt \* Hunter2/1  
 13.CE01 ERJ135LR 21sq BAF608  
 50+81 C-160D LTG62 14 GAF076

08/blue C-27J LithuanianAF LYF166  
 014 C295M 13.eltr 16 PLF042  
 07-7179 C-17A 60th AMW RCH185  
 16.50+17 C-160D LTG63 GAF037  
 07-7186 C-17A 437th AW 17 RCH556/370  
 17.G-988 C-130H 336sq NAF78  
 06-6156 C-17A 60th AMW RCH239  
 CE02 ERJ135LR 21sm BAF615  
 19.06-6159 C-17A 60th AMW 22 RCH663/668  
 87-0032 C-5M 60th AMW 20 RCH105/557  
 02-1109 C-17A 62nd AW RCH102  
 22.62-4132 RC-135W 55th Wg 27 Tired51/Trunk33  
 28.J-362 F-16AM 322sq \* Bulldog21  
 30.86-0187/SJ F-15E 336th FS Tabor31-34  
 89-0488/SJ F-15E 336th FS Tabor31-34  
 89-0495/SJ F-15E 336th FS Tabor31-34

Credits: MAR, Scramble messageboard.

Lossiemouth November 2017  
 02.168436/LA P-8A VP-5 +03 LA436,032  
 168437/LA P-8A VP-5 +03 LA437,031  
 06.11-5736/RS C-130J-30 37th AS Herky639  
 168437/LA P-8A VP-5 LA061  
 07.11-5736/RS C-130J-30 37th AS Herky639  
 ZZ418 Shadow R1 14sq Widget48  
 08.T-729 Beech 1900D LTDB SAF562  
 ZE708 BAe146 C3 32(TR)sq Kittyhawk61  
 10.T-784 Ce560XL LTDB SAF562  
 07-8608/RS C-130J-30 37th AS Herky774  
 13.J-5005 F/A-18C Flst 11/18 tdy 08/12 SAF510C  
 J-5006 F/A-18C Flst 11/18 tdy 08/12 SAF518A  
 J-5013 F/A-18C Flst 11/18 tdy 08/12 SAF510D  
 J-5014 F/A-18C Flst 11/18 tdy 08/12 SAF510B  
 J-5015 F/A-18C Flst 11/18 tdy 08/12 SAF514B  
 J-5018 F/A-18C Flst 18 tdy 08/12 SAF518B  
 J-5026 F/A-18C Flst 11/18 tdy 08/12 SAF514C  
 J-5232 F/A-18D Flst 11/18 tdy 08/12 SAF510A  
 J-5233 F/A-18D Flst 11/18 tdy 08/12 SAF514A  
 HB-JVM ERJ190 Helvetic support  
 130616 CC-130J-30 436sq 14 CFC2524  
 14.163554 UC-12F NAF Atsugi? CNV7554  
 16.T-784 Ce560XL LTDB SAF562  
 17.T-784 Ce560XL LTDB SAF562  
 21.J-5238 F/A-18D Flst 11/18 08 SAF510  
 22.T-785 Falcon 900EX LTDB SAF562  
 27.T-729 Beech 1900D LTDB SAF562  
 28.T-721 Beech 350 LTDB +30 SAF562

Credits: MAR, Scramble messageboard.

Mildenhall November 2017  
 01.84-0126 C-21A 76th AS \* Valor42  
 02-0042 C-40B 76th AS \* Valor40  
 58-0010 KC-135R 141st ARS NJ ANG 02 RCH159  
 59-1520 KC-135T 92nd/141st ARW 02 RCH163  
 02.84-0126 C-21A 76th AS \* Valor21  
 64-14832 KC-135R 151st ARS TN ANG 03 RCH959  
 03.87-0122 KC-10A 305th AMW 04 Blue84  
 60-0315 KC-135R 126th ARS WI ANG 04 RCH208  
 62-3550 KC-135R 197th ARS AZ ANG 08 RCH188  
 04.79-0433 KC-10A 305th AMW RCH418  
 59-1472 KC-135R 314th ARS AFRC 19 RCH532  
 05.79-0433 KC-10A 305th AMW RCH418  
 06.LX-N90456 E-3A NAEW&CF \* NATO40  
 84-0085 C-21A 76th AS Falcon03  
 63-8025 KC-135R unmarked RCH642  
 07.ZK460/I Beech B200GT 45(R)sq \* Cranwell75  
 64-14841/OF RC-135V 55th Wg 08 Olive56  
 00-3004/LN F-15E 494th FS \* Crocus41  
 08.84-0085 C-21A 76th AS 09 Falcon01  
 57-1483 KC-135R 92nd/141st ARW 09 RCH320  
 09.V-11 G-IV 334sq NAF61  
 84-0188 KC-10A 305th AMW 13 RCH558  
 87-0120 KC-10A 305th AMW 13 RCH655  
 07-8608/RS C-130J-30 37th AS 10 Herky774  
 10.87-0027 C-5M 433rd AW AFRC RCH141  
 11.79-0433 KC-10A 305th AMW RCH149  
 13.79-0433 KC-10A 305th AMW RCH149

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Based at NAS Whidbey Island (WA), this VP-69 "Totems" P-3C AIP+ Orion 163004 came by Paul Betten's camera on 1 December 2017 at Kadena Japan. The squadron roots are visible in the tail where the green totem markings show some colour. In the back two 44th FS/18th FW F-15C Eagles are seen.

91-0310/LN	F-15E	494th FS	Dude22	10.CH09	C-130H	20sm	2x BAF639/639A
00-3004/LN	F-15E	494th FS	Dude21	ZH901	Chinook HC5	27sq	SHF423
14.08-8602/RS	C-130J-30	37th AS	Lion478	ZH887/887	Hercules C5	24/30/47sq	RRR5815
64-14844/OF	RC-135V	55th Wg	16 Olive55/56	14.MM62202	P-180	71°Gr GE	IAM1495
15.87-0027	C-5M	433rd AW AFRC	16 RCH141	258	LJ45	102sq	IRL258
59-1476	KC-135R	92nd/141st ARW	16 RCH341	16.ZJ123	Merlin HC3	845NAS	Jungli411
16.16-0055	A400M	221 Filo	17 TUAF808	F-ZBMC	Dash 8	Securite Civile	Merlin73
07-7178	C-17A	305th AMW	RCh607	22 97-0105	UC-35A	E/1-214th AVN	Duke25
09-9207	C-17A	437th AW	RCH528	23.ZM415/415	Atlas C1	70sq	RRR4666
84-0087	C-21A	76th AS	Valor76	ZA720	Chinook HC4	18sq	2x Ultimate1
62-3519	KC-135R	22nd ARW	17 RCH606	ZH904	Chinook HC5	18sq	2x Ultimate2
91-0301/LN	F-15E	492nd FS	* Trek11	24.14+02	Global 5000	FBS BMVg	GAF624
91-0312/LN	F-15E	492nd FS	* Trek12	252	CN235M-200	101sq	IAC252
97-0220/LN	F-15E	492nd FS	* Bolar31	ZM415/415	Atlas C1	70sq	RRR4668/4669
169010/LL	P-8A	VP-30	VVLL825	28.ZH885	Hercules C5	24/30/47sq	RRR100
17.07-0033	CV-22B	7th SOS	arr	252	CN235M-100	101sq	IRL252
12-0065	CV-22B	7th SOS	arr	29.103	Xingu	28F	FNY5028
18.58-0075	KC-135R	756th ARS AFRC	19 RCH982	252	CN235M-100	101sq	IRL252
19.79-0433	KC-10A	305th AMW	RCH301	30.011	C295M	13.eltr	PLF044
20.79-0433	KC-10A	305th AMW	RCH301	ZH899	Chinook HC4	18sq	Pegasus1
21.16-0055	A400M	221 Filo	22 TUAF808	<u>Credits:</u> MAR, Scramble messageboard.			
ZK383/383	Typhoon T3	nmks	* Typhoon23	<u>November 2017</u>			
87-0042	C-5M	60th AMW	22 RCH164	Prestwick			
85-0002	C-5M	436th AW	RCH645	01.92-1534	C-130H	187th AS WY ANG	RCH627
26.168071/BH	KC-130J	VMGR-252	29 Bronco31/38	92-1537	C-130H	187th AS WY ANG	RCH637
27.84-0192	KC-10A	305th AMW	RCH220	02.96-1005	C-130H	109th AS MN ANG	03 RCH254
08-8190	C-17A	437th AW	28 RCH108	G-CGKR/KR	Tutor T1	UGSAS	* UAJ39
60-0355	KC-135R	(92nd/141st ARW)	28 RCH550	03.130333	CC-130H	424sq	04 CFC2035
28.84-0192	KC-10A	305th AMW	RCH220	96-1004	C-130H	109th AS MN ANG	04 RCH700
84-0083	C-21A	76th AS	Valor21	04.130606	CC-130J-30	436sq	07 CFC2512
62-3506	KC-135R	117th ARS KS ANG	29 RCH558	130616	CC-130J-30	436sq	06 CFC2575
62-4134/OF	RC-135W	55th Wg	01 Snoop55	96-1006	C-130H	109th AS MN ANG	05 RCH677
29.62-3573	KC-135R	91st ARS	30 RCH725	05.130613	CC-130J-30	436sq	06 CFC2567W
62-3545	KC-135R	22nd ARW	30 RCH147	09-0623	MC-12W	185th SOS OK ANG	06 FL623
165151	C-20G	CFLSW Sigonella	Catbird1	09-0639	MC-12W	185th SOS OK ANG	06 FL639
168071/BH	KC-130J	VMGR-252	01 Bronco38/31	96-1008	C-130H	109th AS MN ANG	06 RCH717
30.84-0079	C-21A	458th AS	RCH375	06.164993/BD	C-130T	VR-64	08 CNV6026
63-8000	KC-135R	92nd/141st ARW	01 RCH462	07.ZM413/413	Atlas C1	70sq	* Coronet433
63-8025	KC-135R	unmarked	01 RCH544	ZK459/X	Beech B200	45(R)sq	* CWL77
62-4132/OF	RC-135W	55th Wg	dep Snoop56	ZH004	Defender AL2	651sq	AA503
<u>Credits:</u> MAR, Scramble messageboard.				ZA588/056	Tornado GR4	Marham Wg	* MRH42
Northholt				08.ZM415/415	Atlas C1	70sq	* RRR440
01.97-00105	UC-35A	E/1-214th AVN	Duke26	ZH002	Defender AL2	651sq	* AA003
03.1501	C-130E	14.eltr	PLF254	08-5693	C-130J-30	39th AS	RCH549
09.84-0085	C-21A	76th AS	Falcon01	164993/BD	C-130T	VR-64	CNV6102
ZM523	Juno HT1	DHFS	10 SYS707	09.ZK023/N	Hawk T2	4(R)sq	* VYT66
				84-0126	C-21A	76th AS	Valor11

Credits: MAR, Scramble messageboard.

Northholt

01.97-00105 UC-35A E/1-214th AVN  
 03.1501 C-130E 14.eltr  
 09.84-0085 C-21A 76th AS  
 ZM523 Juno HT1 DHFS

November 2017

Duke26  
 PLF254  
 Falcon01  
 10 SYS707

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10.177701	CC-177	429sq	11 CFC4001	A7-MBK	A320CJ	Gvmt of Qatar	+21
ZZ337/337	Voyager KC3	10/101sq	RRR2125	07.A6-HRM	B747-422	Gvmt of Dubai	DUB1
11.79-1949	KC-10A	305th AMW	RCH197	09.FAC0001	B737-74V	Colombian AF	
87-0118	KC-10A	305th AMW	RCH471	75-0125	E-4B	1st ACCS	Hank88
08-8601/RS	C-130J-30	37th AS	HKY776	99-0004	C-32A	1st AS	SAM577
12.15004	CC-150	437sq	13 CFC3379	16.A4O-AA	A320-233	Gvmt of Oman	ORF5
ZH883/883	Hercules C5	24/30/47sq	17 Jigsaw1/RRR099	24.A9C-HMH	B767-4FSER	Gvmt of Bahrain	BAH3
ZH887/887	Hercules C5	24/30/47sq	17 Jigsaw2/RRR100	24.02	C-37B	USCG	C202
13.15002	CC-150	437sq	CFC4173	26.91-003	G-IV	212 Filo	TUAF141
84-00162	C-12U-3	E/1-214th AVN	Duke69	A6-PFC	B787-8	Gvmt of Abu Dhabi Amiri	AUH04
14.130609	CC-130J	436sq	15 CFC2540	A7-HBJ	B747-8KB	Gvmt of Qatar	
130613	CC-130J	436sq	16 CFC2508	TC-ANA	A319-115X	Gvmt of Turkey	TRK3
ZZ330/330	Voyager KC2	10/101sq	15 RRR2129	TC-DAP	G550	Gvmt of Turkey	TRK5
166694	C-40A	VR-56	CNV6322	27.A4O-AD	G550	Gvmt of Oman	ORF3
15.130601	CC-130J	436sq	17 CFC2530	<u>Credits: MAR, Scramble messageboard.</u>			
ZH002	Defender AL2	651sq	* AA523/526	Waddington			
ZH882/882	Hercules C5	24/30/47sq	* RRR121	02.ZA459	Tornado GR4	Marham Wg	* Monster
16.N512DC	Beech 350ER	USSOC	u/s 30 FL342	ZD849	Tornado GR4	Marham Wg	* Monster
17.ZZ177/177	C-17A	99sq	19 RRR6605	03.57-2605	KC-135R	351st ARS	* Quid52
20.84-0087	C-21A	76th AS	Valor21	06.G-BYUZ	Tutor T1	3 FTS	* CWL52
21.130613	CC-130J-30	436sq	22 CFC2508	07.G-BYUS	Tutor T1	3 FTS	* CWL95
ZM402/402	Atlas C1	70sq	RRR470	09.ZG771	Tornado GR4	Marham Wg	MRH63
84-0191	KC-10A	60th AMW	22 RCH707	13.ZF287/287	Tucano T1	72(R)sq	* LOP12
165151	C-20G	CFLSW det. Sigonella	Catbird1	14.ZE707	BAe146 C3	32(TR)sq	RRR1481
26.ZG998	Defender AL1	651sq	* AAC516	ZE708	BAe146 C3	32(TR)sq	15 RRR1481
27.ZK025/P	Hawk T2	4(R)sq	* VYT55	16.ZZ524	Wildcat AH1	1Regt	Siren05
ZK031/V	Hawk T2	4(R)sq	* VYT266	G-COBS	DA-42M	Cobham	
28.ZK022/M	Hawk T2	4(R)sq	* VYT592	20.ZF205/205	Tucano T1	72(R)sq	* LOP28
ZK029/T	Hawk T2	4(R)sq	* VYT587	21.ZA560	Tornado GR4	Marham Wg	Monster02
166694	C-40A	VR-56	CNV6666	ZM404/404	Atlas C1	70sq	Comet441
N350PT	Beech 350ER	USSOC	29 PL467	ZF342/342	Tucano T1	72(R)sq	LOP471
29.15002	CC-150	437sq	30 CFC3159	22.ZK383/383	Typhoon T3	29(R)sq	Typhoon30
177702	CC-177	429sq	30 CFC4002	ZK379/379	Typhoon T3	41(R)sq	Rebel61
ZK035/Z	Hawk T2	4(R)sq	* VYT591	23.ZF290	Tucano T1	72(R)sq	LOP46
01-0041	C-40B	1st AS	SAM076	ZK302/302	Typhoon FGR4	Typhoon03	*
30.QQ101	BAe146-RJ100	QinetiQ	Gauntlet50	27.ZK459/X	Beech B200GT	45(R)sq	* CWL74
ZZ334/334	Voyager KC3	10/101sq	RRR100/101	ZK373/373	Typhoon FGR4	29(R)sq	* Typhoon31
79-1949	KC-10A	305th AMW	01 RCH984	28.ZJ998	Merlin HC3A	845NAS	Junglie1
62-3502	KC-135R	91st ARS	01 RCH106	29.ZH903	Chinook HC5	27sq	SHF421
				30.ZJ119	Merlin HC3A	845NAS	Junglie1

Credits: MAR, Scramble messageboard.

Stansted			November 2017
03.1270	C-17A	UAE AF	04 Uniforce1229

Credits: MAR, Scramble messageboard.



A rare bird is shown here; Pilatus PC-6 of the Gendarmeria Nacional Argentina: after forty years in service, the aircraft (c/n 787) built in 1977 and registered GN-805, visited Stans for a major overhaul. (Stans-Buochs, 13 December 2017, Stephan Widmer)

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Capital Airlines is a major international carrier within the HNA group. It initially flew a domestic network within China from its Beijing Capital main base and hubs a Guangzhou, Meilan, Sanya and Xi'an. In 2014 it started international services to Mongolia, Japan, Korea and Thailand. Long-haul international services started in September 2015, with the first of a new fleet of Airbus A330-200s. The first destination was Copenhagen, followed by Madrid, Male and Melbourne. In July 2017 Capital Airlines started flying to Lisbon, where Marcus Seidele took this picture from A330-200 B-8982 on 17 December.

## Manufacturers News

### Airbus

#### A321-200NX

This autumn, Airbus completed a new variant of the A321-200N (NEO), called the A321-200NX. This new version will have a new door-configuration, called "Airbus Cabin Flex" (ACF) which permits a higher physical seat count. For this new door configuration the original "Door 2" will be permanently deleted. This has become possible, because new over-wing exits are incorporated in the fuselage. These smaller over-wing exits are made possible by the certification of the smaller escape slides. The original "Door 3" is moved four frames further aft compared to the original A321. Door 4 remains unchanged. Because these door changes are structural, this new version needed a new aircraft type certificate and will be designated the A321-200NX. Due to technical differences, no retrofit will be available to modify the standard A321-200N to the A321-200NX

Airbus markets the A321-200NX with a three-class cabin of 108 economy seats, 36 economy plus and 30 lie-flat business seats; or a two-class cabin with 16 business seats and 190 economy seats or a high density 240 seat all-economy cabin. The A321-200NX is aimed at the Boeing 757-200 replacement market, and will have a comparable range, but a slightly lower seat capacity. Intended markets are North America to Europe, Europe to Africa, North America to South America and S.E. Asia to Australia. With newer engines and a more modern design, the A321-200NX will have 27% lower fuel burn than the 757-200.

An A321-200NX is the only A321 Version capable of a MTOW of 97t as it has a reinforced landing gear but, as a basic option it may also be operated with lower MTOWs. Also the A321-200NX may be equipped with up to three (instead of two) additional centre (fuel) tanks (ACT). When equipped with the optional third fuel tank, the A321-200NX will have a range of 4050nm, 400nm more than the standard A321-200N. An A321-200NX in basic specification has no greater range or higher MTOW than a basic A321-200N. Its ACF door configuration is the only reason it may offer a higher seating capacity. However with the optional higher MTOW and the

optional additional third fuel tank, the A321-200NX provides airlines with greater payload and range flexibility.

Initially this long new A321 version was unofficially called the A321neoLR and was officially launched by Airbus in January 2015. The A321neoLR is now - for aircraft type certification purposes - officially designated as A321-200NX. This designation became public in 2017 and the aircraft will be available from 2019.

### Boeing

#### Boeing E-jet?

As a response to the Airbus-Bombardier CSeries joint-venture, Boeing and Embraer have confirmed that they are talking about a possible take-over of the Brazilian manufacturer by Boeing.

A deal with Embraer would give Boeing a new presence in the regional jet market, following Airbus' plan announced in October 2017 to acquire a majority stake in the Bombardier CSeries programme. In the current market duopoly, Boeing cannot allow to do nothing against Airbus proposed acquisition of a new family of aircraft in the sub-150 seat market segment. To develop a new clean-sheet development programme in this market segment will take too much of Boeing engineering resources as they are busy with the new middle of the market segment aircraft and with a 737 successor that will enter the market in the second half of the 2020s. So acquiring Embraer's strong position in this market segment with the E-Jet family makes an attractive option.

However as Embraer is one of the crown jewels of the Brazilian economy, any deal between Embraer and a foreign company is subject to the approval of the Brazilian government. The Brazilian air force created Embraer in 1969 as a state-owned company. The government agreed to privatise Embraer in 1994, but retained a golden share with veto power over any proposal that would transfer control of the company's share. According to Brazilian press reports, the Brazilian government is open to associations between Embraer and Boeing but do not support a full take-over.

## Bombardier

### CS100/300

Bombardier finished 2017 with a rush to the New Year. On 22 December 2017 the long-awaited delivery of the first CS300 (HL8092, c/n **55018**) to Korean Air was completed, marking the 15th CS100/300 delivery for this year. In Mirabel, Bombardier has two more CS300s ready for delivery to Korean Air and reaching their delivery goal of 20 deliveries in 2017.

In the meantime Bombardier also signed a Letter of Intent with EgyptAir for 24 CS300s. This was concluded during the Dubai Air Show 2017 and comprises twelve purchase rights and another option for the remaining twelve. Added with this deal the current status of the CS100/300 holds 360 orders and continues to rise.

### CL-350/CL-650

On 6 December 2017 Bombardier celebrated another milestone for their business jet programmes. The 200th delivery of the CL-350 was completed, marking over 650 deliveries in the CL-300/350 segment. At the same time CL-650 delivery number fifty took place and this latest Challenger model makes a total of 1,100 deliveries of the entire CL-600 fleet.

## COMAC

### ARJ21-700

COMAC announced on 22 November 2017 that their 10th ARJ21-700 made its first flight from Shanghai-Dachang. This number is specially marked as the first VIP business jet version of the ARJ21 to be delivered to Shanghai Yan Shang Group in Q1 2018. Unfortunately the biggest hurdle for the ARJ21 program remains the certification flight program as all known Standard Operating Procedures (SOP) need validation by the CAAC before the required certification certificates are released.

### C919

On 17 December 2017 COMAC celebrated the first flight of their second C919 prototype. B-001C (c/n **102**) departed Shanghai-Pudong (PVG) around 10.30 for a two hour flight in the area. In the meantime, the first prototype B-001A (c/n **101**) flew from Shanghai-Pudong to Yanliang on 9 November 2017 for additional flight testing by AVIC, the first flights could be followed on FlightRadar from 23 November onwards. Slowly but steady the prospectus specifications are proven and certified however the pace is not comparable to Airbus or Boeing.

Next to the first flight of their second C919 COMAC also received their largest order so far. ICBC Leasing signed a contract for 55 more C919s on 5 December 2017, making their total order reaching 100 C919s. The first 45 C919s were ordered in 2011 and the lease firm also added 35 ARJ21-700s to the shopping list back in 2015.

## Dassault

### Falcon 5X

Dassault Aviation reported on 13 December 2017 cancellation of the project after another set-back on their Falcon 5X project. The new entry into service is not expected before 2022. Reason for the new delay is the termination of Safrans Silvercrest as dedicated engine provider. Since the first test flight of the 5X on 5 July 2017 with a non compliant engine set this fall Safran encountered issues with the high pressure compressor. This is another setback since the program launched in 2013 and caused reliability wonders at Dassault. After evaluation the decision was made to drop Safran as the previous delay announcement resulted in 12 cancelled orders in 2016. As part of damage control Dassault reached out to Pratt and Whitney Canada for a new engine to be fitted on their improved concept airplane following the Falcon 5X specifications, a range of 5500 nm and scheduled to enter service in 2022.

## Mitsubishi Aircraft

### MRJ90

Late December 2017 Mitsubishi reported that two more MRJ90 frames (c/n **10007** and **10010**) are being build to join the flight test program. With these two additions the total test fleet will be six by Q3 2018. These last two frames will also incorporate modifications on the electronic bays and highlight focus on high-intensity radiated field and electromagnetic interference tests, functionality and reliability, passenger comfort and operational evaluation of the MRJ90. At this moment 1500 hours have been clocked on the total required sum of 2500 hours. With the modifications at this moment additional 500 hours are needed to comply. Launch customer ANA will receive their first operational MRJ90 Q2 2020.

## Sukhoi

### RRJ95

We know the winglet and its deviations by Boeing, the sharklet from Airbus and Sukhoi is adding its own version by the



On the 21 December 2017, the Sukhoi Superjet 100 performed its first flight with the installed saberlets in Zhukovsky. This picture clearly shows the curves of the saberlets. (photo by Sukhoi Civil Air Company)

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Royal Air Maroc added this 2007 vintage Boeing 737-800 to its fleet in summer 2017. Previous operators were Air Europa, Transaero Airlines and Eastern Air Lines. Royal Air Maroc painted the CN-RGV registered aircraft in a special "60 years" anniversary colour scheme. (Amsterdam-Schiphol, 23 October 2017, Robert Eikelenboom)

name of saberlets. On 21 December 2017 the first flight of Sukhoi Civil Aircraft RRJ95-LR 97006 (c/n **95032**) took place at Moscow-Zhukovsky airport. The shape resembles the raked wingtips like seen on B767-400 and B747-8 the best and will add to the durability of a RRJ95 flight, less fuel burn and better aerodynamic profile. Build by VASO (Voronezh aircraft manufacturer) the saberlets will be tested and validated before the kits will be offered to current and future customers of the Super Jets.

Sukhoi Civil Aircraft also announced their target goals for 2018; 30 new sales for the RRJ95s. Sukhoi also expect some deliveries for 2018, at the current schedule this will include some exotic deliveries to airlines and governments like Zambia (5; 4 + 1 VIP), Angola, Russia (5), Aeroflot (8-12), Inter-

jet (4) and Adria Airways (12). A remark has to be made that some wishful thinking might be involved as Angola and Adria Airways only declare to have asked for an RfP; Request for Proposal.

### Embraer

#### E175

Embraer and Envoy celebrated the delivery of their 44th E175 on 6 December 2017. Although painted in American Eagle colours Envoy operates and welcomed N263NN (c/n **17000703**). This E-jet is the 1,400th production delivery on the E-jets order book of 1,800 orders.

## Airliner News

### Europe

#### The Netherlands

Corendon Dutch Airlines has announced that it will base its first B737MAX8 at Schiphol from the second quarter of 2018. The airline has also said that it plans to establish a base at Lelystad in 2019.

#### Albania

The government has announced that Air Albania is set for a launch in 2018 and will first start flying from Tirana to Pristina, Skopje, Zagreb, Podgorica and Sarajevo before adding destinations in West-Europe. On its Facebook page it shows a B737-400 in the airline's livery, but it is unknown which plane they are really planning to operate. The new start-up is being supported by Turkish Airlines.

#### Austria

Austrian Airlines have purchased five former Air Berlin A320s, which were already operated for them on a wet-lease basis. The planes have already been re-registered in the Austrian register. By the time you read this issue of Scramble the airline has also operated its last Fokker 100-flight.

While typing this issue of Scramble, troubles were ahead for Niki as Lufthansa withdrew its bid to take-over the airline in order to please the European Commission for the approval of their take-over of Air Berlin and LGW. As a result Niki was on the brink of bankruptcy. Two parties were in talks about a possible take-over, IAG and Niki Lauda.

#### Belgium

As a follow up on the news of last month, we can now report that VLM has signed a lease agreement for a single A330-

200 which it will use on flights between Belgium and China. The airline still has to decide if they are going to operate the flights out of Brussels or Liege.

#### Bosnia

A Saudi Arabian group, the Al Shiddi Group, is working to start a new national airline in the country, FlyBosnia. The new airline is already seeking new staff according to ads in local newspapers. No timeframe or fleet plans have been outlined.

#### Cyprus

With the arrival of its first, former KLM Cityhopper, Fokker 70, Tus Airways has phased out all of its Saab 2000s.

#### Czech Republic

Travel Service Airlines announced that the company has secured leases for another nine B737MAXs. With these latest leases, Travel Service now has orders and lease-agreements for 39 B737MAXs. The first eight are set to be delivered this year, fifteen in 2019 and the rest around 2023.

#### Denmark

Danish Air Transport has taken over a single MD-82 from Meridiana and will use this plane alongside its single MD-83. Previously the company was seeking to lease an additional A319/A320 to replace the MD-83, but these planes have now been shelved. To make things a little more difficult, three other former Meridiana MD-82s have also been acquired by a Danish company, Danish Airlease, but this company has no relation with Danish Air Transport. Danish Airlease hopes to sell or lease the three MD-82s to operators in North Africa, Turkey and Ukraine.

## Estonia

Airest is planning to buy four CRJ200Fs, with the first to arrive in this quarter. The company is already operating eight Saab 340Fs and a single passenger Saab 340.

## France

It looks like its finally happening; widebody-aircraft at Aigle Azur as the airline has secured leases for two A330-200s, which are to arrive before the end of May this year. Both planes will be deployed on flights between Paris-Orly and China.

Groupe Dubreuil has decided to rebrand French Blue into just French. The move comes as the airline has applied to operate flights to and from the USA.

IAG has decided to phase out the OpenSkies-brand when it will start LEVEL-operations out of Paris-Orly. The disappearing of the brand is expected at the end of the upcoming summer season. LEVEL is planned to start operating out of Orly from July 2018 using two A330-200s on flights to Montreal, Pointe a Pitre, Fort de France and Newark (NJ).

## Germany

A group of former Air Berlin and LTU-employees are in the process of starting up a new airline out of Dusseldorf. The new airline is named LTyou and they are planning to operate "underserved" longhaul destinations. No timeframe or fleet-plans are known at this moment, but we wish them well!

Russian cargo carrier Volga-Dnepr has decided to start a German subsidiary and has applied for an AOC. The new unit will operate out of Leipzig-Halle and will use three An-124s, which will be transferred to the German airline from the mother company.

## Ireland

The CEO of CityJet has said that the airline will phase out its RJ85s by the end of 2019 at latest. Currently the company still flies thirteen planes of the type.

## Italy

Meridiana fly has announced that it will phase out its B767s by the end of the first quarter of 2019. First to go is its B767-200ER. The planes will be replaced by four A330s, which will come from parent Qatar Airways. The first of those is expected in April.

## Luxembourg

Cargolux is studying the possibilities to expand the fleet with several used B747-400Fs or B747-8Fs.

## Malta

Air Malta is looking at leasing or buying a 100-seater plane

and has received proposals from Sukhoi and Embraer.

## Norway

With the arrival of their first ERJ190-E2 in April, Wideroe is expanding its operations out of Scandinavia for the first time. The airline is planning to use the new planes on flights between Bergen and Hamburg and Munich and from Kristiansand to London-Stansted.

## Poland

LOT is going to acquire six ERJ195s to its fleet in the second quarter of this year. All planes are former Azul Airlines-aircraft. Two are set for delivery in April, the other four in June.

## Russia

KrasAvia is going to buy or lease six Il-114s which will be used to replace the airline's single An-24 and five An-26s.

A new start-up in Russia is N8 Airlines, which is planning to operate several SSJs out of Adler.

Nordavia is expected to take delivery of its first two B737NGs around June. Both are two former Aeromexico B737-700s.

## Switzerland

Darwin Airline, which was purchased from Etihad by Adria Airways has ceased all operations and went into bankruptcy.

SkyWork Airlines is planning to add two ERJ170s to its fleet, which it will use as of March between Bern and various sunny destinations in mainly Spain.

## Turkey

AtlasGlobal is planning to place an order for new planes in the first quarter of 2018. Contenders are the A320neo-family and the CS300 from Bombardier. The company is also planning to add widebody-aircraft and is looking at adding either the A330 or the A350 within the next three years. AtlasGlobal is also looking to expand with new subsidiaries in Albania, China, Russia, Saudi Arabia, North Africa, Kazakhstan and Romania. The last two are the most concrete in the works. With these new subsidiaries AtlasGlobal wants to establish a truly AtlasGlobal-alliance with the airlines feeding into each other networks. Lastly, the airline also thinks about re-introducing the Atlasjet-brand for the use by a possible low-cost subsidiary.

Airbus and Pegasus Airlines announced that the Turkish carrier firmed up options on 25 A321neos into firm orders. These 25 planes will all be delivered by 2024 and the airline has secured with Airbus that they can switch to the A320neo if necessary.



On 1 December Joon, the new Air France-KLM group subsidiary, launched services from Paris Charles de Gaulle base to Barcelona, Berlin-Tegel, Lisbon and Porto. Initially they will operate six Airbus A320 aircraft which were transferred from Air France. Also a few A340-300 will be transferred from Air France to Joon in 2018, allowing for Long Haul operations. Joon is not a low-cost daughter, but is positioned as a simple, modern and innovative offer to business and leisure customers, with standards of product quality and crew professionalism comparable to those of Air France. Airbus A320-200 F-GKXT is one of the ex Air France A320s, transferred to the new airline. (Barcelona, 3 December 2017, Joris Witsen)

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EVA Air cargo took delivery of its first Boeing 777 Freighter B-16781 on 8 November 2017. It is the first aircraft out of an order for five triple seven freighters. All of the 777 Freighters will be delivered to the airline by September 2019. With the deliveries EVA Air will retire its five remaining 747-400 Freighters by the end of 2019. (Bangkok - Suvarnabhumi, 29 November 2017, Marielle Kokmeijer)

#### United Kingdom

AerCap and [Virgin Atlantic](#) has signed a lease agreement for four former Air Berlin A330-200s. The planes are to arrive from March and will be used to cover for critical maintenance of the airline's B787-9s. The planes will be mainly used out of Manchester and will free up A330-300s and B747-400s which will move to Heathrow. The airline is also taking back on of its stored A340-600s to help keep the capacity in order while the B787-9s are having their downtime.

#### Africa

##### Algeria

[Air Algerie](#) is thinking about which plane is to replace its fleet of ATR72-500s. Nothing has been decided, but they are looking at either new ATR72-600s, or going in another direction with C-Series from Bombardier or E-Jets from Embraer.

##### Egypt

Despite EgyptAir signing a Lol with Bombardier for twelve C-Series, the Egyptian government has re-entered negotiations with Russia about possible orders for the SSJ and MC-21 which would also be for EgyptAir.

ALC and [FlyEgypt](#) signed a lease-agreement for two B737-800s. The first one should already been delivered, whilst the second one is due to arrive this month.

##### Ethiopia

Chorus Aviation and [Ethiopian Airlines](#) signed a lease-agreement for two DHC-8-400s. Both planes have been newly ordered by Chorus at Bombardier and been delivered while you read this Scramble.

##### Ghana

[Africa World Airlines](#) is expanding its fleet with two ERJ190s later this year. With the arrival of these two new planes the airline is also still planning to add at least one A319 to its fleet.

[Starbow Airlines](#) has suspended all operations after its recent delivered ATR72 veered off the runway at Accra on 25 November. The ATR was only delivered three days earlier.

##### Mauritania

[Mauritania Airlines](#) has taken delivery of its first B737MAX8, making it the first operator in Africa of the type. You don't have to travel to Mauritania to spot the plane as the airline has announced that it will use it on the airline's flights to Paris-Charles de Gaulle.

##### Morocco

Boeing and [Royal Air Maroc](#) announced that the airline has ordered four B787-9s. Two of those were already ordered in 2016, but listed under unidentified. The first new Dreamliner is expected this year.

##### Mozambique

As a replacement for the previous three leased DHC-8-400s, [LAM](#), is seeking to lease two DHC-8-400s. With these two planes LAM hopes to reduce the capacity shortage its having.

##### Nigeria

If you still have some change laying around you can think of investing in [Med-View Airlines](#) as the airline is seeking \$50 million to secure the acquisition of B777-planes.

##### South Africa

ASL Aviation Holdings has sold its majority of [Safair](#) to [Airlink](#). ASL will continue to be a minority shareholder in the Airlink Group. Both carriers will continue to operate its various brands and franchises.

[CemAir](#) has firmed up its order for two DHC-8-400s and placed an additional order for another two of the type. The airline announced the orders when taking delivery of its first leased DHC-8-400.

##### Zambia

The government has announced that it will restart the national airline [Zambia Airways](#) in time for the 54<sup>th</sup> celebration of independence on 24 October. Ethiopian Airlines is supporting the restart of the company and will probably supply the new airline with DHC-8-400 and B737-aircraft.

##### Zimbabwe

[Air Zimbabwe](#) wants to acquire another three MA-60s which, once delivered, will take its fleet of the type to six.

#### Asia

##### India

Airbus and [IndiGo Airlines](#) are in talks about a possible order for widebody aircraft. The possible order could be for up to fifty planes and the chance of the order happening is around 50-50.

##### Kazakhstan

SMBC and [Air Astana](#) signed a lease-agreement for four additional A320neos. The first of those is expected at the end of 2019.



Qazaq Air has purchased two more Dash 8-400s to add to its fleet of three. Expected deliveries are in 2019.

#### Malaysia

flyGlobal Charter, which currently operates two B777-200ER on ACMI-operations, is looking to expand its fleet with another eight B777-200ERs. It hopes to have the fleet of ten planes in operation by 2021.

Section-regular Malaysia Airlines decided to put back its fleet of six A380s into regular service, as no buyer has been found for these aircraft. Although some are expected to be reconfigured from its current 496-seat layout to 700 (!) seats, dedicating all six whales for charter and Islamic pilgrimage operations is too inefficient. Besides keeping the A380 on the Heathrow service, expect to see the A380 at Melbourne, Seoul, Sydney and Tokyo-Narita.

#### Mongolia

A new airline in the planning in the country is Mongolian Airways International. The new airline is planning to operate a mix of Boeing 737s and either DHC-8s or ATRs on domestic and international operations. Mongolian Airways hopes to start flying in March.

#### South Korea

By 2020 Air Busan hopes to have introduced the A321neo in its fleet. No news from where the new planes will come from is currently known.

Air Incheon will lease one B767 Freighter from Air Transport Services Group (ABX Air and ATI), with an option for a second one. The B767F is expected to be delivered in 2018.

Fleet renewal plans at T'way Airlines as the airline has confirmed that its planning to acquire up to eight B737MAX8s and hopes to have those in operation by 2020. Five years later the airline wants to have fifty aircraft in its fleet, including ten widebodies.

#### Thailand

A new start-up is Khonkaen Airlines, a joint-venture between the Phongsavanh Group of Laos, the Mekong Group from Singapore and Khon Kaen chamber of commerce in Thailand. The new company wants to operate out of Khon Kaen to destinations in the Mekong-area as well as China and other

destinations in Asia. Fleetwise the new company wants to acquire several B737MAX8s and B777-300ERs.

### Latin America

#### Argentina

Aerolineas Argentinas will issue a RFP with Airbus, Boeing, Bombardier and Embraer this month in which the airline seeks a replacement for its fleet of twenty ERJ190s. The whole selection process is expected to take at least five months. The airline has also announced that it will phase out two of its four A340-300s this year and the last two in 2019.

#### Colombia

Viva Air has upgraded its MoU with Airbus for 35 A320neos and fifteen A321s into orders. The aircraft will be split between VivaColombia and VivaPerú. The first deliveries will be from the second half of 2018.

### Middle-East

#### Kuwait

Jazeera Airways is in talks with Airbus, Boeing, Bombardier and Embraer about a possible order. The airline is studying the possibilities of adding either the A320neo-family, the B737MAX-family, the C-Series or ERJ-E2. A final decision is expected shortly. Currently the airline operates seven A320s, with a further two to be delivered in February. Five to six A320s are also to arrive until 2022.

#### Qatar

Airbus and Qatar Airways agreed on the conversion of the airline's order for fifty A320neos into fifty A321neos. The planes are set to arrive from next year.

#### Saudi Arabia

Airbus and Boeing are both in the running for an order from flyadeal. A possible order would be for the A321neo or B737MAX9 and could be for up to fifty planes. The airline wants to use the new planes to grow with eight to ten planes a year.

### North America

#### Mexico

Synergy Aerospace is set to acquire up to 49% of the shares in Aeromar Airlines and will rename the airline into Avianca



*Sundair is a new German start-up airline. The airline was founded in 2016 in the city of Stralsund on the Baltic coast, but its primary base is Kassel-Calden in central Germany. Besides this airport the airline operates charter flights from various German airports to holiday destinations including Fuerteventura, Gran Canaria, Heraklion, Hurghada, Palma de Mallorca and Tenerife. The airline is partly owned (50%) by tour operator Shauinsland-Reisen and currently operates a fleet of two Airbus A320s, which were acquired from TAM Brasil. D-ASEF is one of them and is seen here at Dusseldorf airport. (2 December, Stefan Eberius)*

Mexico. With this rebranding the airline is also looking at adding a new plane type to its current fleet of ATRs.

Aeromexico is studying the possibility to use the CS100 from Bombardier as part of its fleet renewal plans. Several of those CS100s could come out of the 75-strong order from minority owner Delta Air Lines has for the type.

United States of America

Delta Air Lines loves this section in Scramble and decided to place an order for 100 A321neos (with options for another 100) to have a mentioning in your favorite blue magazine in the new year. Deliveries are expected from 2020 to 2023 and the A321s will replace the airline's aging fleet of MD-88s.

Federal Express is the launch customer of the Cessna 408, of which the airline has ordered fifty, with options for another fifty. The Cessna is a two-engined follow-up of the popular Cessna 208. Deliveries should commence from mid-2020, with an expected delivery-rate of one per month.

Swift Air, which took over Eastern Air Lines in 2017, is likely to cancel the Eastern Air Lines order for forty MRJ90s, as Swift Air would rather focus on an all-Boeing fleet. The MRJ90 project is already delayed by at least seven years, so cancellation of such an order would be a big blow to Mitsubishi. Time will tell.

## Aircraft orders

Underlining means an update compared to last month. We only report orders as published by the aircraft manufacturers.

### Airbus 2017 firm orders

AerCap	1	A320neo	
AirAsia	17	A320	
Air France	3	A350-900	
Air Lease Corporation	2	A321	
	12	A321neo	
BOC Aviation	2	A320	
CALC	9	A320	
	2	A320neo	
Cathay Pacific Aircraft Services	32	A321neo	
<u>CDB Leasing</u>	30	<u>A320neo</u>	
	15	<u>A321neo</u>	
Cebu Air	7	A321	
China Southern Airlines	20	A350-900	
Delta Air Lines	40	A321	
Frontier Airlines	1	A320neo	
GECAS	100	A320neo	
Hi Fly	2	A330-200	
IAG	3	A330-200	
Iberia	1	A330-200	
K-Air Airlines	8	A320	
Nile Air	2	A321neo	
Peach Aviation	4	A320	
Private	1	ACJ319neo	
	1	ACJ320	
Spirit Airlines	2	A320	
Undisclosed	7	A319	
	5	A320	
	13	A320neo	
	4	A330-300	
	2	A330-900	
	10	A350-900	
	1	A350-1000	
United Airlines	10	A350-900	
Viva Aerobus	3	A320	
Vueling	3	A320	
Wizz Air Hungary	10	A321	
Yemenia	4	A320neo	
Total	388		(+45)

### ATR 2017 firm orders

Air Senegal	2	ATR72-600	
Air Tahiti	1	ATR72-600	
BRA Sweden	1	ATR72-600	
FedEx Express	30	ATR72-600F	
Hantong Aviation	3	ATR42-600	

IndiGo	50	ATR72-600	
Iran Air	20	ATR72-600	
Mandarin Airlines	6	ATR72-600	
Tianju Investment Group	10	ATR42-600	
Undisclosed	1	ATR42-600	
	1	ATR72-600	
Total	125		

### Boeing 2017 firm orders

AerCap	30	B787-9	
Aeroflot	6	B777-300ER	
Air Lease Corporation	12	B737MAX10	
	2	B787-9	
ALAFCO	20	B737MAX	
Alaska Airlines	4	B737MAX	
Arik Air	2	B787-9	
Aviation Capital Group	4	B737MAX	
	20	B737MAX10	
Avolon Aerospace Leasing Ltd.	55	B737MAX8	
	20	B737MAX10	
	10	B737MAX10	
	4	B787-9	
CALC	50	B737MAX	
<u>China Development Bank</u>	42	<u>B737MAX8</u>	
	6	B737MAX10	
	8	B787-9	
	3	B787-9	
EI AI	4	B777-200F	
Ethiopian Airlines	1	B777-200F	
FedEx	176	<u>B737MAX8</u>	(+175)
<u>flydubai</u>	4	P-8I	
Indian Navy	4	B787-8	
Japan Airlines	10	B737	
JIA	5	B737MAX8	
Monarch Airlines	2	B737MAX8	
Norwegian Airlines	5	<u>B787-9</u>	
<u>Okay Airways</u>	8	B737MAX9	
Primera Air	8	BBJ	
Private	4	B777-200F	
Qatar Airways	2	P-8A	
Royal Air Force	4	P-8A	
Royal Australian Air Force	10	B737MAX200	
Ryanair	3	B737	
SMBC Aviation Capital	20	B777-9	
Singapore Airlines	19	B787-10	
	7	B737-800	
Sun Express	3	B737-800	
Tassili Airlines	288	<u>B737</u>	(+6)
<u>Unidentified</u>	3	<u>B747-8F</u>	(+1)
	18	B777	
	15	B787	
United Airlines	4	B777-300ER	
US Air Force	2	B747-8	
	15	KC-46A	
US Navy	11	P-8A	
WestJet	5	B737MAX	
	10	B787-9	

Total 971 (+184)

### Bombardier 2017 firm orders

CemAir	2	DHC-8-400Q	
<u>Chorus Aviation</u>	2	<u>DHC-8-400Q</u>	
CityJet	10	CRJ900	
EgyptAir	12	CS300	
Ethiopian Airlines	5	DHC-8-400Q	
Ilyushin Finance Corporation	1	DHC-8-400Q	
Nordic Aviation Capital	2	DHC-8-400Q	
Philippines Airlines	7	DHC-8-400Q	
<u>Qazaq Air</u>	2	<u>DHC-8-400Q</u>	
SpiceJet	25	DHC-8-400Q	
Total	68		(+4)

### Embraer 2017 firm orders

American Airlines	14	ERJ175	
Belavia	1	ERJ175	
	2	ERJ195	
Fuji Dream Airlines	3	ERJ175	

J-Air	1 ERJ190
KLM cityhopper	2 ERJ190
Skywest	50 ERJ175
Undisclosed	20 ERJ190-E2
	10 ERJ195-E2
Wideroe	3 ERJ190-E2
Total	106

Credits: Aviation Week, Aviator.aero, CH-Aviation, Airliners.net, Scramble Messageboard, Airbus, Boeing, ATR, Bombardier, Embraer and Flight Global.

## Jetliners



Ellinair is a privately-owned Greek airline which operates charter flights from its main Thessaloniki base and Corfu hub to cities primarily in Russia, as well as other cities in mainly eastern Europe. The airline operates a fleet of three Airbus narrowbody aircraft. Two A319s and one A320 which is leased from Armenian carrier Atlantis European Airways, hence its Armenian EK-32002 registration. The Airbus spots a kind of hybrid colour scheme, showing Ellinair colours, but also the dark-purple colours from its previous operator Yanair. (Prague, 27 December 2017, Vaclav Kudela)

A319	-112	<b>1612</b>	SX-BHN	Olympus Airways, ex Wings of Lebanon. Returned from lease on 4 December.
	-112	<b>1612</b>	SX-BHN	Eritrean Airlines, ex Olympus Airways. Immediately placed on another lease. Delivered at Asmara on 6 December.
	-111	<b>1684</b>	EC-MTB	Volotea Air, ex EI-FXN of the same company. Reregistered in December.
	-111	<b>2170</b>	N337NV	Allegiant Air, ex G-EZED of easyJet. Delivered on 30 November.
	-111	<b>2258</b>	EC-MTC	Volotea Air, ex EI-FXP of the same company. Reregistered on 23 November.
	-111	<b>2318</b>	EC-MTD	Volotea Air, ex EI-GAU of the same company. Reregistered on 30 November.
	-112	<b>2382</b>	EC-MTF	Volotea Air, ex EI-FXM of the same company. Reregistered on 14 November.
	-132	<b>2396</b>	SX-ABE	Olympus Airways, ex Atlas Atlantique Airways. Returned from lease on 6 October.
	-132	<b>2396</b>	SX-ABE	Congo Airways, ex Olympus Airways. Placed on a new lease in Africa. Ferried to Kinshasa on 22 November.
	-111	<b>2827</b>	OE-LKH	easyJet Europe, ex G-EZAY of easyJet. Registered in Austria on 7 December.
	-111	<b>2946</b>	OE-LKJ	easyJet Europe, ex G-EZBG of easyJet. Registered in Austria on 12 December.
	-111	<b>3059</b>	OE-LQZ	easyJet Europe, ex G-EZBM of easyJet. Registered in Austria on 20 November. First easyJet A319 to be registered in Austria.
A320	-111	<b>3411</b>	OE-LQI	easyJet Europe, ex G-EZDB of easyJet. Registered in Austria on 21 December.
	-132	<b>5569</b>	D-AGWX	Eurowings, ex Germanwings. Painted in Eurowings at Ostrava and re-delivered on 24 December.
	-211	<b>267</b>	D-AIQL	Eurowings, ex Germanwings. Painted in Eurowings colours late November.
	-231	<b>322</b>	YK-BAE	Cham Wings Airlines, ex UR-CQP of Dart Airlines. Delivered on 9 November.
	-231	<b>376</b>	EP-APJ	Iran Aseman Airlines, ex EP-ZAI of the same company. Reregistered on 4 September.
	-231	<b>415</b>	LY-SPC	Grand Cru Airlines, ex Ellinair. Returned from lease on 1 November.
	-233	<b>739</b>	SP-HAC	Sky Angkor Airlines, ex Small Planet Airways Poland. Delivered on lease on 3 December.
	-214	<b>828</b>	LY-VEF	Sky Airline, ex Avion Express. Delivered on lease on 5 December.
	-233	<b>902</b>	LY-VEI	Sky Airline, ex Avion Express. Delivered on lease on 1 December.
	-233	<b>1626</b>	LY-VEN	Sky Airline, ex Avion Express. Delivered on lease on 16 December.
	-232	<b>1715</b>	LY-SPA	IndiGo, ex Small Planet Airlines. Delivered on lease on 17 December.
	-214	<b>1924</b>	F-GKXH	Joon, ex Air France. Transferred on 29 November.
	-232	<b>2524</b>	TC-FBR	AtlasGlobal, ex Freebird Airlines. Delivered on lease on 24 November.
	-232	<b>2747</b>	EI-GEK	AerCap, ex TC-ATK of AtlasGlobal. Returned to the lessor and registered in Ireland on 17 November. The aircraft was ferried to Shannon on 7 November.
	-232	<b>2753</b>	EI-GEL	AerCap, ex TC-ATM of AtlasGlobal. Returned to the lessor and registered in Ireland on 17 November. The aircraft was ferried to Shannon on 7 November.
	-214	<b>2902</b>	OE-LOH	Niki, ex D-ABHH of Air Berlin. Registered in Austria on 11 December.
	-216	<b>2995</b>	N272NV	Allegiant Air, ex EI-DSC of Alitalia. Delivered on 23 December.
	-214	<b>3278</b>	EI-GCX	SMBC Aviation Capital (addition Scramble 463 – Page 48)
-216	<b>3482</b>	OE-LXB	Austrian Airlines ex D-ABZF of the same company. Registered in Austria on 29 November. The aircraft was operated by Air Berlin on behalf of Austrian Airlines before.	
-216	<b>3515</b>	OE-LXD	Austrian Airlines, ex D-ABZB of the same company. Registered in Austria on 16 November. The aircraft was operated by Air Berlin on behalf of Austrian Airlines before.	
-214	<b>3540</b>	D-ABHA	Eurowings, ex Air Berlin. Delivered on 6 December. The aircraft is operated by LGW – Luftfahrtgesellschaft Walter.	

-214	<b>3594</b>	D-ABHC	Eurowings, ex Air Berlin. Delivered on 15 December.	
-214	<b>3758</b>	VT-IXR	AirAsia India, ex CS-TRL of Orbest. Delivered on 10 December.	
-214	<b>3795</b>	F-GKXR	Joon, ex Air France. Transferred on 30 November.	
-214	<b>3859</b>	F-GKXT	Joon, ex Air France. Transferred on 29 November.	
-214	<b>4084</b>	F-GKXV	Joon, ex Air France. Transferred on 14 December.	
-214	<b>4101</b>	EI-GCS	Goshawk Aviation, ex D-ABFA of Air Berlin. Registered on behalf of the lessor on 2 November.	
-214	<b>4105</b>	F-GKXY	Joon, ex Air France. Transferred on 30 October.	
-214	<b>4267</b>	F-HEPC	Joon, ex Air France. Transferred on 29 November.	
-214	<b>4316</b>	OE-IZB	easyJet Europe, ex D-ABHL of Air Berlin. Delivered on 13 December.	
-214	<b>4433</b>	VT-IHO	IndiGo, ex LZ-AWN of DAE Capital. Delivered on 14 December. Former D-ABFK of Air Berlin.	
-214	<b>4489</b>	LY-ONL	IndiGo, ex Small Planet Airlines. Delivered on lease on 26 December.	
-214	<b>4510</b>	VT-IHN	IndiGo, ex D-ABFN of Air Berlin. Delivered on 4 December.	
-214	<b>4721</b>	HB-JXI	easyJet Switzerland, ex G-EZUI of easyJet. Transferred on 22 November.	
-214	<b>4890</b>	SU-AAD	Air Arabia Egypt, ex A6-ANG of Air Arabia. Transferred to Egypt on 28 November.	
-214	<b>6509</b>	OE-IJI	easyJet Europe, ex G-EZOE of easyJet. Registered in Austria on 19 December.	
-214	<b>6546</b>	OE-IJJ	easyJet Europe, ex G-EZOH of easyJet. Registered in Austria on 21 December.	
-214	<b>6565</b>	OE-IJK	easyJet Europe, ex G-EZOK of easyJet. Registered in Austria on 22 November.	
-214	<b>6572</b>	OE-IJB	easyJet Europe, ex G-EZOL of easyJet. Registered in Austria on 7 December.	
-214	<b>6675</b>	OE-IJF	easyJet Europe, ex G-EZOR of easyJet. Registered in Austria on 12 December.	
-214	<b>6788</b>	OE-IJG	easyJet Europe, ex G-EZOV of easyJet. Registered in Austria on 14 December.	
-214	<b>7228</b>	OE-IVQ	easyJet Europe, ex G-EZPM of easyJet. Registered in Austria on 28 November.	
-214	<b>7235</b>	OE-IVS	easyJet Europe, ex G-EZPN of easyJet. Registered in Austria on 30 November.	
-214	<b>7537</b>	OE-IVM	easyJet Europe, ex G-EZPV of easyJet. Registered in Austria on 23 November.	
-214	<b>7572</b>	OE-IVN	easyJet Europe, ex G-EZPX of easyJet. Registered in Austria on 27 November.	
-214	<b>7632</b>	OE-IVT	easyJet Europe, ex G-EZRB of easyJet. Registered in Austria on 4 December.	
-214	<b>7637</b>	OE-IVU	easyJet Europe, ex G-EZRC of easyJet. Registered in Austria on 5 December.	
-214	<b>7665</b>	OE-IJD	easyJet Europe, ex -G-EZRE of easyJet. Registered in Austria on 11 December.	
-214	<b>7687</b>	OE-IJH	easyJet Europe, ex -G-EZRF of easyJet. Registered in Austria on 17 December.	
-271N	<b>7735</b>	D-AINJ	Lufthansa. Delivered on 27 November. Test registration was D-AXAT.	
-251N	<b>7802</b>	G-UZHC	easyJet. Delivered on 22 November. Test registration was D-AVVJ.	
-214	<b>7866</b>	TU-TSW	Air Cote d'Ivoire. Delivered on 25 November. Test registration was F-WWTU.	
-251N	<b>7897</b>	EI-SIA	SAS Scandinavian Airlines. Delivered on 30 November. Test registration was D-AVVQ.	
-214	<b>7904</b>	G-EZRN	easyJet. Delivered on 13 December. Test registration was D-AVVY.	
-214	<b>7927</b>	HZ-AS61	Saudia - Saudi Arabian Airlines. Delivered on 28 December. Test registration was F-WWBV.	
-214	<b>7932</b>	VP-BTO	Aeroflot. Delivered on 30 November. Test registration was F-WWIX.	
-251N	<b>7951</b>	EI-SIB	SAS Scandinavian Airlines. Delivered on 12 December. Test registration was D-AUBU.	
-251N	<b>7979</b>	EI-SIC	SAS Scandinavian Airlines. Delivered on 27 December. Test registration was D-AUBJ.	
-251N	<b>7990</b>	TC-NBM	Pegasus Airlines. Delivered on 20 December. Test registration was F-WWIO.	
-214	<b>8007</b>	HZ-AS62	Saudia - Saudi Arabian Airlines. Delivered on 26 December. Test registration was F-WWDI.	
-251N	<b>8020</b>	TC-NBN	Pegasus Airlines. Delivered on 27 December. Test registration was F-WWBS.	
-251N	<b>8048</b>	TC-NBO	Pegasus Airlines. Delivered on 28 December. Test registration was F-WWBF.	
A321	-231	<b>1366</b>	XU-722	Sky Angkor Airlines, ex LY-VEH of Avion Express. Delivered on lease for the winter season in November.
	-231	<b>1707</b>	OE-IFC	CIT Leasing Corp., ex G-OZBE of Monarch Airlines. Registered on behalf of the lessor in Austria in December.
	-231	<b>1794</b>	XU-961	Lanmei Airlines, ex 2-ELOU of AerCap Delivered on 12 December. Former G-OZBR of Monarch Airlines.
	-231	<b>2216</b>	YL-LCV	SmartLynx, ex F-WTDH of Azur Aviation. Delivered on 26 December. Former SE-RDO of Novair.
	-231	<b>2590</b>	VQ-BCE	Ural Airlines, ex N588NK of Spirit Airlines. Delivered on 18 December.
	-231	<b>3522</b>	XU-919	Lammei Airlines, ex G-ZBAL of Monarch Airlines. Delivered on 8 December. Registered in between as 2-PMIL of AerCap.
	-231	<b>4382</b>	A7-AIB	Qatar Airways. Written off after fire broke out during maintenance at Doha on 8 December. See Dustpan&Brush for the details.



Late August 2017, El Al took delivery of its first Boeing 787-9 dreamliner. El Al is taking 16 787s to replace its Boeing 747-400 and 767-300 fleets. It will receive eleven 787-9s and 5 smaller 787-8s. Deliveries of the -8s will start in the third quarter of 2019 as the final -9 has been delivered. Boeing 787-9 4X-EDB was the second El Al 787-9 and was delivered at Tel Aviv on 4 October. (London-Heathrow, 22 November 2017, Simon Butler)



For the current winter season, TACV - Transportes Aéreos de Cabo Verde added some extra capacity by wet-leasing two Icelandair 757-200s. TF-FIW is one of them and is seen here at Lisbon. The aircraft is all white with Cabo Verde airlines titles and a rudder which is painted in the colours of Cape Verde flag, which is - by coincidence - very similar to the colours of the Icelandic flag. (17 December 2017, Marcus Steidele)

	-211	<b>7119</b>	OE-IFX	Avolon, ex D-ABCT of Air Berlin. Registered on behalf of the lessor on 21 December. Aircraft has been stored at Shannon since 29 September.
	-211	<b>7260</b>	OE-IFY	Avolon, ex D-ABCV of Air Berlin. Registered on behalf of the lessor on 22 December. Aircraft has been stored at Shannon since 28 September.
	-253N	<b>7972</b>	CS-TSF	Azores Airlines. Delivered on 15 December. Test registration was D-AVYI.
	-214	<b>8009</b>	HZ-AS63	Saudia - Saudi Arabian Airlines. Delivered on 19 December. Test registration was F-WWIC.
	-231	<b>8041</b>	OH-LZT	Finnair. Delivered on 15 December. Test registration was D-AZAG.
	-231	<b>8044</b>	HA-LXY	Wizz Air. Delivered on 22 December. Test registration was D-AYAA.
A330	-322F	<b>116</b>	EI-HEA	ASL Airlines Ireland / DHL, ex G-CIOH of the Apollo Aviation Group. Delivered after freighter conversion on 12 December. First converted A330!!
	-223	<b>288</b>	OE-IGD	GECAS - General Electric Capital Aviation Services, ex D-ABXA of Air Berlin. Registered on behalf of the lessor on 19 December. Aircraft has been stored at Lourdes since 20 October.
	-243	<b>509</b>	TC-OCN	Onur Air, ex OE-IEC of Hong Kong Aviation Capital. Delivered on 14 December. Former A6-EAO of Emirates.
	-203	<b>535</b>	OE-IFW	SMBC Aviation Capital, ex VP-BDV of VIM Airlines. Registered on behalf of the lessor on 21 December. Aircraft has been stored at Lourdes since 24 September.
	-223	<b>828</b>	EI-GFJ	AerCap, ex D-ALPI of Air Berlin. Registered in Ireland on 24 November.
	-223	<b>911</b>	EI-GFK	AerCap, ex D-ALPJ of Air Berlin. Registered in Ireland on 28 November.
	-223	<b>946</b>	EI-GCU	I Fly, ex VN-A383 of Vietnam Airlines. Delivered on 8 December.
	-243	<b>1492</b>	PR-OCJ	AVIANCA Brasil, ex N941AV of AVIANCA. Transferred to Brasil on 17 November.
	-343E	<b>1812</b>	HZ-AQ29	Saudia - Saudi Arabian Airlines. Delivered on 22 November. Test registration was F-WWCE.
	-302E	<b>1817</b>	EI-GCF	Aer Lingus. Delivered on 20 November. Test registration was F-WWCN.
	-343E	<b>1820</b>	HS-LAH	Thai Lion Air. Delivered on 21 November. Test registration was F-WWCU.
	-343E	<b>1826</b>	B-8366	China Southern Airlines. Delivered on 21 November. Test registration was F-WWYX.
	-343E	<b>1827</b>	B-1022	Hainan Airlines. Delivered on 28 December. Test registration was F-WWCR.
	-343E	<b>1828</b>	HS-LAI	Thai Lion Air. Delivered on 12 December. Test registration was F-WWCS.
	-343E	<b>1829</b>	B-1017	Shenzhen Airlines. Delivered on 19 December. Test registration was F-WWCV.
	-343E	<b>1831</b>	B-1021	Hainan Airlines. Delivered on 26 December. Test registration was F-WWKD.
	-343E	<b>1832</b>	HS-LAJ	Thai Lion Air. Delivered on 6 December. Test registration was F-WWYS.
	-202	<b>1835</b>	EC-MSY	Iberia. Delivered on 15 December. Test registration was F-WWKE.
	-343E	<b>1837</b>	B-1020	Hainan Airlines. Delivered on 23 December. Test registration was F-WWYT.
	-343E	<b>1838</b>	B-1059	Lucky Air. Delivered on 27 December. Test registration was F-WWCZ.
A340	-313X	<b>236</b>	9H-JAI	Aerolíneas Estelar Latinoamerica, ex HiFly Malta. Delivered on lease on 12 December. The aircraft is used for the Caracas-Madrid route and is all white with large billboard Estelar titles.
	-313X	<b>257</b>	EP-DAA	Government of Iran, ex EP-AJA. Reregistered in November as the operator changed from Meraj Air to Dena Airways.
	-313E	<b>938</b>	F-WXAH	Airbus Asset Management, ex OH-LQE of Finnair. Returned to Airbus and ferried to Lourdes for storage on 4 October. Registered in France in November.
A350	-941	<b>45</b>	PR-XTD	LATAM Airlines Brasil, ex A7-AMD of Qatar Airways. Returned from lease on 7 December.
	-941	<b>48</b>	PR-XTE	LATAM Airlines Brasil, ex A7-AMC of Qatar Airways. Returned from lease on 24 November.
	-941	<b>78</b>	A7-ALR	Qatar Airways. Delivered on 18 December. Test registration was F-WZNG.
	-941	<b>90</b>	A7-ALT	Qatar Airways. Delivered on 24 November. Test registration was F-WZNT.
	-941	<b>146</b>	D-AIXF	Lufthansa. Delivered on 18 November. Test registration was F-WZNY.
	-941	<b>153</b>	B-LGB	Hong Kong Airlines. Delivered on 20 November. Test registration was F-WZNU.
	-941	<b>155</b>	B-LRX	Cathay Pacific Airways. Delivered on 8 December. Test registration was F-WZNO.
	-941	<b>157</b>	3B-NBQ	Air Mauritius. Delivered on 25 November. Test registration was F-WZFQ.
	-941	<b>158</b>	9V-SMS	Singapore Airlines. Delivered on 1 December. Test registration was F-WZNZ.
	-941	<b>159</b>	9M-MAB	Malaysia Airlines. Delivered on 29 November. Test registration was F-WZFG.

	-941	<b>160</b>	N504DN	Delta Air Lines. Delivered on 29 November. Test registration was F-WZFD.
	-941	<b>162</b>	B-18912	China Airlines. Delivered on 30 November. Test registration was F-WZHC.
	-941	<b>164</b>	N505DN	Delta Air Lines. Delivered on 12 December. Test registration was F-WZHD.
	-941	<b>165</b>	9M-MAC	Malaysia Airlines. Delivered in a special "Malaysia Negaraku" colour scheme on 22 December. Test registration was F-WZHE.
	-941	<b>168</b>	B-LGC	Hong Kong Airlines. Delivered on 29 November. Test registration was F-WZHF.
	-941	<b>170</b>	9V-SMT	Singapore Airlines. Delivered on 23 December. Test registration was F-WZHH.
	-941	<b>175</b>	N506DN	Delta Air Lines. Delivered on 22 December. Test registration was F-WZHJ.
	-941	<b>176</b>	HL7579	Asiana Airlines. Delivered on 27 December. Test registration was F-WZFU.
A380	-842	<b>234</b>	A6-EUS	Emirates. Delivered on 30 November. Test registration was F-WWAN.
	-861	<b>235</b>	A7-API	Qatar Airways. Delivered on 18 December. Test registration was F-WWAO.
	-841	<b>243</b>	9V-SKU	Singapore Airlines. Delivered on 13 December. Test registration was F-WWAQ.
B737	-33A	<b>23631</b>	G-CKTI	TAG Aviation, ex OY-JTA of Jet Time. Registered in the UK on 12 December. The aircraft has been stored at Lasham since 6 October 2017.
	-3B3QC	<b>24388</b>	AP-BMU	Vision Air International, ex F-GFUF of ASL Airlines France. Delivered on 7 December.
	-3Y0	<b>24678</b>	G-CKTH	TAG Aviation, ex OY-JTD of Jet Time. Registered in the UK on 11 December. The aircraft has been stored at Lasham since 28 October 2017.
	-330	<b>25148</b>	OB-2142-P	Peruvian Airlines (addition Scramble 459 – Page 46).
	-4Q8SF	<b>25374</b>	PR-YBB	Modern Logistics, ex N469VX of VX Capital Partners. Delivered after freighter conversion on 20 December. Former SP-ENE of Enter Air.
	-4Q8	<b>26308</b>	N833QA	Aerotruth Holdings, ex EI-ELZ of Mistral Air. Withdrawn from use on 31 October and registered in the US on 15 November.
	-4H6	<b>26459</b>	EP-NSN	Iran Aseman Airlines, ex 9M-RKA of Rayani Air. Delivered last Autumn.
	-3H4	<b>27930</b>	UR-CQT	Ukrainian Wings, ex N612SW of Southwest Airlines. Delivered on 30 November.
	-8K5	<b>27992</b>	EC-MTV	AlbaStar, ex EI-IAS of the same company. Registered in Spain on 24 November.
	-86J	<b>28070</b>	OM-GTF	Sunrise Airways, ex Go2Sky. Delivered on lease on 8 December.
	-5Q8	<b>28201</b>	UR-CQS	Kish Air, ex Bukovyna Airlines. Delivered on lease on 11 November.
	-86N	<b>28592</b>	N436SR	GECAS - General Electric Capital Aviation Services, ex SP-ENY of Enter Air. Withdrawn from use and returned to the lessor. The aircraft was ferried to Marana (AZ) for storage on 28 November and registered in the US on 1 December.
	-4MOSF	<b>29202</b>	OE-IAC	ASL Airlines Belgium, ex N494CS of GECAS. Delivered after freighter conversion on 19 December. Former 5N-BPR of AeroContractors of Nigeria.
	-82R	<b>29329</b>	D-ABKA	TUI fly Germany, ex Air Berlin. Delivered on 24 November. The aircraft was operated by TUI Fly Germany for Air Berlin in full Air Berlin colours. It was repainted in TUI colours in November.
	-8Q8	<b>29351</b>	C-GYQW	Air Transat, ex OK-TVJ of Smartwings. Delivered on winter lease on 20 December.
	-8K2	<b>29651</b>	C-GTVC	Air Transat, ex F-GZHC of Transavia France. Delivered on winter lease on 18 December.
	-8BK	<b>29660</b>	C-FUAA	Sunwing Airlines, ex OO-JAA of TUI Airlines Belgium. Delivered on winter lease on 4 December.
	-8FH	<b>29669</b>	C-GTVF	Sunwing Airlines, ex OK-TVF of Travel Service. Delivered on winter lease on 21 November.
	-8HX	<b>29677</b>	C-FTVF	Air Transat, ex F-GZHF of Transavia France. Delivered on winter lease on 20 December.
	-8HX	<b>29681</b>	TC-TJU	SpiceJet, ex Corendon Airlines. Delivered on lease on 15 November.
	-8Q8	<b>30724</b>	C-GTQY	Air Transat, ex OK-TVY of Smartwings. Delivered on winter lease on 15 December.
	-86J	<b>30879</b>	D-ABAG	TUI fly Germany ex Air Berlin. Delivered on 17 December. The aircraft was operated by TUI Fly Germany for Air Berlin in full Air Berlin colours. It was painted in TUI colours in December.
	-8K5	<b>30882</b>	LV-HKZ	Andes Líneas Aéreas, ex D-AHFW of TUIfly Germany. Delivered on 12 December.
	-73V	<b>32414</b>	C-GYQV	Air Transat, ex F-GZTS of ASL Airlines France. Delivered on winter lease on 15 December.
	-73V	<b>32427</b>	C-FTQK	Air Transat, ex F-GZTU of ASL Airlines France. Delivered on winter lease on 29 November.
	-79L	<b>34022</b>	OY-JTP	Jet Time, ex LZ-AWL of DAE Capital. Delivered on 16 December. Former B-5217 of Air China.
	-8GJ	<b>34901</b>	C-GTVN	Air Transat, ex F-GZHA of Transavia France. Delivered on winter lease on 6 December.
	-8GJ	<b>34902</b>	C-GTVQ	Air Transat, ex F-GZHB of Transavia France. Delivered on winter lease on 14 December.
	-8AL	<b>35075</b>	<u>4L-BQJ</u>	Myway Airlines (correction Scramble 463 – Page 50).
	-7K5	<b>35135</b>	D-AHXE	TUI fly Germany, ex Air Berlin. Returned to TUI on 16 December. The Boeing was operated by TUI fly Germany for Air Berlin.
	-7K5	<b>35140</b>	D-AHXG	TUI fly Germany, ex Air Berlin. Returned to TUI on 22 December. The Boeing was operated by TUI fly Germany for Air Berlin.



In summer 2017 Russian airline Nordwind Airlines added two ex Turkish Airlines Airbus A330-200 to its fleet. Both wide-bodied jets have been painted in the latest Nordwind colour scheme. Airbus A330-200 VP-BYV was digitized by Ton Jochems at Antalya in September 2017.

-82R	<b>35701</b>	TC-CCJ	Pegasus Airlines, ex EX-37801 of Air Manas. Returned from lease on 3 December.
-9GPER	<b>35712</b>	UR-AZB	Azur Air Ukraine, ex PK-LFJ of Lion Air. Delivered on 19 December.
-7BD	<b>35789</b>	YI-AQL	Fly Baghdad, ex Iraqi Airways. Delivered after storage and maintenance at Jakarta on 17 December.
-86J	<b>36120</b>	C-FTVI	Air Transat, ex F-GZHI of Transavia France. Delivered on winter lease on 30 November.
-8HC	<b>36529</b>	TC-TJT	SpiceJet, ex Corendon Airlines. Delivered on lease on 15 November.
-8FN	<b>37076</b>	C-GKVL	Sunwing Airlines, ex OK-TVU of Travel Service. Delivered on winter lease on 18 November.
-8K5	<b>37243</b>	C-GSWL	Sunwing Airlines, ex G-TAWL of TUI Airways. Delivered on winter lease on 11 December.
-8K5	<b>37255</b>	C-GEWO	Sunwing Airlines, ex G-TAWO of TUI Airways. Delivered on winter lease on 26 December.
-8K5	<b>37260</b>	OO-JAH	Sunwing Airlines, ex TUI fly Belgium. Delivered on winter lease on 14 December.
-8K5	<b>37261</b>	G-FDZY	Sunwing Airlines, ex TUI Airways. Delivered on winter lease on 6 December.
-8K5	<b>37262</b>	G-FDZZ	Sunwing Airlines, ex TUI Airways. Delivered on winter lease on 12 December.
-8K5	<b>37264</b>	C-FVWA	Sunwing Airlines, ex G-TAWA of TUI Airways. Delivered on winter lease on 20 November.
-8K5	<b>37265</b>	C-GFWD	Sunwing Airlines, ex G-TAWD of TUI Airways. Delivered on winter lease on 18 December.
-8GJ	<b>37360</b>	OK-TSF	Surinam Airways, ex Smartwings. Delivered on lease on 25 November.
-86J	<b>37746</b>	VT-	Jet Airways, ex TC-CCP of Pegasus Airlines. Delivered on 21 December. Registered in between as M-ABLF of SMBC Leasing.
-86J	<b>37749</b>	D-ABKJ	Eurowings, ex Air Berlin. Delivered on 15 December. The Boeing was operated by TUI fly Germany for Air Berlin and the German TUI airline is still the operator now the aircraft flies for Eurowings.
-86J	<b>37778</b>	C-GTVS	Air Transat, ex F-GZHI of Transavia France. Delivered on winter lease on 4 December.
-86N	<b>38018</b>	OK-TVV	Swift Air, ex Smartwings. Delivered on winter lease on 22 December.
-86N	<b>38025</b>	OK-TVU	Sunwing Airlines, ex Smartwings. Delivered on winter lease on 11 December.
-800	<b>38121</b>	UR-UIA	Ukraine International Airlines. Delivered on 21 December. Line # 6698.
-8K5	<b>38820</b>	C-GUUL	Sunwing Airlines, ex D-ATUL of TUI fly Germany. Delivered on winter lease on 10 December.
-86N	<b>39394</b>	OK-TVV	Swift Air, ex Travel Service. Delivered on winter lease on 21 December.
-86N	<b>39404</b>	OK-TVV	Swift Air, ex Travel Service. Delivered on winter lease on 20 December.
-8K5	<b>39093</b>	C-FNAD	Sunwing Airlines, ex OO-JAD of TUI fly Belgium. Delivered on winter lease on 30 November.
-8K5	<b>39922</b>	C-FAWC	Sunwing Airlines, ex G-TAWC of TUI Airways. Delivered on winter lease on 6 December.
-8KN	<b>40235</b>	VT-JTK	Jet Airways, ex A6-FDE of FlyDubai. Delivered on 19 December.
-82R	<b>40728</b>	YR-BMN	Blue Air, ex TC-AGP of Pegasus Airlines. Delivered on 17 November.
-800	<b>41243</b>	VP-BKK	Aeroflot. Delivered on 30 November. Line # 6696.
-800	<b>41244</b>	VP-BOH	Rossiya - Russian Airlines. Delivered on 27 December. Line # 6727.
-8K2	<b>42067</b>	PH-HSM	Sun Country Airlines, ex Transavia Airlines. Delivered on winter lease on 13 December.
-800	<b>42092</b>	EI-FVY	Norwegian. Delivered 22 November. Line # 6676.
-800	<b>44441</b>	VP-BKN	Aeroflot. Delivered on 21 November. Line # 6682.
-800	<b>44442</b>	VP-BSB	Aeroflot. Delivered on 21 December. Line # 6730.
-800	<b>44808</b>	EI-GDO	Ryanair. Delivered on 29 November. Line # 6679.
-8	<b>60967</b>	A6-FMD	FlyDubai. Delivered on 21 November. Line # 6648.
-8	<b>60969</b>	A6-FMC	FlyDubai. Delivered on 28 November. Line # 6630.
-800	<b>61801</b>	VP-BPS	Pobeda. Delivered on 29 November. Line # 6693.
-800	<b>63159</b>	G-JZBD	Jet2. Delivered on 17 November. Line # 6680.
-800	<b>63160</b>	G-JZBC	Jet2. Delivered on 24 November. Line # 6668.
-800	<b>63161</b>	G-JZBE	Jet2. Delivered on 4 December. Line # 6703.
-800	<b>63162</b>	G-JZBF	Jet2. Delivered on 20 December. Line # 6732.
-800	<b>63806</b>	SU-GEN	EgyptAir. Delivered on 8 December. Line # 6706.
-8	<b>64067</b>	SP-LVA	LOT Polish Airlines. Delivered on 1 December. First 737 MAX for LOT. Line # 6681.
-8	<b>64068</b>	SP-LVB	LOT Polish Airlines. Delivered on 19 December. Line # 6708.
-8	<b>64299</b>	5T-CLJ	Mauritania Airlines International. Delivered on 20 December. Line # 6704.



Ukraine International Airlines will take delivery of its first Boeing 777-200ER in January 2018. The aircraft is ex HL7596 of Asiana Airlines and will be registered UR-GOA when it will be delivered to Kiev. The aircraft is seen with the interim 2-AERA registration on behalf of the leasing company AerCap. The was flown to Amsterdam on 14 November for some some modifications prior to delivery to its new operator. (Amsterdam-Schiphol, 17 November 2017, Ton Jochems)

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NEOS is an Italian charter airline who operates flights for the Italian tour operator Alpitour. Besides these leisure flights NEOS also offers Aircraft, Crew, Maintenance and Insurance (ACMI) leasing services to third-party operators. Neos' fleet consists of six Boeing 737-800s, three Boeing 767-300ERs and its newest addition a Boeing 787-9 Dreamliner. This Dreamliner registered as EI-NEO was delivered to Italy on 12 December, NEOS has two more 787-9 on order which will be delivered in 2018. The three 787-9s will replace the Boeing 767-300ERs. (Verona, 19 December 2017, Daniele Mattiuzzo)

B747	-412BCF	<b>24226</b>	N262JM	Kalitta Air, ex Jet Midwest Inc. Purchased by Kalitta on 16 October. The aircraft had been parked at Kansas-City (MI) since 9 November 2016 and was ferried to Oscoda (MI) on 1 December. Ex TF-AMF of Air Atlanta Icelandic.
	-48EMBSF	<b>25782</b>	HL7423	Asiana Airlines. Re-delivered after freighter conversion at Tel Aviv on 17 November.
	-412BDSF	<b>27071</b>	ER-BAJ	Aerotrans Cargo, ex N742WA of Centurion Cargo. Delivered on 7 November.
	-4H6F	<b>28434</b>	ER-	Aerotrans Cargo, ex 9M-MPR of Malaysia Airlines. Delivered on 18 December.
	-48E	<b>28551</b>	A6-DAW	Government of Dubai - Dubai Air Wing, ex CN-TSD of Government of Maroc. Registered in the Arab Emirates in November.
	-8Z5 (BBJ)	<b>37500</b>	CN-MBH	Government of Morocco, ex A6-PFA of Government of Abu Dhabi – Abu Dhabi Amiri Flight. Delivered on 28 October.
	-8Z5 (BBJ)	<b>37501</b>	A7-HHF	Government of Qatar - Qatar Airways Amiri Flight. Delivered on 10 December. Ferried to Basle on that date for interior completion. Line # 1495.
	-87UF	<b>37564</b>	A7-BGA	Qatar Airways. Delivered on 13 December. This aircraft was already built in 2013 and was initially destined for Atlas Air, who refused to take delivery of this aircraft. This aircraft is one of the first built 747-8 Freighters which didn't match the specifications promised by Boeing, which was probably the reason Atlas Air, didn't want this aircraft. It had been stored at Victorville (CA), Marana (AZ) and Everett (WA) since then. In 2014 it was used by Boeing to promote the local Seattle sports club with a Seattle Seahawks colour scheme. Line # 1437
B757	-236SF	<b>24072</b>	D-ALEW	EATLeipzig / DHL, ex G-BMRC of DHL Air. Transferred on 1 December.
	-223SF	<b>29590</b>	G-DHKM	DHL Air, ex N680AN of American Airlines. Delivered after freighter conversion on 30 November.
B767	-323ERSF	<b>25195</b>	<u>N396CM</u>	Prime Air (correction Scramble 462 – Page 48).
	-323ERSF	<b>25199</b>	N379CX	ATI - Air Transport International, ex N372AA of American Airlines. Delivered after freighter conversion at Tel Aviv on 4 December.
	-3S1ER	<b>26608</b>	CP-3086	Boliviana De Aviación, ex 2-DYUS of Sky Holding Company. Delivered on 19 November. Former YV612T of SBA Airlines.
	-316ERSF	<b>27615</b>	N1381A	Prime Air, ex PT-MOH of LATAM Airlines Brasil. Delivered after freighter conversion on 24 October. Aircraft is operated by Atlas Air.
	-306ERSF	<b>27960</b>	N1409A	Prime Air, ex 8Q-MEF of Mega Maldives Airlines. Delivered on 20 December. Aircraft is operated by Atlas Air.
	-36NER	<b>30853</b>	CS-TKT	Flynas, ex euroAtlantic Airways. Delivered on lease on 14 December.
	-300F	<b>43552</b>	N152FE	FedEx Express. Delivered on 21 November. Line # 1136.
	-300F	<b>63095</b>	N153FE	FedEx Express. Delivered on 19 December. Line # 1138.
B777	-212ER	<b>28530</b>	9M-FGA	FlyGlobal, ex Biman Bangladesh Airlines. Returned from lease on 6 October.
	-212ER	<b>28530</b>	9M-FGA	Nesma Airines (Saudi Arabia), ex FlyGlobal. Placed on a Umrah lease on 23 November.
	-212ER	<b>32318</b>	9M-FGB	FlyGlobal, ex Biman Bangladesh Airlines. Returned from lease on 8 October.
	-212ER	<b>32318</b>	9M-FGB	Nesma Airines (Saudi Arabia), ex FlyGlobal. Placed on a Umrah lease on 27 November.
	-300ER	<b>42354</b>	A6-EQI	Emirates. Delivered on 30 November. Line # 1529.
	-F	<b>42705</b>	N897FD	FedEx Express. Delivered on 22 November. Line # 1531.
	-2FBLL	<b>60116</b>	P4-SKN	Government of Equatorial Guinea, ex 3C-MAB of CEIBA Intercontinental. Delivered to the government on 8 December.
	-F	<b>60403</b>	TC-LJL	Turkish Airlines. Delivered on 30 November. First 777 freighter for Turkish Airlines. Line # 1532.
	-F	<b>60404</b>	TC-LJM	Turkish Airlines. Delivered on 22 November. Line # 1536.
	-300ER	<b>61733</b>	RP-C7781	Philippines - Philippine Airlines. Delivered on 14 December. Line # 1534.
	-300ER	<b>61735</b>	RP-C7782	Philippines - Philippine Airlines. Delivered on 17 December. Line # 1535.
	-300ER	<b>64064</b>	A7-BEN	Qatar Airways. Delivered on 1 December. Line # 1523.
	-300ER	<b>64065</b>	A7-BEO	Qatar Airways. Delivered on 23 December. Line # 1527.
	-300ER	<b>64066</b>	A7-BEP	Qatar Airways. Delivered on 1 December. Line # 1530.
	-300ER	<b>64088</b>	A7-BEM	Qatar Airways. Delivered on 13 December. Line # 1525.
B787	-9	<b>32724</b>	B-1343	Hainan Airlines. Delivered on 21 December. Line # 648.
	-9	<b>34316</b>	B-1468	Air China. Delivered on 21 November. Line # 629.



	-9	<b>34317</b>	B-1469	Air China. Delivered on 12 December. Line # 638.
	-9	<b>34499</b>	JA896A	ANA - All Nippon Airways. Delivered on 1 December. Line # 633.
	-9	<b>34814</b>	HL8085	Korean Air. Delivered on 20 December. Line # 644.
	-8	<b>34940</b>	B-2738	Suparna Airlines, ex Hainan Airlines. Transferred to Suparna Airlines on 27 November.
	-8	<b>37127</b>	9V-OFK	Scoot. Delivered on 22 November. Line # 627.
	-9	<b>38180</b>	ZK-NZM	Air New Zealand. Delivered on 22 November. Line # 624.
	-9	<b>38772</b>	F-HRBE	Air France. Delivered on 22 November. Line # 634.
	-9	<b>38782</b>	ET-AUP	Ethiopian Airlines. Delivered on 20 November. Line # 636.
	-9	<b>38785</b>	EI-NEO	Neos. Delivered on 12 December. First Dreamliner for NEOS. Line # 639.
	-9	<b>38891</b>	LN-LNN	Norwegian, ex G-CJUI of Norwegian UK. Registered in Norway on 13 December.
	-9	<b>39039</b>	VH-ZNB	QANTAS. Delivered on 9 December. Line # 641.
	-9	<b>39291</b>	A4O-SE	Oman Air. Delivered on 5 December. Line # 631.
	-9	<b>39664</b>	A6-BLS	Etiihad Airways. Delivered on 16 December. Line # 643.
	-9	<b>40645</b>	N833AA	American Airlines. Delivered on 5 December. Line # 635.
	-9	<b>44426</b>	XA-ADG	AeroM�xico. Delivered on 12 December. Line # 637.
	-9	<b>62722</b>	B-1341	Hainan Airlines. Delivered on 20 December. Line # 640.
	-9	<b>62723</b>	B-1342	Hainan Airlines. Delivered on 21 December. Line # 646.
	-9	<b>63312</b>	G-CKNY	Norwegian UK. Delivered on 22 November. Line # 608.
BAe146	-RJ85	<b>E2333</b>	G-CEHA	Triangle (Funding One) Ltd, ex EI-RJC of CityJet. Registered on 30 November.
	-RJ100	<b>E3324</b>	G-CKTY	Trident Turboprop (Dublin) DAC, ex OO-DWD of Brussels Airlines. Registered on 14 December. Parked at Cranfield since 15 November.
CRJ	200ER	<b>7676</b>	UP-CJ015	SCAT, ex HA-LNA of Mal�v Express. Delivered on 29 November.
	900	<b>15439</b>	EI-FPU	CityJet. Delivered on 7 December. Is in SAS colours.
	900	<b>15440</b>	EI-FPV	CityJet. Delivered on 15 December. Is in SAS colours.
	1000	<b>19058</b>	EC-MSL	Air Nostrum. Delivered on 22 December.
CS	300	<b>55015</b>	HB-JCF	Swiss Global Air Lines. Delivered on 28 November.
	300	<b>55020</b>	HB-JCG	Swiss Global Air Lines. Delivered on 20 December.
DC-9	-82	<b>49902</b>	OY-RUT	Danish Air Transport, ex I-SMES of Meridiana. Arrived at Billund on 22 December.
ERJ	145MP	<b>145230</b>	HI1024	Rep-Air Aviation, ex EC-KSS of Privilege Style. Delivered on 18 December.
	135BJ	<b>14501008</b>	TC-VSR	Private, ex OE-IFF of International Jet Management. Registered in October.
	135BJ	<b>14501016</b>	OE-IMS	MS Aviation, ex M-ESGR of Hermes Executive Aviation. Delivered early December.
	135BJ	<b>14501017</b>	G-LALE	Bookajet, ex Luxaviation UK. Per 31 October.
	135BJ	<b>14501140</b>	T7-IVM	Private, ex M-IMAK of VipJet. Registered in November.
	135BJ	<b>14501226</b>	VT-LTD	Larsen & Toubro Ltd. Delivered in September.
	135BJ	<b>14501230</b>	D-ASAP	Air Hamburg Private Jets. Delivered on 30 November.
	170SU	<b>17000028</b>	VQ-BYE	S7 Airlines, ex N811MD of Republic Airlines. Delivered on 3 December.
	170SU	<b>17000038</b>	VQ-BYL	S7 Airlines, ex N817MD of Republic Airlines. Delivered on 14 December.
	170SU	<b>17000048</b>	VQ-BYV	S7 Airlines, ex N828MD of Republic Airlines. Delivered on 21 December.
	175STD	<b>17000702</b>	PH-EXS	KLM Cityhopper. Delivered on 18 December.
	190AR	<b>19000085</b>	4L-TGW	Georgian Airways, ex N752BC of Wells Fargo Bank. Delivered on 6 December, as N752BC.
	190SR	<b>19000189</b>	G-LCYY	BA CityFlyer, ex OY-ERA of Melana Investments Ltd. Delivered on 22 December.
	190BJ	<b>19000243</b>	9H-GJC	Comlux Aviation Malta, ex N65GJ of Bank of Utah. Delivered on 20 November.
	195LR	<b>19000745</b>	4X-EMF	Arkia Israeli Airlines. Delivered on 23 December.

Credits: Airfleets, Airline-List, Flightglobal, Planespotters and Skyliner.

## Commuters

ATR72	-212A	<b>563</b>	SX-THR	Sky Express, ex F-GVZN of HOP!. Delivered in December.
	-212A	<b>747</b>	YR-FVL	FlyValan, ex 2-DCBT of Elix Assets 7 Ltd. Delivered on 27 November.
	-212A	<b>1341</b>	SE-MKK	BRA - Braathens Regional Airlines. Delivered on 1 December.
	-212A	<b>1469</b>	EC-MTQ	Binter Canarias. Delivered on 1 December.



Maldivian received this DHC-8-300 8Q-IAA on 9 November 2017 from Indonesian Travira Air. After arrival at Maastricht-Aachen on 15 November the airplane received some maintenance and repaint into the colours seen now. Engine 2 is still missing a prop but the frame remains a nice sight on the tarmac. (25 November 2017, Bill de Koning)

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DHC-6	-300	<b>411</b>	HB-LYB	Zimex Aviation, ex D-IVER of Businesswings Luftfahrtunternehmen. Registered on 1 November. Destined for Maldivian as 8Q-ISI.
	-300	<b>557</b>	HB-LON	RUAG Schweiz AG, ex 9A-TOA of European Coastal Airlines. Registered on 18 December.
	-300	<b>696</b>	HB-LRQ	RUAG Schweiz AG, ex 9A-TOE of European Coastal Airlines. Registered on 18 December.
	-300	<b>816</b>	HB-LUB	Zimex Aviation, ex TJ-TMM of Caverton Helicopters. Registered on 30 November.
DHC-8	-102	<b>330</b>	5Y-SMP	Silverstone Air Services, ex SX-BIO of Olympic Air. Delivered on 3 December as 2-XBIO.
	-102	<b>472</b>	LN-FVD	FlyViking, ex C-FTKH of Avmax Aircraft Leasing Inc. Delivered on 15 November.
	-402	<b>4098</b>	C-FXIN	World Wide Aircraft Ferrying Ltd, ex G-JECG of Flybe. Registered on 17 November.
	-402	<b>4124</b>	D-ABQN	Eurowings, ex Air Berlin. Per 23 December with Eurowings, operated by LGW.
	-402	<b>4129</b>	D-ABQO	Eurowings, ex Air Berlin. Per 18 November with Eurowings, operated by LGW.
	-402	<b>4198</b>	D-ABQQ	Eurowings, ex Air Berlin. Per 23 December with Eurowings, operated by LGW.
	-402	<b>4223</b>	D-ABQA	Eurowings, ex Air Berlin. Per 18 November with Eurowings, operated by LGW.
	-402	<b>4226</b>	D-ABQB	Eurowings, ex Air Berlin. Per 22 November with Eurowings, operated by LGW.
	-402	<b>4230</b>	G-ECOK	Flybe, ex Brussels Airlines. Back with Flybe per 28 October.
	-402	<b>4231</b>	D-ABQC	Eurowings, ex Air Berlin. Per 6 December with Eurowings, operated by LGW.
	-402	<b>4234</b>	D-ABQD	Eurowings, ex Air Berlin. Per 30 November with Eurowings, operated by LGW.
	-402	<b>4239</b>	D-ABQE	Eurowings, ex Air Berlin. Per 23 November with Eurowings, operated by LGW.
	-402	<b>4256</b>	D-ABQH	Eurowings, ex Air Berlin. Per 22 November with Eurowings, operated by LGW.
Do328	-110	<b>3078</b>	5N-BVO	DANA - Dornier Aviation Nigeria AIEP, ex OE-GBB of Tyrol Air Ambulance. Delivered on 15 December.
SA227	AC	<b>AC-754B</b>	N21GP	Castle Aviation, ex F-HPAA of Apache Lux SARL. Registered on 21 December.
Saab	2000	<b>056</b>	HB-IYA	SkyWork Airlines, ex SE-LXK of Tus Airways. Delivered on 22 December.

Credits: Airfleets, Airline-List, Planespotters and Skyliner.

## Propliners



(PBY-6A, HK-2115P, Villavicencio, 29 February 2008, Fred Streep)

Bristol	170MK31M	<b>13135</b>	NZ5911	On 21 November 2017 we learned that this Bristol freighter, that used to be hotel room near Wellington (NZ), was onboard a cargo ship heading for the UK. Its new destination will be the aviation museum at Bristol Filton Airport, Aerospace Bristol, which opened its doors on 17 October 2017. If all went according to schedule the Bristol should have arrived on 27 December.
Douglas	C-47A	<b>9798</b>	G-DAKK	Rob de Man of Classic Wings took former Aviodrome based South Coastal Airways Dakota G-DAKK to Weeze Airport in 2015 for a complete restoration to airworthy condition. Unfortunately the project did not succeed but the airframe is not lost as on 6 December it was transported overnight to the "Oorlogsmuseum" in Overloon, the Netherlands. Here during 2018 the airplane will be prepared for static display, with the help of Aviodrome volunteers.
	C-47A	<b>12693</b>	N88874	Confederate Air Force, we reported this airframe was purchased with a very quick fundraising action in Scramble 434. The airplane has since been receiving a lot of attention by the crews of Basler Turbo Conversions. By December 2017 it came out for its first engine test run (still piston engine!). This airplane was a leader in the D-Day invasion in 1944, named That's all Brother. And now 75 years later will be taking part in the big D-Day memorial planned for June 2019.
	C-47D	<b>26211</b>	N834M	Vintage Aero, restoration is making progress, as the airplane ferried from Keystone Heights (FL) to Tampa Executive (FL) on 2 December 2017. Upon arrival it was transferred from the Wings of Dreams museum to the newly registered owners. The rest of the restoration by Turin Aviation will take place at nearby Zyperhills (FL). All should be ready in time to join the D-Day memorial in June 2019 as well. When completed the airplane will be wearing its original markings from WW2, 43-48950.
	C-118B	<b>43672</b>	HK-3530X	Transoceanica. This DC-6 has been stored at Barranquilla International Airport on Colombia's north coast. In November several local newspapers reported the opening of a new educational park for children in the town of Puerto Colombia, some twenty kilometres west of the city of Barranquilla. The park includes a white unmarked DC-6. Earlier reports on the park show the fuselage and several other parts already

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in Puerto Colombia by April 2017. We have absolutely no confirmation on the identity, but Google Earth images show the airplanes in the storage corner at Barranquilla slowly being broken up, with only the DC-6 and Yak-40 remaining. Former Transoceanic DC-6 HK-3530X would make an obvious candidate. We are just happy another Colombian propliner survives!

Lockheed	PV-2	<b>15-1242</b>	N7272C	Vintage Aviation Museum has taken up the job to restore this Harpoon. It is still stored at Buffalo (WY) but is already nicknamed "Bad to the Bone". They expect to have the plane in the air this year. Former BuNo 37276.
	PV-2	<b>15-1465</b>	N7080C	Vintage Aviation Museum, still marked as Tanker 39 of Hirth Air Tankers. It was announced in December that this Harpoon will also be restored, but it is considered a long term project. The airplane is still at Buffalo (WY) and is already nicknamed "Annie". Ex BuNo 37499.
PBY	6A	<b>1566</b>	HK-2115P	Was taken apart and put on ground transport from Villavicencio airport in the weekend of 17 December 2017. The truck with the main fuselage even got a traditional water salute by the fire brigade. Ground transport of four trucks went to the port of Cartagena. From here all parts will be shipped to Hamburg, Germany. The airplane was auctioned on Ebay earlier in 2017.

Credits: Aad van der Voet, Ruud Leeuw, Michael Prophet, various online propliner communities.

## Fokker News

F27	-400M	<b>10544</b>	A-2707	TNI-AU / Indonesian Air Force. Was seen on 12 December being transported to the Central Museum of Indonesian Air Force "Dirgantara Mandala", in Yogyakarta, where it will be put on display.
	-050	<b>20106</b>	XA-UZN	MAYAir, ex VH-FNA VARA. Had been stored at Zanzibar since January 2016, and was intended for Aero-Pioneer of Africa. However, they put the Fokker up for sale and it was earmarked for Mexican operator MAYAir. They took delivery of it early December, when it left Nairobi on the long journey towards Middle America. The colours it wore at the time of the delivery are not known.
	-050F	<b>20197</b>	5Y-JWB	Jetways Airlines, ex OE-IJT, I-MLDT MiniLiner. Left Bergamo 7 December on delivery to Khartoum, still in MiniLiner colours but without titles.
	-050	<b>20264</b>	OO-VLZ	VLM Airlines. Left Saarbrücken on 1 December for a ferry back to Antwerp, prior to start flying for VLM Airlines Slovenia. That is a Slovenian scheduled carrier based at Maribor Airport and is a subsidiary of SHS Aviation Slovenia, which is part of SHS Aviation, the company that acquired VLM Airlines in 2016.
F28	-0100	<b>11257</b>	UP-F1016	Bek Air, ex CS-TPA PGA Portugal. Had been stored at Porto since 20 May last year, and left Porto on 22 December on delivery to Bek Air. It was painted in all white colours.
	-0100	<b>11258</b>	UP-F1017	Bek Air, ex CS-TPF PGA Portugal. Same story as TPA above.
	-0100	<b>11403</b>	OM-BYC	Slovak Government. Seen Bratislava 6 December with covers on all landing gear, possibly indicating it is stored there? Confirmation would be appreciated!
	-0100	<b>11446</b>	VH-FGB	Alliance Airlines, ex OE-LVC Austrian Airlines. Update on Scramble 460, as VH-UQG was cancelled on the same day (24 July) as this one became active. Was seen at Norwich 20 December in special "90th anniversary first ever Transpacific flight" colours prior delivery to Australia.
	-0070	<b>11539</b>	OB-	WayraPerú, ex PH-KZP KLM Cityhopper. Fly All Ways (the intended operator) has already sold this 70 to WayraPerú, so expect to see an OB registration on this one in the coming months.
	-0070	<b>11543</b>	5B-	Tus Airways, ex PH-KZU KLM Cityhopper. Deal with Fly All Ways fell through and will now go to Tus Airways instead. Delivered from Norwich via Corfu to Larnaca on 27 December, as PH-KZU.
	-0070	<b>11561</b>	5B-DDB	Tus Airways, ex PH-KZM KLM Cityhopper. Left Norwich 10 December on delivery to Larnaca, still as PH-KZM and in all white colours.
	-0070	<b>11562</b>	5B-	Tus Airways, ex PH-KZB KLM Cityhopper. Same as former PH-KZU above. This one left Norwich on 24 December on delivery to Larnaca, still as PH-KZB. For both aircraft (KZB and KZU) it was unknown what colours they had upon delivery, but given its departure from Norwich we assume already in (basic?) Tus Airways colours. Confirmation needed!
	-0070	<b>11581</b>	5Y-JWF	Jetways Airlines, ex PH-KZK KLM Cityhopper. Seen registered as such at Maastricht on 28 December, still in basic KLM Cityhopper colours.

Credits: Skyliner, Tony Wade.



Australian airline Alliance Airlines is about to take delivery of this colourful Fokker 100 VH-FGB. The former Austrian Airlines Fokker has been in the markings to celebrate the 90th anniversary of the first Trans Pacific Flight. (Norwich, 24 December 2017, Matt Varley)

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This ex OE-LAR G450 is now operated by Silkway Business Aviation and re-registered into the Azerbaijani register since September. Jan Swart captured this exotic aircraft during its first visit to the Netherlands. (Amsterdam-Schiphol, 22 November 2017)

BAe125	-800XPi	<b>258746</b>	N746TX	Registered to Textron Aviation Inc. 27 November. Ex CS-DRH with NetJets Europe.
	-800XPi	<b>258770</b>	N497TX	Registered to Textron Aviation Inc. 27 November. Ex CS-DRL with NetJets Europe.
	-800XPi	<b>258772</b>	N496TX	Registered to Textron Aviation Inc. 27 November. Ex CS-DRN with NetJets Europe.
	-900XP	<b>HA-0080</b>	T7-HHL	Ex A6-HWK, noted Dubai 31 October. Operated by Empire Aviation San Marino.
Cessna	525 (M2)	<b>0885</b>	D-	Ex N880WC, cancelled to Germany 21 December.
	525 (M2)	<b>0979</b>	HB-VTC	Registered to TC Aviation 18 December. Arrived Reykjavik 21 December on delivery to Switzerland.
	525A	<b>0229</b>	D-	N881SJ allocated on USCAR 4 December, ex OE-FAG. N881SJ cancelled to Germany 11 December.
	525A	<b>0479</b>	M-ICRC	Ex M-ICRO, re-registered to Pektron Group Ltd. 21 December.
	525B	<b>0156</b>	2-POSH	Ex F-GVUJ, cancelled to Guernsey 20 December.
	525B	<b>0178</b>	LX-NMX	Ex F-GSGL, cancelled to Luxembourg 4 December. Registered to Jetfly Aviation SA.
	525B	<b>0179</b>	N42LJ	Ex HB-VTJ, registered to Whittlewood Aviation (US) Inc. 11 December.
	525B	<b>0280</b>	N719NK	Registered to N & K Development LLC 28 November. Ex M-MIKH.
	550	<b>0085</b>	F-HDOG	Ex G-IMED, cancelled to France in September. Noted Le Bourget 6 December sporting it's new French ID.
		560XLS+	<b>6055</b>	T7-MSH
	560XLS+	<b>6169</b>	G-CKUB	Registered to Catreus AOC Ltd. 11 December. Ex N898MS.
	560XLS+	<b>6221</b>	T7-XLS	Ex N221XL, cancelled to San Marino 15 December. Ferried Keflavik to Kiev, on delivery, 21 December.
	560XLS+	<b>6239</b>	D-CNNN	Departed Wichita-Mid Continent 13 December, on delivery to DC Aviation at Stuttgart.
	680	<b>0078</b>	OO-	Ex N680SE, cancelled to Belgium 14 December.
	750	<b>0291</b>	T7-OCC	Ex P4-TEN, noted re-registered at Doncaster 29 November.
Challenger	300	<b>20029</b>	N290CH	Avpro Inc, ex HB-JEC. Registered on 8 December.
	300	<b>20033</b>	N33CH	Avpro Inc, ex OE-HRR. Registered on 21 December.
	300	<b>20184</b>	N614WD	Charlie 300 LLC, re-registered from N384RV on 27 November.
	300	<b>20253</b>	C-GPGF	Sunwest Aviation, ex N300GP. Registered on 27 November.
	300	<b>20295</b>	OK-AOA	CTR Group AS, noted at Guernsey on 6 December, ex P4-AMR.
	350	<b>20673</b>	N718EP	Bombardier Aerospace Corp, ex C-GUGS. Registered on 21 November.
	350	<b>20688</b>	VP-CPF	Alliance Air, ex VP-CPO. Re-registered on 24 October.
	350	<b>20700</b>	N88DJ	Bombardier Aerospace Corp, ex C-FYTY. Registered on 20 December.
	350	<b>20703</b>	N583FX	Flexjet, ex C-GOYO. Registered on 16 November.
	350	<b>20704</b>	N744QS	NetJets, ex C-GUGV. Registered on 8 December.
	350	<b>20705</b>	N584FX	Bombardier Aerospace Corp, ex C-GOXD. Registered on 29 November. Delivered to Flexjet shortly after.
	350	<b>20706</b>	T7-DNK	Aerobusinessservice, ex C-GOXG. Delivered on 28 November.
	350	<b>20707</b>	N585FX	Bombardier Aerospace Corp, ex C-GOYD. Registered on 6 December. Registered to Flexjet on 11 December.
	350	<b>20708</b>	N46SM	Bombardier Aerospace Corp, ex C-FXGF. Registered on 12 December.
	350	<b>20709</b>	N746QS	NetJets, ex C-GOXA. Registered on 7 December.
	350	<b>20710</b>	N586FX	Bombardier Aerospace Corp, registered on 5 December. Registered to TVPX Aircraft Solutions Inc on 14 December.
	350	<b>20711</b>	N747QS	NetJets, registered on 22 December.
350	<b>20712</b>	N587FX	Bombardier Aerospace Corp, registered on 5 December. Registered to TVPX Aircraft Solutions Inc on 19 December.	
350	<b>20713</b>	N749QS	NetJets, registered on 22 December.	
350	<b>20714</b>	N588FX	Flexjet, registered on 27 December.	
350	<b>20715</b>	N157PH	Bombardier Aerospace Corp, registered on 8 December.	
350	<b>20717</b>	N12EC	Bombardier Aerospace Corp, registered on 15 December.	
350	<b>20718</b>	N63WR	Bombardier Aerospace Corp, registered on 14 December. Registered to Four S's LLC on 22 December.	
350	<b>20719</b>	N978SH	Bombardier Aerospace Corp, registered on 15 December.	

	601-3A	<b>5110</b>	T7-MNG	Medien Holding Klambt GmbH Co KG, ex HZ-FJM. Noted at Stuttgart on 15 November.
	601-3R	<b>5185</b>	N991SH	Absolutely Aviation LLC, re-registered from N914Y on 19 December.
	604	<b>5404</b>	N156SW	Whitney Group LLC, re-registered from N32UC on 14 November.
	604	<b>5604</b>	N604BC	Meisner Aircraft Inc, ex M-AAEL. Registered on 28 November.
	604	<b>5608</b>	N604LB	Meisner Aircraft Inc, ex M-SIMI. Registered on 27 November.
	604	<b>5660</b>	N843CC	MHS Travel & Charter Inc, re-registered from N848CC on 13 December.
	605	<b>5713</b>	C-FGRS	Execaire, ex N778BA. Registered on 19 December.
	605	<b>5751</b>	N917RS	Swartz Aviation Group LLC, ex N917RS. Registered on 16 November.
	605	<b>5798</b>	N1088	FMC Corp, ex OE-IOS. Registered on 30 November.
	605	<b>5856</b>	SX-FSA	GainJet Aviation, ex 9H-KAS. Delivered to Athens on 25 October.
	605	<b>5864</b>	TC-AAA	N605BB was cancelled on 22 November and is now operated by Bon Air.
	605	<b>5901</b>	XA-MXJ	N345FX was exported to Mexico on 9 November and is now operated by Aerolineas Ejecutivas.
	650	<b>6100</b>	VH-LEF	Linfox Express Charter Pty Ltd, ex C-FYIG. Registered on 7 December.
	650	<b>6102</b>	C-FYXV	Bombardier Inc, ex N531JB. Registered on 8 December after which it became...
	650	<b>6102</b>	N650JM	Registered to Bombardier Aerospace Corp on 26 December.
	650	<b>6106</b>	N8895	Bombardier Aerospace Corp, ex C-FAWU. Registered on 11 December.
	650	<b>6108</b>	N650PG	Bombardier Aerospace Corp, ex C-FYNZ. Registered on 21 December.
Embraer	500	<b>50000250</b>	2-JBMF	Ex N861CB was re-registered to the Isle of Guernsey and the operator was renamed JBFeggair ApS.
	500	<b>50000384</b>	G-CKCU	This brand new Phenom was sold by Embraer Executive Aircraft Corp. to Affinity Flying Training Services Ltd. and is operated by the Royal Air Force.
	505	<b>50500087</b>	PR-LBS	Former M-APLE of Poseidon Finance Ltd. was sold to Lider Taxi Aereo SA in Brasil.
	505	<b>50500345</b>	YR-DED	Ex N545EE of Embraer Executive Aircraft Inc. was recently sold to an unknown operator in Romania.
	505	<b>50500433</b>	CS-PHK	Another brand new Phenom was delivered to NetJets Europe. It departed Melbourne (FL) for delivery on 20 November.
	505	<b>50500438</b>	G-WZAP	Noted as such at Melbourne (FL) by the end of November. New customer is not known at this moment.
	550	<b>55000056</b>	M-ORIS	This ex PR-LNK Legacy 550 was delivered to Legacy 500 Ltd. on 9 November. Addition to Scramble 463 – Page 55.
Falcon	550	<b>55000069</b>	G-ESNA	Noted as such at Sao José dos Campos, will be for Air Charter Scotland. Ex PR-LNT.
	7X	<b>8</b>	M-REEE	Bernie Ecclestone re-registered his Falcon 7X from N999BE to M-REEE on 12 December.
	7X	<b>15</b>	N818TL	Former CS-TLY was noted at Geneva on 13 December, not yet registered.
	7X	<b>21</b>	F-HMGC	Dassault Aviation, ex VP-BEH. Registered on 9 November.
	7X	<b>42</b>	N113BD	BDAG 7X LLC, ex M-YORK. Registered on 12 December.
	7X	<b>56</b>	N473K	Live RD Air LLC, ex LX-ZXP. Registered on 6 December.
	7X	<b>91</b>	HB-JFR	Japat, re-registered from M-MNBB on 28 November.
	7X	<b>164</b>	F-HVPA	Dassault Aviation, ex CS-DSC. Noted at Le Bourget on 7 November, registered on 4 December.
	7X	<b>165</b>	N165FJ	Dassault Falcon Jet Corp, ex PR-YVL. Registered on 21 December.
	7X	<b>168</b>	B-3268	EI-GCK was cancelled to China on 11 August.
	7X	<b>243</b>	SU-BTU	Government of Egypt, ex F-WWUR. Delivered on 12 December.
	7X	<b>244</b>	B-8823	Registered on 30 November, ex N939TY.
	7X	<b>246</b>	SU-BTV	Government of Egypt, ex F-WWUQ. Delivered on 12 December.
	7X	<b>250</b>	B-3333	Noted at Beijing on 8 December, ex N998SS.
	7X	<b>278</b>	N421HU	TVPX Aircraft Solutions Inc, ex F-WWUB. Registered on 15 December.
	8X	<b>402</b>	TC-RMK	Setair, ex F-HUIX. Delivered on 21 November.
	8X	<b>420</b>	F-HVIP	Dassault Aviation, ex N88FJ. Registered on 12 December.
	8X	<b>425</b>	D-AGBB	Volkswagen, ex F-WWQY. Noted at Stuttgart on 8 December.
	8X	<b>427</b>	VP-CHY	HK Bellawings, ex F-WWNA. Delivered in November.
	8X	<b>428</b>	HB-JWX	Albinati Aeronautics, ex F-WWNB. Registered on 30 November.
	8X	<b>431</b>	OY-DBS	Air Alsie, ex F-WWNE. Registered on 19 December. Already the third Danish 8X!



ZS-DEX used to be registered to a Beech B200 until June this year, since then it is registered to this Falcon 900EX with c/n 65 and visited The Netherlands in December. The exact owner/operator is unfortunately not known yet, so any information is welcome. (Rotterdam-The Hague, 9 December 2017, Maarten Visser Sr.)



Pilatus Flugzeugwerke is continuing its flight-test programme in order to receive all necessary certificates to allow the PC-24 to be sold world-wide. This time HB-VSB is returning from its second flight. (Stans-Buochs, 13 December 2017, Stephan Widmer)

	8X	<b>433</b>	N1898B	US Bank NA, ex F-WWVK. Registered on 14 December.
	50	<b>94</b>	N504CP	CFA Aviation LLC, re-registered from N946TC on 6 December.
	50	<b>209</b>	N790JS	Paxton Acquisitions LLC, re-registered from N358MH on 18 December.
	50EX	<b>298</b>	N902AB	Angel Brothers Enterprises Ltd, ex N615SR. Registered on 13 November.
	50EX	<b>337</b>	N600LY	CMM Flight Services LLC, re-registered from N988GC on 17 November.
	900EX	<b>29</b>	N124GD	Dino Corp, ex N490S. Re-registered on 15 November.
	900LX	<b>154</b>	N428DR	Maverick Air II LLC, re-registered from N47EG on 20 December.
	900LX	<b>273</b>	N508BM	Frist Aviation, ex OY-MHM. Registered on 8 December.
	900LX	<b>275</b>	N527P	JAS Air LLC, re-registered from N248DV on 21 November.
	900LX	<b>295</b>	N932CC	Dassault Falcon Jet Corp, ex F-WWFU. Registered on 13 December.
	900LX	<b>308</b>	HA-LKZ	Air Invest, ex F-WWFK. Delivered in December.
	2000	<b>83</b>	N923AL	Piers Acquisitions LLC, ex N1128B. Registered on 28 November.
	2000	<b>124</b>	N955ME	Illuminad LLC, ex N224QS. Registered on 13 November.
	2000	<b>127</b>	N307MD	NetJets, re-registered from N227QS on 5 December.
	2000	<b>137</b>	N770TM	Falcon 2000 LLC, re-registered from N510RR on 15 November.
	2000EX	<b>78</b>	N20YC	This well-known European Falcon was I-JETF, G-JETF and finally OE-HCB. It was registered to Aero-management Inc on 21 November.
	2000LX	<b>123</b>	N466JB	Jabil Inc, re-registered from N1933N on 13 December.
	2000LXS	<b>331</b>	N421SC	Dassault Falcon Jet Corp, ex F-WWJS. Registered on 18 October. Registered to Stryker Corp on 16 November.
Global	2000LXS	<b>335</b>	N915RB	Dassault Falcon Jet Corp, registered on 14 December.
	Express	<b>9145</b>	D2-ANH	Noted Lanseria 3 December, believed ex CS-DVI. Same colour scheme.
	5000	<b>9168</b>	LX-MLO	Recently registered to Global Jet Luxembourg, ex OE-INC.
	XRS	<b>9208</b>	OE-ILK	Previously with Laudamotion as OE-LUB, re-registered in December.
	5000	<b>9222</b>	N9222G	Registered to Aviation Enterprises Inc. 15 December. Ex VP-CAK.
	XRS	<b>9282</b>	T7-FBQ	Ex A6-FBQ, noted at Berlin-Schonefeld 18 December.
	XRS	<b>9293</b>	LX-JAP	Ex M-JANP, cancelled to Luxembourg 18 December. Registered to Global Jet Luxembourg 19 December.
	XRS	<b>9319</b>	VP-CYG	Ex 9H-IRA which had been stored at Guernsey since September. Registered to LSFL Cayman Co. Ltd. in November.
	XRS	<b>9333</b>	D-	Ex G-SANL, cancelled to Germany 18 December.
	XRS	<b>9339</b>	G-OCAK	Registered to Gama Aviation 15 December. Ex VQ-BNP.
	5000	<b>9693</b>	N874BA	Registered to Bombardier Aerospace Corp. 7 December as N874BA, ex OE-IMA. Cancelled to Bulgaria 13 December.
	6000	<b>9784</b>	N716TV	Registered to Bombardier Aerospace Corp. 20 December. Tested as C-FSRX
	6000	<b>9788</b>	M-AVIR	Ex N996WL, registered to Bombardier Inc. 8 December as C-FZDN. C-FZDN cancelled to the Isle of Man 19 December. Registered to Anjet Co. Ltd. 20 December and arrived Ronaldsway 21 December on delivery.
	6000	<b>9792</b>	OE-LMA	Tested as C-FUFT, cancelled to Austria 13 December. Delivered to Global Jet Austria 19 December.
	6000	<b>9793</b>	N178HT	Tested as C-FUHF. Registered to Bombardier Aerospace Corp. 30 November.
	6000	<b>9796</b>	N796GL	Registered to Bombardier Aerospace Corp. 19 December, tested as C-FUGV.
	5000	<b>9798</b>	N989RJ	Tested as C-FUFP. Registered to Bombardier Aerospace Corp. 22 November.
	6000	<b>9818</b>	C-FXFP	Registered to Bombardier Inc. 27 November.
	5000	<b>9819</b>	C-FXFP	Registered to Bombardier Inc. 5 December.
Gulfstream	IISP	<b>169</b>	XA-UVO	A belated update on this one. N467AN was cancelled to Mexico on 22 January 2015. Was noted at Pereira in Colombia as XA-UVO on 10 June 2017.
	III	<b>416</b>	N19HE	HBI Leasing LLC, re-registered from N19H on 13 December.
	III	<b>472</b>	N550JF	Jefi Jets Aviation LLC, ex LV-CEG. Registered on 4 December.
	IV	<b>1078</b>	N831XA	Aircraft Holdings Inc, re-registered from N211DK on 17 November.
	IV	<b>1144</b>	N41SC	The last classic G-IV left in China, B-8091, was registered to Southern Cross Aircraft LLC on 22 November as N41SC.
	IV	<b>1145</b>	N18TD	Threshold Ventures Inc, re-registered from N973MW on 16 November.

IVSP	<b>1289</b>	N920KM	Business Aircraft Leasing Inc, ex N607MH. Registered on 13 November.	
IVSP	<b>1343</b>	N1CC	Executive Jet Management, re-registered from N2CC on 17 November.	
IVSP	<b>1348</b>	N348DJ	Napa Jet LLC, ex PP-WJB. Registered on 20 December.	
IVSP	<b>1403</b>	N403VR	QS Partners LLC, ex N403QS. Registered on 8 December. NetJets is really getting rid of their G-IVs fast...	
IVSP	<b>1426</b>	N426VR	QS Partners LLC, ex N426QS. Registered on 13 November.	
IVSP	<b>1436</b>	N436VR	QS Partners LLC, ex N436QS. Registered on 6 December.	
IVSP	<b>1454</b>	N454VR	QS Partners LLC, ex N454QS. Registered on 28 November.	
IVSP	<b>1466</b>	C-FLMS	Skyservice Business Aviation, ex N10FH. Registered on 7 December.	
IVSP	<b>1468</b>	N814RP	Clay Lacy Aviation, re-registered from N814RR on 7 November.	
G400	<b>1508</b>	2-CHIU	N663DC was cancelled to 2-CHIU on 7 December.	
G450	<b>4065</b>	N450BT	TW Aviation LLC, re-registered from N450EA. Was first noted on 8 June.	
G450	<b>4106</b>	9H-BOG	Emperor Aviation, ex 4L-GAF. Delivered on 16 December.	
G450	<b>4129</b>	N530PM	EBTS LLC, re-registered from N596DC on 14 November.	
G450	<b>4139</b>	N718PM	Confectionary Advantage, re-registered from N351TP on 26 December.	
G450	<b>4218</b>	N450RX	Roux Investment Management Co LLC, ex XA-ELK. Registered on 19 December.	
G450	<b>4302</b>	N125GG	National Air Services, re-registered from N71GE on 13 December.	
G450	<b>4362</b>	N88999	Bank of Utah, ex N362GA. Registered on 14 December.	
G550	<b>5046</b>	N885GM	Bend Properties Inc, ex N5PG. Registered on 9 November.	
G550	<b>5117</b>	N814RR	Topanga Aviation LLC, ex N595A. Registered on 5 December.	
G550	<b>5206</b>	N6JP	Bank of Utah, re-registered from N469SD on 15 December.	
G550	<b>5280</b>	PR-RDD	N580JT was cancelled to Brazil on 17 October for operation by Yamandu Empreendimentos e Participações SA. This airframe already wore PR-FRA from 2010 until February 2017.	
G550	<b>5354</b>	N535GV	Wilmington Trust Co, re-registered from N535GA on 8 December 2017.	
G550	<b>5555</b>	N877SB	Gulfstream Aerospace Corp, ex N255GA. Registered on 17 November and then registered to SB Companies LLC on 27 November.	
G550	<b>5558</b>	N1967M	McDonald's Corp, ex N558GD. Registered on 9 November.	
G550	<b>5559</b>	N1777U	TVPX Aircraft Solutions Inc, ex N559GA. Registered on 21 November.	
G650	<b>6053</b>	N650MS	Bank of Utah, ex N2N. Registered in December.	
G650	<b>6054</b>	T7-ARC	Sorens Aero Ltd, ex N650GL. Delivered to Vnukovo on 21 December.	
G650	<b>6207</b>	LX-MOW	Global Jet Luxembourg, ex M-GULF. Delivered on 12 December.	
G650ER	<b>6252</b>	C-FYRC	Sunwest Aviation, ex N650GD. Registered on 23 November.	
G650	<b>6262</b>	N313RG	Gulfstream Aerospace Corp, ex N662GA. Registered on 21 November, then registered to Renair 650 LLC on 29 November.	
G650ER	<b>6271</b>	A7-CGD	Qatar Executive, delivered on 21 December and ex N671GD.	
G650	<b>6274</b>	N136ZC	Gulfstream Aerospace, ex N674GA. Registered on 9 November. Registered to Corporate Wings LLC on 17 November.	
G650ER	<b>6275</b>	N650GA	Gulfstream Aerospace, ex N675GS. Registered on 14 November.	
G650ER	<b>6276</b>	N889LM	Gulfstream Aerospace, ex N889LM. Registered on 29 November.	
G650	<b>6277</b>	N898CH	Bank of Utah ex N277GA. Registered on 6 December.	
G650	<b>6278</b>	OE-LEO	Global Jet Austria, ex N678GD. Delivered on 13 December.	
G650	<b>6279</b>	M-AAAL	Global Jet Isle of Man, ex N279GA and registered on 14 December. This replaces Global 6000 c/n 9443.	
G650	<b>6580</b>	B-3271	Delivered on 21 December, ex N680GD.	
G650ER	<b>6281</b>	N811TM	Delivered on 17 December, ex N281GA.	
G650	<b>6285</b>	N709DS	CB Air, ex N685GD. Delivered on 21 December.	
Honda	HA-420	<b>00070</b>	N542MP	Aviation Services the Third Inc, ex N230JL. Delivered to Jersey on 23 December.
IAI	G150	<b>243</b>	M-FAST	Registered to G-150 Aeronautics Ltd. 15 December. Ex EC-KPJ.
	G200	<b>241</b>	T7-	Ex N121DX, cancelled to San Marino 15 December.
Learjet	25C	<b>25C-146</b>	I-BMFE	Is now in use as an instructional airframe at Barcelona, Spain.
Pilatus	PC-24	<b>101</b>	HB-VSB	The PC-24 obtained flight certification 7 December, 101 made its first flight 11 December. This will become N124AF with Planesense.
Raytheon	390	<b>RB-280</b>	OK-EJH	Ex N722NB of Delta Southern Resource Leasing LLC was sold to Erwin Junker Grinding Technology AS in the Czech Republic. Addition to Scramble 463 – Page 56.
	4000	<b>RC-64</b>	N448CC	Sale to Denmark was cancelled, aircraft restored to Aircraft Guaranty Corp as Trustee.

## Bizprops

Beech	B200	<b>BB-921</b>	G-FLYK	Ex D-IKOB of Jet Executive International Charter was recently sold to David Thomas Aveston Rees in the UK. but operated by Haverfordwest Air Charter Services Ltd. Addition to Scramble 463 – Page 56.
	B200	<b>BB-932</b>	VH-PFT	Ex F-OIAA of Air Alizé was sold to Airflite Pty. Ltd. in Australia.
	B250	<b>BY-297</b>	SE-MJI	Former N297BY of Textron Aviation Corp. was recently sold and delivered to a yet unknown operator in Sweden.
	B250	<b>BY-298</b>	SE-	Former N298BY of Textron Aviation Corp. was recently sold and delivered to a yet unknown operator in Sweden.
	B350	<b>FL-702</b>	F-	Former N526KA of SFH Inc. was sold to a yet unknown operator in France.
Cessna	208	<b>00123</b>	D-FPAR	Robert Troegele & Robert Fahrenschoen, ex N331SV. Acquired on 8 November.
	208B EX	<b>5366</b>	TC-DYK	EMI Group, ex N825FT. Registered on 29 October.
PC-12	/47E	<b>1064</b>	N401SE	Registered to Corporate Fleet Services LLC 14 December. Ex RA-01507.
	/47E	<b>1133</b>	OH-WIT	Registered to Witron Logistik & Informatik GmbH 16 November. Operated by Hendell Aviation. Updates 463/56.
	/47E	<b>1235</b>	SE-	Ex M-YLEO, cancelled to Sweden 6 December.
	/47E	<b>1720</b>	HB-FWF	Registered to Pilatus Flugzeugwerke AG 3 December.
	/47E	<b>1739</b>	EW-501LL	Delivered to BySky Airlines 28 November. tested as HB-FQB.
	/47E	<b>1744</b>	G-MAKN	Registered to Ravenair Aircraft Ltd. 15 December. Tested as HB-FQG.
	/47E	<b>1753</b>	EW-502LL	Tested as HB-FQP, will be the second example for BySky. It was noted at Stans mid December with it's Belarussian marks taped over.
	/47E	<b>1755</b>	N755AF	Registered to Pilatus Business Aircraft Ltd. 27 November. Tested as HB-FQR.

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Ex OO-PZG was re-registered into the Guernsey register in September and is since then operated by Wave Airways to connect Guernsey with some destinations on the south coast of the UK. (Antwerp, 8 November 2017, Walter Van Brempt)

	/47E	<b>1756</b>	N1756P	Tested as HB-FQS. Registered to Pilatus Business Aircraft Ltd. 27 November.
	/47E	<b>1757</b>	N175NG	Registered to Pilatus Business Aircraft Ltd 1 December. Tested as HB-FQT.
	/47E	<b>1758</b>	D-FCAR	Tested as HB-FQU. Flew Stans to Friedrichshafen 7 December.
	/47E	<b>1760</b>	G-DYLN	Registered to Oriens Leasing Ltd. 18 December. Tested as HB-FQW.
	/47E	<b>1762</b>	N1247E	Tested as HB-FQY. Registered to Pilatus Business Aircraft Ltd. 21 December.
	/47E	<b>1764</b>	HB-FXN	Registered to Pilatus Flugzeugwerke AG 30 November.
	/47E	<b>1765</b>	HB-FRB	Registered to Pilatus Flugzeugwerke AG 29 November.
	/47E	<b>1766</b>	HB-FRC	Registered to Pilatus Flugzeugwerke AG 29 November.
	/47E	<b>1767</b>	HB-FRD	Registered to Pilatus Flugzeugwerke AG 18 December.
	/47E	<b>1768</b>	HB-FRE	Registered to Pilatus Flugzeugwerke AG 18 December.
	/47E	<b>1769</b>	HB-FRF	Registered to Pilatus Flugzeugwerke AG 18 December.
Piaggio	P180	<b>1043</b>	HA-	Ex N217DA, cancelled to Hungary 13 December.
	P180	<b>3005</b>	T7-ASG	Recently registered to AISaif Aviation. Ex A6-ASG.
Piper	31T	<b>8120056</b>	N252PM	Aircraft Guaranty Corp, ex HB-LUQ. Registered on 7 December.
	46-500TP	<b>4697566</b>	D-FCOC	Former OE-EGT became D-FCOC by October.
	46-600TP	<b>4698055</b>	HB-PTW	Transwing Ltd, ex N71089. Registered on 17 December.
Quest	Kodiak 100	<b>0219</b>	D-FBHI	Privateways Luftfahrtgesellschaft mbH, ex N219KQ. Delivered in October, this is the first Kodiak with a European registration.
SOCATA	TBM-700	<b>345</b>	F-HAMJ	Former I-TICO of L. Barilla was sold to Iroise Aero Services last month.
	TBM-850	<b>479</b>	EC-MTA	Ex N850GG of Transatlantic Deliveries Trust was sold to Dareva Aero SL in Spain.
	TBM-850	<b>575</b>	F-HKPB	Another TBM-850 was sold to a European company, this time ex N850SN of N702BM Inc. became French and is now operated by Dauphine 27.
	TBM-850	<b>687</b>	N	This former Saint Barthelemy based TBM F-OOGL of GL Aeroservices was recently sold to an unknown operator in the States.
	TBM-930	<b>1168</b>	D-FKMS	This TBM was sold to an unknown operator in Germany and is based at Schwaebisch Hall since July this year.

## Soviet Updates

Go to the Soviet Transports database at the Scramble website for full known histories, including additional info on crashes, colour schemes etc. etc.. To get the most from this extensive (more than 220,000 records) database consider using the advanced search options. Near the bottom of the same page on the Soviet Transport database on the Scramble site there is a link to the Soviet Transports downloads page featuring a new illustrated guide to ST construction numbers. It can be downloaded free of charge together with more than sixty production lists and a list of abbreviations and (location) translations and a Google Earth KMZ file with all airports in the Soviet Transports database.

The IATA code for Rostov-na-Donu-Vostochny (East) was ROV till 7 December 2017 but has changed to RVI since. The IATA code ROV is now assigned to the new airport Rostov-Platov, which opened 7 December 2017. The old airport closed for regular traffic the same date, but the overhaul plant at the old airport asked the authorities to keep the runway open until the end of 2018.

Interesting data was received again on Mi-1 and SM-1/2 as well as Mi-4. For full details on these mentioned below please see the on-line database. Also a massive clean-up in the Hungarian register last month.

An-2T	<b>1G27-21</b>	HA-ANC	Bács-Kiskun A.C.	canx	22nov17	as CofA expired 20jan10
An-2TP	<b>1G76-15</b>	HA-ABS	Békés Aero Club	canx	22nov17	as CofA expired 24sep09
An-2P	<b>1G107-11</b>	RA-01764	Vyatka Avia	MRV	14jul16	canx between 23nov17 and 26dec17

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An-2P	<b>1G151-25</b>	UR-07450	Konkordavia	CKC	26may17	canx 15nov17
An-2R	<b>1G154-05</b>	HA-MHV	Transcom 94 Kft	canx	22nov17	as CofA expired 22mar08
An-2T	<b>1G162-18</b>	RA-01128(2)	ROSTO	w/o	sep04	crashed in the Krasnoyarsk region; c/n now known
An-2R	<b>1G163-29</b>	HA-MBG	Air Patrol Kft.	canx	22nov17	as CofA expired 18jun09
An-2R	<b>1G176-23</b>	HA-MDA	Air Patrol Kft n/t	canx	22nov17	as CofA expired 16may08
An-2R	<b>1G178-53</b>	HA-MKK	Letalska sola Solt	canx	22nov17	as CofA expired 19apr08
An-2PF	<b>1G181-44</b>	HA-YHB	Telecopter Kft n/t	canx	22nov17	as CofA expired 27sep07
An-2R	<b>1G186-04</b>	HA-MDZ	BPR Consulting	canx	22nov17	as CofA expired 30jul09
An-2R	<b>1G186-08</b>	HA-MEB	Nyír Air Serv.Kft.	canx	22nov17	as CofA expired 18mar10
An-2TP	<b>1G187-35</b>	HA-ANM	Cubuus Engineering	canx	22nov17	as CofA expired 20apr08
TVS-2MS	<b>1G187-48</b>	RA-54939	no titles	Ovy	02jun17	almost finished but engine not yet mounted
An-2R	<b>1G223-58</b>	RA-40432		rgd	29nov17	ex UR-40432
An-2P	<b>1G224-09</b>	HA-ANP	Györi A.C., n/t	canx	22nov17	as CofA expired 29sep06
An-2TP	<b>1G232-57</b>	HA-ANX	Baranya Aero Club	canx	22nov17	as CofA expired 25apr08
An-2P	<b>1G234-08</b>	HA-YHG	Budapest A/c Service	canx	22nov17	as CofA expired 07jun07
An-2T	<b>1G235-37</b>	HA-ABK	Hidroplan Nord Kft	canx	22nov17	as CofA expired 15aug02
TVS-2MS	<b>1G231-51</b>	RA-01460	Naryan-Mar Avn.Enterprise	w/o	19dec17	when engine failed shortly after take-off NNM
An-8	<b>OD 34 20</b>	"09"	Soviet Air Force	photo	1974	at Lugansk- straya Mogila; later became CCCP-27215
An-10A	---	CCCP-11939	Soviet AF/AFL c/s	photo	1971	in Azerbaijan
An-12AP	<b>2 34 05 05</b>	UR-CCP	AeroVis Airlines	BTS	01dec17	with titles and logo; AOC was renewed 01nov16
An-12BK	<b>9 34 69 04</b>	UR-CAG	Ukr Air Alliance	LEI	09aug13	burned out there; finally canx 15nov17
An-12A	---	CCCP-11941	Soviet Air Force	photo	15mar67	in Azerbaijan; showing code "20" in window
An-12B	---	SU-AAP	UAR Air Force	photo	mid60s	photo at Sana'a in the book 'Hot Skies Over Yemen'
An-26Sh	<b>55 07</b>	"71" yellow	Ukraine Air Force	IEV	01mar17	arrived ARP-410 for overhaul; ex "21" red; not c/n 3210
An-26B	<b>59 01</b>	UR-UZA	Constanta	rgd	08dec17	to Aviatsiyne obladannya of Kiev; ex UR-CHT
An-26	<b>72 08</b>	"04" blue	Ukraine Air Force	PRG	20dec17	c/n checked; l/n MLA 21dec17
An-26	<b>95 01</b>	RA-36108	Russian Air Force	photo	dec17	location withheld; grey c/s also carrying "28" red
An-26B	<b>113 05</b>	UR-UZB	Constanta	rgd	18dec17	ferried KTW-IEV 20dec17; ex SP-FDR
An-26B	<b>120 08</b>	UR-UZC	Constanta	rgd	18dec17	ferried KTW-IEV 22dec17; ex SP-EKA
An-26	<b>135 01</b>	FAR-1459	Cuban Air Force	photo	07nov17	at Antigua; no titles
An-26B	<b>144 03</b>	UR-MNN	Meridian	rgd	30sep15	stored at IEV, seen oct15/feb17; canx 15nov17
An-26	---	YA-TAK	not known	JUB	29nov17	
M28	<b>AJE 003-45</b>	D-CPDA	PD AIR Operation	h/o	27nov17	ex SP-DGO(2) which was canx 06oct17
M28	<b>AJE 003-46</b>	D-CPDB	PD AIR Operation	resv.	28sep17	ex SP-DGU(3) which was canx 06oct17
An-30	<b>06 03</b>	"01" yellow	Russian MVD/VV		dec11	wfu Yermolino, and b/u at Yermolino in spring 2012
An-32B	<b>20 09</b>	EY-332	Asia Sky Lines	photo	02oct17	at Wadi Seidna, Sudan; l/n JUB 01dec17; ex EY-330
An-72-100	<b>365 720 70 688</b>	D2-FEP/T-703	Angolan Air Force	LAD	nov16	scrapped at LAD in early dec17
An-72	---	T-704	Angolan Air Force	LAD	nov16	scrapped at LAD in early dec17
An-72	---	T-705	Angolan Air Force	LAD	nov16	scrapped at LAD in early dec17
An-124-100	<b>9773054616023</b>	RF-82011	Russian Air Force	ULY	18dec17	named 'Oleg Antonov' this date
An-148-100	<b>01 01</b>	UR-NTA	Ukraine Intl Airl.	LWO	03jul13	canx 15nov17 with operator given as DP "Antonov"
An-148-100	<b>01 09</b>	UR-UKN	DP "Antonov"	rgd	02jul15	canx 15nov17
An-148-100	<b>27015042015</b>	RF-32815	MchS Rossii	RVI	12dec17	
An-148-100	<b>27015042031</b>	RA-61731	Russian Air Force	h/o	13dec17	opb 33 otsap at Levashovo
An-148-100	<b>27015042032</b>	RA-61732	Russian Air Force	h/o	13dec17	opb 33 otsap at Levashovo
Be-200ChS	<b>64620070305</b>	RF-31140	MChS Rossii	h/o	20dec17	l/n CEK 21dec17
Il-18	---	UP-18496	Southern Sky LLP		01dec17	flew DAM-KRT according flight plan; according CAA not on the register
Il-62M	<b>40 38 1 1 1</b>	UR-86528	Ukraine	KBP	mar17	sat there wfu; canx 15nov17
Il-76T	<b>00134 28831</b>	UR-CPS	ZetAvia		14dec17	not yet on the register by 24dec17; ex UP-17618
Il-76MD	<b>00334 43266</b>	RF-76545	Russian Air Force	KLD	dec17	in basic Aeroflot c/s, no titles; ex RA-76545
Il-76TD	<b>00534 58741</b>	UR-CIU	ZetAvia	rgd	02jul12	canx 15nov17; no valid CofA since 28jun14
Il-976	<b>00634 66995</b>	76453	Rosatam	ZIA	20dec17	'Gosudarstvennaya Korporatsiya po Atomnoi Energii "Rosatom"' titles
Il-76MD	<b>00634 70118</b>	76697	Ukraine Air Force	Mtp	31jul13	under overhaul with NARP at Mykolayiv in 2017
Il-76TD	<b>00734 79392</b>	ST-ASX	Kush Aviation	d/d	18jun13	l/n KRT 22nov17, wfu and broken up 26nov17
Il-76TD	<b>10034 03082</b>	EW-78843	United Nations	MSQ	17sep17	in a/w c/s, grey undersides with 'WFP' titles
Il-76TD	<b>10134 05176</b>	EW-495TH	Trans Avia Export		dec17	details from russianplanes.net; ex RA-76807
Il-76TD	<b>10234 12418</b>	RA-76446	CEIBA Cargo	MSQ	01jul16	canx between 23nov17 and 26dec17
Il-76	---	20547	Chinese Air Force	NAY	24nov17	bluish grey c/s, red code and titles; no turret
Il-76	---	21143	Chinese Air Force	NAY	08dec17	bluish grey c/s, red code and titles; no turret
KJ2000	---	30572	Chinese Air Force		dec17	bluish grey c/s, red code
KJ2000	---	30573	Chinese Air Force		nov17	bluish grey c/s, red code
Il-96-300	<b>74393201006</b>	RA-96009	Domodedovo Airlines	fff	13dec17	since years, flew DME-ZIA; was in fact canx 09oct17
Ka-26	<b>70 010 02</b>	HA-MMC	Urbán Légi Növény.	canx	22nov17	as CofA expired 20apr06
Ka-26	<b>70 011 03</b>	HA-MMF	Biplán Kft., n/t	canx	22nov17	as CofA expired 16nov11
Ka-26	<b>70 014 05</b>	HA-MRL	Primex Kkt., n/t	canx	22nov17	as CofA expired 30oct09
Ka-26	<b>70 014 06</b>	HA-MRM	Remeckzi és Társa	canx	22nov17	as CofA expired 22apr09
Ka-26	<b>71 017 01</b>	HA-MRP	Dongó Kft.	canx	22nov17	as CofA expired 23nov08
Ka-26	<b>72 025 10</b>	HA-MZH	Gergely Air	canx	22nov17	as CofA expired 03may06
Ka-26	<b>73 034 06</b>	HA-MCI	Nyír Air Serv.Kft.	canx	22nov17	as CofA expired 23mar08
Ka-26	<b>73 039 09</b>	HA-MMW	Dongó Kft., n/t	canx	22nov17	as CofA expired 26feb11
Ka-26	<b>74 044 18</b>	HA-MNE	Fly-Coop Kft	canx	22nov17	as CofA expired 23mar08
Ka-26	<b>74 046 19</b>	HA-MCP	Dongó Kft., n/t	canx	22nov17	as CofA expired 21sep11
Ka-26	<b>74 047 17</b>	HA-MCD	Cessna Szolj. Bt.	canx	22nov17	as CofA expired 20may04
Ka-26	<b>75 052 03</b>	HA-MNL	Dongó Kft., n/t	canx	22nov17	as CofA expired 17mar06

Ka-26	<b>77 061 11</b>	HA-MPD	Dongó Kft.; n/t	canx	22nov17	as CofA expired 18may09
Ka-26	<b>77 061 15</b>	CCCP-24323	AFL/Privolzhsk	w/o	26jun86	MTOW exceeded when crash-landed near Dyurtyuli
Ka-26	<b>78 063 15</b>	HA-MPR	Dongó Kft.	canx	22nov17	as CofA expired 06mar08
Ka-26	<b>78 064 03</b>	HA-MPZ	Dongó Kft. n/t	canx	22nov17	as CofA expired 24nov11
Ka-29	---	RF-34193 ?	Russian Navy	photo	16dec17	coded "14" yellow; opb ve 72 AvB at Donskoye
Ansats-GMS	<b>33 071</b>	RA-20008		rgd	22dec17	ambulance helicopter
LA-8C	<b>002 ?</b>	3202	Iranian RGC Navy	photo	13dec17	in same c/s as RA-0778G (1); officially toc 13dec17
LA-8C	<b>01 12</b>	not known	not known	h/o	feb17	seen on the assembly line may16
LA-8C	<b>01 15</b>	not known	not known	ff	17dec15	h/o was planned for jan16
L-200D	<b>17 11 27</b>	HA-LDB	MALÉV Aero Club	canx	22nov17	as CofA expired 16jul10
L-200D	<b>17 11 30</b>	HA-LDC	Sky Miles	canx	22nov17	as CofA expired 05mar11
L-410UVP	<b>84 13 28</b>	UR-TWO	South West	RWN	dec17	not yet on the register 21dec17; ex UR-67102
L-410UVP-E17	<b>89 23 24</b>	HA-YFD	Budapest Air Service	canx	22nov17	as CofA expired 04mar05
L-410UVP-E	<b>89 23 39</b>	UP-L4103	Kazair West	GUW	27nov17	
L-410UVP-E	<b>90 24 03</b>	3B-NBF		rgd	29sep17	ex ZS-ATF
L-410UVP-E20	<b>31 03</b>	RA-67059(2)	Siberian Light Aviation	rgd	01dec17	ex OK-JPV
L-410UVP-E20	<b>31 06</b>	RA-67060(2)	Siberian Light Aviation	rgd	01dec17	ex OK-JPW
L-410UVP-E20	<b>31 12</b>	OK-JRA	Aircraft Industries	rgd	10nov17	canx 20dec17 as to Russia
L-410UVP-E20	<b>31 13</b>	OK-JRB	Aircraft Industries	rgd	12dec17	f/n UHE 15dec17
L-410	---	TR-KSS	Sudan Supreme	JUB	nov17	probably ex 5Y-SSA
PS-84	<b>184 15 07</b>	CCCP-I357	NKAP zavod # 18	dam	29nov42	right engine caught fire on t/o Chapayevsk; repaired
PS-84	<b>184 16 08</b>	not known	Soviet Air Force	w/o	29oct41	on a flight from Moscow to Kuibyshev, reason unknown
PS-84	<b>184 24 06</b>	no reg	NKAP zavod # 18	w/o	12may42	crashed into Mount Golaya aka Mount Shaitan
Mi-1U	<b>02 001</b>	"04"	DOSAAF-Kuznetsk	mfd	1959	t/t 1,164 hours by 01may65
Mi-1U	<b>03 002</b>	"09"	DOSAAF-Kuznetsk	mfd	1961	t/t 698 hours by 01may65
Mi-1U	<b>03 003</b>	not known	DOSAAF-Kazan	mfd	1959	t/t 916 hours by 01sep64
Mi-1U	<b>04 011</b>	not known	DOSAAF-Kazan	mfd	1960	t/t 665 hours by 01sep64
Mi-1U	<b>04 015</b>	"51"	DOSAAF-Buzuluk	mfd	1959	t/t 883 hours by 01jul65
Mi-1U	<b>04 026</b>	not known	DOSAAF-Kazan	mfd	1960	t/t 619 hours by 01sep64
Mi-1U	<b>05 003</b>	not known	DOSAAF-Kazan	mfd	1960	t/t 960 hours by 01sep64
Mi-1U	<b>05 009</b>	not known	DOSAAF-Kazan	mfd	1960	t/t 943 hours by 01apr65
Mi-1U	<b>06 029</b>	not known	DOSAAF-Kazan	mfd	1960	t/t 654 hours by 01sep64
Mi-1U	<b>09 003</b>	not known	DOSAAF-Buzuluk	mfd	1958	t/t 309 hours by 01apr65
Mi-1U	<b>10 017</b>	not known	DOSAAF-Buzuluk	mfd	1958	t/t 669 hours by 01apr65
Mi-1U	<b>11 009</b>	"11"	DOSAAF-Sverdlovsk	mfd	1958 ?	t/t 575 hours by 01mar64; probably wfu in 1978
Mi-1MU	<b>05 030</b>	CCCP-17776	AFL/North Kavkaz	toc	14dec61	rgd 27jan62
		CCCP-17776	AFL/North Kavkaz	trf	26jul72	dbr 21jan80; soc 22dec80
SM-1W	<b>WA 08 003</b>	03	Romanian Air Force	dbf	10mar66	details unknown; soc 06apr66; t/t 219 hours
SM-1W	<b>WA 08 004</b>	04	Romanian Air Force	sep95/dec17		stored Muzeul National al Aviatiei Romane,
SM-1Wb	<b>5 01 025</b>	"10"	DOSAAF-Buzuluk	mfd	1963	t/t 695 hours by 01apr65
SM-1Wb	<b>5 01 032</b>	"09"	DOSAAF-Buzuluk	mfd	1963	t/t 695 hours by 01apr65
SM-1Wb	<b>5 01 035</b>	"35"	DOSAAF-Kuznetsk	mfd	1963	t/t 626 hours by 01jul65
SM-1Wb	<b>6 01 008</b>	CCCP-17917	AFL/Urals	w/o	10aug66	during an auto-rotation landing in a forest; soc 14feb67
SM-2	<b>S2 03 016</b>	16	Romanian Air Force	mfd	23dec62	soc probably in 1975
SM-2	<b>S2 03 017</b>	17	Romanian Air Force	mfd	22dec62	soc probably in 1975
SM-2	<b>S2 04 029</b>	29	Romanian Air Force	sep10/dec17		stored Muzeul National al Aviatiei Romane
SM-2	<b>S2 04 030</b>	30	Romanian Air Force	mfd	29mar63	soc probably in 1975
Mi-2a	<b>56 1046 059</b>	N515VD	Stefenelli Aviation	rgd	30nov17	Stefenelli Aviation-TR Inc. Trustee of Attersee (Austria)
Mi-2	<b>52 1247 119</b>	CCCP-23847	AFL/Kazakhstan	dbf	23jun85	on a flight in Alma-Ata region when an engine failed
Mi-2	<b>54 5423 117</b>	RA-15762	not known	rgd	26mar14	current on register 23nov17; ex Air Force
Mi-2M	<b>54 7709 062</b>	"062" yellow	Rostvertol	Kub	25aug17	with additional 'Vertolyoty Rossii' titles
Mi-2	<b>54 7744 082</b>	HA-BGI	Kobo-Coop '96 Kft.	canx	22nov17	as CofA expired 29jun08
Mi-2	<b>52 8021 013</b>	HA-BFR	Friz-Air	canx	22nov17	as CofA expired 30jun06
Mi-2	<b>54 8315 083</b>	RA-15763	not known	rgd	26mar14	current on register 23nov17; ex Air Force
Mi-2	<b>54 9447 115</b>	UR-MSO	Motor Sich	rgd	10apr13	l/n Kharkiv-Korotych 19jun15; canx 15nov17
Mi-2	<b>52 9942 106</b>	UR-SUS	V.S. Ostapenko	rgd	16nov17	V.S. Ostapenko of Pervomaik; ex SP-FST
Mi-2	<b>5411038 109</b>	HA-BFY	Imre András	canx	22nov17	as CofA expired 30jun06
Mi-2AM-1	<b>5210207 047</b>	UR-AMI	O.M. Ponikarevych	rgd	13dec17	ex UR-EXM
Mi-2	<b>5210719 098</b>	UR-14100	Bora	rgd	21mar12	rgd 19aug15 to Avia-Styl of Yuvileine; canx 15nov17
Mi-4	<b>21 07</b>	CCCP-A31	AFL/MOW MAG SPiVS	mfd	1954	opb otdelnaya aviagruppa vozduzhnykh syomok
		CCCP-31431	AFL/Northern	rgd	1958 ?	soc 22sec69; c/n now known
Mi-4	<b>01 08</b>	CCCP-L84	AFL/Far East	mfd	1954	new documents issued 23sep55
		CCCP-31484	AFL/Sykyvkar	rgd	1958 ?	dbr 28may59 in the Komi republic; soc 26jun59
Mi-4	<b>06 13</b>	CCCP-L0552	AFL/Far East	toc	unknown	on charge as of 01oct55
		CCCP-31552(1)	AFL/Far East	rgd	1958 ?	soc 17mar72 as life-time expired
Mi-4	<b>05 14</b>	CCCP-L0551	AFL/Far East	toc	unknown	on charge as of 01oct55
		CCCP-31549(1)	AFL/Far East	rgd	1958 ?	soc 20jul73 as life-time expired
Mi-4	<b>03 17</b>	not known	Soviet Air Force ?	mfd	1955	
		CCCP-31457	AFL/Yakutiya	rgd	1958 ?	soc 12sep69 as life-time expired
Mi-4	<b>09 17</b>	CCCP-L85	AFL/Far East	toc	01oct55	new documents issued 23sep55
		CCCP-31485	AFL/Far East	rgd	1958 ?	soc 31dec71 as life-time expired
Mi-4	<b>06 20</b>	CCCP-L38	AFL/MOW MAG SPiVS	mfd	20sep55	new documents issued 26nov55; photo 22may56
		CCCP-31438	AFL/Northern	w/o	10oct62	on a aerial survey flight from Lovno; t/t 2,055 hours
Mi-4	<b>03 23</b>	CCCP-L52	AFL/East Siberia	mfd	24nov55	w/o 22may56; t/t 17 hours & 31 minutes; soc 05aug57
Mi-4A	<b>04 27</b>	CCCP-L91	AFL/West Siberia	toc	19mar56	
		CCCP-31491	AFL/Krasnoyarsk	rgd	1958 ?	soc 22nov73 as life-time expired

Mi-4A	05 28	CCCP-L99	AFL/Far East	toc	05jun56	opb 143 ATO
		CCCP-31499	AFL/Far East-Khm	trf	jan63	soc 26sep73 as life-time expired; c/n now known
Mi-4A	08 28	CCCP-L66 ?	AFL/East Siberia	toc	12may56	
		CCCP-31466	AFL/East Siberia	rgd	1958 ?	soc 24aug72 as life-time expired
Mi-4	07 29	CCCP-L92	AFL/West Siberia	mfd	24apr56	toc 14jun56; w/o 14jul56; t/t 31 hours; soc 23nov56
Mi-4A	03 31	CCCP-L0513	AFL/Far East	toc	06oct56	opb Magadanskaya aviagruppa
		CCCP-31513	AFL/Far East	trf	25may72	soc 24dec75 as life-time expired
Mi-4A	09 31	CCCP-L0504	AFL/Krasnoyarsk	toc	12oct56	
		CCCP-31504	AFL/Krasnoyarsk	rgd	1958 ?	soc 21nov74 as life-time expired
Mi-4A	01 34	CCCP-L0517	Aeroflot ?	mfd	jul56	
		CCCP-31517	AFL/West Siberia	trf	28sep59	soc 04jul72 as life-time expired
Mi-4T	01 56	CCCP-31421	AFL/Urals	mfd	27jun57	toc 25nov58; soc 01jul75 as life-time expired
Mi-4A	18 64	CCCP-31397	AFL/Urals	mfd	17apr58	toc 27jun58; dbr 21mar59; soc 17apr59
Mi-4A	11 65	CCCP-31411	AFL/Krasnoyarsk	toc	09sep58	soc 22sep78 as life-time expired
Mi-4A	17 66	CCCP-31496	AFL/Turkmenistan	toc	15apr60	soc 25oct78 as life-time expired
Mi-4A	03 69	CCCP-31497	AFL/Turkmenistan	trf	15apr60	soc 30jul77 as life-time expired
Mi-4A	02 73	CCCP-31481	AFL/Kazakhstan	toc	20apr60	soc 29aug77 as life-time expired
Mi-4A	18 73	CCCP-31574	AFL/Far East	toc	17jun59	destroyed during transportation by rail 24mar64; soc 14nov64
Mi-4A	19 73	CCCP-31575	AFL/Magadan	toc	20nov59	
		CCCP-31575	AFL/Urals	trf	22apr72	damaged 13aug74; soc 30nov78 as life-time expired
Mi-4A	03 74	CCCP-31579	AFL/Yakutiya	toc	07may59	soc 09apr74 as life-time expired
Mi-4A	20 74	CCCP-31587	AFL/East Siberia	toc	14may59	soc 30dec76 as life-time expired
Mi-4A	09 75	CCCP-31596	AFL/Kazakhstan	toc	may59	soc 28apr79 as life-time expired
Mi-4A	01 76	CCCP-66825	AFL/North Kavkaz	toc	20jun59	dbr, details unknown; soc 20jul61
Mi-4A	02 76	CCCP-66826	AFL/Urals	toc	03apr59	dbr, details unknown; soc 08mar60
Mi-4A	06 76	CCCP-66830	AFL/Georgia	toc	11jun59	
		CCCP-66830	AFL/Kremenchug FS	trf	14dec70	soc 20sep79 as life-time expired
Mi-4A	08 76	CCCP-66832	AFL/Northern	toc	jun59	
		CCCP-66832	AFL/Arkhangel.-Arv	trf	01jan73	soc 28mar77 as life-time expired
Mi-4A	06 77	CCCP-66836	AFL/Magadan	toc	aug59	
		CCCP-66836	AFL/West Siberia	trf	22feb73	soc 25oct78 as life-time expired
Mi-4A	02 79	CCCP-66866	AFL/Turkmenistan	toc	15aug59	soc 16aug79 as life-time expired
Mi-4ASP	11 85	CCCP-66913	AFL/Urals	mfd	08aug59	toc 30sep59
		CCCP-66913	AFL/Tyumen	trf	20feb67	soc 01jul75 as worn out
Mi-4A	19 88	CCCP-66920	AFL/Northern	toc	feb60	
		CCCP-66920	AFL/Arkhangelsk	trf	01jan73	soc 28sep76 as worn out
Mi-4A	11 119	CCCP-19157	AFL/Moscow SPiMVL	toc	20jan63	soc 21oct67 as time between overhauls expired
Mi-4A	06 186	CCCP-01831	AFL/Tyumen	toc	28mar67	rgd 04apr67; dbr 28feb73; soc 10apr73
Mi-4S	---	YE-AAV	Yemen Government	photo		one of 4 delivered in total
Mi-6A	72 08 54	2005	Vietnam Air Force	photo	2017	sat wfu at Bien Hoa with this fake serial
Mi-8T	80 25	RA-22640(1)	Strezhevoi Avn Enterprise	dbr	25oct94	etails unknown; soc 16apr96 and canx 15may96
Mi-8T	9 75 43 45	"44"	Soviet Air Force	mfd	1975	
Mi-8PPA	9 78 75 15	"01" yellow	Russian Air Force	Kub	oct17	preserved in the "Patriot" park at Kubinka
Mi-8	9 83 48371	RF-20432	Aerograd Kolomna	Krb	12sep17	in blue/silver c/s with titles
Mi-8MT	9 3258	RF-93623	Russian Air Force	photo	dec17	coded "337" yellow
Mi-8MT	9 4448	RF-92490	Russian Air Force	photo	dec17	coded "338" yellow
Mi-8MTV-1	9 5002	UR-CCM	Ukrainian Helicopters	rgd	28jan11	new CofR issued 20nov13; canx 15nov17
Mi-8MTV-1	9 5127	UR-HLA	Ukrainian Helicopters	rgd	01aug11	new CofR issued 03sep13; canx 15nov17
Mi-8MTV-1	9 5574	RA-25433	Vertikal-T ?	rgd	29dec15	tcnx between 23nov17 and 26dec17
Mi-8MTV-1	9 5973	RA-22183(2)	Vertikal-T	rgd	19nov08	canx between 23nov17 and 26dec17
Mi-8MTV-1	9 7441	RA-22596(2)	Argo	rgd	24nov17	
Mi-8MTV-1	9 7446	not known	Kamchatskiye Avialinii	mfd	2017	Kamchatskiye Avialinii
Mi-8MTV-1	9 7449	not known	Geliks	mfd	2017	
Mi-171	59489617596	58622	Pakistan Army	ZAH	18nov17	on return from overhaul; c/n checked !
Mi-171C	171C00076431901U	RA-22450(2)	not known	rgd	21jul16	canx between 23nov17 and 26dec17
Mi-171P	171P00784073403U	UR-CRE	Kroonk Airlines	rgd	20dec17	full c/n now is 171P 00 784 07 3403U; ex HK-4797
Mi-8AMT	8AMT00643177516U	RA-22663(2)	UUAZ	rgd	15dec17	
Mi-8AMT	8AMT00643177518U	RA-22783(2)	not known	rgd	19dec17	
Mi-8AMT	8AMT00643177519U	RA-22789(3)	not known	rgd	19dec17	
Mi-8AMT	8AMT00643177520U	RA-22801(2)	UTair	rgd	19dec17	in yellow/black/orange c/s; f/n OVB 23dec17
Mi-8AMT	8AMT00643177558U	RA-22802(2)	UTair	rgd	19dec17	
Mi-8AMT	8AMT00643177561U	RA-22806(2)	UTair	rgd	19dec17	f/n OMS 23dec17
Mi-8AMT	8AMT00643177562U	RA-22804(2)	UTair	rgd	19dec17	
Mi-171E	171E.....7582U	no code	primer	Uue	01dec17	prototype of the new Mi-171E
Mi-8AMT	8AMT00643177615U	RA-22663		rgd	15dec17	ex „715" white
Mi-8AMT	8AMT00643167634U ?	„150"	Rosgvardiya	mfd	2017	f/n OMS 04nov17, no titles
Mi-8AMT	8AMT00643167635U ?	„151"	Rosgvardiya	mfd	2017	f/n OMS 04nov17, no titles
Mi-8AMT	8AMT00643167636U ?	„152"	Rosgvardiya	mfd	2017	f/n OMS 04nov17, no titles
Mi-8AMT	8AMT00643167640U	"64" yellow	Russian Air Force	photo	nov17	
Mi-8AMT	8AMT00643167656U	RA-22700(2)	Skol	rgd	23nov17	ambulance helicopter
Mi-8AMT	8AMT00643177659U	RA-22703(2)	Yeltsovka	rgd	08dec17	ambulance helicopter
Mi-8AMT	8AMT00643177660U	RA-22720(2)	KrasAvia	mfd	08dec17	ambulance helicopter
Mi-8AMT	8AMT00643177665U	RA-22747(2)	Skol	rgd	21nov17	ambulance helicopter
Mi-171	..... 7652U	--	primer	Uue	01dec17	with 'glass' nose and flat loading ramp; for Vietnam
Mi-171A2	..... 0103U/...0105U	--	primer	Uue	01dec17	all three on the assembly line; with 'dolphin' nose

Mi-17V-5	<b>288M03</b>	G692	United Nations	dbr	28oct08	on a flight from Dalao to Danané
Mi-8MT	---	RF-95344	Russian Air Force	DYU	19dec17	h/o to the Tajik Air Force, probably for spares
Mi-8MT	---	RF-95541	Russian Air Force	OVB	13oct17	coded "333" yellow
Mi-171Sh	---	649	United Nations	DAC	26oct17	in full all-white UN c/s coded 'UNO-121'
Mi-8S	---	JU-2025	Tengeriin Ulaach	photo	jun15	faded code '52' still visible; the hulk sat at Tavan Tolgoi
Mi-8T	---	TN-357	Congo Air Force	photo		in dark green/dark brown camo c/s with light grey belly
Mi-8T	---	1308	Egyptian Air Force	photo	16oct73	later Israel AF; see on-line database for full story
Mi-8T	---	Z2453	Indian Air Force		17dec17	last flight of Indian AF Mi-8T at Bangalore-Yelahanka
Mi-8T	<b>20409</b>	JU-5566	A-Jet Aviation	dam	18apr13	c/n now known, ex JU5444
Mi-8MT	---	"34" red	Tajik Air Force	DYU	19dec17	with Red Stars and a Tajik Air Force badge
Mi-8MT	---	"35" red	Tajik Air Force	DYU	19dec17	with Red Stars and a Tajik Air Force badge
Mi-8MTV-1	<b>804M01</b>	UR-PAA	Ukraine	KBP	18jul14	canx 15nov17
Mi-8	---	"28" blue	Ukraine National Guard	Niz	06oct17	'Rescue Service' titles and a National Guard crest
Mi-24V	<b>220 711</b>	711	Hungarian Air Force	LED	22nov17	these four flew from Szolnok to Kecskemet end 2017
Mi-24V	<b>220 720</b>	720	Hungarian Air Force	LED	22nov17	and boarded An-124 RA-82047 22nov17 to LED
Mi-24P	<b>340 335</b>	335	Hungarian Air Force	LED	22nov17	and will be overhauled by 419 ARZ at Gorelovo
Mi-24P	<b>340 336</b>	336	Hungarian Air Force	LED	22nov17	
Mi-24V	---	"17" red	Tajik Air Force	DYU	19dec17	with Red Stars and a Tajik Air Force badge
M-20-03	<b>1AH 002-16</b>	SP-KAS	Egeria Sp.z.o.o	rgd	22jun07	l/n WRO 01dec12; canx 12oct17 as to Turkey
SW-4 Solo	<b>60 01 04</b>	SP-PSZ	AgustaWestland	Swd	19oct13	l/n Swidnik 12may16; canx 22nov17 as sold
RRJ-95B	<b>95 137</b>	RA-89099	Aeroflot	rgd	07dec17	h/o 19dec17 and ferried from ZIA to SVO the same day
RRJ-95LR	<b>95 139</b>	RA-89101	Aeroflot	rgd	28nov17	h/o 07dec17 and ferried from ZIA to SVO the same day
RRJ-95B	<b>95 142</b>	RA-89103	Aeroflot	rgd	21dec17	ferried from ULY to ZIA 12oct17
RRJ-95B	<b>95 144</b>	RA-89104	Aeroflot	rgd	21dec17	ferried from ULY to ZIA 01nov17
RRJ-95B	<b>95 151</b>	89109	primer	fff	28nov17	
RRJ-95LR-100	<b>95 152</b>	89096	primer	fff	dec17	ferried via OVB to ULY 12dec17
RRJ-95	<b>95 153</b>	89095	primer	fff	14dec17	
RRJ-95LR-100	<b>95 154</b>	97011(6)		fff	22dec17	33rd RRJ to make its maiden flight in 2017
Tu-154M	<b>91A882</b>	RA-85707	Yakutiya	MRV	17aug14	and b/u nov14; canx between 23nov17 and 26dec17
Tu-204-300	<b>1450742864045</b>	RA-64045	Roskosmos	rgd	20oct16	canx between 23nov17 and 26dec17 !
Tu-204-100	<b>145074 . . 64056</b>	RA-64056	RusAir	d/d	21dec17	ULY-LED; Tu-204-100V; l/n LED 22dec17, no titles
Tu-214PU	<b>030</b>	64530	primer ?	fff	02dec17	Tu-214PU-SBUS (airborne command post)
PZL-101A	<b>10 7 199</b>	HA-SBA	Magyar Repülő Szöv	canx	22nov17	as CofA expired 12jul08
PZL-101A	<b>10 7 234</b>	HA-SBH	Magyar Repülő Szöv	canx	22nov17	as CofA expired 07jun12
PZL-101A	<b>11 9 292</b>	HA-PYC	Kobo-Koop '96 Kft.	canx	22nov17	as CofA expired 16apr11
Yak-18T	<b>7 20 15 13</b>	HA-YAL	Kobo-Coop '96 Kft.	canx	22nov17	as CofA expired 15nov07
Yak-18T	<b>8 20 09 16</b>	HA-HUG	Kobo-Coop '96 Kft.	canx	22nov17	as CofA expired 17apr09
Yak-18PM	<b>72 02 09</b>	"19" yellow	DOSA AF	Kck	1974	opb TsAK im. Chkalova; in standard c/s
Yak-18T	<b>22202044635</b>	UR-DIK	O.O. Astankov	rgd	10dec13	canx 15nov17
Yak-40K	<b>9 81 11 57</b>	RA-87953	Intl Club of Adv.	LPK	15may17	canx between 23nov17 and 26dec17
Yak-42D	<b>452042 10 14 543</b>	RA-42379	Izhavia	DME	24jul17	l/n DME 20aug17
ARJ21-700	<b>108</b>	B-001S	COMAC	fff	01nov17	
ARJ21-700	<b>110</b>	B-001T	COMAC	fff	22nov17	in primer
AG600	<b>001</b>	B-002A	AVIC	fff	24dec17	
H6K	---	10092	Chinese Air Force	photo	nov17	8th Division/22nd Regt
H6K	---	20116	Chinese Air Force	photo	dec17	10th Div/28th Regiment
H6K	---	41072, 78 &, 79	Chinese Air Force	photo	nov17	all three 36th Div/108th Reg
PT-6	---	2703 & 2712	Bangladesh Air Force	DAC	12dec17	both in yellow c/s with red trim; a reseried aircraft ?
PT-6	---	2704 & 2711	Bangladesh Air Force	DAC	07dec17	both in yellow c/s with red trim; a reseried aircraft ?
Y5	---	53512	Chinese Air Force		nov17	Transport Regiment Western TC
Y8T	<b>41 18 01</b>	30275	Chinese Air Force	photo	aug17	C3I aircraft, version not confirmed; 26th Div/76th Reg
Y8C	---	6012	Chinese Air Force	photo	nov17	15th ABC
KJ500	---	30073	Chinese Air Force	photo	nov17	26th Div/77th Reg
KJ200	---	30572	Chinese Air Force	photo	dec17	26th Div/78th Reg; Y8 'Balanced Beam' Elint version
KJ200	---	30573	Chinese Air Force	photo	nov17	26th Div/78th Reg; Y8 'Balanced Beam' Elint version
Y9	---	10250	Chinese Air Force	photo	dec17	4th Div/10th Reg

The Interior Troops (VV) of the Russian Ministry of the Interior (MVD) became the Russian National Guard (Rosgvardiya) on 15 April 2016. This new force is no longer part of the MVD, but is directly subordinated to the administration of the president. One helicopter has already been spotted with Rosgvardiya titles, the other aircraft are still without titles, but are supposed to receive titles as well in the future. All known (some 140) aircraft and helicopters are mentioned as such now in the on-line database.

AS355	?	RF-29010	An-12BK	<b>8 34 57 07</b>	RF-12042
An-12BK	<b>9 34 66 10</b>	RF-12043	An-26	<b>15 01</b>	RF-56307
An-26	<b>32 06</b>	RF-56301	An-26	<b>47 01</b>	RF-56302
An-26	<b>66 01</b>	RF-36174	An-26	<b>76 01</b>	RF-56303
An-26	<b>82 08</b>	RF-56308	An-26	<b>83 07</b>	RF-56304
An-26	<b>87 05</b>	RF-56305	An-26	<b>115 04</b>	RF-56310
An-72	<b>36572020375</b>	RF-72907	An-72	<b>36572040560</b>	RF-72922
An-72	<b>36572060590</b>	RF-72924	An-72	<b>36572090801</b>	RF-72946
An-72	<b>36572094884</b>	RF-72976	An-72	<b>36572095908</b>	RF-72979
Il-76M	<b>00134 31945</b>	RF-76328	Il-76M	<b>00134 32966</b>	RF-76329
Il-76MD	<b>00934 92766</b>	RF-86925(2)	Il-76MD	<b>00934 95874</b>	RF-76802
Il-76MD	<b>00934 95927</b>	RF-76803	Il-76MD	<b>00934 95931</b>	RF-76804
Il-76MD	<b>10934 04143</b>	RF-76826	Il-76MD	<b>10934 04151</b>	RF-76827
Il-76MD	<b>10934 05164</b>	RF-76828	Il-76MD	<b>10934 05172</b>	RF-76829
Mi-8T	<b>79 71</b>	RF-34286	Mi-8T	<b>82 15</b>	RF-34290

Mi-8T **82 16**  
 Mi-8T **84 37**  
 Mi-8T **85 27**  
 Mi-8PS-7 **86 76**  
 Mi-8T **9 87 30890**  
 Mi-8T **9 89 43928**  
 Mi-8MTV-2 **9 4947**  
 Mi-8MTV-2 **9 5275**  
 Mi-8MTV-2 **9 5323**  
 Mi-8MTV-2 **9 5325**  
 Mi-8MTV-2 **9 5330**  
 Mi-8MTV-2 **9 5342**  
 Mi-8MTV-2 **9 5365**  
 Mi-8MTV-2 **9 5367**  
 Mi-8MTV-2 **9 5386**  
 Mi-8MTV-2 **9 5392**  
 Mi-8MTV-2 **9 5397**  
 Mi-8MTV-2 **9 5469**  
 Mi-8MTV-2 **9 5472**  
 Mi-8MTV-2 **9 5476**  
 Mi-8MTV-2 **9 6160**  
 Mi-8MTV-2 **9 6166**  
 Mi-8MTV-2 **9 6590**  
 Mi-8MTV-2 **9 6596**  
 Mi-8MTV-2 **9 6647**  
 Mi-8AMT-1 **8AMT016430944 . U ?**  
 Mi-8AMT **8AMST00643157579U**  
 Mi-8MTV-2 ---  
 Mi-24P **3532433420113**  
 Mi-24P **3532432623201**  
 Mi-24P **3532432825172**  
 Mi-24P **3532432826156**  
 Mi-24P **066 345**  
 Mi-24P **066 347**  
 Mi-26 **34001212420**  
 Mi-26T **34001212469**  
 Mi-26T **34001212518**  
 Mi-26T **34001212520**  
 Mi-26T **34001212527**

RF-34287  
 RF-34297  
 RF-34236  
 RF-94992(1)  
 RF-28970  
 RF-28969  
 RF-34229  
 RF-34238  
 RF-34255  
 RF-34274  
 RF-34300  
 RF-34243  
 RF-34258  
 RF-34299  
 RF-34289  
 RF-34246  
 RF-34248  
 RF-34276  
 RF-34223  
 RF-34234  
 RF-34254  
 RF-34263  
 RF-34270  
 RF-34272  
 RF-34312  
 RF-34321  
 RF-91899  
 RF-34320  
 RF-34326  
 RF-92576  
 RF-90824  
 RF-13006  
 RF-34328  
 RF-34330  
 RF-17553  
 RF-17555  
 RF-17559  
 RF-17551  
 RF-17550

Mi-8PS **82 18**  
 Mi-8T **85 25**  
 Mi-8PS-7 **86 63**  
 Mi-8PS-7 **87 01**  
 Mi-8T **9 89 43893?**  
 Mi-8MTV-2 **9 4927**  
 Mi-8MTV-2 **9 4948**  
 Mi-8MTV-2 **9 5284**  
 Mi-8MTV-2 **9 5324**  
 Mi-8MTV-2 **9 5327**  
 Mi-8MTV-2 **9 5338**  
 Mi-8MTV-2 **9 5364**  
 Mi-8MTV-2 **9 5366**  
 Mi-8MTV-2 **9 5381**  
 Mi-8MTV-2 **9 5391**  
 Mi-8MTV-2 **9 5395**  
 Mi-8MTV-2 **9 5468**  
 Mi-8MTV-2 **9 5470**  
 Mi-8MTV-2 **9 5475**  
 Mi-8MTV-2 **9 6159**  
 Mi-8MTV-2 **9 6164**  
 Mi-8MTV-2 **9 6190**  
 Mi-8MTV-2 **9 6591**  
 Mi-8MTV-2 **9 6646**  
 Mi-8AMT **8AMST00643073506U**  
 Mi-8AMT **8AMST00643147505U**  
 Mi-8MT ---  
 Mi-8PS ---  
 Mi-24P **3532433420248**  
 Mi-24P **3532432623213**  
 Mi-24P **3532431825371**  
 Mi-24P **066 344**  
 Mi-24P **066 346**  
 Mi-26 **34001212419**  
 Mi-26T **34001212468**  
 Mi-26T **34001212517**  
 Mi-26T **34001212519**  
 Mi-26T **34001212526**  
 Mi-26T **066 215**

RF-34225  
 RF-34219  
 RF-94995(1)  
 RA-27080  
 RF-34284  
 RF-34228  
 RF-34230  
 RF-34242  
 RF-34256  
 RF-34220  
 RF-34251  
 RF-34244  
 RF-34308  
 RF-34309  
 RF-34275  
 RF-34247  
 RF-34222  
 RF-34233  
 RF-34224  
 RF-34253  
 RF-34231  
 RF-34278  
 RF-34271  
 RF-34311(1)  
 RF-34311(2)  
 RF-91897  
 RF-34249  
 RF-94994(2)  
 RF-34322  
 RF-92577  
 RF-13005  
 RF-34327  
 RF-34329  
 RF-17552  
 RF-17554  
 RF-17556  
 RF-17557  
 RF-17558  
 RF-17560

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RRJ-95B **95 011**  
 Tu-134A-3 **63985**  
 Tu-134UBL **64615**  
 Tu-154M **91A888**  
 Tu-154M **92A922**

RF-89151  
 RF-65912  
 RF-66049  
 RF-85136(3)  
 RF-85135(2)

Tu-134A-3 **63690**  
 Tu-134A-3 **66300**  
 Tu-154B-2 **82A565**  
 Tu-154M **92A917**  
 Yak-40K **9 64 12 51**

RF-65990  
 RF-65553  
 RF-85565  
 RF-85735  
 RF-88301

## PH register

### Reservations:

PH-CYP Pilatus PC-12	<b>1687</b>	SMT Shipping	Ex HB-FWE. Seen at Stans, 20 December 2017.
PH-EBR Falcon 900	<b>30</b>	ExxAero BV	Ex N707FJ.
PH-FCF Socata TB-20 Trinidad	<b>957</b>	Air Waterland	Ex EC-FCF, F-GKUJ.
PH-JDK Lambert Mission 212	<b>002</b>		Ex PH-JDK.
PH-OMP Piper PA-28-181	<b>28-7890124</b>	Dynamic Aviation	Ex G-EOMP, D-EOMP.
PH-SLC Vulcanair P68 Observer	<b>466-36/OB2</b>	Slagboom & Peeters	Delivered to Teuge as OY-ILS, 22 November 2017.
PH-XXI Fokker DXXI replica	<b>5502-1</b>	J. Egmond	
PH-1599 PZL Bielsko SZD-48-1	<b>W-895</b>	E. Munk	Ex OO-ZMR. Restoration project.

### Additions, corrections and news:

PH-DMS Fokker 50	<b>20209</b>	08917 13mar17	To 5Y-JWX.
PH-DWM Mooney M20K-231	<b>25-0027</b>	08334 16mar17	To F-GRDL.
PH-END Bolkow 208A Junior	<b>515</b>	06016 06jan12	To I-B164.
PH-FCB Cameron A-415	<b>10843</b>	06891 31may17	To 4X-BNI.
PH-FLA Aerospool Dynamic WT9	<b>DY-392</b>	07675 30mar16	To F-WVXG, F-HVXG.
PH-GVH Lancair Super ES-DD	<b>206</b>	07513 03aug17	To C-FCRA.
PH-HBG Lindstrand LBL Lion	<b>1026</b>	07952 21apr17	To N625LL.
PH-JEG Cirrus SR22gts	<b>1415</b>	06869 10may17	To N452JG.
PH-JMC Cessna 305C Bird Dog	<b>0020</b>	08731 30mar16	To TF-TBO.
PH-KED Piper PA-23-250	<b>27-7305116</b>	02038 17mar17	To F-HKHZ.
PH-MEC Piper PA-38-112	<b>38-79A0764</b>	05298 09apr14	To LZ-MEC.
PH-MPQ Boeing 747-412SF	<b>24975</b>	08148 02feb17	To N223BA.
PH-NIJ Cameron A-160	<b>4819</b>	05923 30mar17	To F-HNIJ.
PH-ONK Cirrus SR22T	<b>164</b>	07739 01feb17	To D-EMLF.
PH-RDD Cameron A-300	<b>3710</b>	05388 11apr17	To 4X-BNH.
PH-RPS Bolkow 105C	<b>S-355</b>	02918 06jan12	To UP-EC103.
PH-RUD Cessna F150M	<b>1163</b>	02263 25sep15	On display in Kootwijkerbroek as off 08 July 2017.
PH-SEW Robinson R22 Beta	<b>4131</b>	07254 12may17	To D-HELY.
PH-VOS Cessna F150L	<b>F15001092</b>	02162 19may17	To OM-VOS.
PH-WPS Colt 77A	<b>2045</b>	07531 10mar17	To SP-BBR.
PH-4P9 Pipistrel Virus SW 100	<b>386 VSW 100</b>	09455 15may17	Ex I-A747.
PH-4Q3 Blackshape Prime BS100	<b>BPU 026</b>	09468 17may17	Ex I-X010, I-B176.
PH-4Q6 Tecnam P92 Echo Super	<b>1011</b>	09661 01aug17	Ex I-8677.
PH-4Q7 Aerospool Dynamic WT9	<b>DY231/2008</b>	09618 29jun17	Ex D-MSSN.
PH-4Q8 Magnaghi M24 Orion	<b>24170684</b>	09652 17jul17	Ex D-MFLC.
PH-1587 Rolladen-Schneider LS 4-a	<b>4836</b>	09422 04may17	Ex D-4297.
PH-1591 Schleicher ASW 27	<b>27118</b>	09387 07apr17	Ex G-CJRH, BGA4716
PH-1593 Hoffmann H-36 Dimona	<b>36225</b>	09526 30may17	Ex F-CGAP, F-WGAP.

Credits: Airnieuws.nl, Henk Wadman, Roy Wassink, Stephan Widmer.



This brand new PC-12/47E with registration PH-CYP and c/n 1687 awaits its upcoming delivery to its new owner SMT Shipping in The Netherlands. The temporary Swiss stickerregistration as well as the black stripe overhead the Dutch registration will be removed shortly before its delivery flight. (Stans-Buochs, 20 December 2017, Stephan Widmer)

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Despite the fact that it went economically better in 2017, a number of major airlines went bankrupt. German carrier Air Berlin did not reach the end of the year taking some subsidiaries with them like Belair and Niki. One of the main hubs was Dusseldorf where Airbus A321 D-ABCQ was seen. (17 September 2017, Walter Heukensfeld)



Russian carrier VIM Airlines was also one of them. They had a large variety of aircraft types in the fleet including the A330. VQ-BMI was seen at Antalya on 30 August 2017 by Ton Jochems.



The Luton-based British charter and low-cost airline Monarch Airlines ceased operations at 2 October 2017. It was one of the oldest and largest charter companies in the United Kingdom. On the pictures you can see some of their aircrafts at Manchester in better times. (3 April 2016, Rob Skinkis)

# Wrecks & Relics



The storage/dump of IAR93s at Craiova has largely been cleared. Only a few remain including this IAR93DC 605 (3 December 2017, Erwin van Dijkman)

## Netherlands

Overloon  
(36) C-47A G-DAKK, stored **9798** dec17  
The former French Navy Skytrain arrived on 7 December from Weeze at the Oorlogsmuseum. The aircraft is currently unpainted.

Teuge  
8706 MiG-21MF preserved, ex Poland **968706** dec17  
The auctioned Oostvoorne MiG-21 had arrived at the Skydeck hangar on 6 December. Mi-2 94+62, which was also auctioned at Oostvoorne, is reported to have gone to the Eindhoven area.

## Denmark

Bjerringbro  
Draken A-008 (ex Randers) should have been scrapped here in December 2017. Earlier this year the rear fuselage and tail of T-33A DT-492 were scrapped. Only the forward fuselage remains at the Karup museum.

Stauning  
S-134 Lynx Mk90B expected **425** 17  
64-629 Firefly TT1 SE-CAW, PP392, **F6121** dec17  
The restoration of the Firefly is completed and the aircraft is now on display in Danish colours. The last operational flight of a Danish Lynx was in December. S-134 is allocated to the Danmarks Flymuseum.

Værløse  
A-002 F-35 stored, ex Jonstrup **351017** mar17  
DT-884 T-33A (OY-TBB), expected **6668** 18  
S-134 Lynx Mk80 stored **134** mar17  
S-249 Lynx Mk90B stored **434** may17  
A new museum will be set up at the base. All are currently stored for this museum. Lynx S-249 will be used to restore S-134. When the museum will open there will be two Danish Lynx with serial S-134 on display, one here and at one Stauning. Note that the old Lynx Mk90 S-249 (c/n 249), which was dumped at Karup, has been scrapped in 2017.

## Germany

Donaueschingen (BW)  
(38 red) An-2R HA-EKS, ex Ukraine **1G263-13** nov17  
The Antonov lives in the first hangar when you arrive at the airfield.

## France

Bordeaux (33)  
63/30-FJ Mirage F1C preserved, ex Rochefort jun17

The Mirage is on base with Détachement Air 204 at the military barracks. This is the same location where CM170 160 is at the gate (N44.82886, W0.62883).

Domazan (13)  
BA33 Mirage 5BA preserved, ex Belgium **33** 2017  
517 Lim-5 preserved, ex Poland **1C-0517** 2017  
These two aircraft are now preserved at the Château de Bosc (www.chateau-de-bosc.com, at N43.94738, E4.66806). They came from Savigny.

Lyon Corbas (69)  
Alpha Jet E145/8 (in Patrouille de France colours) is listed on the Espace Aéro Lyon Corbas collection website as a new acquisition. It still has to arrive from Tours.

Rochefort Saint Agnant (17)  
2 Super Etendard instructional **2** jul17  
10 Super Etendard instructional **10** jul17  
52 Super Etendard instructional **58** jul17

All three are now with the school at Base Aérienne 721.

Rouxmesnil Bouteilles (73)  
(210) MD312 F-AZEO, stored **210** jul17  
PSM Metal Polish is using aircraft parts for art objects, The Flamant (ex Saint Yan) is stored outside (N49.91354, E1.096967) together with CASA 212 TJ-AGH and SN601 F-BVPB. Expected is Falcon 50 F-HAIR.

Saint Victoret (13)  
1601/SDT Alouette 2 preserved, ex Warluis **1601** jun17  
The Alouette has been added to the Musée de l'Aviation.

Saint Mars de Désert (44)  
(452) An-2T F-AZHB, stored **17309** jun17  
On 15 June 2008 this former East German An-2 overturned during landing at Lognes. It arrived at Saint Mars de Désert on 21 October 2011 and is used by the Les Ailes de l'Ouest to restore An-2 HA-MEP.

## Italy

Roma (RM)  
MM5019N/6-18 SH-3D stored, ex Catania **6016** nov17  
(MM6330)/32-30 G91T/1 stored **60** nov17  
(MM6355)/60-55 G91T/1 stored **85** nov17  
MM6432/60-82 G91T/1 stored **113** nov17  
MM6436/60-86 G91T/1 stored **117** nov17  
(MM6443)/32-11 G91Y stored, front fuselage **2005** nov17  
(MM6789)/37-02 F-104S-ASA stored, tail from MM6524 **1089** nov17  
(MM6797)/5-36 F-104S-ASA stored, tail from MM6845 **1097** nov17  
(MM6833)/5-22 F-104S-ASA stored, tail from MM6820 **1133** nov17  
(MM6845)/5-11 F-104S-ASA stored, tail from MM6809 **1145** nov17  
(MM6922)/5-04 F-104S-ASA stored, tail from MM6559 **1222** nov17



(MM6946)/37-06	F-104S-ASA	stored	<b>1246</b>	nov17
MM25173/GF-03	P166DL-3	stored	<b>493</b>	nov17
MM25174/GF-04	P166DL-3	stored	<b>494</b>	nov17
MM80211/CC-10	AB47J	stored	<b>1119</b>	nov17
MM81000/GF-76	NH500MC	stored, cabin	<b>11-0262</b>	nov17
MM81076/7-31	AB212ASW	stored, plus 3 more	<b>5140</b>	nov17
MM81111/6-26	SH-3D	stored, ex Catania	<b>6038</b>	nov17
MM81112/6-27	SH-3D	stored, ex Catania	<b>6046</b>	nov17
MM81113/6-28	SH-3D	stored, ex Catania	<b>6047</b>	nov17
MM81114/6-29	SH-3D	stored, ex Catania	<b>6048</b>	nov17
MM81115/6-30	SH-3D	stored, ex Catania	<b>6049</b>	nov17
MM81116/6-31	SH-3D	stored, ex Catania	<b>6050</b>	nov17
MM81185/6-34	SH-3D	stored, ex Catania	<b>6065</b>	nov17
MM81186/6-35	SH-3D	stored, ex Catania	<b>6066</b>	nov17
MM81200/6-37	SH-3D	stored, ex Catania	<b>6068</b>	nov17
MM51-6576/SST-1 T-33A		stored	<b>5908</b>	nov17
MM52-7395/3-12	RF-84F	stored		nov17
MM53-6733/50-28	F-84F	stored		nov17

The Bentivoglio yard received a number of helicopters from Catania.

#### Prática de Mare (RM)

PS-29	AB206A-1	stored	<b>9045</b>	apr17
PS-84	AB206B-3	stored	<b>8724</b>	apr17

The two helicopters appeared at a corner of the Polizia ramp (N41.66855, N12.44424). In October 2016 they were still stored at Ciampino.

#### Rivolto (UD)

MM54542/5	MB339A/PAN	preserved	<b>6763</b>	dec17
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The MB339 is preserved in the 313°Gruppo area.

#### Vigna di Valle (RM)

MM8669/239-5	Re2002	preserved	<b>124</b>	oct17
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The Ariete has been placed on public display after its restoration at Lecce. Br1150 MM40118/41-03 made its last flight on 22 November to Prática de Mare and will be trucked to the museum in the near future.

### Norway

#### Bardufoss

The base plans to preserve SAAB 91 324 on a pole. It has already been removed out of its shelter and parked next to the preserved Lynx 237.

#### Bodø

337	SAAB 91B-2	LN-LMU, restoration	<b>91337</b>	dec17
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The SAAB has been removed from the Norsk Luftfartsmuseum and is now in a hangar at the military base. It is under restoration to become airworthy again. Its new civil registration was reserved on 23 October.

#### Kjeller

61762/72	CJ-6A	G-CGFS	<b>4532008</b>	oct17
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The Nanchang arrived in Norway on 23 October. Its home base is not yet known, but as the owner lives 4 kilometers from Kjeller this airfield looks like a good option. The aircraft used to be at Bagnoles de l'Orne in France.

#### Ørland

136	F-5B	stored, ex Nordkisa	<b>N9014</b>	nov17
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The F-5 is stored on the base.

#### Oslo Gardermoen

818	CF-104	preserved, cockpit	<b>1118</b>	dec17
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The cockpit (ex Kjeller) arrived on 5 December at the Forsvarets Flysamling.

### Poland

#### Gierłoż (WMZ)

97	TS-11	801, preserved	<b>1H-0801</b>	aug17
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637	Lim-6R	preserved	<b>1J-0637</b>	aug17
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All aircraft have gone from Warsaw Rembertów. Two are now parked outside a miniature park at N54.08173, E21.51475.

#### Konstancin Obory (MAZ)

(86+19)	Bo105P	SP-YBO	<b>6019</b>	nov17
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A former Celle storage Bo105 is now at this private airfield.

### Romania

#### Bacau

35	MiG-29	stored	<b>36075</b>	nov17
49	MiG-29	stored	<b>32049</b>	nov17

Five MiG-29s were transferred from Mihail Kogălniceanu to here, three have been identified and sit in revetments on the south eastern side of the airfield. They are stripped for spares for Poland.

#### Bucarest

05	IAR822B	stored		dec17
04	SM-1	stored	<b>WA08004</b>	dec17
29	SM-2	stored	<b>S204029</b>	dec17
38	Yak-18	stored		dec17

Although many people have been to the Muzeul Aviatiei, the above four were recently discovered in poor condition in a shed at N44.47609, E26.10966 and have not been reported for a long time.

### Turkey

#### Izmit

According to the MKE scrapyards (N40.71470, E29.89590) they scrapped the following Phantoms in December: F-4E 66-0292, 66-0303, 66-0304, 66-0305, 66-0309, 66-0314, 66-0355, 67-0215, 67-0227 (sprayed number 0307), 67-0304, 670338, 68-0350, 68-0383, 68-0427, 697453, RF-4E 69-7455, 69-7488, 69-7510, 69-7521 (sprayed number 7484). One more F-4 remains unknown. The two sprayed numbers update Scramble 456.

### United Kingdom

#### Chard, Somerset

XZ597/M	Sea King HAR3		<b>WA863</b>	dec17
ZF122/V	Sea King HC4		<b>WA969</b>	dec17
XT761	Wessex HU5		<b>WA483</b>	dec17
XT771/PO-620	Wessex HU5		<b>WA553</b>	dec17
XJ729	Whirlwind HAR10 (G-BVGE)		<b>WA100</b>	dec17

Several helicopters can be found in a purpose-built building at the Chard Equestrian Centre (Higher Purtington Showfield). The Sea Kings both arrived from Colsterworth on 6 December 2017.

#### Enstone, Oxfordshire

XX764	Jaguar GR1	restoration	<b>S61</b>	nov17
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A Jaguar is undergoing restoration here. It arrived from Woodmancote on 22 September 2017.

#### Farnborough, Hampshire

ZD280	Lynx AH7	preserved	<b>302</b>	dec17
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The Farnborough Air Sciences Trust (FAST) took delivery of a Lynx from Middle Wallop on 5 December 2017.

#### Hooton Park, Cheshire

WH132/J	Meteor T7	preserved		oct17
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A Meteor arrived here from Leconfield on 5 October 2017.

#### Long Kesh, Northern Ireland

WF122/CU-575	Sea Prince T1	preserved	<b>P57/0018</b>	oct17
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The Ulster Aviation Museum took delivery of a Sea Prince from Doncaster on 13 October 2017.

#### North Weald, Essex

XR537	Gnat T1 (G-NATY)		<b>FL548</b>	dec17
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A Gnat left Bournemouth by road on 11 December 2017.

#### St Athan, Wales

Hunter T7 XL612/T left here on 11 December 2017 for a museum in France.

#### RAF Woodvale, Lancashire

XX247	Hawk T1	preserved		nov17
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A Hawk arrived here from storage at RAF Shawbury on 28 November 2017 for preservation, replacing the departed Jet Provost T5A XW420 mentioned last month.

**Credits:** Stu Carr, Howard Curtis, Per Pedersen, Pieter Plomp, Norman Male.

# Warbirds



For almost 55 years AVRO Lancaster KB882 has been on display in the open, serving as a landmark in Edmundston, near the border between Quebec and New Brunswick. In Scramble 331 we announced that the aircraft's future was finally being secured. City officials of Edmundston had voted to transfer their aging Lancaster bomber to the National Air Force Museum in Trenton. There the bomber was going to be restored to static condition. KB882 was one of 430 Lancasters built at Malton (Ont). It flew eleven missions near the end of the war, and was then returned to Canada to serve with the Royal Canadian Air Force. On this photo taken at Edmundston by Alexander Lutz on 24 August 2017, nothing has happened yet. Since then KB882 has been dismantled and trucked to Trenton where the various components had arrived by early November.

## Netherlands

In Scramble 462 we reported on Vickers Supermarine Spitfire Mk.XVIe TB885 (**CBAF.10917**) which is owned by Dutchman Frits van Eerd. On 5 December it was taken up in the British registry as G-CKUE. The fighter flew with No.322 (Dutch) squadron RAF and is already finished in its historic colours with original squadron code 3W-V. The fuselage was mated to its port wing in Biggin Hill's workshop on 21 December.

## Australia

Recently Reeves announced that it has acquired a genuine North American B-25D-20 Mitchell, USAAF 41-30816 (**87-8981**). This bomber was assigned to 18 Sqn NEIAF as N5-161, entering service on 24 September 1943. N5-161 was adorned with the name 'Mississippi Dream' which was painted on the port side under the cockpit. The name is a likely reference to the Jackson, Mississippi airfield, where the Royal Netherlands Military had a flying school unit located. From this base, aircrews were trained to fly the B-25 Mitchell before being sent to Australia or UK for combat operations. It is known that 'Mississippi Dream' suffered a nose gear collapse landing at Drysdale Airfield on either 7/8 December 1943. The aircraft was reported to have suffered extensive damage but luckily the crew were not injured. It was considered to be unrepairable and written off. After removal of the cockpit instruments, engines and other useful airframe components, the empty hulk was left to rot near the end of the Drysdale runway. Reeves finally acquired the remains in late 2017 and brought them to South Australia. The aircraft will be used for patterns and eventually be displayed in a -as found condition- diorama.

## Denmark

A reservation for the registration OY-FUD was made for a Noordduyn built AT-16 Harvard IIB (**14-486**) on 6 December. The Harvard has an interesting history as it served the RCAF as FE752 before going to Sweden. The Swedes have their own designation system and that is why they called it an Sk16A. It carried the military serial Fv16068, until it was taken up in the Swedish Air Force Heritage Flight as SE-FUD. Obviously the Harvard is now destined for Denmark where Mr. Søren Andersen of Lunderskov will become the new owner.

## France

The airport of La Baule is the base of an organisation called the Musée Aéronautique Presqu'île Côte d'Amour, for which we prefer the abbreviation MAPICA. The volunteers of this museum have made good progress in the restoration of a North American NA-64-P2 Yale, N4574Y (**64-2214**). The trainer is a former Canadian (RCAF 3450) which restoration was initiated by the Commemorative Air Force in Harlingen/Midland (TX). CAF owned the aircraft from 1983 to 2008. N4574Y will be finished in the colours of '112', an original French Yale, which was assembled in Escoublac in early 1940.

## Germany

Meier Motors achieved another milestone on 22 November! On this day their beautiful Fiat G.59-4B project D-FIAT made its first flight after a long period of time. Everything worked fine and the aircraft was landed safely by chief pilot Achim Meier after a quick round over the Rhine valley. After the usual sequence of test flights D-FIAT will be handed over to its new private owner also at Bremgarten. This trainer was built in 1950 and flown by the Italian Air Force as MM53278 with code RS-25. After its service life had ended, it was acquired by Australian Guido Zuccoli who sent the plane to the USA. It was restored to flying condition as NX59B by Sanders Aeronautics and named 'Ciao Bella'. The Fiat was then shipped to Australia and flown by the Zuccoli family as VH-LIX until October 2015. It was then sold to a new, now German, owner.

It is still eighteen months ahead, but nonetheless worth mentioning: the Berlin Airlift 70 commemoration in June 2019. More than 25 owners of historic propliners (mainly Dakotas) have expressed their intention of being part of this event. The unique fleet of historic aircraft will be present at fly-ins at Wiesbaden (10-12 June 2019), Fassberg (12-15 June) and finally Berlin (15-18 June). Of course the organisers hope the participation of the world's only flying C-97 'Angel of Deliverance'.

## United Kingdom

On 24 November two-seater Hispano HA-1112-M4L Buchon G-AWHC (**40/2**) made its first post-restoration flight from Sywell. After all the hard work put in by Air Leasing Ltd, it was the first flight of this aircraft since October 1968. As

most of you may know, this aircraft was flown with the same British registration during the filming of the 'Battle of Britain' cinema movie as Luftwaffe '11 rd'. After the filming ended, the aircraft was acquired by American Connie Edwards as payment for his flying activities. Registered as N1109G it was shipped to the USA in February 1969 and stored ever since. It returned to Sywell this year and regained its original British registration 12 June. During the restoration a newly constructed Bf109 'greenhouse' style canopy was installed with the primary reason being occupant safety. The original Hispano 'blown' type cockpit has no ability to jettison and also significantly reduces the roll-over protection for pilot and passenger. This original installation, therefore, would not be acceptable for passenger carrying, in the UK, due to the increased risk involved in its use. It is however stored for the future.

Classic Wings is a Duxford based company known for pleasure flights with their fleet of Dragon Rapides and Tiger Moths. They have recently welcomed a new aircraft to their fleet, Noorduyn built AT-16 Harvard IIB (14-726) G-BDAM. After its career in the RAF as FE992 ended, the trainer became G-BDAM for the first time in April 1975. 'Alpha-Mike' remained Duxford based until being exported to Canada as C-GFLR in 2003. Owned by well-known Ed Russell, FE992 was flown in RCAF livery with code 'ER-992'. In this, 'ER' obviously refers to its owner. Restored to the UK register as G-BDAM in January the aircraft had a complete ground-up restoration. To honour its previous owner it retains the RCAF livery and code 'ER-992'.

Vickers Supermarine Spitfire Mk.Vc EE602 (G-IBSY) arrived at Duxford on 20 November. After more than three years of restoration by the Biggin Hill Heritage Hangar, the first flight of this Spitfire took place there on 15 May 2015 with Peter Monk at the controls. It wears the markings EE602 / DV-V from 129 (Mysore) Sqn RAF. It carries the authentic inscription 'Central Railways Uruguayan Staff' on the port side of the fuselage to replicate the markings it wore as a presentation aircraft donated by the British Community in Uruguay. On the starboard side below the cockpit the name 'Mabel' is painted in small lettering. It has recently returned to Biggin Hill but will become a 'regular' at Duxford. The fighter has been acquired by Anglia Aircraft Restorations, already owners of Sea Fury SR661 (G-CBEL) and Mustang 'Miss Velma' (G-TFSI).

The Montrose Air Station Heritage Centre has acquired an Avro Anson for their collection. The transport, serialized

TX226, is a Mk. C19 built at Yeoman in 1946. It was part of the Classic Air Force and is currently stored near Coventry airport. It should arrive at Montrose early in 2018 where it will undergo a rebuild by a team of the centre's volunteer engineers in their new restoration workshop.

TX226 is the second acquisition of an important WWII aircraft for the Heritage Centre within one year. In March the Heritage centre took delivery of DG590, a Miles M.2H Hawk Major, one of only two examples of the type in Britain. The Hawk was acquired from the RAF Museum Reserve Collection.

For many years the Kent Battle of Britain Museum in Hawkinge has been searching for a Blenheim/Bolingbroke airframe, a key aircraft in the Battle of Britain next to Hurricanes and Spitfires. Now the staff has finally found one, or actually four Bolingbroke airframes originating from Canada. This static restoration project is based on the fuselage of RCAF Bolingbroke 9893, which will be combined with parts of the other airframes. The main bulk of the project was delivered to Hawkinge on the 6 December, having departed Duxford earlier that morning. The wings in the project are from the first Blenheim to fly (G-MKIV) which suffered a forced landing shortly after returning to flight. The aircraft will be restored as a Blenheim Mk IV with the long nose. The nose itself will be arriving from Canada in the next few months.

Destined for the local Gnat Team, Folland Gnat XR537 (FL548) arrived at North Weald on 12 December. The tiny trainer, registered G-NATY is in full Red Arrows colours, and came from Hurn by truck. After assembly of the airframe, the first engine run was carried out on 21 December.

## United States

The Mangic Foundation is a welfare organisation that supports a.o. injured ex-servicemen and women. They have recently taken up reservations for three OV-10D Broncos. Former BuNo 155446 is now N10957 (305-57), BuNo 155483 is N373SV (305-94) and BuNo 155493 is now N97854 (303-104). BuNo 155493 was delivered to VAL-4 at NAS North Island on 1 February 1969 and was soon sent to Vietnam. It arrived at Vung Tau on 6 April 1969 and flew to Binh Thuy two days later. The last USMC unit to use this Bronco was VMO-1, which delivered it to AMARG on 24 June 1993. From March 2006 to March 2009 the aircraft was owned by the US Department of State and used as source of spare parts. Until January 2015 the Bronco was registered to the National Viet Nam Museum Inc.

Credits: Aerodynamic media, AirOnline.nl, Fox Alpha Zulu, G-INFO, WarbirdDigest, Warbirdtails



In a reaction on our article on the Dutch Catalina PH-PBY, Ab Gobets unveiled a colourslide of the same aircraft and scanned it. In a previous life it was C-FHHR of Avalon Aviation Ltd. He took this slide at Lac La Biche airport in Alberta on 23 June 1983. Thanks Ab, nice!

Personal copy

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# Dustpan & Brush



This Airbus of Qatar Airways, A321 A7-AIB, got to a fiery ending when during maintenance at a remote stand at Doha, to fix the IFE and SATCOM antenna, a fire broke out in the cabin. The fire was so intense it actually burnt through the fuselage, rendering the Airbus written off. Malcom Nason captured the Airbus when it visited Shannon on 16 November 2015.

## Additions & Corrections:

30may14	PR-TKB	ATR42-500	<b>610</b>	w/o
See Scramble 422.				
02jul15	8Q-MAN	DHC-6-300	<b>435</b>	w/o
See Scramble 435.				
30jul16	<u>BPS-01</u>	<u>AS350B3</u>	<b>4567</b>	w/o
See Scramble 448.				
09jun17	<u>902</u>	AS565MB	<b>6849</b>	dam
See Scramble 458.				
26aug17	<u>8282</u>	SH-60J	<b>1073</b>	w/o
The unfortunate Sea Hawk belonged to 21 Hokutai. See Scramble 461.				

## New Accidents:

28oct08 G692/UN-477 Mi-17V5 **288M03** w/o

Two crew members were slightly injured on this day when a UNOCI (United Nations Operation in Côte d'Ivoire) Mi-17 helicopter (UN-477, and operated by the Ghana Air Force) from Bouaké, crashed in Danané. On the approach to the Danané helipad, the chopper lost tail rotor authority. The aircrew's swift decision to execute a forced landing allowed for the survival of all onboard with only minor injuries, while the helicopter was written off due to extensive damage. A total of six people were on the flight when the accident happened. The injured were initially evacuated to Danané hospital and UNOCI sent a helicopter from Daloa to Danané to assist with evacuation of the injured.

09feb16 4172/GCH SA342M1 **2172** w/o

Having tried several attempts to land at Madama, Niger, in the hours of darkness (using NVGs, or Night Vision Goggles) the pilots of this ALAT Gazelle (with radio call sign F-MGCH) chose to land somewhere else, without any pyro lights. While coming in to land they misjudged the height above ground and made a hard landing. This resulted in the pilots receiving minor injuries and the Aviation Légère de l'Armée de Terre SA342 being a write off.

25nov17 9G-SBF ATR72-212A **743** dam

Starbow Airlines flight S9-104, from Accra-Kotoka to Kumasi, suffered a runway excursion during take-off from Accra. It commenced the take-off roll from runway 21 during heavy rainfall and apparently veered off the left side of the runway until the no.1 engine hit the perimeter fence, located about 140 m to the left of the runway edge. All propeller blades of the no.1 engine were damaged with some prop tips severed after impacting barbed wire. One passenger sustained minor injuries.

25nov17 N863RB PA-46-500TP **4697213** w/o

The private Piper Malibu Meridian, with only the pilot onboard, force landed during an attempted return to the point of departure at St Pete-Clearwater International Airport (FL). It sustained substantial damage and the pilot received serious injuries.

25nov17 N263DM PA-34-220T **348133101** dam

Substantial damage and three out of the four occupants seriously injured were the result of this private Seneca III crash after it impacted wooded terrain north of Ebensburg Airport (PA). One occupant onboard the aircraft received minor injuries.

27nov17 G-VRAY A330-343E **1296** dam

27nov17 SU-GDL B777-36NER **38284** dam

Virgin Atlantic Airways flight VS4 (Airbus A330-343, G-VRAY) and EgyptAir flight MS986 (Boeing 777-36NER, SU-GDL) were both taxiing for departure at New York-John F. Kennedy (NY) when the right hand wing tip leading edge of the Triple Seven struck the left hand winglet of the A330. The winglet was ripped off and the Boeing 777's wing leading edge sustained damage.

27nov17 RA-07226 EC120B **1530** w/o

The Stal-M Colibri crashed under unknown circumstances near Shinovka, Kirsanovsky district, Tambov Region, killing both occupants. The wreckage of the helicopter was found the following morning. The Russian oligarch and the CEO of Stal-M, Vladimir Danilchenko, and the pilot both perished.

27nov17 RA-02788 EMB550 5500063 dam

A Russian private Legacy 500 sustained substantial damage in an accident at Paris-Le Bourget Airport, after having left Moscow-Domodovovo earlier that morning. It landed on runway 27, about 06:56 hour's local time, but touched down hard, causing the right main landing gear to puncture the wing. The aircraft came to rest on the edge of the runway.

28nov17 9N-ABM DHC-6-300 455 dam

A Tara Air Twin Otter, intending to fly from Simikot to Surkhet (both in Nepal) was accelerating for take-off from Simikot's runway 28 when the aircraft went off the runway and came to stop on soft ground. The aircraft was substantially damaged, with five occupants receiving serious injuries and eleven only minor ones. It was carrying thirteen policemen who had assisted an election, with two flight crew and a flight attendant. Local police reported the aircraft blew a nose tyre at about the mid-point of the runway and went off the runway. The injured were airlifted to the Humla district hospital.

28nov17 1302 Bell 407GX 54573 w/o

The Fuerza Aérea Mexicana Bell 407GX crashed while conducting aerial spraying to eradicate poppy fields, 29 kilometres north-west of Chilpancingo. Sadly the pilot perished on impact.

29nov17 9V-SQK B777-212ER 33368 dam

A Singapore Airlines Boeing 777 was being towed from a remote parking bay to Terminal 3 at Singapore-Changi International Airport when the tow truck caught fire. The fire was put out by the ARFF (Aircraft Rescue and Fire Fighting) crews, but the lower forward fuselage of the Boeing was covered in soot. The technician who was on the flight deck at the time of the incident evacuated the aircraft. It hasn't flown since according to FlightRadar, so we can assume the Boeing received quite some damage.

29nov17 N700FA G150 278 dam

A Robinson R44-II (N744WT 11489) lost its tail while trying to land on a trailer at New Orleans (LA), went out of control and crashed onto the wing of a parked Gulfstream G150. The R44's rotor broke apart, flew all around and missed several people. Amazingly the pilot of the Robinson was unhurt, but the Jet Flight Gulfstream was not so lucky and received substantial damage.

29nov17 YR-DEX AS350B3 4289 dam

The pilot of the Dunca Expeditii AS350 had reportedly landed on the snow covered ground near the base of the Borlova 1 ski run at the Muntele Mic ski resort, near Caransebes, Romania. The chopper was blown over after having briefly been left unattended by the pilot, who reportedly went to retrieve something from his car.

01dec17 Mi-25 w/o

Syrian Mount Hermon rebels reportedly downed a Syrian Arab Air Force Mi-25, using a 9K38 IGLA System. The Mi was transporting three passengers at the time, all of whom were killed, plus the pilot.

04dec17 N500KR Beech C90 LJ-708 dam

While approaching Chicago-Rockford Airport (IL), the pilot reported fuel pump problems. On final, the private twin engine aircraft apparently stalled and crashed short of runway threshold. All four occupants were slightly injured and the aircraft was damaged beyond repair as it broke in two.

05dec17 N2996Q AT-6G 168-175 dam

The Protocon Aviation AT-6G Texan (allocated USAAF serial 49-3071 but actually flew as C.6-195 with the Ejército del Aire) experienced a nose-over upon landing at Hampton Roads Executive Airport, near Norfolk (VA). The vintage military airplane sustained substantial damage and the sole pilot onboard was not injured.

06dec17 HB-ZOI AS350B3 8410 dam

Heli-TV's Ecureuil sustained a lot of damage after it crashed during a cargo hook mission near Gordola, Locarno, Ticino, Switzerland, and ended on its side. Nobody was injured.

06dec17 N47536 PA-34-200T 34-7770412 dam

A Piper Seneca of Angel Aviation had its gear collapse during landing at Glendale (AZ), which resulted in a fuel spill and substantial damage.

07dec17 N4494A Beech 58 TH-30 w/o

Following a loss of engine power, the private Beech Baron impacted a field during an attempted return to the point of departure at Henry E. Rohlsen Airport, near Christiansted St.Croix, US Virgin Islands. The engine caught fire before it was able to attempt a landing. The airplane sustained unreported but apparent substantial damage and the pilot and



Seen here is Polish Air Force MiG-29 67 during the Koninklijke Luchtmacht Open Days held at Leeuwarden on 17 September 2011. Little did photographer Dino van Doorn that it would crash near its home base of Minsk Mazowiecki on 18 December 2017. It was on the approach to the base when contact was lost.

four passengers onboard were fatally injured. One passenger was a member of the Stylee Band.

07dec17 RA-07277 AS350B3 **4514** w/o

The pilot of the CHP Holding Ecureuil reported technical problems and his intention to proceed for an emergency landing on the frozen surface of Bratsk dam, near Chisti, Bratsk district. Search and rescue operations were started immediately to locate the possible crash site, but was suspended with night fall. On 11 December fragments of the unlucky chopper were discovered completely frozen in the Angara River. There were no traces of both occupants and divers were exploring the crash site underwater.

08dec17 A7-AIB A321-231 **4382** w/o

A Qatar Airways Airbus A321 was parked at a remote stand at Doha-Hamad International Airport for maintenance, concerning the inflight entertainment system and SATCOM antenna, when at about 06:50 local time a fire broke out in the cabin. That burned through the roof of the aircraft before the fire could be extinguished. There were no injuries, the aircraft sustained substantial damage and possibly needs to be written off (hence we list it as such for now). It had last flown on 6 December, as flight QR234 from Moscow-Domodovo and hasn't been seen since on FlightRadar.

08dec17 N19LW Beech C90 **LJ-991** w/o

The Beech 90 of L3 Airline Academy impacted the waters of Lake Harney, south-east of the intended destination of Orlando-Sanford International Airport (FL). Seminole County deputies said the plane was reportedly flying low before it crashed into the water. The airplane was destroyed and the three occupants onboard were fatally injured.

10dec17 461 Grob G120TP **11101** w/o

A Grob trainer of the Royal Jordanian Air Force, delivered between November 2016 and March 2017, crashed inverted in Blila, Jerash, Jordan. The two pilots onboard managed to bail out before impact.

10dec17 1236 TP-1 Oryx **36** w/o

The SAAF (South African Air Force) lost this locally built Puma (named TP-1 Oryx) when it crashed after a wire strike near the N1 highway near Paarl. All eight onboard were injured. The wires were only recently put up and not marked on any map.

10dec17 N7529S Aerostar 601 **61-0161-082** dam

The private Aerostar 601 crashed about a mile and a half west of Miami Executive Airport (FL). Shortly after take-off, while in the initial climb, the twin engine aircraft went out of control and crashed in a field. The aircraft was destroyed and the pilot was killed.

11dec17 Beech 200 w/o

A Beech King Air was found burnt by law enforcement officers at La Higuera Gualaco, Honduras. It had been used for transporting drugs. Thirteen packages containing cocaine were confiscated.

13dec17 C-GWEA ATR42-320 **240** w/o

A West Wind Aviation ATR42, performing flight WEW280 from Fond-du-Lac (Sask.) to Stony Rapids (Sask.) was in the initial climb out of Fond-du-Lac at about 18:15 local time when the aircraft lost height and impacted terrain, about one kilometre past the runway. All occupants survived, albeit with serious and minor injuries.

13dec17 FAE-1371 Cheetah w/o

The Fuerza Aérea Ecuatoriana lost an Atlas Cheetah during a training flight, when it came down near Duran-Biloche, near Taura airbase. The pilot managed to eject safely. The Atlas Cheetah is a South African fighter aircraft developed for the South African Air Force (SAAF), and currently only operated by the FAE. It was developed as a major upgrade of the Das-

sault Mirage 3 by the Atlas Aircraft Corporation (later Denel Aviation) in South Africa and is based on the IAI Kfir.

14dec17 OE-FWD Ce510 **510-0049** w/o

A Cessna Citation Mustang of Skytaxi Luftfahrt impacted wooded terrain at Sieberatsreute in Germany, killing all three onboard. The aircraft was approaching Friedrichshafen Airport at night and amidst poor weather, and came down about sixteen kilometres north-east of the airport. The circumstances why it crashed are not known, but a CFIT (Controlled Flight Into Terrain) sounds like a good fit.

14dec17 C-GOHS AS350B3 **3240** w/o

Four people were killed after the HydroOne Networks Ecureuil crashed north of Tweed (Ont.). HON workers were performing maintenance on a hydro tower all week, with helicopters going back and forth, and sometimes landing on a field on the property or dropping workers off at the tower. An Ornge air ambulance was dispatched with a second air ambulance soon after, but both were later called off. The Air Force dispatched a helicopter and Hercules from CFB Trenton. Exactly what happened is unclear.

15dec17 SU-BLD Beech 58 w/o

The Beech Baron of Egyptian Aviation Academy crashed under unknown circumstances north of Qaroun lake, Faiyum, Egypt. The pilot and two trainees died in the crash. The Ministry of Civil Aviation said that an aircraft crashed due to a sudden malfunction mid-air, which prompted the pilot to attempt an emergency landing in a desert area, twenty kilometres away from 6th of October Airport.

16dec17 905 AS350B3 **4699** w/o

All six onboard this Fuerza Aérea Hondureña Ecureuil perished when it crashed under unknown circumstances at the Yerbabuena Mountain. It was enroute to Soto Cano Air Base.

18dec17 67 MiG-29A **2960526367/3814** w/o

A Polish Air Force MiG-29 crashed near its home base of Minsk Mazowiecki. It was on the approach to the base when contact was lost. The Polish State Forest Service searched for two hours in the nearby forests and located the pilot who luckily survived the ejection. He was taken to a hospital in Warsaw. Until the cause of the accident has been investigated all MiG-29 flights are suspended.

19dec17 RA-01460 TVS-2MS **1G231-51** w/o

An Antonov TVS-2MS (which is a turboprop conversion of the An-2 by the Siberian Aeronautical Research Institute (SibNIA)) of Naryan-Mar Aviation Enterprise crashed moments after take-off from Naryan-Mar Airport, Nenets Region. Four out of the thirteen people onboard (two crew and eleven passengers) perished, with the others receiving various injuries. Here is a video of the accident: [www.youtube.com/watch?v=wCPws2O9FO8](http://www.youtube.com/watch?v=wCPws2O9FO8)

20dec17 HK-4417 Ce402C **402C0020** dam

During a take-off attempt from Bahía Solano Airport, Colombia, the Aeroejecutivos de Antioquia Cessna 402 failed to lift, overran the departure runway and ended up in the bushes, sustaining damage. It appears a landing gear collapse was to blame for the incident. Suffice to say the nine persons onboard never reached their intended destination of Quibdó-El Caraño Airport.

21dec17 ZS-HLI UH-1D **5272** dam

Former 66-00789 of the US Army, now operating for Work On Fire in South Africa, crashed during a training exercise near Bredasdorp, Western Cape, and received substantial damage. The pilot sustained minor injuries, as well as one person on the ground.

21dec17 S-70A w/o

IS terrorists destroyed an Egypt Air Force S-70A Desert Hawk which was on the ground at Al-Arish Military Airport in

Egypt's Sinai Peninsula, having used a 9M133 Kornet ATGM (Anti-Tank Guided Missile) launcher and achieved a direct hit. It supposedly happened during the Egyptian Interior and Defense ministers visit to this base.

23dec17 P2-ISM BN-2A **227** w/o

A Britten-Norman Islander of North Coast Aviation impacted steep and heavily timbered terrain, at an elevation of 9,500ft on a ridge on the Yalomet side of the Saidor Gap area, in Papua New Guinea. The pilot survived the accident and contacted the operator by radio. The extent of his injuries is not known. A rescue helicopter located the pilot at the crash scene, but the weather was not suitable for a safe rescue attempt. The helicopter was communicating with the pilot by SMS text, telling him he would be picked up the following day. At least he made it home for Christmas!

24dec17 DQ-TAM DHC-2 **1433** dam

An investigation has been launched by the Civil Aviation Authority of Fiji (CAAF) to determine how this Turtle Airways Beaver sank in waters off Nadi while trying to take-off. It sank after it encountered problems during take-off at Wailoaloa. All six occupants were safely rescued and given the necessary attention by Turtle Airways management and staff. The authorities were waiting for high tide and possibly salvage of the submerged aircraft.

24dec17 N247AT Ce340 **3400214** w/o

All five occupants (the pilot (70), his two daughters (24 and 26), the husband of one daughter (27), and a family friend, (a woman of 32)) of the Aviation Transportation Cessna 340 were killed when it impacted terrain during take-off from Bartow Municipal Airport's runway 27R (FL). It was partially consumed by the post-impact fire. Weather (fog) may have been a factor to the accident.

25dec17 NH90TTH w/o

The NH90 of the Royal Air Force of Oman impacted the ground during a training mission for unknown reasons at Musannah Air Base. The navigator died, two pilots suffered minor injuries. The NH90's are based at RAFO Musannah, so it is possible that the helicopter took off from there as well.

27dec17 Yak-130 w/o

27dec17 Yak-130 w/o

During a night mission in the country's Cox's Bazar district, 292 kilometres south-east of the capital Dhaka, the Yak-130s of the Bangladesh Air Force collided with each other and burst into flames. Luckily all four pilots ejected safely. They

belonged to 21sq, based at Chittagong/M.A. Hannan International, Zahurul-Haque air base.

26dec17 2139 L-39 w/o

A Syrian Arab Air Force L-39 Albatros was shot down by rebels while conducting a combat mission over Um Haratain village. Sadly the pilot was killed.

27dec17 N525KT Ce525A **525A0058** dam

The pilot and passenger of the Van E Aviation CJ2 escaped without injuries after the Citation Jet suffered substantial damage during a runway excursion after landing on runway 20 at Michigan City Airport (IN). It travelled 75 metres across the grass after leaving the 1,250 metres long asphalt runway and crossed a road. It went through a guardrail, ripping off the left hand wing and its undercarriage, before stopping in a snow covered field.

27dec17 VP-BZE Falcon 7X **14** dam

This Stork Falcon 7X received quite some damage after strong winds at Malta-Luqa airport blew it off the chocks with the Falcon ploughing through a perimeter fence and onto the road before crashing into a building. No injuries were reported at the incident in Hal-Farrug. The Dassault was parked on apron 4, close to the Lufthansa Technik facility, and is operated on behalf of British politician and businessman Lord Michael Ashcroft, a former deputy chairman of the Conservative Party.

27dec17 256 PT-6 w/o

A Nanchang PT-6 of the Sudanese Air Force's Aeronautics College impacted desert terrain east of Port-Sudan, following a technical failure. It was destroyed and the sole pilot onboard, a cadet of the college on his training flight, was fatally injured.

27dec17 F-ODLF Beech G58 **TH-310** dam

A Beech Baron of Mascafly made a belly landing due to a malfunction of the landing gear, at Pierrefonds Airport, Saint-Pierre, Réunion. The pilot and five passengers were uninjured, while the Beech received quite some damage.

Credits: ASN, Aviation Herald, B3A, JACDEC, Fiji Sun, helis.com, Times of Malta, Twitter, FAA



Skytaxi Luftfahrt lost this Cessna Mustang after it impacted wooded terrain at Sieberatsreute in Germany, killing all three occupants. The aircraft was approaching Friedrichshafen Airport at night and amidst poor weather, and came down about sixteen kilometres north-east of the airport. (Geneva, 26 May 2016, BJ Floor)

# Military News & Updates



A400M 54+11 from LTG62 during take-off at Manching for an air-to-air refuelling mission with WTD 61 Tornado 98+59 and 98+60. (Manching-Ingolstadt, 7 December 2017, Dietmar Fenners)

Because of our standardization we sometimes use type, unit and serial presentations that may strongly differ from those used by the manufacturer or user. It is therefore possible that the information sent by you can deviate from the information we publish.

## Europe

### Netherlands

#### Koninklijke Luchtmacht (AF)

Following increased funding for the years until 2022, the Dutch MoD has expressed their intention to increase speed (again) on the MQ-9 Reaper introduction for Leeuwarden and the resurrection of 306sq. According to the current timeline four Reapers are to be delivered and ready for use in 2020. Given the ready to use qualification it is likely that delivery could be earlier than 2020.

From Eindhoven-based 334sq came confirmation that Gulfstream IV V-11 will remain in service until 31 December 2018. With the Dutch Government's decision to purchase a B737-700 BBJ1 to replace the PH-KBX Fokker 70, funds for a dedicated replacement of the Gulfstream vanished.

The MoD also confirmed that the retrofit upgrade program for the six current 298sq and 302sq CH-47F helicopters was signed with Boeing Helicopters mid-December 2017. From 2021 the retrofitted Fox-Chinooks will be re-delivered to DHC and find their way back to 298sq and 302sq. Around that time the twelve CH-47Fs ordered are also expected to have been delivered.

#### F-16AM

J-057	to RJAF	as 249	<b>6D-140</b>	dec17
J-135	1(NL) ATF ME	322sq	<b>6D-125</b>	jan18
J-144	1(NL) ATF ME	322sq	<b>6D-134</b>	jan18
J-193	to RJAF	as 246	<b>6D-100</b>	dec17
J-510	to RJAF	as 250	<b>6D-149</b>	nov17
J-514	1(NL) ATF ME	312/313sq	<b>6D-153</b>	jan18
J-623	to RJAF	as 238	<b>6D-55</b>	nov17
J-637	to RJAF	as 239	<b>6D-69</b>	nov17
J-868	to RJAF	as 241	<b>6D-85</b>	nov17
J-870	to RJAF	as 242	<b>6D-87</b>	dec17

J-876 to RJAF as 245 **6D-93** nov17  
 The second and third delivery of Jordanian F-16s took place. On 29 November 2017 six jets left Volkel for Aviano and Chania before landing in Jordan. On 14 December 2017, one day later than expected due to weather conditions, the final three left Volkel as well.

#### F-16BM

J-066	KTV/322sq	damaged	<b>6E-35</b>	nov17
J-208	to RJAF	as 237	<b>6E-27</b>	nov17

Two duals made the news section this month. The Orange Jumper (J-066) because of a landing mishap at Eindhoven on 22 November 2017. During a touch and go training, the pilot got blinded by low sun flare. Not only did he line up for the taxiway instead of the runway, he also touched down some distance before the taxiway. After touching down in the grass, the main landing gear tires burst on contact with the edge of the asphalt surface. Inspection of the airframe structure indicated various cracks and torsions, leaving the airplane grounded for some months pending repairs. The second dual was more fortunate, in a certain way. J-208 led the second batch of six F-16s being delivered from the RNLAf to the Royal Jordanian Air Force on 29 November 2017.

### Belgium

#### Luchtcomponent/Composante Air/Air Component [AF]

The Belgian Ministry of Defence confirmed on 22 December 2017 that they will invest 258 million Euros in the European Multinational Multi-role tanker transport Fleet (MMF) and their A330-200MRTTs. As reported in Scramble 463, seven tankers have been ordered with current funding from the four participating nations. Thanks to the Belgian participation, the fifth nation joining, A330MRTT number eight can be ordered as well. With this share the Belgian Air Force will ensure its training hours on the future generation AAR and transport capacity with member NATO countries.

EBBE = Beauvechain/Bevekom

#### C-130H

CH08 wfu at EBBE, ex 20sq **4478** dec17  
 Just some weeks short of its 45 years anniversary CH08 became the first C-130H Hercules to leave the 15 wing/20 squadron



fleet. On 21 December 2017 the ferry from Melsbroek to Beauvechain/Bevekom was made in order to store the airplane and salvage the useful parts. By useful parts you can think of the engines, instruments and electronic equipment. Prior to the arrival of the first A400M in 2019 more C-130Hs are expected to join CH08 at Beauvechain/Bevekom in 2018. The career of CH08 started in January 1973 with its delivery to 15 wing/20 squadron, entering service on 1 February. Its best known career remark is a landing mishap in Mogadishu Somalia in November 1992. The damage was repaired in Mombasa, Kenya, with success. Around 2010 the C-130H was frequently seen in Africa with UN markings.

#### F-16AM

FA70	10w	normal c/s	<b>6H-70</b>	dec17
FA95	10w	ex OIR-DF	<b>6H-95</b>	dec17
FA98	2w	ex OIR-DF	<b>6H-98</b>	dec17
FA117	EAPM	2w	<b>6H-117</b>	nov17
FA127	EAPM	2w	<b>6H-127</b>	nov17
FA130	10w	ex OIR-DF	<b>6H-130</b>	dec17
FA131	10w	ex OIR-DF	<b>6H-131</b>	dec17

On 22 March 2017 the 75 years jubilee F-16AM of 10w/349sq was unveiled at Kleine-Brogel. Nine months later the 349sq Facebook page revealed that "Razzle Dazzle", as the jet was nicknamed, was almost complete in its repaint back to normal colours as FA70 is needed for operational duties.

On Boxing Day the Belgian F-16AM detachment returned to Kleine-Brogel. After 18 months of operations from Al-Azraq, Jordan, the final flight in Operation Inherent Resolve - Desert Falcon was performed on 24 December and the four F-16s returned to Belgium two days later.

Following up on Scramble 461, photos released from the Belgian MoD confirmed FA117 and FA127 as currently deployed F-16s in Amari, Estonia for the Baltic Air Policing. With FA107 already confirmed from the hand-over, only one F-16AM is missing. Perhaps next month it will be identified, when the deployment ends.

#### Bulgaria

Bulgarski Voenno-Vuzdushni Sili (AF)

The Bulgarian fighter procurement programme remains a

little bit vague. Within one month reports emerged that the Bulgarian government is looking for a deal to purchase a number of Super Hornets to replace its MiG-29 fleet while in the same month it was also reported that the government is pursuing a contract to overhaul fifteen MiG-29s. Time will tell...

Really though mothers are the Su-25s of the Bulgarian Air Force. They survived the budget cuts so far and continue to soldier on. The type celebrated thirty years of service in October 2016. No more than five or six aircraft are operational at any given time but it seems that the operational fleet is drawn from a pool of about ten single-seaters and four two-seaters. In 2016 and 2017 some aircraft were reactivated that had not been seen active for about a decade while others were placed in storage. The pool of active aircraft appears to consist of the following aircraft:

#### Su-25K

195	22.ShtAB	conf. act. 2016, l/n act was 2010
197	22.ShtAB	conf. act. 2017, l/n act was 2007
230	22.ShtAB	conf. act. 2008
240	22.ShtAB	conf. act. 2016
246	22.ShtAB	conf. act. 2016
249	22.ShtAB	conf. act. 2017, l/n act was 2007
252	22.ShtAB	conf. act. 2010
253	22.ShtAB	conf. act. 2016, l/n act was 2011
254	22.ShtAB	conf. act. 2016, l/n act was 2012
255	22.ShtAB	conf. act. 2013

#### Su-25UBK

002	22.ShtAB	conf. act. 2016
017	22.ShtAB	conf. act. 2015
047	22.ShtAB	conf. act. 2017, l/n act was 2009
095	22.ShtAB	conf. act. 2017

#### Czech Republic

vzdušných sil (AF)

Not yet reported here was the order for twelve UH-1Y helicopters for the Czech Air Force. The US State Department and congress have approved the deal which includes additional equipment such as engines, 7.62 machine guns, FLIR systems, EW countermeasures and other self-protection systems etc. The deal is worth USD 575 million. It is thought



Another batch of six F-16s left Volkel for Jordan in typical Dutch weather (bagger weer). The Arabic-style numerals on the tail tell us that this is 241, the former J-868. (Volkel, 29 November 2017, Dino van Doorn)

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Recently the Serbian Air Force took delivery of six former Russian Air Force MiG-29s. Their original fleet of eighteen aircraft was diminished to five aircraft during the 1999 Kosovo war. Of these, four remain including MiG-29UB 18301 seen on this picture. (Batajnica, 20 October 2017, Rob Hendriks)

that the UH-1Ys will replace both the Mi-171 and Mi-24/35 fleet. However, Bell is also marketing the AH-1Z to replace the latter.

Another order is for six Enstrom 480B-G helicopters by the LOM Praha Company. According to a news item in Helicopter International, four helicopters will be used for military pilot training while the other two are to be used for general pilot training. LOM Praha runs the CLV flying training centre based at Pardubice. Therefore it is expected that the Enstroms replace the small number of Mi-2s that currently remain in service for training.

More and more L-159s are leaving Czechia for Draken International in the US as well as the Iraqi Air Force. Details for those transferred to the Iraqi AF remain sketchy but we hope to present more details in the near future. In Draken service the L-159 is known as the L-159E Honey Badger. The following ALCAs are now registered in the US FAA register with Draken International:

6007	to N257EM	ex std Vodochody	<b>156007</b>
6018	to N263EM	ex std Vodochody	<b>156018</b>
6019	to N259EM	ex std Vodochody	<b>156019</b>
6020	to N265EM	ex std Vodochody	<b>156020</b>
6022	to N258EM	ex std Vodochody	<b>156022</b>
6023	to N266EM	ex std Vodochody	<b>156023</b>
6029	to N269EM	ex std Vodochody	<b>156029</b>
6030	to N259EM	ex std Vodochody	<b>156030</b>
6034	to N159EM	ex std Vodochody	<b>156034</b>
6036	to N256EM	ex std Vodochody	<b>156036</b>
6040	to N262EM	ex std Vodochody	<b>156040</b>

## Denmark

### Flyvevåbnet (AF)

On Friday 15 December 2017, all Esk 723 Super Lynx helicopters were officially withdrawn from use. With the delivery of the Sikorsky MH-60R helicopters, for which we still need the delivery date of the latest two examples (N-978 and N-979), the Lynx era came to an end. After more than 37 years of active service for the Lynx Mk80 and the Super Lynx Mk90B, it was time to say goodbye. On 15 December 2017, three Super Lynx helicopters performed a 45 minutes farewell flight from Karup (serials S-134, S-191 and S-256). The helicopters were accompanied by Esk 723 MH-60R N-973 and photo ship AS550C2 P-319 from Esk 724.

According to Per Thorup Pedersen, two Lynx helicopters will be preserved and the rest will be put up for sale. Both carry

serial S-134. The old one, type Lynx Mk80, is now preserved at the Flyvehistoriske Museum at the former air base of Værløse, the new one, type Super Lynx Mk90B, will go the museum in Stauning.

### Super Lynx Mk90B

S-134	ex Esk 723	wfu 15dec17, l/n dec17	<b>425</b>
S-142	ex Esk 723	wfu 15dec17, l/n jun14	<b>418</b>
S-170	ex Esk 723	wfu 15dec17, l/n aug15	<b>410</b>
S-175	ex Esk 723	wfu 15dec17, l/n aug17	<b>439</b>
S-181	ex Esk 723	wfu 15dec17, l/n aug13	<b>411</b>
S-191	ex Esk 723	wfu 15dec17, l/n dec17	<b>409</b>
S-256	ex Esk 723	wfu 15dec17, l/n dec17	<b>438</b>

## France

On 22 December 2017 the first of the order of C-130J-30s arrived at Évreux. It is intended for the to be established ET02.061 Franche Comté.

The 2018 budget listed the planned delivery of one Beech 350ALSR, two A400Ms, eight PC-21s, one C-130J-30, one A330MRJT, two NH90-NFHs, eight NH90-TTHs, five Tigre HADs, three Rafale Bs and one Rafale M (last of the old F1s modified to F3 standard). Also money has been reserved for updates on three ATL2s, 55 Mirage 2000Ds, two C-160Gs (to keep these flying until 2023) and the Rafale F4 program.

Updating Scramble 461, the deal with American company ATAC (Airborne Tactical Advantage Company) consists of seven Mirage F1Bs, thirty Mirage F1CRs and twenty-six Mirage F1CTs. Of the thirty-two that will be made airworthy, five are currently on overhaul with SABCA at Gosselies. Two of the aircraft at Gosselies have been identified as Mirage F1CT 279 and F1CR 660.

### Armée de l'Air (AF)

#### A330MRJT

EC-338	Airbus	on order	<b>1808</b> dec17
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This is the second known A330 (besides c/n 1735) for the French order of twelve. It was ferried from Toulouse to Getafe on 18 December for conversion.

#### A400M

0062/F-RBAL	ET01.061	ex Airbus	<b>062</b> dec17
0065/F-RBAM	ET01.061	ex Airbus	<b>065</b> dec17

#### AS350U2

2803/F-ZAHA	DGA-EV	ex F-ZLAH	<b>2803</b> jun16
2851/F-ZAHC	DGA-EV	ex F-ZLAI	<b>2851</b> nov17

#### C-130J-30

5836/61-PO	ET02.061	ex Lockheed	<b>5836</b> dec17
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Marine National (NY)				
<b>NH90-NFH</b>				
20	ABH	on order	<b>1342</b>	oct17
Armée de Terre (AR)				
<b>NH90-TTH</b>				
1386/EAZ	ABH	on order	<b>1386</b>	dec17
1390/EBA	ABH	on order	<b>1390</b>	dec17
<b>SA342M</b>				
4019/GAY	3RHC	w/o 13nov17	<b>2019</b>	
4172/GCH	1RHC	w/o 09feb16	<b>2172</b>	
<b>Tigre HAD</b>				
6023/BJW	ABH	on order	<b>6023</b>	sep17

## Germany

### Luftwaffe (AF)

German Air Force Airbus A400M 54+11 took to the air on 11 December 2017 to conduct the first air-to-air refueling mission with two German Tornados. Further tests are planned to certificate the A400M as an air-to-air platform for German Air Force aircraft.

ETSI = Ingolstadt/München

<b>C-160D</b>				
50+74	LTG62	ex LTG61	<b>D111</b>	oct17
50+97	LTG61	ex LTG63	<b>D134</b>	oct17
<b>CH-53GA</b>				
84+99	HSG64	ex MTHR15	<b>V65-097</b>	oct17
<b>EF2000</b>				
31+19	TLG74	ex TLG73	<b>187/AS012</b>	nov17
<b>EF2000(T)</b>				
30+24	TLG73	ex TLG31	<b>084/GT010</b>	nov17
31+24	TLG73	ex EADS		nov17
31+26	EADS	f/n ETSI	<b>GT0029</b>	oct17
<b>Tornado IDS</b>				
44+16	TLG33	ex TLG51	<b>296/GS079/4116</b>	nov17
<b>Heeresflieger (AR)</b>				
<b>NH90-TTH</b>				
79+28	f/n Airbus heli.			nov17
<b>Tiger UHT</b>				
74+57	KHR36	ex Airbus heli	<b>1057/UHT57</b>	nov17
74+63	KHR36	ex Airbus heli	<b>1063/UHT63</b>	nov17
74+65	f/n Airbus Hel.		<b>1065/UHT65</b>	oct17
74+67	f/n Airbus Heli.		<b>1067/UHT67</b>	oct17
74+68	f/n Airbus Heli.		<b>1068/UHT68</b>	nov17

**UH-1D**  
73+08      THR30      ex HFWS      **8428** oct17

## Marineflieger (NY)

On 1 November 2017 Lockheed Martin received an order of the German Navy for a German Navy P-3C Mission System Refresh Program. The program will upgrade the mission systems of the current fleet of eight P-3C Orions. The program consists of designing, manufacturing, integrating, installing and testing of the Lockheed Martin Airborne Tactical Mission system. The Foreign Military Sales program started in 2016 and the contract was not formally signed until the date mentioned.

**NH90-NFH**  
98+56      f/n Airbus heli.      dec17

## Hungary

### Magyar Légierő (AF)

Great news comes from this cash-strapped air force. Four and a half year after the last two Mi-24Ps were retired from service the Hungarian MoD has decided to restore part of the Mi-24 fleet. In total twelve helicopters are due to be overhauled in Russia including six Mi-24Vs and six Mi-24Ps. Eight of them have already departed for Russia in late November / early December including the six Mi-24Ps and two Mi-24Vs.

In 1995 the German government donated twelve Mi-24Ds and the six Mi-24Ps to Hungary, all coming out of the retired NVA-inventory. All were placed in storage after arriving in Hungary but in 2003/2004 it was decided to overhaul the Mi-24Ps at the Danubian Aircraft Company at Tököl. However, the company went bankrupt after two of the helicopters were overhauled. It is interesting that the Mi-24Ps were virtually brand new aircraft as they were delivered to the NVA in November/December 1989 less than a year before the collapse of the DDR. Therefore the Mi-24Ps had as little as 50-150 flying hours when the NVA was disbanded. However, the Mi-24s remained airworthy until September 1994 when they were finally retired. Having been in outside storage ever since, the helicopters were showing their previous NVA-identities when they were transported from Szolnok to Kecskemet by truck with both their former serials becoming visible again. Airframes 335, 336, 711 and 720 departed by An-124 RA-82047 on 22 November 2017. Former NVA 358, 361, 415 and 444 departed by the same An-124 on 2 December 2017. It is hoped that the last four earmarked helicopters



Recently the Hungarian Air Force acquired two A319s from the bankrupt Air Berlin inventory. As can be seen on this picture, the aircraft are in a grey colour scheme and have received temporary Maltese civil registrations. (Ostrava, 20 December 2017, Vaclav Kudela)

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December 2017 saw the first appearance of a Militare Aeronautica F-35A at Istrana air base. F-35A Lightning II MM7357/32-07 still wore the special markings of the 100th anniversary of its fighter squadrons. These markings are applied to the left side of the tail only. (Istrana, 5 December 2017, Daniele Mattiuzzo)

will be transferred to Russia in January 2018. The following helicopters are involved:

<b>Mi-24P</b>			
(331)	ex NVA/358, Lw 96+41, std Szolnok	<b>340331</b>	
(332)	ex NVA/361, Lw 96+42, std Szolnok	<b>340332</b>	
(334)	ex NVA/415, Lw 96+44, std Szolnok	<b>340334</b>	
335	ex NVA/422, Lw 96+45, std Szolnok	<b>340335</b>	
336	ex NVA/439, Lw 96+46, std Szolnok	<b>340336</b>	
(338)	ex NVA/444, Lw 96+48, std Szolnok	<b>340338</b>	

<b>Mi-24V</b>			
711	ex std Szolnok	<b>K220711</b>	
720	ex std Szolnok	<b>K220720</b>	

Those in between brackets never received Hungarian serials but are expected to receive the serials given above as they are derived from their respective construction numbers.

Additional good news is that the service life of the five strong Mi-17 fleet will be prolonged by another eight years, or 2,000 hours of service. In the meantime a successor for the Mi-17 will be sought.

More good news is the acquisition of two former Air Berlin A319s for the air force. The aircraft will be used as transport aircraft to support the deployment of Hungarian troops abroad. The aircraft will be delivered in the spring of 2018.

<b>A319-112</b>			
...	ex 9H-AGM (ex D-ABGM)	<b>3604</b>	
...	ex 9H-AGN (ex D-ABGS)	<b>3865</b>	

<b>Zlin 242L</b>			
21	ex OK-0821	d/d 24mar17	<b>0421</b> mar17
22	ex OK-0822	d/d 24mar17	<b>0422</b> mar17

Not mentioned by us before is the less good news about the imminent retirement of the Yak-52 which actually already might have happened. Four Zlin 242s were purchased in 2016 as their successors. The first two entered service in March 2017

Rendorseg (PO)

In Scramble 450 we reported that the Hungarian Police acquired five MD902s from the German Police. The helicopters were used by the Baden-Württemberg police from 2003 until they were replaced by six H145s. In Hungary they will replace or augment the three or so remaining MD500Es in service with the police. It seems that another batch was acquired from the UK police. Courtesy to MAR for the UK-registered helicopters, currently the following is known:

<b>MD902</b>			
R-900	ex D-HIBC	<b>900-0052</b>	jul16

R-901	ex D-HBWC	<b>900-0093</b>	
R-902	ex D-HBWD	<b>900-0096</b>	
R-903	ex D-HBWE	<b>900-0097</b>	
R-904	ex D-HBWG	<b>900-0099</b>	
R-905	ex G-BXZK	<b>900-0057</b>	aug17
R-906	ex G-SUSX	<b>900-0065</b>	oct17
R-908	ex G-SYPS	<b>90-00104</b>	sep17

One might assume that there is also an R-907 in existence. The dates mentioned with the UK examples are the dates that they were noted at Gloucester-Staverton where they are prepared for delivery.

## Italy

Aeronautica Militare (AF)

LIPI = Rivolto (UD)

<b>AMX ACOL</b>			
MM7164/-	3° RMV	ex 51-40/GEA 51° St	<b>IX076</b> dec17

<b>AW139</b>			
I-AWTJ	208° Gruppo	Leonardo Elicotteri	<b>31087</b> dec17

Currently on loan by the 72° Stormo from Leonardo Elicotteri is civil registered AW139 I-AWTJ.

<b>E-550A</b>			
MM62303/14-12	71° Gruppo	ex 454/IAI	<b>5454</b> dec17

On 15 December 2017, it seems the second E-550A was delivered to the 71° Gruppo at Pratica di Mare (RM). It was fitted with an Airborne Early Warning and Control radar system by Israel Aerospace Industries at Tel Aviv, Israel. It flew several test flights with just the registration 454 and code 14-12. Its assigned Matricola Militare MM62303 came to much of a surprise and is not successive to the first example.

<b>F-2000A</b>			
MM7349/-	936° GEA	new	<b>IS075</b> nov17
CSX7350/-	Leonardo	on order	<b>IS076</b> dec17
CSX7351/-	Leonardo	on order	<b>IS077</b> dec17

<b>MB339A/PAN</b>			
MM54542/5	pres LIPI	ex 5/313° Gruppo AA	<b>6763</b> dec17

Aviazione dell' Esercito (AR)

<b>ICH-47F</b>			
MM81792/E.I.715	Leonardo	on order	dec17
MM81793/E.I.716	Leonardo	on order	dec17

<b>UH-90A</b>			
MM81555/E.I.238	27° Gruppo	new	<b>1280/ITAR39</b> dec17

Arma dei Carabinieri (PO)

By April 2017, the 14°Nucleo Elicotteri Carabinieri based at Treviso-Sant'Angelo (TV) moved to Belluno (BL). They brought the eighteen stored A109s with them.

### AB412EP

MM81693/CC-37 5° NE ex CFS-29/CFS **25982** aug17  
 MM81696/CC-40 14° NE ex CFS-32/CFS **25985** dec17

On 31 December 2016, the Corpo Forestale dello Stato ceased to exist, with its approximately 7,800 members being absorbed into the Carabinieri. The first identified ex-Corpo Forestale dello Stato AB412s are appearing with their new owner, still wearing its original green and white livery.

Marina Militare (NY)

### SH-3D/H

MM81111/6-26 dump Roma ex Grupelicot 3 **6038** nov17  
 MM81186/6-35 dump Roma ex Grupelicot 4 **6066** nov17

Thanks to Andy Marden, two of the three problematic Marina Militare SH-3s were checked (and corrected in our database) while dumped at Elio Bentivoglio surplus yard.

Guardia di Finanza (PO)

### AW139

CSX81926/- Leonardo on order **31767** dec17

### NH500MC

MM81000/GdiF-76 dump Rome ex SA Pratica di M. **11-0260M** nov17

## Luxembourg

NAEW&CF

### E-3A

LX-N90455 309th AMARG ex NAEW&CF **22850/967** dec17

On 12 December 2017 E-3A AWACS LX-N90455 departed Geilenkirchen for its resting place with the 309th AMARG at Davis-Monthan AFB (AZ). It arrived there on 13 December. Supported by a USAF KC-135R this is the second E-3A (LX-N90449 was the first on 23 June 2015) to be parked at AMARG. There is one more to come, as these airframes have been declared surplus and will not join the MLU upgrade of the fourteen remaining airframes. In the first quarter of 2018 the third and final E-3A from the NAEW&CF component is expected to be ferried to the desert boneyard.

## Norway

Norske Luftforsvaret (AF)

One of the older aircraft in the Royal Norwegian Air Force inventory was withdrawn from use. Falcon 20C-5 serial 0125 made a two hour farewell flight from Gardermoen on 14 December 2017. The former Fred Olsen Executive Service LN-FOE saw its career start with Pan American World Airways

as N4344F in January 1968. The aircraft is now stored in the 717 skv hangars. The two ECM Falcon 20s from this unit will soldier on for the coming period. Their task will be taken over by the Boeing P-8A Poseidon from 2024.

### AW101 Mk612

0270 Leonardo MW f/n **50270** dec17

This new AW101 was seen at Yeovil in full markings and serial, but no test registration yet applied. Its future test registration will be ZZ104.

### Falcon 20C-5

0125 ex FEKS/717 skv, wfu 14dec17 **125**

## Poland

Sily Powietrzne (AF)

The Polish Air Force has launched a market survey for the procurement of a new multi-role fighter to replace its current fleet of 32 MiG-29s and 18 Su-22s from 2024. The likely candidates come from the usual line-up of the currently available western fighters.

The first M346 Masters arrived in Poland as long ago as 14 November 2016. The Polish MoD has so far refused to accept the aircraft due to software problems with the aircraft. The remaining six aircraft arrived at Deblin in October 2017 and the type was due to finish its implementation program in December. Details are as follows:

### M346

7701	41.BLSz	d/d 30oct17	<b>E001/50</b>	oct17
7702	41.BLSz	d/d 14nov16		nov16
7703	41.BLSz	d/d 14nov16		nov16
7704	41.BLSz	d/d 26oct17		oct17
7705	41.BLSz	d/d 11oct17		oct17
7706	41.BLSz	d/d 11oct17		oct17
7707	41.BLSz	d/d 17oct17		sep17
7708	41.BLSz	d/d 30oct17		oct17

In Italy the aircraft received temporary registrations MT55209-55212 and MT55225-MT55228 while being tested by Leonardo. Later they were issued the same registrations prefixed with CSX. The c/n plate of 7706 was checked at Radom air show and contained the following info: "manufacture date 09/2016, type seq no 00064, seq no with variant F0006, mfr's serial no 7096, client PLAF. It is likely that F0006 should read E0006 as it follows B for Italy, C for Singapore and D for Israel making **E006/64** a likely construction number addition for the list above.



MM7451 **BL001** is the first F-35B produced outside the USA. The aircraft was assembled at the Final Assembly and Check Out (FACO) at Cameri, North-West Italy. According to the Italian Ministry of Defense, as soon as the planned test flights will be completed in Cameri, the aircraft will be flown to the Naval Air Station in Patuxent River (MD), where it will be subjected to the certification of the electronic system and the radar. A second example should be ready before the year end. (Cameri, 26 November 2017, Mauro Finati)

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Norwegian Air Force AW101 Mk612 0268 conducting pre-delivery flight checks at the Westland Leonardo factory, still carrying UK registration ZZ103. On 24 November 2017, barely a week after its delivery on 17 November, it rolled over on its side during a test run at Stavanger Airport. The helicopter will be returned to Westland for a rebuild. (Yeovil, 8 November 2017, Martin Fox)

Since our last rundown in Scramble 450 some additional grey Su-22s have emerged from overhaul at WZL-2 at Bydgoszcz. Apart from 707, the tiger Su-22UM-3K, no more camouflaged Su-22s were seen over the past year and our database is showing that the last notes of the non-grey aircraft are fading away. It is therefore safe to assume which fourteen single-seaters have been withdrawn from service. As a matter of fact it appears that they were put aside already as long as two years ago, probably gradually as they ran out of hours. Yet one Su-22M-4 has still not been seen in the grey c/s, we believe that 3920 is a strong candidate. All six remaining two-seaters were due to be overhauled but only three have been seen so far, including 707 in the tiger c/s. Those listed below are the survivors and due to remain in service for the foreseeable future:

#### Su-22UM-3K

305	21.BLT	black c/s, WZL-2 for o/h	oct16
308	21.BLT	f/n in grey c/s dec15	oct16
310	21.BLT		may16
508	21.BLT	with WZL-2 for o/h	oct16
509	21.BLT	f/n in grey c/s nov15	aug17
707	21.BLT	jul17 Tiger c/s, f/n after o/h	jul17

#### Su-22M-4

3201	21.BLT	f/n in grey c/s sep16	aug17
3304	21.BLT	f/n in grey c/s apr16	sep17
3612	21.BLT	f/n in grey c/s aug17	aug17
3713	21.BLT	f/n in grey c/s jul17	aug17
3715	21.BLT	f/n in grey c/s jul17	aug17
3816	21.BLT	f/n in grey c/s feb16	aug17
3817	21.BLT	f/n in grey c/s jun16	oct17
3819	21.BLT	f/n in grey c/s oct17	oct17
8101	21.BLT	f/n in grey c/s nov15	aug17
8205	21.BLT	f/n in grey c/s aug15	aug16
8309	21.BLT	f/n in grey c/s sep15	oct16
3920	21.BLT	not noted in grey c/s yet	jan16

Believed to have been retired are: 7411 (apr14), 7412 (jun14), 8102 (aug14), 8103 (mar15), 8308 (jun14), 8310 (mar15), 8715 (jul15), 8816 (aug15), 8818 (oct13), 8919 (may14), 8920 (may14), 9102 (jun15), 9615 (aug15), 9616 (aug15)

#### Lotnictwo Straży Granicznej (GV)

In 2011 the Polish Border Guards started to re-serial its fleet of helicopters and fixed wing aircraft with civil SP-VPx and SP-VSx registrations. PZL-104MF Wilga SN-41YG, previously registered as SP-VSC, was seen wearing SN-41YG again as long ago as 2016 but your editor failed to notice this earlier.

## Romania

### Fortele Aeriene Romane (AF)

On 4 October 2016 the first six former Portuguese Air Force F-16s were delivered to the Romanian Air Force. These were followed by another batch of three aircraft on 15 December 2016. On 29 September 2017 the last four aircraft arrived in Romania. Other than expected the aircraft were not assigned to Escadrila 861 Aviatie Lupta operating the MiG-21 Lancer but to a "new" squadron, Escadrila 53 Vânătoare. Escadrila 861 Aviatie Lupta, which moved from Borcea to Mihail Kogalniceanu a few years ago to enable upgrades of their home base Borcea, is still at MK operating their original complement of nine MiG-21MF LanceR-Cs and three MiG-21UM LanceR-Bs.

#### F-16AM

1601	Esc.53	ex FAP/15121,USAF/82-0904	4oct16
1602	Esc.53	ex FAP/15123,USAF/82-0941	4oct16
1603	Esc.53	ex FAP/15124,USAF/82-0944	4oct16
1604	Esc.53	ex FAP/15125,USAF/82-0948	4oct16
1605	Esc.53	ex FAP/15126,USAF/82-0982	15dec16
1606	Esc.53	ex FAP/15127,USAF/82-0999	15dec16
1607	Esc.53	ex FAP/15128,USAF/82-1007	29sep17
1608	Esc.53	ex FAP/15129 USAF/82-1017	4oct16
1609	Esc.53	ex FAP/15130,USAF/82-1022	29sep17

#### F-16BM

1610	Esc.53	ex FAP/15137,USAF/81-0822	4oct16
1611	Esc.53	ex FAP/15138,USAF/83-1167	15dec16
1612	Esc.53	ex FAP/15139,USAF/83-1168	29sep17

With the number of active LanceRs being rather stable with six LanceR-Bs and twenty LanceR-Cs since the retirement of the LanceR-A a couple of years ago, it was a surprise that a "new" LanceR-B emerged from overhaul at Bacau in May 2017. The aircraft, former MiG-21UM 071, was last confirmed active in 2011 and was in storage at Campia Turzii from at least September 2012 to September 2015. It replaced either 172 or 9516 which have not been seen for a while now. Another two-seater that was last seen active in 2011 was 061. The aircraft was last noted with Flotila 95 Aeriana, which ceased operating the MiG-21 around 2012, and was seen test flying freshly painted on 6 December 2017 at Bacau. It will probably replace one of the two-seaters with Esc.711 or 861 that have ran out of hours. Also at least two LanceR-Cs (5801 may17 and 6807 sep17) emerged from repairs and respray at Bacau during the course of 2017. It is probably a sign that they will need the MiG-21s for some time to come which is great news!

## Slovakia

### Letecký útvar MV SR (GV)

When Czechoslovakia fell apart in 1993 the Slovak Republic inherited one Tu-154M (OM-BYO) and two Yak-40s (OM-BYE and OM-BYL) out of the inventory of the Státní letecký útvar, the government flying service. One additional Tu-154 (OM-BYR) was delivered from Russia in 1998. Over the past two years the Slovak government retired their Soviet era VIP transports in favour of second-hand western types. The Tu-154 made a final public appearance at the NATO Days at Ostrava-Mosnov and made its final flight on 27 September 2017 when it was transferred to Kosice for preservation in the local aviation museum. One of the Yak-40s also went to the museum in Kosice in 2016. The other aircraft resides at Zillina airport, probably awaiting its fate.

Two second-hand A319s and two Fokker 100s have been acquired to replace the Tu-154s and Yak-40s. The two Fokkers were acquired from Austrian MJet Aviation and one of the A319s from Comlux Aviation Group in Switzerland. The second A319 is former French Air Force aircraft F-RBFA and VQ-BKK from TAG Aviation Asia. The aircraft will not only be used in the VIP transport role but also in the transport and aeromedical role.

### A319-115CJ

OM-BYA	LU-MV SR	d/d 14jun16	<b>2550</b> aug17
OM-BYK	LU-MV SR	d/d 2sep17	<b>1485</b> sep17

### F100

OM-BYB	LU-MV SR	d/d 26sep16	<b>11368</b> sep17
OM-BYC	LU-MV SR	d/d 29jan17	<b>11403</b> sep17

### Vzdušne Sily Ozbrojených Sil SR (AF)

The Slovak MoD has decided to delay the replacement of its current fleet of MiG-29s. The reason is that it needs the available resources to modernize the army. The Slovak MoD support contract with RAC-MiG is running until late 2019. Delaying the decision to replace the Fulcrums means that the contract with RAC-MiG will have to be prolonged.

The Mi-24 appears to be the cat with nine lives among the helicopters. After the resurrection of the type in Bulgaria and Hungary it seems that it is a type that is hard to retire completely. In Slovakia, unfortunately, the type was not resurrected, but six years after the last flight of the type in Slovak service three of the stored helicopters have been sold to Senegal. The helicopters were overhauled at WZL-1 in Lodz in Poland before being delivered to their new owner.

### Mi-24V

0708	to 6W-HCA	<b>730708</b>
0813	to 6W-HCB	<b>730813</b>
0833	to 6W-HCD	<b>730833</b>

### C-27J

1931	Dopravné Kridlo ex CSX62302	24oct17
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In 2008 the Slovak Air Force selected the C-27J as the successor for its ageing fleet of An-24 and An-26 transports. However, it took until 2014 until a contract was signed. On 24 October 2017, nineteen months after retiring the last An-26, the first of an order for two aircraft arrived at Malacky-Kuchyna. The next aircraft is due in 2018.

### UH-60M

7639	Vrtul'nikové křídlo (VrK)	sep17
7649	Vrtul'nikové křídlo (VrK)	<b>704684</b> sep17

This summer the first two UH-60M Blackhawks were delivered to the Slovak Air Force. Two more are due to follow in 2018, followed by the last five in 2019.

## Spain

### Ejército del Aire (AF)

### A400M

TK.23-02/31-22	Ala 31	#10075, ex Airbus	<b>070</b> dec17
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... Airbus Military f/n **082** nov17  
The fourth Spanish A400M was identified with Airbus at Sevilla by its c/n **082** and Spanish flag.

### EF2000

C.16-35/11-14	Ala 11	ex Ala 14/14-02	<b>SS016</b> nov17
C.16-51/11-21	Ala 11	ex Ala 11/11-17	<b>SS032</b> nov17
C.16-54/11-24	Ala 11	ex Ala 11/11-20	<b>SS035</b> nov17

### SA330L

HD.19-3	pres LEVS	ex std Cuatro Vientos	<b>1254</b> nov17
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This Puma made the move from Maestranza to the museum after some months of storage since its withdrawal from use on 20 April 2017.

### Armada (NY)

### AB212+

HA.18-4/01-308	Eslla 003	f/n post upgrade	<b>5528</b> may17
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## Switzerland

### Schweizer Luftwaffe (AF)

Marking the end of an era? Some news about the F-5E/F Tiger operations as from 1 January 2018: Fliegerstaffel 8 will be disbanded on 31 December 2017, Fliegerstaffel 6 and Fliegerstaffel 19 will continue to fly with the F-5E/F Tiger. Both will fly as a 'Service Staffel' for Aggressor training, TOW, ECM flights etc. No F-5E/F Tigers will be used during Wiederholungskursen and no regular Tiger flights are planned out of Meiringen during the repetition course/WEF 2018.

## United Kingdom

### Royal Air Force (AF)

On 31 March 2018, 12(B)sq is slated to be deactivated at RAF Marham. This will be the second time that this squadron will be disbanded as a Tornado squadron. The first time was on 31 March 2014, but the unit was reactivated again on 12 January 2015. UK Defence Minister Harriett Baldwin recently announced that 12(B)sq will be re-activated at a later point in time as Typhoon squadron at RAF Coningsby. Minister Baldwin also announced that Qatari air and ground crew will be embedded with the squadron as a joint training effort in preparation for delivery of the first Qatari Eurofighters in 2022.

Deep Tornado maintenance will no longer be required as of roughly mid-2018. For that reason, the Combined Maintenance & Upgrade Programme (CMU) at RAF Marham will disband in August 2018.

On 14 December 2017, the eleventh and final F-35B Lightning II for 617 squadron arrived at MCAS Beaufort (SC). This famous squadron is due to be reactivated as the first operational RAF F-35 squadron early 2018. It is currently working up to that moment while embedded with VMFAT-501 at this Marines Corps Air Station. The RAF officially announced that 617sq will move to RAF Marham by the summer of 2018. This delivery brings the total number of F-35B jets on strength with the RAF to fourteen. Three other F-35B aircraft are being used by 17(R)sq at Edwards AFB (CA) where it is embedded with 461st FLTS.

EGDM = Boscombe Down	EGVL = Little Rissington
EGNO = Warton	EGXE = Leeming
EGOE = Ternhill	EGXY = Syerston
EGOS = Shawbury	EGYD = Cranwell
EGOW = Woodvale	EGYR = Watton
EGUB = Benson	KNBC = MCAS Beaufort (SC)
EGQS = Lossiemouth	

ACCGS	Air Cadets Central Gliding School at RAF Syerston
ADSU	Apache Depth Support Unit at Wattisham
Airbus Hel.	Airbus Helicopters UK at Kidlington
Ascent	Military Flying Training System (Helicopter) at RAF Shawbury



Seaking HU5 XV666 has been transferred to civilian company Heli Operations, which is contracted to conduct SAR training for the German Navy. (Portland, 8 November 2017, Martin Fox)

EGUB Pool	33sq, 28(R)sq and 230sq at RAF Benson
CGMF	Central Glider Maintenance Flight at RAF Syerston
CMF	Chinook Maintenance Flight at RAF Odiham
CMU	Combined Maintenance & Upgrade Programme at RAF Marham
DHFS	Defence Helicopter Training School at RAF Shawbury
EGUB Pool	28(R)sq, 33sq and 230sq at RAF Benson
HSF	Hawk Service Flight at RAF Shawbury
Leonardo	Leonardo Finmeccanica at Yeovil
LMTAS	Lockheed-Martin at Fort Worth (TX)
MDMF	Merlin Depth Maintenance Facility at RNAS Culdrose
Membury	Southern Sailplanes at Membury
MPSU	Multi-Platform Support Unit at Middle Wallop
P2MF	Puma HC2 Maintenance Facility at RAF Benson
TASF(S)	Tornado Aircraft Service Flight (South) at RAF Marham
TMU	Typhoon Maintenance Unit at RAF Coningsby
Vector Aerosp.	Vector Aerospace Ltd at Fleetlands
WCM	Wildcat Contract Maintenance at RNAS Yeovilton
WST	Wildcat Storage at RNAS Yeovilton

#### Beech B300C

G-DAYP 14sq c/n correction! **FM-29** oct17

#### Chinook HC4

ZA670	Vector Aerosp.	ex 18(B)sq/AA	<b>M7032</b>	nov17
ZA674/AD	28(R)sq	ex Vector Aerosp.	<b>M7004</b>	nov17
ZA677/AF	28(R)sq	ex CMF	<b>M7012</b>	nov17
ZA682	EGDM	ex 18(B)sq/AJ	<b>M7008</b>	nov17
ZA684	EGDM	ex 18(B)sq/AL	<b>M7011</b>	nov17
ZA704	Vector Aerosp.	ex 1310Fit/AM	<b>M7006</b>	dec17
ZA718	Vector Aerosp.	ex 27sq/BN	<b>M7001</b>	nov17
ZH775	EGDM	ex 18(B)sq/HB	<b>M4451</b>	nov17
ZH891	EGDM	ex Vector Aerosp.	<b>M4454</b>	oct17

#### Chinook HC5

ZH897	QinetiQ	ex 27sq	<b>M4476</b>	nov17
ZH899	18(B)sq	ex 27sq	<b>M4478</b>	oct17
ZH900	27sq	ex CMF	<b>M4479</b>	nov17
ZH903	CMF	ex 27sq	<b>M4482</b>	nov17

#### Chinook HC6

ZK551	7sq	ex CMF	<b>M7702</b>	nov17
ZK553	CMF	ex 7sq	<b>M7704</b>	nov17

#### Chinook HC6A

ZD983/DG	18(B)sq	ex EGDM	<b>M7022</b>	dec17
ZH776/HC	27sq	ex 18(B)sq/HC	<b>M4452</b>	dec17
ZH777	18(B)sq	ex EGDM	<b>M4453</b>	nov17

Prior to its transfer to 27sq, ZH776 spent some time with the Chinook Maintenance Flight (CMF) at RAF Odiham.

#### F-35B

ZM148	KNBC	ex LMTAS	<b>BK-14</b>	dec17
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#### Griffin HT1

ZJ708 FB Helicopters at EGOS, ex 202(R)sq **36301** nov17  
By December 2017, only ZJ239/R seemed to be allocated to 202(R)sq at RAF Valley. It has however not been reported for a few months, but all other helicopters assigned to this squadron had transferred to 60(R)sq at RAF Shawbury by the mentioned month.

#### Griffin HAR2

ZJ703 o/h Cobham at Hurn, ex 84sq **36296** nov17

#### H-125 (AS350B3)

G-ETPE	reg 21nov17 for ETPS	<b>8462</b>
G-ETPF	reg 21nov17 for ETPS	<b>8464</b>
G-ETPG	reg 12dec17 for ETPS	<b>8476</b>

#### Hawk T1A

XX187/187	100sq	ex 736NAS/187	<b>312034</b>	nov17
XX188	Red Arrows	ex HSF	<b>312035</b>	nov17
XX221/221	100sq	ex 736NAS	<b>312057</b>	nov17
XX230	std EGOS	ex 100sq/CM	<b>312066</b>	nov17
XX247	pres EGOW	ex std EGOS	<b>312083</b>	nov17
XX318/CG	100sq	ex uncoded	<b>312143</b>	oct17

Prior to being transferred to 100sq, XX221 spent some time with the Hawk Service Flight (HSF) at RAF Valley.

#### Juno HT1

ZM522/22	Ascent	ex Airbus Hel (G-CKIM)	<b>2026</b>	nov17
ZM525	Airbus Hel as G-CKJX		<b>2031</b>	nov17
ZM526	Airbus Hel as G-CKOC, del 23nov17		<b>2032</b>	nov17
ZM527	Airbus Hel as G-CKOB		<b>2033</b>	nov17
ZM528	Airbus Hel as G-CKOA		<b>2034</b>	nov17

On 5 December 2017, both ZM526 and ZM528 were cancelled again from the UK civil aviation register.

#### F-35B Lightning II

ZM146	KNBC	ex LMTAS	<b>BK-12</b>	nov17
ZM147	KNBC	ex LMTAS	<b>BK-13</b>	nov17

These deliveries bring the total number of RAF F-35s at MCAS Beaufort (SC) to ten. All are intended to be used by 617 squadron once it will be reactivated early 2018.

#### Phenom 100

With the fourth Phenom delivered to RAF Cranwell, and the identity of the fifth one known, it is time for a detailed overview of all five aircraft on order by the Royal Air Force. None have taken up their military identity yet at the time of writing.

ZM333	<b>50000375</b>	ex PR-PHK, del to RAF Cranwell on 10jul17, to G-MEPT (reg 18jul17)
ZM334	<b>50000377</b>	ex N709EE, ex PR-ING, del to RAF Cranwell on



15aug17, to G-MEPS (reg 23aug17)  
 ZM335 **50000380** ex N713TE, ex PR-LTE, del to RAF Cranwell on 09oct17, to G-CJXH (reg 23oct17)  
 ZM336 **50000384** ex N6014A, ex PR-LTF, del to RAF Cranwell on 27nov17, to G-CKCU (reg 05dec17)  
 ZM337 **50000386** ex N60126, ex PR-LTJ, not yet delivered

#### Prefect T1

ZM315 EGYD ex G-CKIV **11137** nov17  
 ZM316 EGYD ex G-CKIW **11138** nov17

#### Puma HC2

XW231 P2MF ex EGUB Pool **1195** nov17  
 ZA939 P2MF ex EGUB Pool **1653** nov17

#### Spitfire LF.IX

MK356/QJ-3 BoBMF ex coded 5J-K **CBAF/IX/1561** nov17  
 This Spitfire was repainted at Biggin Hill to represent EN152/QJ-3 of 92sq in apr43-may43. It is painted in desert colours in honor of F/L Neville Duke (later promoted to S/L rank) who was the highest-scoring allied fighter pilot in the Mediterranean theatre with twenty-seven confirmed victories.

#### Squirrel HT1

ZJ256 to G-BXCE ex DHFS/56 **2971** nov17  
 ZJ260 to G-BXGB ex DHFS/60 **2985** nov17  
 ZJ266 to G-BXIL ex DHFS/66 **2994** nov17  
 ZJ269 to G-BXJN ex DHFS/69 **2999** nov17  
 ZJ275 to G-BXLB ex DHFS/75 **3013** nov17

The retirement of the Squirrel helicopters seems to have started with the first helicopter (ZJ260) being re-entered into the British civil register on 14 November 2017. Additional helicopters followed later in the month.

#### Tornado GR4

ZA463/028 9(B)sq ex CMU **273** oct17  
 ZA560/EB-Q 31sq unit confirmed **082** oct17  
 ZA607/EB-X 12(B)sq ex 41(TES)sq/EB-X **138** nov17  
 ZG777 std EGXE ex 12(B)sq/135 **909** nov17  
 ZG779 std EGXE ex 31sq/136 **911** nov17

#### Tucano T1

The following Tucano aircraft were officially transferred to the Disposal Services Authority (DSA) of the Ministry of Defence. All are stored at RAF Shawbury, and were offered for sale by tender in March 2017.  
 ZF288, ZF350, ZF372, ZF376, ZF414 and ZF449.

#### Typhoon T3

ZJ804 RTP with TMU ex 29(R)sq/804 **BT005** nov17  
 ZK380/380 29(R)sq ex XI(F)sq/380 **BT025** nov17  
 ZK382/382 29(R)sq ex 29(R)sq/BG **BT027** nov17

By November 2017, only the fuselages of ZJ806 and ZJ808 were remaining inside hangar 2 with the Typhoon Maintenance

Unit (TMU) at RAF Coningsby. Both were being stripped for spares under the Return To Parts (RTP) programme.

#### Typhoon FGR4

ZJ913/913	II(AC)sq	ex 1(F)sq/II	<b>BS004</b> nov17
ZJ917/917	3(F)sq	ex XI(F)sq/917	<b>BS008</b> nov17
ZJ919/919	II(AC)sq	ex 6sq/919	<b>BS010</b> dec17
ZJ931/931	6sq	ex II(AC)sq/931	<b>BS022</b> nov17
ZJ934/934	see note	ex coded U	<b>BS025</b> dec17
ZJ947/947	6sq	ex II(AC)sq/947	<b>BS040</b> dec17
ZK307/307	3(F)sq	ex XI(F)sq/307	<b>BS058</b> nov17
ZK311/-	29(R)sq	ex XI(F)sq/-	<b>BS064</b> nov17
ZK312/312	29(R)sq	ex XI(F)sq/312	<b>BS067</b> nov17
ZK314/314	6sq	ex II(AC)sq/314	<b>BS071</b> nov17
ZK317/317	6sq	ex 1(F)sq/317	<b>BS078</b> nov17
ZK321	TMU	ex 6sq/321	<b>BS082</b> nov17
ZK322/322	II(AC)sq	ex TMU	<b>BS083</b> nov17
ZK323/323	6sq	ex TMU	<b>BS074</b> nov17
ZK325/325	3(F)sq	ex XI(F)sq/325	<b>BS086</b> nov17
ZK330	TMU	ex 3(F)sq/330	<b>BS091</b> nov17
ZK332/332	II(AC)sq	ex 3(F)sq/332	<b>BS093</b> nov17
ZK333/333	6sq	see note	<b>BS094</b> nov17
ZK336/336	TMU	ex II(AC)sq/336	<b>BS097</b> nov17
ZK337/337	II(AC)sq	ex 1(F)sq/337	<b>BS098</b> nov17
ZK344/344	6sq	ex TMU	<b>BS105</b> nov17
ZK353	29(R)sq	ex XI(F)sq/353	<b>BS114</b> nov17
ZK364	TMU	ex BAE EGNO	<b>BS125</b> nov17
ZK369/369	II(AC)sq	ex 6sq/369	<b>BS130</b> nov17
ZK372/372	II(AC)sq	ex 1(F)sq/372	<b>BS133</b> nov17
ZK376	41(TES)sq	ex TMU	<b>BS137</b> nov17

By December 2017, ZJ934 was recoded "934" and it was seen being towed into the 6sq hangar. Previously the aircraft was confirmed in temporary storage at RAF Lossiemouth. Has it returned to active duty? In November 2017, ZK333/333 transferred from 1(F)sq to II(AC)sq, but later in the same month it moved on again to 6sq.

#### Vigilant T1

ZH184	std EGVL	ex std EGOE	<b>6532</b> nov17
ZH196	std EGVL	ex std EGYR	<b>6547</b> nov17
ZJ963	std EGXY	ex std EGYR	<b>6571</b> nov17

#### Viking TX1

ZE496	CGMF	ex ACCGS/VB	<b>33880</b> nov17
ZE553/WA	EGXY	ex Membury	<b>33912</b> nov17
ZE587	Membury	ex std EGVL	<b>33934</b> nov17
ZE594/WX	664VGS	ex EGXY	<b>33942</b> nov17
ZE678	CGMF	ex 644VGS/YN	<b>34025</b> nov17

During November 2017, ZE553 was undergoing acceptance trials at RAF Syerston after it was restored at Membury.

#### Army Air Corps (AR)

The first Apache AH1 has been shipped to Boeing at Mesa (AZ) recently. The helicopter will act as pattern aircraft for



Merlin HC4 ZJ120 is a development aircraft for the conversion of the type for the Royal Navy. (Yeovil, 8 November 2017, Martin Fox)



As usual Dino van Doorn provides us with a good selection of photographs, for which we thank him kindly. Seen here is one of the Hazerim-based M346s of 102sq Flying Tigers. Unfortunately, this also means that the A/TA-4Ns are a thing of the past. (7 November 2017)

the AH-64E conversion contract. The helicopter in question is ZJ202, which was stored with the Apache Depth Support Unit (ADSU) at Wattisham since February 2013.

#### Alouette AH2

XR379 to 2-ALOU see note **1583** nov17

This helicopter was sold by the Army Air Corps Historical Flight (AACHF) due to budget constraints. Initially it was reported that it was to be sold to a new owner in Hungary, but as it turns out this appropriate registration was allocated and it remained in the UK. The ownership is now in private hands, but will remain available for the AACHF should they request so.

#### Apache AH1

ZJ181	ADSU	ex 653sq	<b>WAH16</b> nov17
ZJ185	664sq	ex ADSU	<b>WAH20</b> nov17
ZJ186	653sq	ex ADSU	<b>WAH21</b> nov17
ZJ188	ADSU	ex 673(AHTU)sq	<b>WAH23</b> dec17
ZJ191	ADSU	ex Leonardo	<b>WAH26</b> nov17
ZJ202	Boeing	ex std ADSU	<b>WAH36</b> nov17
ZJ205	ADSU	ex 664sq	<b>WAH39</b> dec17
ZJ228	653sq	ex ADSU	<b>WAH62</b> nov17
ZJ229	ADSU	ex 653sq	<b>WAH63</b> nov17
ZJ230	673(AHTU)sq	ex ADSU	<b>WAH64</b> nov17

#### Bell 212 AH2

ZJ964	G-BJGV	canx 22dec17	<b>31171</b>
ZJ966	G-BJJO	canx 22dec17	<b>32134</b>
ZK206	G-CFXE	canx 22dec17	<b>30918</b>

Three former Army Air Corps Bell 212s were stored at Middle Wallop since at least April 2015. They were allocated civil registrations and offered for sale in February 2016. All three have been sold to a new owner in Canada and the helicopters were de-registered in December 2017. By the time these words are being written it is not clear if they already left storage at Middle Wallop where they were still confirmed early-December 2017.

#### Gazelle AH1

XX405	7Regt Conv Flt	ex MPSU	<b>1343</b> nov17
XW847	667(D&T)sq	ex 665sq	<b>1011</b> nov17
ZA766	MPSU	ex 667(D&T)sq	<b>1808</b> nov17
ZA772	655sq	ex Vector Aerosp.	<b>1814</b> nov17
ZB674	Vector Aerosp.	ex 667(D&T)sq	<b>1967</b> nov17
ZB677	o/h with QinetiQ	ex Vector Aerosp.	<b>1978</b> nov17

#### Hawk T1A

XX329/CJ	736NAS	ex 100sq/CJ	<b>312153</b> nov17
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#### Squirrel HT2

ZJ251/51	670sq	ex DHFS	<b>3042</b> nov17
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#### Wildcat AH1

ZZ382	1Regt	ex WZM	<b>501</b> nov17
ZZ383	WZM	ex Leonardo	<b>502</b> nov17
ZZ384	WZM	ex 1Regt	<b>503</b> nov17
ZZ406	Leonardo	ex WST	<b>476</b> nov17
ZZ407	1Regt	ex Leonardo	<b>477</b> nov17

Fleet Air Arm (NY)

#### Hawk T1A

XX200/CO	736NAS	ex 100sq/CO	<b>312047</b> nov17
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#### Merlin HMA2

ZH824	824NAS	ex QinetiQ	<b>RN04</b> nov17
ZH826	QinetiQ	ex 829NAS	<b>RN06</b> nov17
ZH827	QinetiQ	ex 820NAS	<b>RN07</b> nov17
ZH828/(5)88	829NAS	ex 824NAS/(5)88	<b>RN08</b> nov17
ZH831	Leonardo	see note	<b>RN11</b> nov17
ZH833	MDMF	ex 824NAS/(5)82	<b>RN13</b> nov17
ZH853	814NAS	ex 820NAS	<b>RN33</b> nov17
ZH860	820NAS	ex 814NAS	<b>RN40</b> nov17

In 2014, ZH831 was modified with the Vigilance AEW system to act as a prototype in the Crowsnest programme. After testing it was placed in storage at QinetiQ Boscombe Down until 8 November 2017. On this date it transferred to Leonardo at Yeovil where it possibly will be converted to the first production Crowsnest helicopter.

#### Merlin HC3

ZJ119/C	845NAS	ex 846NAS/C	<b>50075</b> nov17
ZJ123/G	845NAS	ex 846NAS/G	<b>50129</b> nov17
ZJ990	MDMF	ex 845NAS/AA	<b>50089</b> nov17

#### Wildcat HMA2

ZZ381	815NAS	ex WCM	<b>500</b> nov17
ZZ516	815NAS	ex 825NAS	<b>521</b> nov17
ZZ518	825NAS	ex Leonardo	<b>523</b> nov17

## Africa

### Algeria

Al-Quwwat Al-Jawwiya Al Djairiyya (AF)  
URRR = Rosotov-on-Donu, Russian Federation

#### Mi-26T-2

...	o/o as 06821	f/n URRR	<b>34001212725</b> dec17
...	o/o as 06822	f/n URRR	<b>3400121272?</b> dec17

## Angola

Força Aérea Nacional de Angola (AF)  
FNCV = Cuito Cuanavale

### AW139

H-900 ex I-EASS f/n DB, Photo **31602** jun17  
H-903 f/n DB, photo **31626** jun17

AW139 with construction number **31626** should be the last "standard" long-nose AW139 produced. After this one Leonardo started the 317.. series with increased gross weight to 7000 kilograms.

### MiG-21bis

C-340 pres FNCV ex Swartkop **N75096900/12** sep17  
This former Swartkop Museum MiG-21 is now preserved in the Heritage Park at Cuito Cuanavale airport together with MiG-23ML C-441 and, former Slovak Air Force, Su-22M-4 4016. Its exact location is most likely 15° 9'39.32"S, 19° 9'56.84"E (it is not visible yet on Google Earth).

### PC-6/B1-H2

I723 ex HB-FGE **715**  
I725 ex HB-FGD f/n DB, photo **736**

A great find from Peter Weinert again was a photo of this Angolan PC-6 I725. It is not sure if its serial is I725 or I725. The same counts for the PC-6 with construction number **715**, with thanks to Markus Herzig from the PC-6 website for this serial.

### Su-30KN

C-126 f/n DB, photo dec17  
Two years later than originally planned the first Su-30Ks finally arrived in Angola. They still wear the same variant of the 'Nile Valley' camouflage as applied on the Su-27s delivered back in 2000.

## Botswana

Botswana Police Service (PO)

### AS350B3

BPS-01 BPS w/o 30jul16 **4567**

It was known that an AS350 of the BDF crashed on this date, but until recently the serial was not yet known. Thanks to the crash list of Airbus Helicopters we now have the serial of the crashed Écureuil.



Most of us only know the Indian-made Dhruv helicopter fitted with skids. The Mauritius Police Force is one of the Dhruv CFW version fitted with wheels which looks rather different. (MPH-07, Mauritius-Seewoosagur Ramgoolam, 5 December 2017, Peter Heeneman)

## Cameroon

Armée de l'Air du Cameroun (AF)  
LMML = Luqa, Malta

### Beech 350i

TR-XRL ex N1109C d/d 11dec17, f/n LMML **FL-1109** dec17  
This Beech 350 was noted at Luqa international airport en-route Cameroon. The construction number plate was photographed and so its new serial number could be confirmed.

## Chad

Armee de l'Air du Chad (AF)

### Ce208B EX

... d/d 30nov17 ex N329ZZ **208B5329** nov17  
... d/d 30nov17 ex N332ZZ **208B5332** nov17

As reported in Scramble 450 – Page 82, Chad, Cameroon and the Philippines each should have received two Cessna 208B Grand Caravan EX aircraft. Both aircraft were noted on 30 November 2017 during a fuel stop at Gran Canaria, Spain.

## Congo

Force Aérienne Congolaise (AF)

### Mi-171

TN-357 f/n DB, photo

## Egypt

al Quwwat Al Jawwiya II Misriya (AF)

LFBD = Bordeaux-Mérignac, France

### Falcon 7X

SU-BTU Gvmt ex F-WWUR **243** dec17  
SU-BTV Gvmt ex F-WWUQ **246** dec17

Egypt ordered four Dassault Falcon 7X jets for the Presidential fleet in 2015. The first two were noted at Bordeaux on 12 December en-route to Cairo.

### Mi-6

824 wfu f/n DB, photo 1968

### Mi-8T

1308 to IDF/AF captured in oct73

On the third night of the Yom Kippur war, 16 October 1973,



Dutch horses are sought after by Qatar. Every now and then this means large transport aircraft visit Schiphol. As the Qatar Emiri Air Force is used for hauling these, two C-17s could be captured. (A7-MAM, Amsterdam-Schiphol, 5 November 2017, Ton Jochems)

the Israelis captured this abandoned, but still airworthy, Egyptian Mi-8. The only thing missing was its nose gear. It was flown to Israel via Refidim (Bir Gifgafa) and was landed without the nose gear on a large tractor tire. It was evaluated by the Israel Air Force and possibly used for clandestine missions. It was passed to the IAF museum at Hatzertim in 1978 and last noted at the Air Force Day in 1983. Later it was sold to the United States for US \$1 million around 1983.

#### Rafale EM

9356	34sq	d/d 28nov17, f/n LFB	<b>DM06</b>	nov17
9357	34sq	d/d 28nov17, f/n LFB	<b>DM07</b>	nov17
9358	34sq	d/d 28nov17, f/n LFB	<b>DM08</b>	nov17

On 28 November 2017 the last three, out of eight, single-seat Rafale EMs departed the Dassault Aviation facilities at Bordeaux-Mérignac to their new home 85 kilometers northwest of Cairo, Gebel El Basur Air Base. Before crossing the Mediterranean Sea they made a tank-stop at Istres-Le-Tubé.

The Egyptian Government is still hoping to convert their option for an additional twelve aircraft into an actual order within a few months. However Egypt has been facing opposition from French Parliament for several months to obtain the same favorable financial package it obtained for the original order. Egyptian president Abdel Fattah al-Sissi asked French president Emmanuel Macron in September to overrule the French Parliament's veto on the sale of twelve additional Rafales, and the French newspaper La Tribune reported on 16 November that the French Foreign Minister Jean-Yves Le Drian visited Cairo to tell President al-Sissi his request had been approved. According to the same newspaper, an Egyptian delegation is currently in France for the final negotiations. It is said that French president intervened to ensure that the Egyptian purchase goes through. Also because Egypt in the past two years spent around 6.8 billion Euro on French military equipment, including the first exported order of the Rafale.

#### S-70A-21

... w/o 21dec17

#### SA342L

3370	f/n DB, photo	<b>1715</b>
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#### Ethiopia

Ye Ityopya Ayer Hayl (AF)

#### F-5A

651	f/n DB, photo
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#### Ghana

Ghana Air Force (AF)

#### Mi-17V-5

G692/UNO-477	3sq	w/o 28oct08	<b>288M03</b>
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#### Madagascar

Armée de l'Air Malgache (AF)

FMMI = Antananarivo-Ivato

#### MiG-21bis

169	ex dump FMMI pres Antananarivo	<b>750_169</b>	aug17
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#### MiG-21UM

291	ex dump FMMI pres. Antananarivo	<b>516999291</b>	aug17
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Both MiG-21s came from the dump of Antananarivo-Ivato and are preserved since at least July 2009 in front of a Technical School in the southern part of the city. Thanks to Thomas Hirt we now have the exact location, which is 18°59'55.65"S, 47°31'48.79"E.

#### Mali

Force Aérienne de la République du Mali (AF)

GABS = Bamako-Senou

#### Ce206

TZ-3..	ex F-WTBU	f/n GABS	dec17
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A very poor photo of this Cessna 206 was found on the internet and unfortunately not the entire serial could be read. This Cessna was donated in February 2014 by the European Union for aerial surveillance. The aircraft was last noted in November 2014 and we have no idea what happened with it in the meantime.

#### Nigeria

Nigerian Air Force [AF]

#### L-39ZA

NAF370	403 FTS	f/n DB, photo
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#### Senegal

On 30 November 2017 the remaining two, out of three, fully overhauled former Slovak Mi-24Vs were transferred on board an An-124 to Dakar. The refurbished helicopters, the 6W-HCB (c/n **730813**) and the 6W-HCD (c/n **730833**) were sold by a private Polish company to the Senegalese Armed Forces. The first overhauled Mi-24, the 6W-HCA (c/n **830708**) was delivered in January this year.

#### South Africa

South African Air Force/Suid Afrikaanse Lugmag (AF)

Twelve former South African Air Force Cheetahs, nine Cheetah C (single-seat) and three D (Dual-seat) models, owned by Denel, the South African government-owned defence and technology conglomerate, are sold to the American company Draken International based in Florida. The contract includes return to service of the aircraft and flight acceptance tests in South Africa, as well delivery of the aircraft to the United States. Besides the well-known A-4 Skyhawks, Draken International also has the L-39, L-159 and MB-339 in their

inventory and they also recently bought 22 former Spanish Air Force Mirage F1Ms. The Cheetahs are expected to be operational with Draken by mid-2018.

**TP-1 Oryx**  
1236                      22sq                      w/o 10dec17                      **36**

## Zambia

Zambia Air Force (AF)

In an article published in the Lusaka Times on 17 December, Zambia Air Force Deputy Commander, Major General David Muma, was reported to have said at an annual ball at Livingstone Air Base (AB) that two Spartans would be delivered in the first quarter of 2018. Leonardo already announced in September 2015, see also Scramble 438, that it had an order for two C-27Js aircraft from an African country that had requested anonymity.

## Asia

### Afghanistan

Afghan Air Force (AF)

India is again willing to help Afghanistan in strengthening the air capabilities of the Afghan Air Force. India is considering buying several second-hand Russian-made Mi-35 Hind helicopters for the Afghan Air Force from other countries. It is unknown which countries are involved in supplying the helicopters and if these helicopters will first be updated by India before delivery to Afghanistan.

Exactly two years ago, during a visit to Delhi on 7 and 8 November 2015, the Afghan National Security Adviser Hanif Atmar was discussing the transfer of attack helicopters from India to Afghanistan. The visit by Mr. Atmar, who was accompanied by Deputy Foreign Minister Hekmat Khalil Karzai, was seen as a "reach out" by the Afghan government as it faced a severe security crisis, and officials told The Hindu that India is discussing the transfer of four Russian-made Mi-35 helicopters. This resulted in the delivery of four Mi-35 helicopters. Afghan serials for these Mi-35s are 119, 120, 121 and 122. Their Indian AF serial tie-ups are not known, but candidates are Z3099, Z3100, Z3102 and Z3142.

### Bangladesh

Bangladesh Biman Bahini (AF)

**AW119Kx**

135                      18sq                      known delivery

This is the serial of the second one, the other is 136.

**F-7BG**

F940                      5sq                      c/n update                      **1024** aug17

**JF-17**

17-247                      PAC Kamra                      f/n                      **2P47** dec17

With the 47th out of fifty Block II aircraft seen in a complete state, the production of this contract is nearing its end. There will be a lapse before the future Block III aircraft will start production. The gap will likely be filled by producing a small number of export aircraft and maybe some dual-seat aircraft. Production of the latter is currently underway in China.

**PT-6**

2703                      11sq                      f/n                      dec17

2704                      11sq                      f/n                      dec17

2711                      11sq                      f/n                      dec17

## China

People's Liberation Army Air Force (AF)

**H6K**

10091                      8th Div/22nd Reg                      nov17

10092                      8th Div/22nd Reg                      nov17

20116                      10th Div/28nd Reg                      dec17

41072                      36th Div/108th Reg                      nov17

41073                      36th Div/108th Reg                      nov17

41078                      36th Div/108th Reg                      nov17  
41079                      36th Div/108th Reg                      nov17  
41170                      36th Div/108th Reg                      nov17

**II-76MD**

20547                      13th Div/38th Reg                      dec17

21143                      13th Div/39th Reg                      dec17

**J7II**

10586                      7th Div/20th Reg                      dec17

**J7G**

68211                      70th Brigade                      dec17

The sighting of this J7G confirms that the 14th Division/40th Regiment has also converted to a Brigade. It can be expected that soon also 42nd Regiment, home of Ba Yi will convert to a Brigade.

**J10A**

61792                      8th Brigade                      nov17

73055                      124th Brigade                      dec17

73151                      124th Brigade                      dec17

78112                      FTTC/170th Brigade                      dec17

**J10B**

67121                      61st Brigade                      dec17

**J10C**

74523                      131st Brigade                      dec17

74528                      131st Brigade                      nov17

**J10S**

67526                      61st Brigade                      dec17

67528                      61st Brigade                      sep17

**J11A**

65416                      40th Brigade                      nov17

65512                      40th Brigade                      nov17

65229                      41st Brigade                      dec17

**J11B**

61021                      1st Brigade                      dec17

61121                      1st Brigade                      dec17

61123                      1st Brigade                      dec17

61221                      1st Brigade                      dec17

70200                      89th Brigade                      nov17

70167                      95th Brigade                      nov17

**J11BS**

61327                      9th Brigade                      dec17

70061                      95th Brigade                      nov17

**JH7A**

62168                      15th Brigade                      nov17

62269                      15th Brigade                      nov17

64226                      31st Brigade                      dec17

69045                      83rd Brigade                      nov17

69142                      83rd Brigade                      nov17

**JJ7A**

10886                      7th Div/20th Reg                      dec17

**JL9**

1833                      Harbin FA/3rd Br                      dec17

By now it can be concluded that starting 2016 the JL9s have take over the training role from the JL8 within the Regiment.

**KJ500**

30073                      26th Div/77th Reg                      nov17

**KJ2000**

30572                      26th Div/78th Reg                      dec17

30573                      26th Div/78th Reg                      nov17

The increased flying activities of the PLAAF around Taiwan and Japan offer a great opportunity to get many new serials on H6, Su-30/J11, Y8 recce/AWACS versions and the KJ2000.

**Su-30MKK**

61074                      6th Brigade                      dec17

62301                      9th Brigade                      dec17

62302                      9th Brigade                      nov17

62305                      9th Brigade                      dec17

69064                      83rd Brigade                      dec17

The sighting of Su-30 31074 comes as a surprise as the Brigade is receiving Su-35s. The role for these Su-30s is yet unknown.



Several Republic of China Air Force (RoCAF) aircraft were adorned with special tails over the last weeks. Seen here is F-CK-1D registered 1627/88-8188 of the Tainan based 1st Tactical Fighter Wing landing at Hsinchu AB for the yearly Open Day in November. (Hsinchu, 20 November 2017, Arnold ten Pas)

#### Su-35

On 1 December another five Su-35s were delivered to China (Suixi) bringing the total to fourteen, ten short of the 24 ordered. The delivery also revealed a discussion on the internet whether any more of these aircraft are needed, as the J20 is believed to be as great a platform as, or even better than, the Sukhoi and all peculiarities of the Su-35 can also be learned from fourteen airframes. In December TASS reported fifteen aircraft had been delivered, but then we have one frame unaccounted for.

**Y5**  
53512 Transport Regiment Western TC nov17

**Y8C**  
6012 15th ABC nov17

**Y8T**  
30275 26th Div/77th Reg **411801** aug17

**Y9**  
10250 4th Div/10th Reg dec17  
People's Liberation Army (AR)

**Y9**  
LH94011 81st Brigade del 15dec17

**Z8A**  
LH97802 80th Brigade dec17  
LH912811 121st Brigade nov17

**Z19**  
LH97976 80th Brigade dec17  
LH97982 80th Brigade dec17  
LH99989 79th Brigade dec17

People's Liberation Army Navy (NY)

**J11BH**  
83387/37 8th Div/24th Reg dec17

**J11BSH**  
83287/27 8th Div/24th Reg dec17

**JL8**  
83201/21 83rd Brigade nov17  
83206/26 83rd Brigade nov17  
83207/27 83rd Brigade nov17

#### Z9D

9776 2nd Div/5th Reg dec17  
9816 2nd Div/5th Reg dec17

Police (PO)

#### Z8AWJ

WJ528301 WJS/Ningxia Corps dec17

Manufacturers

#### AG600

B-002A AVIC/CAIGA f/f 24dec17

As reported live on Chinese television, on 24 December the AG600 amphibian made its first flight. With a length of 36.9metres and span of 38.8, it is the largest modern time amphibian flying around. The aircraft is intended for SAR missions and might also become available for forest firefighting. The navy used to operate the SH5 amphibian flying from Qingdao, but its anti-submarine warfare tasks were taken over by the Y8Q in 2015.

#### JF-17B/FC-1B

02 CAC/PAC f/f 7 dec17

The second prototype of the JF-17B made its first flight from Chengdu, still unpainted.

#### L-15B

On 21 December the first Hongdu L-15B took to the air for the first time. Painted in camouflage with Chinese roundel one can suspect that this light fighter is not only intended for export, but might also attract interest from both the PLAAF and the PLAN. Known changes compared to the L-15 include hardpoints under the wing and improved electronic systems.

#### India

Indian Defence (DF)

On 22 December 2017, Hindustan Aeronautics Limited (HAL) received a Request for Proposal (RFP) from the Indian Air Force and Indian Army to manufacture fifteen limited series Light Combat Helicopters (LCH).

The Light Combat Helicopters (LCH) is a 5.5-ton class, combat helicopter designed and developed by HAL. It is powered by two Shakti engines (a derivative of the Turbomeca helicopter engine) and inherits many technical features of the

Advanced Light Helicopter. On 26 August 2017, the Defence Minister launched the production of the LCH at HAL Bengaluru and the Initial Operational Clearance (IOC) documents of the basic version were handed over to HAL by the Centre for Military Airworthiness and Certification (CEMILAC).

The RFP for the LCH comes close on the heels of HAL receiving an RFP for the supply of 83 Light Combat Aircraft (LCA) just two days before.

#### Bharatiya Vayu Sena (AF)

On 17 December 2017, the Indian Air Force officially said goodbye to the venerable Mi-8 transport helicopter after 46 years of service. The last operational unit, 112HU Thoroughbreds flying from Yelahanka AFS, disbanded on 17 December 2017. The more recent versions of the Mi-8 active within the Indian military are the Mi-17-1V and Mi-17V-5.

The Indian Air Force are on the brink of inking the deal for the latest batch of 48 Mi-17V-5 transport helicopters. The first negotiations for this contract already started in September 2015 and are aimed to be concluded with the signing of the contract in 2018. Russian Helicopters has already delivered 151 Mi-17V-5 helicopters to the Indian Air Force so far.

On 20 December 2017, the Indian Air Force has formally asked Hindustan Aeronautics Ltd (HAL) to submit its proposal for manufacturing 83 Tejas fighter aircraft, consisting of 73 Tejas Mk1A and ten Tejas training aircraft. Hindustan Aeronautics Ltd will submit its proposal within ninety days. If the proposal will be agreed upon, the first Tejas aircraft from this new batch can be ready for first flight by 2019. However, looking at the track record of the introduction of the Tejas aircraft for final operational clearance this will become a real challenge.

Also on 20 December 2017, clearance was given by India's Defence Acquisition Committee to buy the world's last available white-tail Boeing C-17A Globemaster III transport aircraft. With this clearance, the defence ministry will now send the formal letter of acceptance (LoA) to Washington. Already on 27 June 2017, the US State Department approved the possible sale of this C-17A Globemaster III. The aircraft, registration N272ZD and FMS 14-0003, was first noted in August 2014 and flown to Kelly AFB (TX) in November 2015 for storage.

However due to repeated delays by the Indian defence

ministry to send the formal Letter of Acceptance to Washington, the original due date of October 2017 slipped by. According to defence sources an extension was requested from Washington to extend the date until November 2017. A further extension has been sought until 2018 and that could have derailed the complete process. With the aforementioned clearance, this unwanted delay in the acquisition process was halted.

Another type within the active Indian Air Force service that sees re-registration is the BAe748 transport aircraft. The first one was seen at Mumbai on 11 December 2017. The new serial range conflicts with that of the Light Combat Aircraft (LCA) in the KH2xxx series. Future will tell.

#### BAe748-247 (HAL)

KH1528 HQ Ft SWAC f/n, ex H1528 566 dec17

#### Mi-8T

Z2453 ex 112HU last flight 17dec17, type officially wfu

#### MIG-29

KB731 f/n 296052xxxx/3012 may16

Indian Border Security Force (GV)

For the below mentioned ERJ135 it is not yet confirmed if this is a new aircraft or a re-registration of their current ERJ135BJ VT-BSF.

#### ERJ135BJ

KE3605 BSF f/n, ex VT-BSF? dec17

#### Japan

Rinji F-35 Hikotai was formed at Misawa on 1 December 2017 as the first operational trial-unit for F-35 operations within the JASDF. When sufficient F-35s are available and the unit is operational it ultimately will become 302 Hikotai, perhaps first named Rinji 302 Hikotai while the Hyakuri F-4EJ operations of 302 Hikotai are terminated. In the past, Hiko Kaihatsu Jikkendan at Gifu was the first JASDF unit to receive new aircraft for test and evaluation duties before inducting the new type into operational units.

According to several sources, the decision on the future JASDF advanced fighter will be delayed, possibly after 2018. This in itself poses a risk as it will then not be included in the next five-year defence plan (starting April 2019), which allocates funds for defence equipment. Meaning serious money needed



Ching-Kuo 84-8045 from 3TFW at Taichung-Ching Chuan Kang was one of the participants at the 2017 Hsinchu airshow. The aircraft is seen here wearing non-standard tail markings. (Taichung, 7 December 2017, Robbert Snijders)

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This year's Dubai airshow saw a large contingent of visitors but of course also the UAE Air Force gave acte de presence. F-16E 3081 is one of the 80-strong fleet originally delivered. (Dubai, 15 November 2017, Jan Gerrits)

for the massive task of developing a new fighter (indigenous or together with other manufacturers) could only become available after 2024 and pushes an in-service date even further back.

These Japanese struggles all date back to the decision of the USA to deny Japan its number one fighter of choice, the F-22 Raptor. Our money for the moment is on procuring more F-35s, not only to replace the F-4EJ Phantom but also the Mitsubishi F-2, to further upgrade the F-15J which has to soldier on till the future advanced fighter becomes available.

We reported the JASDF's wish to procure more tanker aircraft long ago, and finally Boeing can officially start building the first KC-46 for Japan as the USAF has awarded a contract via the FMS program, making this the first foreign sale for this Boeing 767 clone.

As already expected but at the time not possible because of Japanese law, a recent change in these regulations saves the Philippines a lot of money. The original lease of TC-90 aircraft (for a friendly price) is now changed to a free gift. Two aircraft are already delivered and three more will follow in 2018. The Philippine Navy unveiled one TC-90 with a new grey colour scheme and serial 390 in November.

The first Mitsubishi produced F-35A was ferried to the USA via future base Misawa. In CONUS it will be evaluated and tested to ensure the production line at Nagoya is following all standards.

RJAK = Kasumigaura	RJCO = Okadama
RJCT = Obihiro	RJNA = Nagoya/Komaki
RJNG = Gifu	RJOE = Akeno
RJSN = Niigata	RJSU = Kasuminome
RJTC = Tachikawa	RJTU = Utsunomiya
ADC = Shireibu Hikotai	ADTW = Hiko Kaihatsu Jik.
ARS = Kyunantai	ARW = Koku Kyunandan
ATS = Kyoiku Kokutai	FTS = Kyoiku Hikotai
FTW = Hiko Kyoikudan	1TS = 1 Jyutsuka Gakko
nmks = no tail unit-number	

Nihon Koku-Jieitai (AF)

#### C-1

78-1023	Iruma	scrapped	<b>8023</b>	nov17
78-1024	o/h RJNG	nb, test, ex 403 Hikotai	<b>8024</b>	sep17
18-1031	402 Hikotai	ex IRAN, 402 Hikotai	<b>8031</b>	oct17

Seventeen C-1s remain active including one at Gifu for IRAN, the status of two more is uncertain. C-1 023 was reduced to a big pile of scrap metal, probably removed by now.

#### C-2

78-1206	Team 403 Hik	d/d 1nov17, ex KHI	<b>6</b>	dec17
88-1207	Kawasaki HI	f/n, f/f 22dec17	<b>7</b>	dec17

C-2 206 was delivered to Miho in November but still had no badge applied half December. First digit of the serial of 207 was not visible on the photographs but most probably '8' as it will be delivered in 2018.

#### E-2D

81-3471	NorthropGrum.	US Navy mks		dec17
81-3472		delivery planned 2018		

First E-2D for the JASDF was photographed on a test flight out of Melbourne (FL) and wears its JASDF serial but is in US Navy markings including the FMS BuNo below the tail, unfortunately too small to be deciphered. First flight from the Northrop-Grumman centre at St. Augustine (FL) was performed on 13 November 2017.

#### F-2A

03-8505	6 Hikotai	nb, ex IRAN	<b>1005</b>	dec17
13-8508	6 Hikotai	ex IRAN	<b>1008</b>	nov17
13-8520	8 Hikotai	nb, ex IRAN	<b>1020</b>	nov17
43-8525	o/h RJNA	nb, ex 3 Hikotai	<b>1025</b>	nov17
43-8528	8 Hikotai	ex 6 Hikotai	<b>1028</b>	nov17
43-8530	o/h RJNA	nb, ex 1TS	<b>1030</b>	dec17
73-8542	6 Hikotai	ex nb/IRAN	<b>1042</b>	nov17
93-8553	ADTW	nb, ex IRAN, ex ADTW	<b>1053</b>	dec17

#### F-2B

03-8103	21 Hikotai	ex nb/IRAN	<b>3003</b>	dec17
23-8111	o/h RJNA	nb, ex 21Hik/tsunami	<b>3011</b>	dec17
23-8115	ADTW	ex 6 Hikotai	<b>3015</b>	nov17
33-8119	o/h RJNA	nb, ex 21Hik/tsunami	<b>3019</b>	dec17

Another two F-2Bs repaired after sustaining water damage during the tsunami of March 2011, about to join (probably) 21 Hikotai at Matsushima.

#### F-4EJ

47-8336	ADTW	ex IRAN	<b>M036</b>	dec17
87-8409	ADTW	digital camo c/s	<b>M109</b>	nov17

F-4EJ 409 had a spectacular camo applied for the Gifu open day, it will hopefully last for some time.

#### F-4EJ Kai

57-8367	302 Hikotai	nb, ex IRAN	<b>M067</b>	oct17
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#### RF-4EJ Kai

67-6380	o/h RJNA	nb, ex 501 Hikotai	<b>M080</b>	feb17
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A search on the net found a picture of this recce-Spook arriving at Nagoya.

#### F-15DJ

12-8051	ADTW	ex 23 Hikotai	<b>001/627</b>	dec17
32-8058	23 Hikotai	nb, ex IRAN	<b>815?</b>	nov17
82-8066	203 Hikotai	ex nb/IRAN		nov17
92-8068	23 Hikotai	nb, ex IRAN, ex 23 Hikotai		dec17
02-8072	23 Hikotai	Nyutabaru 60th ann. mks		dec17
02-8073	23 Hikotai	Nyutabaru 60th ann. mks		dec17



Last two F-15DJs received special tail markings for the Nyutabaru open house, not very sensational and these will not last until the new year.

#### F-15J

32-8825	305 Hikotai	nb, ex IRAN	<b>025</b>	dec17
42-8829	o/h RJNA	nb, test, ex 303 Hikotai	<b>029</b>	nov17
42-8838	23 Hikotai	ex nb/IRAN	<b>038</b>	dec17
42-8842	201 Hikotai	ex IRAN	<b>042</b>	dec17
52-8847	23 Hikotai	ex IRAN	<b>047</b>	dec17
52-8858	o/h RJNA	nb, test, ex 23 Hikotai	<b>058</b>	dec17
52-8863	203 Hikotai	ex IRAN	<b>063</b>	nov17
62-8865	o/h RJNA	nb, ex 305 Hikotai	<b>065</b>	oct17
82-8904	201 Hikotai	nb, ex IRAN	<b>104</b>	dec17
92-8908	204 Hikotai	ex AGG	<b>108</b>	dec17
02-8916	304 Hikotai	t/d badge, ex 306 Hik	<b>116</b>	dec17
02-8922	o/h RJNA	nb, ex 204 Hikotai	<b>122</b>	dec17
12-8926	306 Hikotai	ex IRAN	<b>126</b>	nov17
22-8932	o/h RJNA	nb, test, ex 304 Hikotai	<b>132</b>	dec17
42-8947	304 Hikotai	304Hik 40th ann. c/s	<b>147</b>	dec17
52-8953	o/h RJNA	nb, ex 201 Hikotai	<b>153</b>	nov17
72-8962	204 Hikotai	ex 201 Hikotai	<b>162</b>	dec17

304 Hikotai is celebrating its fortieth anniversary and F-15J 947 received large versions of the hikotai badge (the goblin head) on the vertical tail and on top of the wings and fuselage.

#### F-86F

92-7922	Tsuiki	fwd fuselage inside	<b>256-42</b>	dec17
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Sometimes one can find unknown treasures on the internet. A picture was found showing the (forward only?) fuselage of this Sabre inside a sort of traditions room at Tsuiki.

#### CH-47J

37-4489	ARW	no unit sticker	<b>5068</b>	dec17
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Our guess is it is a Fukuoka/Kasuga-based asset.

#### UH-60J

98-4589	ARW	Niigata 55th ann. mks	<b>2039</b>	nov17
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#### UH-60J II

78-4605	Mitsubishi HI	f/n, test at Komaki	<b>2055</b>	nov17
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#### T-4

16-5659	13 FTW	ex IRAN	<b>1059</b>	may17
16-5666	11 Hikotai	BlueImpulse, ex IRAN	<b>1066</b>	oct17
16-5667	6 Hikotai	ex IRAN	<b>1067</b>	oct17
16-5670	301 Hikotai	ex IRAN	<b>1070</b>	dec17
26-5677	o/h RJNG	nb, ex 306 Hikotai	<b>1077</b>	sep17
26-5685	ADTW	ex IRAN, ex 32FTS	<b>1085</b>	oct17
36-5703	o/h RJNG	nb, ex 8 Hikotai	<b>1103</b>	dec17
46-5719	ADC	ex IRAN, 204 Hikotai	<b>1119</b>	oct17
56-5738	32 FTS	ex IRAN	<b>1138</b>	dec17
56-5739	302 Hikotai	ex IRAN? ex 305Hik	<b>1139</b>	dec17

26-5804	11 Hikotai	w/o 11mar11	<b>1204</b>	dec10
26-5807	32 FTS	ex 13 FTW	<b>1207</b>	dec17

T-4 666 is supposed to be delivered to the Blue Impulse but only a very long distance shot was found on the internet, the serial could not be seen. A previous Blue Impulse asset, 804, was damaged beyond repair during the tsunami of 2011 but the vertical tail is now a monument at Matsushima.

#### T-7

86-5949	11 FTW/red	ex IRAN, 12 FTW	<b>49</b>	nov17
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#### U-125A

92-3010	RJSN ARS	55th ann. c/s	<b>258341</b>	nov17
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#### X-2

51-0001	TRDI, wfu	red/white/blue c/s		nov17
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The test program was concluded at the end of October 2017. Time will tell if this means the end of all flying operations for this test-bird.

#### YS-11P

52-1152	Nagoya/Komaki Aichi Museum of Flight		<b>2009</b>	oct17
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Was seen being towed to this museum where it joined several other (civilian) aircraft and helicopters, among them a MU-2 and MU-300.

Rikujo Jieitai (AR)

#### AH-1S

73419/IATH	wfu RJAK	in storage hangar	<b>19</b>	may17
73480	IVATH	ex IIIATH (l/n apr16)	<b>80</b>	nov17
73482/82	IATH	TDY RJOE, ex VATH	<b>82</b>	nov17

JG-3419 still looked fully operational, rotors attached and no taped over exhausts and equipment. JG-3482 was last noted with IVATH May 2011.

#### UH-1J

41804	no code RJCO	ex TDY RJTU, ex EH	<b>1J04</b>	oct17
41805	I	ex S	<b>1J05</b>	nov17
41806	V?(nn RJCT)	ex EH, S	<b>1J06</b>	sep17
41810	no code RJCO	ex NH	<b>1J10</b>	may17
41811	MH	unit confirmed	<b>1J11</b>	mar17
41814	XIII	ex II/TDY RJTU	<b>1J14</b>	may17
41815	no code RJSU	ex NEH	<b>1J15</b>	apr17
41820	active RJAK	ex i/a, unit nn	<b>1J20</b>	dec17
41821	XI	ex TDY RJTU(jan15)	<b>1J21</b>	sep17
41830	VII	ex TDY RJTU(nov13)	<b>1J30</b>	feb17
41835	MH	unit confirmed	<b>1J35</b>	oct17
41836	WH	ex MH(oct12)	<b>1J36</b>	jan17
41838	NEH	ex MH(apr15)	<b>1J38</b>	sep17
41897	I	ex EH	<b>1J97</b>	nov17
41915	V	ex IX	<b>1J115</b>	nov17
41919	no code RJTC	ex VI	<b>1J119</b>	nov17



The Japanese navy is in the process of replacing its SH-60Js with new SH-60Ks. New built 8455 seen here conducting a testflight from Nagoya-Komaki where the type is manufactured by Mitsubishi Heavy Industries. (Nagoya-Komaki, 24 October 2017, Stefan Goossens)



In 2017 304 Hikotai based at Naha celebrated its 40th anniversary. The unit relocated from Tsuiki to Naha in January 2016. For its anniversary the aircraft received special markings that can be seen on this picture. (Naha, 1 December 2017, Paul Betten)

#### OH-6D

31173/XI	Tachikawa	pres.behind gate, ex i/a	<b>6477</b>	nov17
31261	WH	ex II(jun10)	<b>6572</b>	dec16
31265	?	unit nn Fuji, ex SU	<b>6576</b>	aug16
31266	MH	ex IX(sep15), SU	<b>6577</b>	nov16
31271	EH	at RJAK, prob. not wfu!	<b>6582</b>	may17
31272	wfu?	ex SU	<b>6583</b>	
31281	unit nn RJSU	l/n as SU	<b>6593</b>	apr17
31286/EH	wfu/std RJAK	winter camo	<b>6598</b>	may17
31289	X	ex XIII	<b>6743</b>	nov17
31290	V	ex XI	<b>6744</b>	nov17
31294	V	ex IRAN, ex VII	<b>6748</b>	jan17
31297	VII	ex IRAN(dec14)	<b>6751</b>	sep16
31298	WH	ex IV	<b>6752</b>	nov17
31299	IHB	ex XIV	<b>6753</b>	nov17
31301	status?	not seen since sep99	<b>6755</b>	
31307	IV?	ex IRAN, unit surmised	<b>6761</b>	apr17
31313	XIIIH	ex IRAN	<b>6767</b>	oct17

JG-1265 and JG-1281 definitely had unit-codes applied, unfortunately not confirmed. Both were last seen in 2014/15 as training helicopters at Utsunomiya with SU unit code and white last two on nose and doors. JG-1281 was noted at Takayubaru in April 2015 where we presumed it was in use as instructional airframe. This was probably not the case as it was seen flying at Kasuminome. JG-1286 was seen inside a storage hangar next to four AH-1s, main rotors were removed so we presume it is withdrawn from use.

#### CH-47J

52902	ex HGPIV	cvtd to CH-47JA	<b>5003</b>	oct15
52922	no code RJOE	ex HGPIV	<b>5032</b>	nov17
52930	XIIIH	ex IRAN	<b>5044</b>	oct17

#### CH-47JA

52902	Kawasaki HI	for HGPIV	<b>5003</b>	dec17
52970	XVH	ex HGPIII	<b>5078</b>	dec17
52986	Kawasaki HI	f/n nov17, for HGPV	<b>5101?</b>	dec17

JG-2902 is the second CH-47J converted to CH-47JA, after JG-2917. For the record, it was originally supplied in kit-form to Kawasaki and had a Boeing c/n and customer number assigned, **M4003/MQ002**.

#### UH-60JA

43109	S	ex IRAN	<b>4009</b>	nov17
43123/23	S	ex WH	<b>4023</b>	nov17
43137	VIII?	unit never confirmed	<b>4037</b>	apr17
43139	VIII?	unit surmised	<b>4039</b>	apr16

#### AH-64DJP

74503	IIIATH	ex S	<b>JP003</b>	nov17
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#### Kaijo Jieitai (NY)

<b>SH-60J</b>				
8282	21 Kokutai	w/o 26aug17	<b>1073</b>	nov16

#### UH-60J

8967	72 Kokutai	ex IRAN/nmks	<b>3007</b>	sep17
8971	72 Kokutai	ex 73 Kokutai	<b>3011</b>	nov17

#### SH-60K

8411	21 Kokutai	ex 22 Kokutai	<b>5011</b>	nov17
8423	o/h RJNA	nmks, ex 23 Kokutai	<b>5023</b>	dec17
8435	23 Kokutai	ex IRAN(apr15)	<b>5035</b>	may17
8454	23 Kokutai	ex MHI, not 21Kok	<b>5054</b>	nov17
8455	Mitsubishi HI	f/n, for 21 Kokutai	<b>5055</b>	dec17
8456	Mitsubishi HI	f/n, for 22 Kokutai	<b>5056</b>	dec17
8457	Mitsubishi HI	f/n, for 22 Kokutai	<b>5057</b>	dec17

#### USH-60K

8901	51 Kokutai	o/h MHI, red/white c/s	<b>5001</b>	dec17
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#### P-1

5514	3 Kokutai	ex Kawasaki	<b>14</b>	nov17
5515	Kawasaki HI	f/n, test at Gifu	<b>15</b>	dec17

#### P-3C

5067	? Kokutai	nmks, ex 203 ATS	<b>9064</b>	dec17
5089	51 Kokutai	ex nmks	<b>9086</b>	dec17
5095	? Kokutai	nmks, ex 3 Kokutai	<b>9092</b>	nov17
5096	2 Kokutai	ex rework Nippi Ind.	<b>9093</b>	oct17

#### US-1A

9089	ex 71 Kokutai	wfu 2016	<b>2019</b>	may16
9090	ex 71 Kokutai	wfu 14dec17	<b>2020</b>	dec17

71 Kokutai at Iwakuni now only operates the US-2. US-1A 9089 was last seen inside a hangar in May 2016. Final fate for these two frames is unknown, hopefully one will be preserved somewhere.

#### Myanmar

##### Tamdaw Lay (AF)

On Friday 15 December 2017, the Myanmar Air Force celebrated its anniversary at Meiktla Air Force Station. On this yearly celebrated anniversary day, the air force officially commissions new equipment. In 2017, the new equipment consisted of ten new aircraft, of which six were Yak-130 training aircraft. Further aircraft were two unknown ATR42 MPA aircraft and two Fokker 70 VIP transport aircraft, of which one is still unknown.

#### Yak-130

1804	1FTS	f/n active	<b>130 12 03-0104</b>	dec17
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## Pakistan

### Pakistan Fiza'ya (AF)

Pakistan inaugurated a new air base southwest of Hyderabad, PAF Bholari, 25°14'37.73"N, 68°02'7.16"E. This is named after the previous base on the outskirts of Hyderabad that is now in a forlorn state. Marking its inception, 19 squadron moved there with their former Jordanian F-16A/B ADF.

### AW139

...	del 23nov17	ex CSX81922	<b>31781</b>	oct17
...	del 23nov17	ex CSX81923	<b>31782</b>	nov17

Logically, these should receive serials 17-003 and 004.

### Ce550 Bravo

EYE75	VVIP Fit	ex 1003	<b>550-1003</b>	oct17
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It was at Zurich, Switzerland, for maintenance this autumn.

### F-6

1606	Air War College	ex std PAF Museum		sep17
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Last noted in PAF Museum's storage, it was refurbished and now sits in front of the Air War College, in the military area opposite Sharea Faisal air base.

### F-16B MLU

82608	9sq	cvtd from F-16A-15CF	<b>5H-8</b>	mar16
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### JF-17

15-206	nm	f/n, photo		2017
16-222	nn	del, f/n		nov17
16-223	14sq	del, ex PAC Kamra	<b>FC10223</b>	nov17
16-229	nm	ex '229' red, now in fcs		2017

### Pakistan Fauj (AR)

### AB205A

...	pr Islamabad	ex ...?		oct16
302	act, Qasim	ex IRN 4-4302	<b>4078</b>	2017
306	active	ex IRN 6-4306		2017
321	wfu	ex IRN 6-4321	<b>4111</b>	aug07
322	wfu	ex IRN 6-4322	<b>4112</b>	
323	wfu	ex IRN 6-4323	<b>4113</b>	2013
346	active	ex IRN 6-4346	<b>4186</b>	2017
352	w/o 23/24apr93	ex IRN 6-4352	<b>4253</b>	apr93
364	wfu Qasim	ex IRN 6-4364	<b>4266</b>	apr02
401	wfu	ex IRN 5-4401?		sep03

Some information has come to light about the former Iranian AB205s. Three of the ten are still operational. The others are either withdrawn or have crashed. Above is what we know about the aircraft that were received in 1974. Some wear/wore the last three, last four or even former Iranian serial on the tail. Usually, the last three were/are also painted on the door and or nose of the aircraft.



Recently, Jordan lost one of its freshly delivered Grob 120TPs. Luckily, this 450 was not involved and was parked at the static of Dubai airshow. With well over 100 delivered to seven air forces, the type is an established platform. (Dubai, 15 November 2017, Martijn de Wit)

### AH-1F

786-026		f/n		sep17
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### AS550C3

786409	del	f/n ops		nov17
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### Ce208B EX

705		f/n		nov17
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According to the photographer, this should be **208B-5276** and that does tie in with our assumptions...

### MFI-17

77-5050/050		f/n		sep17
89-5194/194		f/n		sep17

### Mi-17

58663	pres	Rawalpindi, PB	<b>202M37</b>	nov17
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This was being towed through the city June 2017, allegedly after a precautionary landing at Ayub Park. As it turns out, it was actually being towed there for preservation. It was seen there November 2017 and photo proofed on a number of occasions between July and December 2017. Its position is 33.56696°, 73.08396°.

### Mi-171

58622		c/n update	<b>59489617596</b>	nov17
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The c/n was checked in Iran (!) on its way back from overhaul.

### Schweizer 300C

786102	AAS	f/n		nov17
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### UH-1H-II

92	DoS	f/n		2015
93	DoS	f/n		2012

Nine Department of State UH-1H-IIs have been returned to the USA in October. These are first noted nonetheless.

### Pakistan Bharia (NY)

### Sea King HAR3A

(4517)/17	on del	ex ZH544	<b>WA1010</b>	dec17
n/a	on del	ex ZH545		dec17

### Sea King HC4+

(4518)/18	on del	ex ZF117	<b>WA963</b>	dec17
(4519)/19	on del	ex ZG821	<b>WA1002</b>	dec17
n/a	on del	ex ZA295	<b>WA909</b>	dec17

These were shipped out to Karachi. There were two yellow (HAR3A) and three dark coloured (HC4+) helicopters involved, with ZH545/ZA295 not being allocated serials as they will be used for spares in Pakistan. The other two HC4+ ZA296/299 are to remain in the UK and reduced to spares. See also Scramble 461 - Page 71/72.



Nice participant at Sacheon airshow was this Iraqi Air Force-to-be T-50 IqAF 5024. Devoid of markings but very tasty nonetheless. (27 October 2017, Raymond van Dijkhuizen)

## Philippines

Pilipinas Hukbong Dagat (NY)

### A-29

On 30 November the Philippine government has placed an order for six Embraer A-29 Super Tucanos. The aircraft will be delivered in 2019 and will be used by the 15th Strike Wing/16th Strike Squadron in the close air support, air-to-air intercept and surveillance roles. If so, the OV-10s are expected to be moved to the 17th Attack Squadron. The order is valued at 4.9 billion Philippine Pesos (80 million euro)

## Thailand

Royal Thai Air Force (AF)

### DA42

On 29 November a small ceremony was held by 604sq for the re-introduction of the Diamond DA42 within the squadron. Hopefully we can provide details about the aircraft soon!

### B737-8Z6

L11Kh2-1/50 new codes HS-MVS/90411/999-04 nov17  
In September this aircraft was transferred from 602sq to 904 sq. It used to be coded HS-TYS/55-555

### C-130

The air force has stated its intention to replace the C-130H/C-130H-30 fleet starting 2020. Not surprisingly Lockheed-Martin is pitching the C-130J for this order.

### T-50TH

40102 noted open house Sacheon pre-delivery oct17  
Royal Thai Army (AR)

In September a contract was signed with Russia for the delivery of another two Mi-17 helicopters. Currently the Army operates five helicopters.

### AW149

49084 ex I-RAIU 49048 nov17  
The helicopter was noted on 16 November at Varese-Venegono during a pre-delivery test flight. It is the third helicopter noted out of an order for five AW149s.

## Latin America

### Argentina

Fuerza Aérea Argentina (AF)  
SAZT = Tandil, BA

### IA-58D

A-575 G3A upgraded, ex IA-58A 076 nov17

### Bell 412EP

H-103 Bell-Textron o/o, ex N519WP 36682 dec17  
H-106 Bell-Textron o/o, ex N682BS 36686 dec17

The Argentinian Air Force will finally be getting its four Bell 412EP in early 2018. Back in 2015 they requested four new Bells through FMS. Back then, the estimated contract value was US \$80 million (see Scramble 439 - Page 76). The current deal only has a US\$27 million budget. It includes training too, so as could be expected Bell-Textron used 2014 airframes. Two other possible candidates are N6810L 36684 and N6811L 36683. They are in toned-down grey colours with Grupo 7 badges and equipped with a FastFin and inflatable floats.

### M5 Finger

C-415 pr. Oliva, CD ex G6C S-04 aug17  
C-416 pr. La Plata, BA ex std SAZT l/n nov05 S-23 nov17  
'C-433' p Laboulaye, CD dec17

Catching up with some preserved aircraft that were not yet in our database as such. C-415 is near the railway station since at least October 2016 joining the other three aircraft preserved there, while C-416 is displayed inside the Autódromo Roberto José Mouras. Lastly, the one spuriously marked as M5 Dagger 'C-433', was delivered to the Aeroclub Laboulaye to commemorate the Malvinas/Falkland conflict victims of that village. It is painted up in the colours of the Dagger that fell victim to Sea Harrier FRS1 XZ455 on 1 May 1982 killing the pilot José Ardiles of Córdoba.

Comando de Aviación Naval Argentina (NY)

SAVT = Trelew/Almirante Zar, Cht

### P-3B

0869/6-P-53 std SAVT ex EA6E 5186 oct17

With the dismal state of the P-3B fleet, only two are in flyable state after cracks were found in the wing of 0869, Argentina now urgently wants ready-to-fly Orions. Therefore, they turned to the USN. Idea is to obtain a couple of currently active aircraft when they get replaced by P-8As. To that end, a delegation visited NAS Whidbey Island in September. Depending on the cost and number of P-3Cs that can be sourced like this, the old P-3Bs may either be refurbished or retired altogether.

Gendarmería Nacional Argentina (PO)

### AW169

GN-934 GN ex I-PTFQ f/n sep17 69056 dec17  
It has arrived in Argentina by 4 December 2017.

## Bolivia

Fuerza Aérea Boliviana (AF)

### BAe146-RJ70

FAB-108 TAM del, ex VT-MDM **E1230** dec17  
It was tracked flying Hurghada-Malta on 20 December 2017, see also Scramble 459 - Page 85.

## Brazil

Força Aérea Brasileira (AF)

Progress on the KC-390 is good with the first FAB aircraft under construction and earmarked for delivery to 1°GTT in the second half of 2018. December saw another important milestone as the civil aviation authority ANAC granted a provisional type certificate for the EMB-390KC. This is part of the Initial Operational Capability procedure.

Comando da Força Aeronaval (NY)

Former British helicopter carrier HMS Ocean has been acquired by Brazil. Some details require ironing out and will see the vessel in UK waters until the end of 2018 when sufficient Brazilian naval personnel has been trained to operate it.

## Chile

Fuerza Aérea de Chile (AF)

### Cirrus SR22T

241	EdA	f/n	nov17
242	EdA	f/n	nov17

These are ex N108CA/N127CA construction numbers 1614 and 1615, tie-ups unknown. They were registered 19 October 2017 and cancelled 3 November 2017. The type is now also operated by Grupo 2 at Iquique-Los Condores and Grupo 8 at Antofagasta-Cerro Moreno replacing the venerable PA-28-236 Dakota.

## Colombia

Fuerza Aérea Colombiana (AF)

### SZD-54-2

FAC0019	EMAVI	d/d 15dec17
FAC0020	EMAVI	d/d 15dec17

These Polish-built gliders were purchased to replace two L-23 Super Blaniks with the military aviation school in Calí.

## Costa Rica

Servicio de Vigilancia Aérea (PO)

### MD500E

MSP022	SVA	f/n, grey c/s	nov17
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## Dominican Republic

Fuerza Aérea de Republica Dominicana (AF)

### Ce404

1549	f/n, photo	dec17
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A new recipient of the KAI T-50 is the Royal Thai Air Force. One of the first aircraft is seen here at Sacheon in South Korea ready for delivery. The aircraft is wearing the markings and squadron code of 401 squadron at Takhli. (27 October 2017, Raymond van Dijkhuizen)

## Ecuador

Fuerza Aérea Ecuatoriana (AF)

### Cheetah C

FAE-1371	Esc2112	w/o 13dec17
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Aviación del Ejército Ecuatoriana (AR)

### CeT206H

IGM-174	IGM	f/n, ex N5525X	<b>T206H-09149</b>	sep16
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IGM stands for Instituto Geografica Militar.

Aviación Naval Ecuatoriana (NY)

### Bell 206B

HN-321	EA Guayaquil	toc 24jun16	jun16
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### Ce172S

AN-262	EA Manta	toc 24jun16	jun16
AN-264	EA Manta	toc 24jun16	jun16

Two possible candidates are N1154D **172S10341** and N60129 **172S10152**, both exported to Ecuador 10 June 2016.

According to the news message, all of the fixed wing assets are at Manta, whereas the helicopters are based at Guayaquil.

## Honduras

Fuerza Aérea Hondureña (AF)

Once again, plans have been revealed to overhaul the country's fighter aircraft and helicopters, which have been suffering from a lack of spare parts and maintenance for many years. Israeli firms have made an analysis of the current situation and reportedly overhauls are required for seven F-5Es, two F-5Fs, five OA/A-37Bs and four Bell 412SPs to take to the skies again.

### AS350B3

905	HAM	w/o 16dec17	<b>4699</b>
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### Ce208B

025	f/n, air ambulance	nov17
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## Jamaica

Jamaica Defence Force (DF)

### DA40

JDF A-10	JMAS	f/n	aug17
JDF A-12	JMAS	f/n	aug17

### DA42NG

JDF T-10	JMAS	f/n, photo	aug17
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## Mexico

Fuerza Aérea Mexicana (AF)

MMSM = Santa Lucia (MEX)

### B727-14

3503	pres Zumpango	ex std MMSM	<b>18908</b>	oct17
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A great new addition to the local Walmart store in Zumpango (MEX), is this retired 727, coordinates 19.7905N, 099.05585W.

### Bell 407GX

1302	EA.111	w/o 28nov17	<b>54547</b>
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### Ce182S

5493	reregistered	to 6393, by	feb17
6393	pres Nextlalpan	f/n	feb17

This Skylane is preserved at the Plaza Estado de Mexico, in Santa Ana de Nextlalpan (MEX).

### UH-60M

1074	EA.108	f/n	aug17
1076	EA.108	f/n	aug17

Armada de México – Fuerza Aeronaval (NY)

The final pair of AS565MBe were delivered early December 2017, these were ANX-2163 and ANX-2164. Meanwhile, an option for fourteen additional helicopters is being discussed.

LFML = Marseille/Provence

### AS565MBe

ANX-2161	photo	<b>7039</b>	nov17
ANX-2162	known delivery		

Personal copy

Distribution to a third party is not allowed



In addition to the Saab 340 AEWs the Royal Thai Air Force is also operating four standard Saab 340s including 70206 on this picture. The aircraft is a recent addition to 702 squadron at Surat Thani. (Phuket, 11 December 2017, David Alders)

ANX-2163	Marseille	f/n LFML	oct17
ANX-2164		f/n, photo	nov17

#### C295M

AMT-250	reregistered	to ANX-1250	<b>070</b>
ANX-1250		f/n, ex AMT-250	<b>070</b> feb17

This was the last C295 to receive a new serial.

#### Lancair IVP

AMP-167	Veracruz (VER)	f/n, preserved	jul17
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At the Museo Naval, it may be a temporary exhibit.

#### Schweizer 333

ANX-2431	EAN	f/n, ex XC-...	nov17
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Gobiernos Estatales Mexicanos (GV/PO)

#### Bell 429

XC-LPC	Hildago	f/n	<b>57311</b> sep17
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#### Lj24D

XC-PLS	San Luis Potosi	f/n, ex XC-AGU	<b>24D-260</b> mar17
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Gobiernos Municipales Mexicanos (GV/PO)

#### Bell 206B

XC-LPA	Naucalpan	f/n	apr17
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#### H369HS

XC-TIJ	Tijuana	w/o 23nov17	<b>92-0414S</b>
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### Nicaragua

Fuerza Aérea – Ejército de Nicaragua (AF)

#### An-26

FA-EN161	EdT	f/n, ex RF-46898	<b>5904</b> nov17
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FA-EN162	EdT	f/n, ex RF-46855	<b>6509</b> dec17
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Two former Russian Navy An-26s were delivered recently. The second one arrived in Managua on 08 December 2017.

### Panama

Six US Department of State Air Wing UH-1H-IIS are in operation in Panama since 2015. Previously, UH-1Hs have been operated with Panamanian serials, but this six-pack sports the last five of their US-serials. They may or may not be nationalized.

#### UH-1H-II

16276	(fy70)	ex N276WR	<b>12581</b> jan17
21636	(fy72)	ex N636WW	<b>13335</b> jan17
21637	(fy72)	ex N637WW	<b>13336</b> jan17
21668	(fy73)	ex N668WC	<b>13356</b> jan17
21786	(fy73)	ex N786AW	<b>13474</b> jan17
22448	(fy74)	ex N448WC	<b>13772</b> jan17

### Peru

Fuerza Aérea del Perú (AF)

SPLP = Las Palmas

SPSO = Pisco

On 22 December 2017, the Parque Temático Aeronáutico was inaugurated in Surco, Lima. It is just northwest of Las Palmas air base, at 12°09'11.73"S, 77°00'33.74"W. Below, these are listed as 'Surco'.

#### C-27J

329	Esc844	c/n update	<b>4191</b>
330	Esc844	c/n update	<b>4192</b>

MAR reported these tie-ups.

#### MB339AP

477	pres. Surco	ex std SPLP l/n jul03	<b>6652</b> dec17
487	pres. SPSO	ex Grupo 51	<b>6660</b> sep17

#### Mirage 5DP4

199	pres. Surco	ex std SPLP, l/n nov14	dec17
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#### Mirage 5P

182	pres. SPLP	ex nn	oct17
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It is mounted vertically on the Plaza de Armas on base. To be more exact, it is at 12°9'8.14"S, 77°0'4.18"W.

#### Su-22

163	pres. Surco	ex pres. SPLP, l/n jul17	dec17
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#### T-41D

407	pres. Surco	ex std SPLP, l/n nov14	<b>0571</b> dec17
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#### Y-12-IIS

339	pres. Surco	ex pres. SPLP, l/n jul17	<b>0054</b> dec17
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Policía Nacional del Perú (PO)

#### Beech 1900C

PNP-258	DIRAVPOL	f/n, ex N158BE	<b>UC-152</b> jun16
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This serial was disclosed in a tender for a major inspection dated 12 September 2017.

The winning numbers for the fleet that was valued for insurance late 2017, for the 18 April 2018 - 18 April 2019 period, are:

An-32B	PNP-227, PNP-228, PNP-233, PNP-234
Beech E90	PNP-230
Beech 1900C	PNP-258
BN-2B	PNP-215
Ce172H	PNP-249
CeP206	PNP-251
CeU206	PNP-246

CeU206G	PNP-247, PNP-252
CeT210L	PNP-243
EC145	PNP-127, PNP-128, PNP-129, PNP-130, PNP-131
Mi-8MT	PNP-501, PNP-502, PNP-503
Mi-8MTV-1	PNP-505, PNP-506, PNP-508, PNP-510
RC695	PNP-218
Y-12	PNP-225, PNP-226
PA-31	PNP-229
PA-34-220T	PNP-231
PA-34	PNP-239

## Uruguay

Fuerza Aérea Uruguaya (AF)

SUDU = Durazno

### OA-37B

280 pres SUDU ex EA2 (Caza) oct17

It sits on a pedestal near the ramp. As far as we know this could be either the original 280 or the one gained from Chile, or even a combination of those...

### BAe125-700A

500 EA3T ex CX-CIB **257071** sep17

Already acquired in 2013, it received this serial when its former registration was cancelled 8 September 2017. Meanwhile, this acquisition keeps on causing political debate as parliament argues that the budget-stricken armed forces should invest in more useful hardware than presidential rides...

## Venezuela

Aviación Militar Nacional Bolivariana (AF)

Earlier this year, the AMB have cancelled the contract for the remaining eight Enstrom 480B helicopters.

## North America

### Canada

Royal Canadian Air Force (AF)

As could have been expected, the Super Hornet deal with Boeing is off the table. Canada intended to buy Super Hornets to bridge the gap between its aging CF-18 Hornet fleet and a new fighter jet. However, after Boeing lodged a legal complaint accusing Canadian aerospace firm Bombardier of dumping commercial planes on the US market, Canadian government officials put a hold on the purchase and began looking at other options. Early December, the government decided to buy eighteen second hand ex-RAAF legacy F/A-18s to expand its current fleet and match NATO-requirements. First deliveries are scheduled for the first half of 2019. The former RAAF aircraft will be added to both CF-18 wings at Bagotville and Cold Lake. After some life-extension work and

upgrades the aircraft will be fully operationally available by early 2020.

Meanwhile, the deployment of four CF-18s to Mihail Kogalniceanu (Romania) has ended late December 2017. An article about ATF Romania will be published in one of our upcoming issues.

Interestingly, the Indian Government has shown interest in purchasing some CH-124s. With only eight flyable Sea Kings left, the retirement ceremony is planned for late 2018. About 24 of these geriatric helicopters will be available for purchase, probably just for spares reclamation.

## United States

Joint US Forces (JF)

Lockheed Martin delivered the 66th F-35 aircraft of the year on 15 December 2017. All deliveries reached the joint government and industry delivery targets for 2017. To date, more than 265 F-35 aircraft have been delivered to US and international customers. More than 530 pilots and nearly 5,000 maintainers have been trained, and the F-35 fleet has surpassed more than 115,000 cumulative flight hours. Sixty-six F-35 deliveries in 2017 represent more than a forty percent increase from 2016. The production rate will slowly increase year-over-year to the planned full rate production of 160 Lightning IIs in 2023. In 2020, one clean F-35 will cost some US\$80 million.

United States Air Force (AF)

Because of hypoxia-like incidents, the USAF announced that they grounded their Beechcraft T-6A Texan-II trainers flying with the 71st Flying Training Wing, based at Vance AFB (OK). Although the announcement was made at the end of November 2017, the USAF stated that the 71st FTW ordered an operational pause of T-6A flying operations, starting on 15 November, after four instructor pilots and one student pilot assigned to Vance reported physiological incidents since the beginning of November. The USAF's Air Education and Training Command investigated the incidents at Vance and has not yet identified a specific cause for the incidents. After the operational pause at Vance, Texan-II flying operations continued as usual on 5 December. This was not the first hypoxia-like incident within the USAF during 2017. At the beginning of June 2017, the 56th Fighter Wing at Luke AFB (AZ) paused F-35A flight operations at Luke AFB (AZ), after having five incidents with pilots that experienced symptoms similar to hypoxia, or oxygen deprivation.

On 29 November 2017, the aircrew of a 4th Special Operations



Dino van Doorn visited Hatzefim on 7 November 2017 and captured F-16 862 from based unit 107sq "Knight of the Orange Tail squadron".



Seen at Kadena AB on 1 December 2017, is P-3C BMUP+ 161596 of VP-40 carrying a Raytheon AN/APS-149 Littoral Surveillance Radar System (LSRS). This unique radar system was designed to provide multi-function moving target detection and tracking and high resolution ground mapping at standoff ranges covering land, littoral, and water areas. With the introduction of the P-8, a new LSRS, called the Advanced Airborne Sensor (AAS) was developed for use on that specific airframe. Both the AAS and the AN/APS-149 adopt the active electronically scanned array (AESA) radar making it a unique system. (Kadena AB, 1 December 2017, Arnold ten Pas)

Squadron AC-130U Spooky-II, with callsign "Spooky-43", were presented the 2016 MacKay Trophy. The MacKay Trophy, which is awarded annually for the most meritorious flight of the year, by a USAF person, persons, or organization, was given by the USAF Chief of Staff Gen. Stephen Wilson to fourteen AC-130U crewmembers who provided close-air-support (CAS) to a U.S. Special Forces team and 43 Afghan soldiers near Kunduz, Afghanistan on 2 November 2016. It was stated that in support of Operation Freedom's Sentinel (OFS), "Spooky-43" crew's persistent fire support, presence of mind and courage during two hours of intense combat ultimately saved some fifty lives. The awarded Trophy came as good news for the Air Force Special Operations Command (AFSOC) Gunship community. Only little more than a year before, on 3 October 2015, an AC-130U was involved in a collateral airstrike incident, in the same Kunduz province, killing dozens of reportedly innocent people.

After completing their 2017 season, which included 72 air shows, the USAF Thunderbirds Air Demonstration Squadron (ADS) lost their commander on 20 November 2017. It was stated that the USAF removed Lt. Col. Jason Heard, at that time being the commander of the high-profile demonstration team, due to a loss of confidence in his abilities to lead the Nellis AFB (NV) based Thunderbirds squadron. Although said not to be related to the dismissal, two Thunderbirds F-16 Fighting Falcons were written off, after a crash and a serious accident, since the summer of 2016. On 13 December 2017 it was announced that Lt. Col. Kevin Walsh, already being the Thunderbirds operations officer, was selected to lead the team for the 2018 show season.

With more surplus C-130H Hercules aircraft becoming available, and as part of the fleet-wide redistribution of USAF C-130 assets, a C-130H arrived at Cannon AFB (NM) on 29 November 2017. The Hercules with serial number 82-0056 was added to the 16th Special Operations Squadron at Cannon with the aim to facilitate aircrew training and free up Cannon's combat-coded aircraft to perform their primary missions. Being a part of the 27th Special Operations Group, the 16th Special Operations Squadron normally operates the AC-130W Stinger-II Gunship aircraft. Since the first phasing out of a

USAF C-130H in September 2015, a total of 65 surplus C-130Hs have arrived for storage at the 309th Aerospace Maintenance And Regeneration Group (AMARG) near Davis-Monthan AFB (AZ). It is expected that more re-shuffles within the USAF C-130H fleet will follow in the future. Meanwhile, it is also expected that the first C-130Hs will be offered for Foreign Military Sales (FMS).

Related to the C-130H news comes the fact that the Air Force Reserve Command's 913th Airlift Group commander declared the 327th Airlift Squadron Fully Operational Capable (FOC) with the Lockheed Martin C-130J Super Hercules on 2 December 2017. Based at Little Rock AFB (AR), the 913th AG/327th AS have worked towards FOC status, forming a classic association with the co-based 19th Airlift Wing since December 2015, while transitioning from the C-130H model aircraft to the C-130J. As a FOC unit, the 327th AS is now capable of fulfilling both Air Force Reserve Command and Air Mobility Command missions. The 913th AG is the only C-130J classic associate unit within Air Force Reserve Command.

Amidst tensions with North Korea but regularly planned, the 35th Fighter Wing relocated eighteen F-16 Fighting Falcons and more than 280 personnel from Misawa Air Base in Japan to Osan Air Base in South Korea at the beginning of December 2017. It was stated that both Wild Weasel F-16 squadrons from the 35th FW, the 13th FS, named the Panthers and the 14th FS, named the Fighting Samurai, would participate in the annual flying exercise Vigilant Ace-18 that was held at Osan Air Base from 4 December 2017 until 9 December 2017. Vigilant Ace-18 encompassed some 12,000 U.S. personnel at eight South Korea and U.S. military installations across the Korean Peninsula.

After being only deployed for some 45 days to Afghanistan, four 77th Fighter Squadron/20th Fighter Wing F-16C Fighting Falcon aircraft arrived back at Morón Air Base in the South of Spain on 6 December 2017. The following Shaw AFB (SC) based F-16s were noted at Morón, Spain:

94-0043 94-0047 91-0345 91-0364

At first glance there is nothing special about a part of an F-16 deployment returning back to the Continental United



States (CONUS) but there is more to it. On 19 November, a few weeks before the returning of the deployed Shaw F-16s, USAF F-22A Raptors from the Tyndall based 325th FW, took part in air strikes in Afghanistan for the first time. The deployed Raptors are normally stationed at Al Dhafra Air Base in the United Arab Emirates in support of the anti-Islamic State Operation Inherent Resolve (OIR). Taking in account that at the beginning of November Islamic State was severely diminished in both Iraq and Syria it is likely that the USAF shifted its flying resources in the U.S. Central Command's area of operations. Also, flying from the United Arab Emirates is in terms of distances to Syria sometimes equal, or less, comparing it with flying to the Afghanistan theater. Some eight targets in Afghanistan's Helmand province were said to be destroyed with the help of F-22As using GBU-39 Small Diameter Bombs (SDBs). The SDBs are specially designed to avoid collateral damage in high density urban areas.

Related to the above Raptor information comes the news that the USAF is reinstating two written off Lockheed-Martin F-22A Raptors that fell victim to a retirement and an accident some years ago. The first one is a Block-10 Raptor with serial number 91-4006. 4006 was one of the original test aircraft and had been parked in flyable storage during the past years. The second Raptor that is currently made ready for operational status is F-22A with serial number 02-4037. It seems that the USAF needed the two mentioned airframes in an urgent need to fulfil the operational and training tasks. Once operational, the two refurbished F-22As will augment the USAF F-22 fleet that currently stands at 137 combat-coded aircraft, fifteen test aircraft, and thirty-one training aircraft. Earlier, it was stated that the USAF has definitely no plans for restarting the F-22 production line.

The beginning of December 2017 saw the regular swop of Air Force Special Operations Command (AFSOC) Pilatus U-28As to the U.S. Central Command area of operations. Four PC-12-derived aircraft arrived at Lajes Air Base on the Azores. The aircraft were, because of conducting a transatlantic flight, accompanied by HC-130N Combat King 93-2105. All five aircraft departed to an undisclosed air base. The following U-28As were seen at Lajes:

05-0409 05-0419 07-0840 08-0790

Coming back from the east, and accompanied by the abovementioned HC-130N, the following U-28As were noted transiting Souda Air Base on the Island of Crete and Aviano AB in Italy:

01-0415 08-0700 08-0718 08-0835

Eventually, Prestwick Airport in Scotland was chosen for the travelling U-28As, before departing back home to the Continental United States (CONUS) during mid-December.

On 21 December 2017, it became known that the USAF had selected the 115th Fighter Wing, based at Truax Field Air National Guard Base near Madison (WI) and the 187th Fighter Wing, based at Dannelly Field, Air National Guard Base near Montgomery (AL) as the preferred units and locations for the next two Air National Guard F-35A bases. These locations remain preferred alternatives until the Secretary of the Air Force makes the final basing decisions after the requisite environmental analysis is complete. Both abovementioned Wings were involved while deploying their F-16s overseas recently. At the beginning of November 2017, the 115th FW returned home, after a three-month deployment, from Kunsan Air Base, South Korea. At this moment, the 187th FW has deployed a dozen F-16s to Ahmed Al Jabr Air Base in Kuwait. Regarding the Air National Guard F-35A basing. The 158th Fighter Wing, based at Burlington Air Guard Station (VT) was preferred as a future ANG F-35A unit and base in 2016.

During mid-December 2017, the USAF released a document that outlined the details, timeline and likely competitors for a plan to acquire at least 608 new turbofan engines to replace the eight Pratt and Whitney TF33s on each of the, currently 76 active, Boeing B-52H Stratofortress aircraft in the USAF fleet. If the USAF selects a two-stage bidding process, the initial operational capability for the B-52H re-engining would be set for Fiscal 2029, with full operational capability declared five years later. Top USAF leaders have said the B-52H will likely remain in operation beyond 2050, as the fleet approaches a century of operational service in 2055.

A small setback for the USAF's Boeing KC-46A Pegasus program. It was expected that the first active duty KC-46As would begin arriving at the end of 2017 with the 22nd ARW



VFA-105 "Gunslingers" is a long time user of the F/A-18. These days the squadron is operating the F/A-18E Super Hornet. One of its aircraft, 166648/AC-412, is seen here departing from its home base NAS Oceana. (9 July 2017, Shawn Semzock)



A US Air Force F-35A returned to Kadena Air Base, Okinawa, on November 30 with a forward-fuselage side panel missing. The specific panel is known as the Maintenance Interface Panel (MIP). Otherwise known as door 2108. The bay has fuel, B system hydro, MVI, and communications connections along with an IPP start switch. The Lightning II, 14-5105/HL is one of 12 from the 34th Fighter Squadron at Hill Air Force Base, Utah that are on a six-month deployment to the Japanese air base. (Kadena AB, 30 November 2017, Arnold ten Pas)

at McConnell AFB (KS). The first KC-46A tanker that will be delivered to the USAF next year only successfully completed its first flight and airborne tests on 5 December 2017. Boeing later announced on 21 December 2017, that the U.S. Federal Aviation Administration (FAA) had granted Boeing's KC-46A Pegasus tanker program an Amended Type Certificate (ATC) for its Boeing 767-2C aircraft configuration, verifying that the fundamental design of the KC-46A tanker is safe and reliable. The KC-46A Pegasus, derived from Boeing's commercial 767 airframe, is manufactured with Boeing's company, Everett, Washington plant. Boeing is currently on contract for the first 34 of an expected 179 Pegasus tankers for the USAF.

<b>A-10C</b>				
79-0169/WA	66th WPS	ex OT/422nd TES	<b>A10-0433</b>	nov17
<b>B767-2LKC</b>				
15-46009	Paine Field	f/f 05dec17	<b>41858/1102</b>	dec17
<b>C-130H</b>				
79-0476	309th AMARG	ex 192nd AS	<b>382-4856</b>	dec17
82-0056	16th SOS	ex 164th AS	<b>382-4971</b>	nov17
<b>C-130H-3</b>				
96-7322	130th AS	WV ANG	<b>382-5431</b>	nov17
<b>C-130J-30</b>				
08-3177/YJ	36th AS	ex 40th AS	<b>382-5672</b>	sep17
16-5833/YJ	36th AS		<b>382-5833</b>	dec17
<b>F-102A</b>				
56-1432	Palm Springs	at PASM as '56-1188'	-	dec17
<b>F-15C-40-MC</b>				
85-0111/MA	131st FS		<b>966/C353</b>	dec17
<b>F-16C-30-CF</b>				
87-0306/DC	121st FS	w/o 05apr17	<b>5C-567</b>	feb15
<b>F-16CM-42-CF</b>				
90-0757/WA	16th WPS	ex LF/310th FS	<b>1C-365</b>	dec17
<b>F-35A</b>				
15-5144	to Italy	as MM7259	<b>AL-9</b>	
<b>F-35A-3I</b>				
15-5132/WA	6th WPS	ex LF 56th FW	<b>AF-123</b>	nov17
15-5140/HL	4th FS		<b>AF-131</b>	oct17
15-5141/WA	6th WPS		<b>AF-132</b>	nov17
15-5142/WA	6th WPS		<b>AF-133</b>	nov17
15-5143/HL	4th FS		<b>AF-134</b>	nov17
15-5160/LF	63rd FS	not fy16	<b>AF-135</b>	nov17

<b>F-35A-4</b>				
15-5161/LF	(63rd FS)	not fy16	<b>AF-136</b>	dec17
15-5162/HL	(34th FS)	not fy16	<b>AF-137</b>	dec17
15-5163	on order		<b>AF-138</b>	
15-5164	on order		<b>AF-139</b>	

<b>F-4C</b>				
64-0699/DM	309th AMARG	ex Davis Monthan	<b>945</b>	dec17

<b>F-84F-40-GK</b>				
51-9531	Palm Springs	at PASM as '26675'		dec17

<b>KC-135R</b>				
59-1475/ZZ	909th ARS	nmks feb15	<b>17963/T0378</b>	dec17

<b>T-33A</b>				
51-4505	pres. Ahoskie		<b>580-5800</b>	nov17

<b>TH-1H</b>				
74-22352/FR	23rd FTS		<b>13676</b>	dec17

United States Army (AR)

We missed the activation of a new Medevac unit at AASF Montgomery RAP, Dannelly Field (AL). This took place back on 17 September 2016 and the designation is Det.2 C/1-111th AVN AL ARNG. The unit is equipped with four HH-60M Black Hawk helicopters.

The Eastern Army National Guard Aviation Training Site (EAATS) at AASF Muir AAF, Fort Indiantown Gap (PA) officially took charge of their first UH-60M Black Hawk and a newly acquired Black Hawk Aircrew Trainer (BAT) Device 5 simulator on 28 September 2017. The helicopters will be used by the Flight Training Company-Utility (FTC-U) assigned to the EAATS. The EAATS will use the new UH-60M helicopters next to the UH-60A and UH-60L helicopters already on strength.

Back on 5 June 2013, Bell officially announced that the V-280 Valor had been selected by the United States Army for the Joint Multi-Role Technology Demonstrator (JMR-TD). Bell Helicopter teamed up with Lockheed Martin for this project, while competitors Boeing and Sikorsky (back then two companies, but Sikorsky was purchased by Boeing in 2017) also teamed up and are working on a design designated as SB-1 Defiant. The goal is not to build a prototype, but to develop technology which will lead to the future United States Army vertical lift vehicle. The idea is that in the future one platform can perform both the attack and the utility

roles. If that strategy indeed is followed, both the AH-64 Apache and UH-60 Black Hawk helicopter families are slated to be replaced by one platform.

On 18 December 2017, the V-280 project reached an important milestone. At the Bell facility in Amarillo (TX) the first prototype took to the sky for its maiden flight. The tiltrotor aircraft performed a perfect first flight according to the Bell press release. Compared to the Black Hawk, the V-280 will have the capability to fly twice as fast and have a 400 miles longer range. The cabin has the capability to hold up to fourteen fully armed troops on top of the four crew members. The V-22 Osprey was also designed and produced by Bell and the lessons learned are incorporated into the V-280. This includes a new engine configuration, a side-loading door and the provisions for a door gunner.

The first flight of the V-280 is also a big step in the overall JMR-TD program. The core of phase one in this programme is to have one test vehicle flying of each contender. During this phase the flight characteristics of the design and systems are to undergo testing. During phase two, mission systems are to be designed and incorporated into the technology demonstrators. Phase one is to be completed by the start of fiscal year 2019, while phase two is to be completed by the end of fiscal year 2020.

**Units**

- B/2-1st AVN Marshall AAF, Fort Riley (KS)
- B/2-4th AVN Butt AAF, Fort Carson (CO)
- 2-6th CAV Wheeler AAF, Schofield Barracks (HI)
- B/15th MI Bn Robert Gray AAF, Fort Hood (TX)
- 3-17th CAV Hunter AAF, Fort Stewart (GA)
- B/1-52nd AVN Ladd AAF, Fort Wainwright (AK)
- A/1-111th AVN PR ARNG, AASF Isla Grande Airport, San Juan (PR)
- B(-)/1-111th AVN MS ARNG, AASF Meridian RAP, Key Field (MS)
- Det.2 C/1-111th AVN AL ARNG, AASF Montgomery RAP (AL)

- C(-)/3-126th AVN VT ARNG, AASF Burlington IAP (VT)
- 1-130th AVN NC ARNG, AASF Raleigh-Durham IAP (NC)
- B(-)/2-135th AVN NE ARNG, AASF Central Nebraska RAP (NE)
- 1-137th AVN OH ARNG, AASF Rickenbacker IAP (OH)
- C(-)/2-149th AVN AASF Martindale AHP, San Antonio (TX)
- 1-158th AVN USARC, ASF Conroe, Lone Star Executive Airport (TX)
- 1-211th AVN AASF South Valley RAP, West Jordan (UT)
- B(-)/2-211th AVN IA ARNG, AASF Davenport MAP (IA)
- 1-212th AVN Fort Rucker (AL)
- 1-223rd AVN Fort Rucker (AL)
- B/2-227th AVN Hood AAF, Fort Hood (TX)
- A/1-228th AVN Soto Cano AB (Honduras)
- 1-285th AVN AZ ARNG, AASF Silver Bell AHP, Marana (AZ)
- B/305th MI Bn Libby AAF, Fort Huachuca (AZ)
- AFTD Aviation Flight Test Directorate at Redstone AAF, Redstone Arsenal (AL)
- BEST BEST Aircraft Consolidation Facility at 248 Dunlop Blvd, Huntsville (AL)
- WAATS AZ ARNG, Western Army National Guard Aviation Training Site, AASF Silver Bell AHP, Marana (AZ)
- KEYV = Middletown-Summit Airport (DE)

**MC-12S**

12-00280 B/15th MI Bn ex B/305th MI Bn **FL-449** dec17  
Is this aircraft already converted to MC-12S-1 EMARSS-G standard?

**MC-12S-1 EMARSS-G**

11-00282 B/15th MI Bn ex AFTD **FL-456** dec17

**RC-12X**

92-13123 Northrop ex nb **FE-29** aug17  
By August 2017, this RC-12X had arrived at the Northrop facility at Sacramento (CA). It was confirmed still there in December 2017.

**CH-47D**

91-00254 to Greece as ES929, ex std KEYV **M3403** nov17  
91-00257 to Greece as ES927, ex std KEYV **M3406** nov17  
92-00368 to Greece as ES928, ex std KEYV **M4302** nov17



Sometimes you meet unexpectedly remarkable airframes. On 27 November 2017, this dual seat Super Hornet, 166852, was seen at NAS Fallon (NV). The VFA-41 bird was without wings and nose cone and it had a hook attached to the loadcentre of the fuselage. Perhaps it was transported as an underslung load? Having a close look at the tailsection of 166852 you can barely see parts of the NG tailcode, when the Hornet was part of CVW-9 from February 2011 up to September 2015. The Scramble database first reports the Rhino in May 2008 when it flew with VFA-122 as NJ-152, after this assignment, this 200th build Foxtrot was reported as NH-111 with VFA-41 within CVW-11 from early 2009 up to late 2010. After September 2015, Scramble lost sight of this F/A-18F... and now over two years later we found it at superbase Fallon in this sad condition. What will the future bring for this bird? (Stephan de Bruijn)

**CH-47F**

08-08056	B(-)/2-135th AVN, ex B/2-4th AVN	<b>M8056</b>	nov17
08-08772	B/1-52nd AVN ex B/2-1st AVN	<b>M8772</b>	jul17
10-08804	B(-)/1-111th AVN, ex B/2-227th AVN	<b>M8804</b>	sep17
12-08868	B(-)/2-211th AVN, ex nb	<b>M8868</b>	nov17

**OH-58A**

69-16233	to N258FC	ex nb	<b>40454</b>	dec17
70-15498	to N930BC	ex 1-212th AVN/98G	<b>41049</b>	dec17

**OH-58A+r**

70-15503	to N903BC	ex 1-223rd AVN/03A	<b>41054</b>	dec17
72-21285	to N118SD	ex nb	<b>41951</b>	dec17

**EH-60A**

86-24574	std BEST	ex 1-212th AVN/74G	<b>70-1142</b>	nov17
87-24667	std BEST	ex 1-212th AVN/67J	<b>70-1239</b>	nov17

**UH-60A**

80-23482	WAATS	ex nb	<b>70-240</b>	oct17
81-23559	WAATS	ex nb	<b>70-280</b>	oct17
84-23990	A/1-111th AVN	ex nb	<b>70-827</b>	jun17
84-24000	A/1-111th AVN	ex nb	<b>70-841</b>	jun17

**UH-60L**

91-26333	WAATS	ex nb	<b>70-1631</b>	oct17
93-26506	C(-)/2-149th AVN, ex nb			oct17
02-26962	A/1-228th AVN	ex nb		jun17
03-26981	A/1-228th AVN	ex nb		dec17
04-27017	1-158th AVN	ex nb		nov17

**UH-60M**

..-20800	1-137th AVN	f/n		sep17
..-20839	1-137th AVN	f/n		sep17
..-20884	1-137th AVN	f/n		sep17
..-20900	1-137th AVN	f/n		sep17
..-20902	1-137th AVN	f/n		sep17

**HH-60M**

08-20130	C(-)/3-126th AVN, ex nb (FY unconfirmed)			oct17
16-20775	Det.2 C/1-111th AVN, see note	<b>70-4483</b>		oct17
16-20779	Det.2 C/1-111th AVN, see note			oct17
16-20780	Det.2 C/1-111th AVN, see note	<b>70-4488</b>		oct17

Both 16-20775 and 16-20780 were already confirmed at Montgomery (AL) in September 2016 and May 2016 respectively. They were delivered there to be taken on charge by Det.2 C/1-111th AVN AL ARNG which was officially activated at this Army National Guard post on 16 September 2016.

**UH-60V**

90-26242	AFTD	ex UH-60L	<b>70-1469</b>	jan17
90-26302	AFTD	ex UH-60L	<b>70-1536</b>	'17

We finally received confirmation of the two UH-60V prototypes. The first helicopter upgraded was 90-26242, followed by 90-26302. Both are currently being used for trials by AFTD at Huntsville (AL). The first prototype performed its maiden flight at Meridianville (AL) on 19 January 2017.

**AH-64D**

03-05407	2-6th CAV	ex 1-211th AVN	<b>PVD407</b>	sep17
09-05645	1-130th AVN	ex nb	<b>PVD645</b>	may17
09-05678	1-130th AVN	ex nb	<b>PVD678</b>	may17

**UV-18A**

79-23255	to US Navy as 93255, ex USAPT AvnSec	<b>680</b>
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This Twin Otter used to be operated by the famous "Golden Knights" parachute demonstration team until November 2012 at least. It was known to have been transferred to the Center for Interdisciplinary Remotely-Piloted Aircraft Studies (CIRPAS) under control of the US Navy. No actual reports of this aircraft reached us until November 2017. In this month this aircraft was seen at Calgary-Springbank Airport (Canada) with US Navy titles, confirming this transfer.

**V-280 Valor**

N280BH	reg 17jul17	f/f 18dec17	<b>60105</b>
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Technically not a US Army update but since this aircraft was produced under a US Army contract (see previous new section) it is still worth to mention here.

## United States Navy (NY)

Mid November 2017, multiple pilots and instructors of the US Air Force experienced physiological episodes with hypoxia-like symptoms while flying the Beechcraft T-6 Texan II from Vance AFB (OK). Following this, the 71st Flying Training Wing enacted an operational pause of T-6 operations, although no accidents occurred. The USAF is investigating the incidents with the basic trainer but had not identified a cause yet. It looks like the hypoxia-like symptoms are teasing the USAF and US Navy as both forces grounded fleets after bad experiences. During 2017, EA-18Gs, F/A-18E/Fs, F-35As and T-45Cs were temporarily grounded.

Boeing showed on 19 December 2017 its proposal in the unmanned aircraft system (UAS) MQ-25 Stingray program for refueling US Navy jets operating from aircraft carriers. The Phantom Works design will complete engine runs before heading to the flight ramp for deck handling demonstrations early next year. Naval Air Systems Command issued its final request for proposals in October 2017. Proposals are due 3 January 2018.

Boeing has won a USD 1.2 billion modification contract for the manufacture and delivery of ten Lot 9 full-rate production P-8As, seven Poseidons will be delivered to the US Navy, while three are destined for the United Kingdom. Work is expected to be completed in December 2020.

The US Navy is preparing the beginning of a comprehensive modification program that will lead to a service life extension of the F/A-18E/F Super Hornet fleet. The service life modification (SLM) will enable the Rhinos to fly more than 50-percent longer than originally intended. When introduced in 2002, the Super Hornet's lifespan was 6,000 flight hours in some 20 years. But delays to the F-35 Lightning II program and unplanned squadron transitions from the F/A-18/B/C/D Hornet to the F/A-18E/F mean the Navy needs the Super Hornet to last longer than initially planned. The SLM begins in 2018 with the arrival of four Super Hornets at Boeing, St. Louis (MO). By 2023, Boeing expects to induct about fifty Super Hornets into the program each year— ten in St. Louis, and forty in San Antonio (TX). The initial batch of SLM aircraft will be delivered back to the Navy in about eighteen months, so their delivery is expected around fiscal year 2020.

United States Navy unit news

**Commander, Naval Air Force U.S. Atlantic Fleet (ComNavAirLant)**

Helicopter Sea Combat Squadron (HSC) 22 Sea Knights ('AM-xxx'), qualified during November 2017 in operating the MQ-8B Fire Scout vertical takeoff unmanned aerial system (UAS) from a littoral combat ship (LCS). The NS Norfolk (VA) based MH-60S squadron is now operational with Seahawk helicopters in manned/unmanned teaming. The Fire Scout, a derivative of the Schweizer 333, has been deployed from the West Coast to the South China Sea onboard the LCS USS *Fort Worth*, teamed with an MH-60S. Strikingly, the UAS also participated in Carrier Air Wing work ups from NAS Fallon (NV). All operational Fire Scouts are maintained in a pool at NAS Point Mugu (CA), squadrons picking up an MQ-8 from this location to equip their detachments on LCSs. The larger MQ-8C (an unmanned version of the Bell 407) will go through Initial Operational Test & Evaluation in the summer of 2018 and will be operational by the end of 2018.

**Carrier Air Wing 3, USS *Gerald R. Ford* (CVN-78), AC**

Strike Fighter Squadron (VFA) 86 Sidewinders ('AC-2xx') moved to CVW-7 as 'AG-3xx').

**Carrier Air Wing 7, USS *Abraham Lincoln* (CVN-72), AG**

It looks like that VAW-115 Liberty Bells (ex CVW-5/NF) will be the new Hawkeye squadron within CVW-7.

VFA-86 *Sidewinders* (ex 'AC-2xx') is new within CVW-7 s 'AG-

3xx'. The squadron replaced VFA-83 *Rampagers* (ex 'AG-3xx') that is currently unlocated (and uncoded) in our database. Anyone?

**Commander, Naval Air Force U.S. Pacific Fleet (ComNavAirPac)**

Carrier Air Wing 5, USS *Ronald Reagan* (CVN-76), NF

On 28 November 2017, Strike Fighter Squadrons (VFA) 115 Eagles ('NF-3xx') and VFA-195 Dambusters ('NF-4xx'), both flying the F/A-18E, and Electronic Attack Squadron (VAQ) 141 Shadowhawks ('NF-5xx') flying the EA-18G, were relocated from NAF Atsugi (Japan) to MCAS Iwakuni (Japan) after the conclusion of the USS Ronald Reagan (CVN-76) Carrier Strike Group deployment. The three squadrons are following Carrier Airborne Early Warning Squadron (VAW) 125 Tigertails ('NF-6xx') that was already relocated in February 2017. The move is part of the phased relocation of forward deployed Carrier Air Wing Five.

Carrier Air Wing 9, USS *John C. Stennis* (CVN-74), NG

VAW-117 Wallbangers ('NG-6xx') is new within CVW-9. The E-2C-NP2000 squadron based at NAS Point Mugu (CA) squadron, reported "lost" in Scramble 463 - page 84, is former CVW-7/AG.

Carrier Air Wing 11, USS *Nimitz* (CVN-68), NH

On 13 December 2017, the F/A-18C Hornets of VMFA-323 Death Rattlers ('NH-4xx') returned from a six-month deployment aboard the USS Nimitz (CVN-68) supporting Combined Joint Task Force Operation Inherent Resolve. The squadron, based at MCAS Miramar, will adopt the usual 'WS-xx' code again.

FRCSW = Fleet Readiness Center South West, North Island (CA)

**E-2C+**  
164112/600      NAWDC      ex FRCSW      **A52-144** nov17

**F/A-18C**  
164243      309th AMARG      ex ?      **1006/C227** dec17  
164629/AG-311      309th AMARG      ex AG-311/VFA-83 **1046/C258** dec17  
164686      nmks (NAWDC)      ex RP-96/FRCSW **1119/C298** nov17

**F/A-18D**  
164228/AD-441      309th AMARG      ex AD-441/VFA-106 **991/D070** dec17

**F/A-18E**  
166954/NJ-212      VFA-122      ex NE-304/VFA-86      **E196** dec17  
168924/AG-104      VFA-143      ex AD-145/VFA-106      **E283** dec17

**F/A-18F**  
166800/NE-107      VFA-2      ex NA-105/VFA-22      **F173** aug17  
166852/NG-111      std Fallon      fuselage only      **F200** nov17  
168487/AG-214      VFA-103      ex AD-261/VFA-106      **F261** dec17  
168889/AG-201      VFA-103      ex AD-262/VFA-106      **F270** dec17

**EA-18G**  
168936      VAQ-135      ex NJ-565/VAQ-129      **G108** dec17

168937/NL-520      VAQ-135      ex NJ-512/VAQ-129      **G109** dec17  
168940      VAQ-135      ex NJ-515/VAQ-129      **G112** dec17  
169126/DD-502      VX-31      f/n      **G117** dec17  
169217/DD-507      VX-31      del      **G150** dec17

**MH-60R**  
168151/AC-702      HSM-74      f/n      **70-4...** oct17  
168163      nmks      del      **70-4...** dec17

**MH-60S**  
166349/AM-01      HSC-22      ex AM-06      **70-2941** aug17  
167866/HW-65      HSC-25      ex AC-613/HSC-7      **70-3409?** sep17

**P-3C AIP+**  
159894/RC-894      309th AMARG      ex RC-894/VP-46      **5645** dec17

**P-8A**  
168755/755      VP-4      ex 755/VP-26      **42251/4609** nov17

**T-6B**  
166256/G-256      TAW-4      f/n      **PN-247** nov17

**T-45C**  
165076/B-276      TAW-2      ex F-601/VT-86      **C.../A080** nov17  
165640/B-286      TAW-2      **C098** nov17  
167102/B-266      TAW-2      ex B-324      **C134/A217** nov17

United States Marine Corps (NY)  
Aurora Flight Sciences in partnership with the Office of Naval Research (ONR), is called the Autonomous Aerial Cargo/Utility System (AACUS). The joint cooperation led to an unmanned helicopter, in this case a UH-1H Huey N432CG 'AU' with Marine titles (construction number **13907** and owned by NWH / Turbines LLC). The Huey was demonstrated on 13 December at MCAS Quantico (VA) when it delivered supplies to a set-up position of Marines in the field. The AACUS is an autonomy kit that can be placed on any rotary-wing platform and provide it with an autonomous capability. Through the year, the system was tested in four other helicopter types.

The testbed Huey is not just another UAS, it is a testbed that is operated with a handheld tablet instead of a complex ground control station with a flight control system in a container. The crucial difference of AACUS compared to most UAS platforms is that the aircraft does not need detailed routing information or even prior information on the landing zone. The autonomous systems in the aircraft, drawing on data from an array of visual and lidar sensors, plan the mission, avoid obstacles and find the best spot in the designated area to set down. Next April, the system will be tested from MCAS Twenty Nine Palms (CA), even with Sea Dragon helicopters!

United States Marine Corps unit news  
**Marine Force Pacific (MARFORPAC)**  
Joint Base Pearl Harbor-Hickam (HI) received its first three AH-1Z Vipers. The helicopters are assigned to Marine Light Attack Helicopter Squadron (HMLA) 367 Scarface ('VT-xxx'),



When a leadership change takes place, sometimes the former chief visits the countries that the Coast Guard closely cooperated with. That is the reason we were treated to VIP C-37 02 of the USCG on such a farewell tour. (Rotterdam, 29 November 2017, Dino van Doorn)

and in turn the 1st Marine Aircraft Wing in Okinawa, Japan. A USAF C5 Galaxy flew in the Vipers to the base. The AH-1Zs are, according to the tailcode, former HMLA/T-303 Atlas ('QT-xx') helicopters from MCAS Camp Pendleton (CA) and will be re-coded to 'VT-xx'.

FRCE = Fleet Readiness Center East, Cherry Point (NC)  
 FRCSW = Fleet Readiness Center South West, North Island (CA)  
 LMTAS = Lockheed Martin Tactical Aircraft Systems, Fort Worth (TX)

**KC-130T**

163592/NY-592 309th AMARG ex NY-592/VMGR-452 **382-5145** jan17

**F/A-18C**

164713/RQ-37 FRCSW ex WS-413/VMFA-323 **1158/C317** dec17

**F-35B**

168059/VM-03 VMFAT-501 ex FRCE **BF-08** oct17  
 169414/CF-14 VMFA-211 del **BF-59** nov17  
 169416 LMTAS f/f nov17 **BF-61** nov17

**AH-1W**

162551/UV-21 309th AMARG ex UV-21/HMLA-267 **26220** oct17  
 163952/SE-24 309th AMARG ex SE-24/HMLA-469 **26277** oct17

**UH-1Y**

168414/SN-06 HMLA-169 ex UV-06/HMLA-267 **55151** oct17

**AH-1Z**

168525/QT-25 HMLA-367 ex HMLA-369 **59204** dec17  
 168802/QT-30 HMLA-367 ex HMLA-369 **59210** dec17  
 168962/QT-20 HMLA-367 ex SM-42/HMLA-369 **59219** dec17

Although wearing HMLA/T-303 codes, these Vipers are delivered to HMLA-367 so it's just a matter of time until the "VT" codes are applied.

**CH-53E**

161988/CJ-04 HMH-461 ex YM-21/VMM-365 **65-465** sep17

**AV-8B**

164128/WE-23 VMA-214 ex WE-22 **204** nov17

**AV-8B+(R)**

165421/WE-02 VMA-214 ex 07/nmks **293** nov17

165585/WL-04 VMA-311 ex WE-03/VMA-214 **322** nov17

**MV-22B**

165838/24 i/a NAMRU-D ex 24/HX-21 **D0024** dec17  
 166738/EH-06 VMM-264 ex FRCE **D0103** sep17  
 168238/YM-02 VMM-365 ex EG-00/VMM-263 **D0188** sep17  
 168333/YS-04 VMM-162 ex EG-07/VMM-263 **D0236?** nov17  
 168660 Bell-Boeing f/n **D0315?** nov17

NAMRU-D is the Naval Medical Research Unit of Dayton, Wright Patterson, a unit for aerospace medicine research.

United States Coast Guard (CG)

**HC-130J**

2011 Lockheed o/o dec17

**MH-65D**

6595 San Francisco ex Atlantic City **6297** sep17

Credits:

Ian Carroll, ELAS, Joris Heeren, Laurent Heyligen, Thomas Hirt, Safwan Jamil, Andy Marden, Daniele Mattiuzzo, Per Thorup Pedersen, Tom Svendsen, Peter Weinert, Peter Wilmink

Abbreviations

AF = Air Force GV = Government  
 AG = Agricultural Aviation JF = Joint Forces  
 AR = Army NY = Navy  
 CG = Coast Guard PO = Police  
 DF = Defence Forces SV = Survey

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# Showreports



Yearly on 18 December various celebrations around Qatar's National Day take place. Most interesting to us is the military parade conducted by all the types flown by the Qatar Emiri Air Force. Seen here are recently delivered PAC Super Mushshaks from al Zaeem Air Academy. (Doha, 18 December 2017, Taff Evans)

## Vitacura (Chile)

Open Day Club de Planeadores 11 November 2017

H-47	Bell 412EP	Grupo 9
V-19	Janus C	EVV
H-280	AS532AL	Batallón de Helicópteros
H-136	HU-53 (MD369)	Batallón de Helicópteros
43	UH-05 (Bo105)	HU-1
52	HH-65 (SA365)	HU-1
C-24	AW109E	Carabineros de Chile
C-03	EC135P2+	Carabineros de Chile
C-27	AW139	Carabineros de Chile
C-06	H135	Carabineros de Chile
CC-ETE	AS350B3	BAPOL/DPI
CC-KWZ/140	N2S-5	private

A good serving of helicopters from all branches of the armed forces on this yearly open day at the small and friendly glider airfield in the northern part of Santiago de Chile.

## Dhaka- Bangabandhu AB (Bangladesh)

Victory Day Parade (& rehearsals) 16 December 2017

1702/S3-ACB	An-32		16
613	AW139	1sq	16
616	AW139	1sq	13,14
BH196, BH286	Bell 206L-4	18sq	07
BH557	Bell 206L-1	18sq	07
BH297, BH772	Bell 212	9sq	16
BH797	Bell 212	9sq	16
61-0962/S3-AGC	C-130B		16
F937	F-7BG	5sq	14
2711, 2716	F-7BGI	35sq	15
2714	F-7BGI	35sq	12
2717, 2721	F-7BGI	35sq	14
2719	F-7BGI	35sq	16
2720	F-7BGI	35sq	15
1426	F-7MB	nm	15
2432	FT-7B	25sq	14,16
2434	FT-7B	35sq	14,16
2435	FT-7B	35sq	14,16
F945	FT-7BG	5sq	12,14
2701	FT-7BGI	35sq	12,14
2702	FT-7BGI	35sq	14,16
14321	K-8W	15sq	14,15,16
14323	K-8W	15sq	13,15
14324	K-8W	15sq	13

14327	K-8W	15sq	13,15
14328	K-8W	15sq	13
309	L-39ZA	25sq	11
310	L-39ZA	25sq	11,15
311, 312	L-39ZA	25sq	11,15
3015	L-410UVP-E20	103sq	16
469	Mi-171Sh	nn	07
508	Mi-171Sh	nn	07
648, 650	Mi-171Sh	nn	white c/s 13,16
649	Mi-171Sh	nn	white c/s 16
36506	MiG-29	8sq	16
28264	MiG-29UB	8sq	14
28375	MiG-29UB	8sq	12,14,16
2703, 2704	PT-6	11sq	07
2711	PT-6	11sq	07
4104, 4106	PT-6	11sq	16
15113	Yak-130	21sq	13
S3-BEH	Ce152A	Army Avn Group	14,15
S3-BFR	Ce152A	Army Avn Group	
S3-BML	Ce152A	Army Avn Group	14,15
S3-VHA, S3-VHB	AW109E	Natl Avn Wing	04
314-01	Do228NG	Natl Avn Wing	05
314-02	Do228NG	Natl Avn Wing	05,16

This shows all aircraft involved in the fly-by and the arrivals/rehearsals preceding it. Usually, aircraft start to arrive and assemble two weeks in advance; both at Dhaka-Hazrat Shahjalal Intl/Bangabandhu AB, the military side of which was formerly known as Kurmitola, and at nearby Dhaka-Tejgaon/Bashar AB. Obviously, most variety in the days leading up to the parade was and will be in the based MiG-29 and F-7 fraternity of 5, 8 and 35 squadron. The same applies to the Air Force helicopters and Army aircraft that are drafted daily from the ranks of Tejgaon's local units.

## Doha (Qatar)

National Day parade (& rehearsals) 18 December 2017

QA51	Alpha Jet E	11sq	11,18
QA52	Alpha Jet E	11sq	12
QA54, QA55	Alpha Jet E	11sq	11,12,18
QA72	AW139	20sq	12
QA75	AW139	20sq	11,18
QA76	AW139	20sq	11
QA101	AW139	Hamad medical corp	18
QA103	AW139	Hamad medical corp	12,18

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During practices and on the National Day itself, nine different Gazelles could be spotted. (QA03, Doha, 18 December 2017, Taff Evans)

A7-MAA, A7-MAE	C-17A	Transport sq	11,12	QA05	SA342L(LW)	6sq	18
A7-MAM, A7-MAP	C-17A	Transport sq	18	QA07	SA342L(LW)	6sq	11
211/MAH	C-130J-30	Transport sq	18	QA08	SA342L(LW)	6sq	11,12
213/MAJ	C-130J-30	Transport sq	11,18	QA09, QA13	SA342L(LW)	6sq	11,18
QA22	Commando 2A	9sq	18	QA12	SA342L(LW)	6sq	12,18
QA31	Commando 3	9sq	18	QA14	SA342L(LW)	6sq	12
QA85, QA86	Mir2000-5DDA	7sq	11,12,18	QA300, QA301	Super Mushshak Air Academy		12,13
QA87	Mir2000-5DDA	7sq	18	QA302	Super Mushshak Air Academy		13
QA90, QA91	Mir2000-5EDA	7sq	11	QA303	Super Mushshak Air Academy		12,13
QA93	Mir2000-5EDA	7sq	11,18	CG01, CG02	Europe MTO Sport		18
QA97, QA98	Mir2000-5EDA	7sq	18	CG03	Europe MTO Sport		18
QA361, QA365	PC-21	Air Academy	11,12,18	112/30-IQ, 119/30-IX	Rafale C	EC02/03.030	18
QA362, QA363	PC-21	Air Academy	11,18	ZK312/312, ZK353	Typhoon FGR4	nm	18
QA364	PC-21	Air Academy	12,18	88-1682/SJ, 89-0492/SJ	F-15E	336th FS	18
QA366, QA367	PC-21	Air Academy	11,12,18				
QA368, QA369	PC-21	Air Academy	11,12,18				
QA370, QA373	PC-21	Air Academy	11,12,18				
QA03, QA06	SA342L(LW)	6sq	11,12,18				

The yearly National Day parade over Doha can best be sampled during the practices the days preceding the 18th. During these rehearsals, usually two fly-bys are made and the area is easier to access.



The Europe MT-03 is an autogiro used for surveillance by the Qatar Emiri Coast Guard. (Doha, 18 December 2017, Taff Evans)





Gerben Hazebroek spent his summer holiday in southern France near Toulouse. He made a factory tour at the Airbus A380 production line and visited the airport several times to catch as much as possible aircraft prior to delivery. In this overview photo you can see several A320neo's in the background in semi storage due to logistical problems in delivering the P&W engines. (27 July 2017)

## Military trips

### Romania

Our main objectives to go to Romania were a visit to the Royal Canadian Air Force detachment at Mihail Kogalniceanu, the annual 1 December parade over Bucharest, and the various wrecks and relics that are still around. Underlined (parts of) serials were not read off.

Location	Date	Serials	Status	Notes
Boboc	30 November 2017			
703, 704		IAR-99 Standard SAFA		
705, 707		IAR-99 Standard SAFA		
715		IAR-99 Standard SAFA		
709, 711		IAR-99C Soim	Escadrila 951	TDY
713, 717		IAR-99C Soim	Escadrila 951	TDY
724, 725		IAR-99C Soim	Escadrila 951	TDY
31, 34		An-2R	Dumped	North side
35, 36		An-2R	Dumped	North side
38		An-2R	Dumped	North side
56		An-2T	Dumped	North side
37, 54, 55		An-2T	Stored	on ramp
57, 58		An-2T	Stored	on ramp
59, 60		An-2T	Stored	on ramp
702, 706		IAR-99 Standard	Stored	dispersal
08, 10		IAR316B	Dumped	North side
63, 69		IAR316B	Dumped	North side
35		L-29	Preserved	gate
16, 28, 30		L-29	Stored	dispersal
43, 44, 49		L-29	Stored	dispersal
146		L-39ZA	Stored	dispersal
903		MiG-21M	i/a	outside hangar, camo
4715		MiG-21RFMM	i/a	outside hangar
9807		MiG-21MF	i/a	outside hangar

Liaising with the Canadians meant we had to re-schedule our trip a couple of times. As the intended visit on Thursday was postponed, we therefore used this day for some over-the-fence spotting at Boboc and Bacau. From the through road on the South side and a farm track west of the airfield, Boboc posed little problems. The clay on our boots was still moderate, and in hindsight the track was navigable by car.

Location	Date	Serials	Status
Ramnicu Sarat	30 November 2017		
719, 724		Mi-8T	Stored

727	Mi-8T	Stored	boom separated
Focsani			30 November 2017
721	Mi-8T	Preserved	
Bacau			30 November 2017
712, 720	IAR-99C Soim	Escadrila 951	
722, 723	IAR-99C Soim	Escadrila 951	
56, 79	IAR330SOCAT	Escadrila 952	
211, 301	LanceR-A	Stored	row of 13
711, 714	LanceR-A	Stored	row of 13
305, 806	LanceR-A	Stored	row of 13
810, 901	LanceR-A	Stored	row of 13
907, 908	LanceR-A	Stored	row of 13
6693, 8103	LanceR-A	Stored	row of 13
9809	LanceR-A	Stored	row of 13
177	LanceR-B	Stored, spec c/s	row of 15
212, 213	LanceR-A	Stored	row of 15
506, 811	LanceR-A	Stored	row of 15
5705, 5908	LanceR-A	Stored	row of 15
5910, 5911	LanceR-A	Stored	row of 15
5912, 5915	LanceR-A	Stored	row of 15
7011, 8105	LanceR-A	Stored	row of 15
8107, 9613	LanceR-A	Stored	row of 15
215, 713	LanceR-A	Stored	dispersal
715, 801	LanceR-A	Stored	dispersal
803, 815	LanceR-A	Stored	dispersal
6956	MiG-21UM	Preserved	near the base
134	MiG-15UTI	Preserved	Aerostar ramp
2199	MiG-15UTI	Derelict	Aerostar area
4109/"5721"	MiG-21US	Preserved	North of base
165	MiG-21bis	Preserved	Aerostar ramp
35, 49	MiG-29A	Dumped	dispersal
YR-PMU	An-2	Stored	Aerostar

The winter proves to be an excellent period for long distance reading. Most were read from the farmland to the South of the base. Mind you, the northern row of fifteen Lancers is about 3 kilometres away from there, so bring a tripod and a strong scope... Bonus were the two tail-less, wing-less MiG-29s parked in one of the Southern dispersals. There should be five according to Google Earth but we only saw two. As we could look into the other dispersal too, I doubt the other three still exist. As for the clay, well we maxed out on 'kleipoten' here, heavy boots indeed. The track should be accessible by car in

the summer, but then you have heatwaves to cope with.

Valea Budului 30 November 2017  
1527 MiG-15UTI Preserved  
Did I say we maxed out on clay? Well with two different Garmins sending us different routes we opted for the long one, around the mountain approaching from the west. Do not do that! Take the approach road from the east. The west-side road deteriorated and when we wanted to turn around upon reaching snowy mud and a sharp and steep left-hand turn, our car got stuck. After the usual harvesting of branches, multiple tries and some blind luck, the car got moving again. We had opened the windows to get more grip for pushing the car, but when it eventually sprinted out of trouble the spray redecorated not only ourselves but the interior of the car too! Needless to say, the car was a pig stein after this... Of course, the eastern approach road was taken for a second attempt and that went like a breeze. Back to Bucharest for our hotel, alas having to skip the Moinesti MiG-21 due to our muddy adventures.

Bucharest -Otopeni Intl 1 December 2017  
5927 C-130B Stored near ramp  
6150 C-130B Stored near ramp

Bucharest -Arcul de Triumf 1 December 2017

**1st group**  
40 IAR330M Escadrila 903 with flag

**2nd group**  
48, 100 IAR330L Escadrila 862  
21, 75 IAR330M Escadrila 903  
106 IAR330M Escadrila 903

**3rd group**  
28, 56 IAR330SOCAT Escadrila 952  
79, 86 IAR330SOCAT Escadrila 952 no badge

**3rd group**  
140 IAR330N Grupul de Elicoptere FN

**4th group**  
201, 202 SA365N SRI  
203 SA365N SRI

SRI stands for *Serviciul Roman de Informatii*, but they were merely marked 'Romania'.

**5th group**  
108, 110 Mi-17-1V Inspectoratul Gen. Aviatie  
730 Mi-8PS Inspectoratul Gen. Aviatie

The Mi-8 is marked as T, but has square windows.

**6th group**  
290 EC135P2 Inspectoratul Gen. Aviatie  
334 EC135T2 SMURD

The first EC135 was also marked *Politia*.

**7th group**  
6191 C-130H Escadrila 901

**8th group**  
2703, 2704 C-27J Escadrila 902  
2707 C-27J Escadrila 902

**9th group**  
713, 717 IAR-99C Soim Escadrila 951  
724 IAR-99C Soim Escadrila 951

**10th group**  
6010, 6207 LanceR-C Escadrila 861  
6305 LanceR-C Escadrila 861

**11th group**  
6607, 6840 LanceR-C Escadrila 711  
9611 LanceR-C Escadrila 711

**12th group**  
188749, 188790 CF-188 409sq

**13/14th group**  
1602, 1607 +3 F-16AM Escadrila 53

**15th group**  
LY-WAA, LY-WAW Iak-52TW Private  
N185YK Iak-52TW Private

Probably one of Europe's largest military parades, along with France, Spain and Poland, is the Romanian Great Union Day parade. In commemoration of the unison of Romania and Transylvania in 1918, it consists of marching troops from numerous countries, a fly-by over the replica of the Arch of Triumph and rolling material to top it off. One of us sampled these goods packed like a herring with other reporters in the press enclosure, while the other two tried their luck a couple of hundred metres from the centreline being eyeballed by the Securitate (yes, they still exist). As this was our first time we did not have an ideal spot. Luckily, the helicopters were quite low and straight along the centreline. The transports and jets were off line though, unfortunately on our side too; so more or less overhead. Next year is the 100th incarnation and wetter permitting should see a bigger parade (this year's instalment was ten aircraft short of last year's).



Bucharest is the venue for the yearly commemorative parade to celebrate the Ziua Marii Uniri (Great Union Day) of Romania and Transylvania on 1 December 1918. So next year will see the 100th year's edition. Among the participants were no less than three rare SA365 Dauphins. (Bucharest, 1 December 2017, Erwin van Dijkman)

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Some of the original MiG-21F-13s operated by the Romanian Air Force can still be found, if you look carefully for them. This 18 is in use at a technical school on the premises of Baneasa airport. (Bucharest-Baneasa, 3 December 2017, Erwin van Dijkman)

Bucharest -Aurel Vlaicu Intl/Baneasa	1 December 2017
334, 349	EC135T2 SMURD
108, 110	Mi-17-1V Inspectoratul Gen. Aviatie
730	Mi-8T Inspectoratul Gen. Aviatie
716	Mi-8T Stored on ramp
013	C295M 8 BLTr.
204	IAR-93MB Derelict near Aeroclub

Bucharest -Baneasa Colegiul Henri Coanda	1 December 2017
735, 744	MiG-15 Stored
18	MiG-12F-13 Stored

This is a closed off part of the base accessible by a narrow alley. The guard at the gate waved us through, but when we left, another guard seemed angry at us. We let the two of them sort it out together.

**Bucharest-HQ Forțele Aeriene Române 1 December 2017**

114	IAR-93A	Preserved
Bucharest-Straero	1 December 2017	
159	IAR-93MB	Preserved grey c/s
Bucharest-Muzeul Militar National	1 December 2017	

**Inside**

153	IAR-93A	Preserved
23	IAR316B	Preserved
47	lak-11	Preserved
51	Fleet 10G	Preserved
802	MiG-19P	Preserved
87	FN305	Preserved

**Outside**

01	IAR-823	Preserved
20	IAR330L	Preserved
244	MiG-15bis	Preserved

Today, entrance was free, while the aviation museum proved to be closed...

Bucharest-Faur factory	1 December 2017	
208	IAR-93MB	Preserved poarta 4
This is just inside gate 4, near the bus stops.		

Fetesti-town	1 December 2017	
8011/"2004"	MiG-21RFMM	Preserved

On our way to Constanta we made a short detour to Fetesti. Not only to buy a two-way ticket for the toll bridge at a local petrol station to avoid standing in line at the bridge, but also to make some night shots of the pole mounted MiG in town.

Topraisar	2 December 2017
707	Mi-8T Preserved

<b>Tuzla airfield</b>	<b>2 December 2017</b>
YR-ADR	PZL-104 Preserved ex DOSAAF
YR-PBR	An-2 Private ye c/s
YR-PVR	An-2 Stored camo c/s

Some small aircraft and non-military Antonovs reside here plus some off shore helicopters. Obviously, no sign of the based Navy Pumas on a Saturday.

Constanta-Mihail Kogalniceanu	2 December 2017
5724, 6707	LanceR-C Escadrila 861 on alert
6824, 6807 +2	LanceR-C Escadrila 861 hangared
6487, 6840 +3	LanceR-C Escadrila 861 flightline
188750, 188770	CF-188 409sq hangared
38, 69 +1	MiG-29A Stored northern dispersals
76	MiG-29A Stored flightline
8x	MiG-29A Stored compound on base
5x	UH-60M 3-227 AVN

Due to the various obligations of our Canadian hosts on Great Union Day, the actual visit could not be shoe horned in on Friday so it took place on Saturday afternoon. Glimpses of the five US Army 3-227 AVN UH-60Ms, some Lancers as well as the storage compound with eight MiG-29s provided something to look at that is impossible to see from outside. Two more Lancers and two Pumas were in the maintenance hangar and three more Lancers were on the flight line including a camouflaged dual. The two Pumas outside their operational hangar also eluded us. We continued from the outside, to read two of the three MiG-29s that are stored in the north-western dispersals. This is easily done from the road along the graveyard adjacent to the base. Before our visit we had potted the two alert Lancers by taking the deteriorated asphalt road on the east side of the airfield.

Colonesti	3 December 2017
215	IAR-93MB Preserved
Bals-Spineni	3 December 2017
YR-PSA	An-2 Stored
YR-YAV	An-2 Stored ex FAR 47
YR-DAN	An-2 Stored

West of Bals they sit along the roadside in a dismal state.

Craiova	3 December 2017
163	IAR-93A Preserved gate, blue c/s

605	IAR-93B-DC	Stored
209	IAR-93MB	Stored
115, 119	IAR-93A	Derelict
181	IAR-93A-DC	Derelict
230, 240	IAR-93B	Derelict

Still some Vultures remain. The airfield's gate was open because there are some small business there now too. So, we took the opportunity to see the old IAR-93s. There should be another between buildings but we did not see that. Anyway, a worthwhile roundtrip from Bucharest to Craiova.

Craiova-Facultatea de Electrotehnica 3 December 2017  
(YR-AMX)

...	An-24	Preserved	
16	IAR-99	i/a, nose only	inside
(YR-ZLA)/"YR-EIB/2004"	MiG-21F-13	i/a	inside
	Zlin 526	i/a	outside

Craiova-Traian Vuia College 3 December 2017  
746

Craiova-Valea Fetii 3 december 2017  
711

On a sloped and bushy terrain, visible from the south side.

Deveselu 3 December 2017  
4707

This used to be a military housing area but it is freely accessible now.

Balaci 3 December 2017  
20

Rosiori de Vede 3 December 2017  
217

This is parked at the *Spitalul de Pneumoftiziologie*, and we have no idea what they are (or were) treating there...

**Clinceni airfield 3 December 2017**  
5117

**Bucharest- Muzeul Aviației FAR 3 December 2017**

The full name is *Muzeul Național al Aviației Române*. Because it was closed on National holiday 1 December, we returned here on Sunday before heading to Otopeni to catch our flight.

#### Inside

YR-ACR	Aero 45	Preserved	
01	IAR317	Preserved	Skyfox
(74)/YR-ICE	IAR-813	Preserved	
19	IAR-823	Preserved	
YR-909	IS-30	Preserved	
50	L-29	Preserved	
2713	MiG-15bis	Preserved	
0904	MiG-17PF	Preserved	
750	MiG-19P	Preserved	
10	MiG-21F-13	Preserved	
14	Iak-23	Preserved	

YR-ZLA	Zlin 526	Preserved	<b>366</b>
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Also, IAR-80 replica '112' is here. The Skyfox has allegedly been built from IAR316B 104.

#### Outside

130	BN-2A	Preserved	
35	Iak-52	Preserved	
51	IAR316B	Preserved	
01	IAR316B	Preserved	
45	IAR316B	Preserved	
86	IAR316B	Preserved	
114	IAR316B	Preserved	
47	IAR330L	Preserved	
15	IAR-823	Preserved	
(01)	IAR-828	Preserved	
112	IAR-93A	Preserved	
232	IAR-93B	Preserved	
002	IAR-93DC	Preserved	
182	IAR-93A-DC	Preserved	
103	IAR-28MA	Preserved	<b>05</b>
105	IAR-28MA	Preserved	<b>07</b>
15	L-29	Preserved	
140	L-39ZA	Preserved	
246	MiG-15	Preserved	
727	MiG-15	Preserved	dismantled
2543	MiG-15UTI	Preserved	
2579	MiG-15UTI	Preserved	
442	MiG-17F	Preserved	
444	MiG-17F	Preserved	
502	MiG-17PF	Preserved	
018	MiG-19PM	Preserved	
714	MiG-21F-13	Preserved	
710	LanceR-A	Preserved	
503	MiG-21M	Preserved	
8006	MiG-21RFMM	Preserved	
2007	MiG-21C	Preserved	
1120	MiG-21U-400	Preserved	
3910	MiG-21US	Preserved	new sv c/s
67	MiG-29A Sniper	Preserved	
127	Mi-4	Preserved	stored nr hangar
03	Mi-8T	Preserved	
05	Mi-8T	Preserved	
709	Mi-8PS	Preserved	
52	Iak-23	Preserved	
15	Zlin 526F	Preserved	

IAR316B 01 came from AF HQ this summer. Vultur 232 has also been added to the collection this year. Missing from the list was MiG-21RFM 508, although there was a forward fuselage in the storage hangar, refer below.

#### Storage hangar (closed)

...	IAR316B	Stored	frame
...	MiG-21	Stored	forward fuselage



Oraos can be found preserved around Romania in numbers. Those who have visited Craiova in the past, know that this is a far cry of the huge rows stored there in the nineties. The survivors look rather forlorn as you can see. (Craiova, 3 December 2017, Erwin van Dijkman)

Personal copy



In the mean time this A320-251N has been delivered to Air India in October as VT-CIG. In July though, the aircraft was still parked with the French test registration F-WWIC at the Airbus facility at Toulouse. (Gerben Hazebroek, 27 July 2017)

76/YR-ALB SA318C Stored wh/bl c/s  
 With some muscle we hoisted ourselves high enough to peep through the windows.

Storage shed (off limits)

05	IAR-822B	Stored	
04	SM-1	Stored	
29	SM-2	Stored	
38	lak-18	Stored	

Especially the SM-2 is a nice find, the serial was very faded indeed. These were in bad shape. The shed is to your left when walking back to the entrance.

Bucharest-Henri Coanda Intl/Otopeni		3 December 2017	
1104, 1105	An-30	Escadrila 902	
2701, 2703	C-27J	Escadrila 902	
2704, 2705	C-27J	Escadrila 902	
2707	C-27J	Escadrila 902	
6191	C-130H	Escadrila 901	
5024	An-24RT	Preserved	inside gate
801	An-26	Stored	
YR-BRE	RomBAC1-11	Stored	
YR-BRI	RomBAC1-11	Stored	
28	IAR316B	Preserved	inside gate
405	Il-28R	Preserved	behind side gate

The last muddy track, again near a cemetery. The Il-28 is easy to see during winter but can be obscured by trees in summer, necessitating some mild trespassing. Cleaning our shoes and car, we reflected on a very productive short sojourn to Romania; easy on the budget and lots of fun. Highly recommended!

**Civil trips**

France

Werchter-Camping De Klokkeberg		7 and 8 July 2017	
CS-DLB	Falcon 2000EX	NetJets Europe	
EI-EKV, EI-EPD	B737-8AS	Ryanair	
EI-FOK, EI-FRZ	B737-8AS	Ryanair	
EI-FWD	SSJ100-95B	Brussels Airlines	
EI-FZF	B737-8AS	Ryanair	
F-GFUF	B737-3B3F	ASL Airlines France	
G-ECOK	DHC-8-402	Brussels Airlines	
G-EZTX	A320-214	easyjet Airline	
G-JEDW	DHC-8-402	FlyBe	
G-THFC	ERJ135BJ	London Executive Aviation	
HB-JZZ	A320-214	easyJet Switzerland	
OO-TOF	R44II		
PH-KZM	Fokker 70	KLM Cityhopper	

Hub traffic

Brussels Airlines A319 (8), A320 (1)  
 The first stop of our summer holiday brought us directly underneath the extended centerline of Brussels' runway 25R. Within minutes after arrival we had two C-130s roaring overhead low, followed later by other arrivals including a Sukhoi Superjet.

Mitry Mory-Intermarché		8 July 2017	
9H-VFE	CL-605	VistaJet Malta	
CS-DRY	BAe125-800XPI	NetJets Europe	
CS-PHA	EMB505	NetJets Europe	
G-FBKG	Ce510	Blink	
OO-ACC	Ce525A	Air Service Liège	

During a short stop en-route to our next destination, some inbound traffic for Le Bourget was spotted from a parking lot close to this airfield.

Paris-Charles de Gaulle		10 July 2017	
3B-NBD	A340-313X	Air Mauritius	
4X-EAJ	B767-258ER	El Al Israel Airlines	
7T-VJZ	A330-202	Air Algérie	
A6-EDG	A380-861	Emirates Airlines	
A7-APA	A380-861	Qatar Airways	
B-5930	A330-243	China Eastern Airlines	
B-6076	A330-243	Air China	
C-GFUR	A330-343X	Air Canada	
CN-RGM, CN-ROL	B737-8B6	Royal Air Maroc	
D-AIDK	A321-231	Lufthansa	
D-AIPC	A320-211	Lufthansa	
EC-MDZ	A320-232	Vueling Airlines	
EC-MFL	A320-232	Vueling Airlines	
EI-DEJ	A320-214	Aer Lingus	
EI-EID	A320-216	Alitalia	
EK32008	A320-211	FlyOne	
ET-AQL	B777-260LR	Ethiopian Airlines	
F-FBJH	ERJ-175STD	FlyBe	
F-GRSQ	A330-243	XL Airways	
F-GZTS	B737-73V	ASL Airlines France	
F-RADB	A310-304	ET 03.060	
F-RAJA	A340-212	ET 03.060	
G-CELO	B737-33A	Jet2 (Channel Express)	
G-EZGF	A319-111	easyjet Airline	
G-EZRB	A320-214	easyjet Airline	
G-POWD	B767-36NER	Titan Airways	
HB-IPV	A319-112	Swiss International Airlines	
N703TW	B757-2Q8	Delta Air Lines	
N825MH	B767-432ER	Delta Air Lines	
OE-LBV	A320-214	Austrian Airlines	
OE-LYY	A319-132	Eurowings Europe	
OH-LXD	A320-214	Finnair	

OK-NEO	A319-112	CSA Czech Airlines
PH-BCA	B737-8K2	KLM
PT-MUB	B777-32WER	TAM Brazil
SP-ENY	B737-86N	Enter Air
SU-GDU	A330-343E	EgyptAir
SX-DVM	A320-232	Aegean Airlines
TC-ETN	A321-131	AtlasGlobal
TC-JSP	A321-231	THY-Turkish Airlines
TC-OBY	A321-231	Onur Air
TS-INA	A320-214	Nouvelair Tunisie
UR-PSE	B737-84R	Ukraine Int'l Airlines
VN-A891	A350-941	Vietnam Airlines
VQ-BEA	A321-211	Aeroflot
YR-ASD	A318-111	TAROM

In the afternoon some hours were spent along the fence at our favorite location (Scramble Air Field Guide spot 05) at Charles de Gaulle. Warning signs clearly indicate the need to have a photo permit, which we had arranged earlier. The permit is valid for a number of years. All in all, the atmosphere was very relaxed. Traffic is never boring here, where you can see one A380 holding short for another, or catch up with the latest deliveries - in our case Air France Boeing 787s and a Vietnam Airlines A350. FlyOne A320 EK-32008 was an interesting catch as well.

Seine-et-Marne region		11 and 12 July 2017
2443/CGW	AS-532UL	5 RHC
7T-VJB, 7T-VJX	A330-202	Air Algérie
F-GTUI	B747-422	Corsair
F-HHAV	A350-941	Air Caraïbes
TS-IFN	A330-243	Tunisair

Since our last trip to this region, Air Caraïbes has started flights from Orly with the A350, so it was nice to see F-HHAV for the first time here. AS532 CGW was spotted on a low-level flight around the camp site - this Cougar later flew in the aerial parade for the French national day.

Auch-Gers		14 July 2017
F-HDAB	DA-42NG	Beck Investissements
F-GJFE, F-HFTV	Beech B200	Aero Sotravia
F-HPIX	BN-2B-26	PixAir Survey
F-HSUR	BN-2A-26	PixAir Survey

Just north of Auch, you will find a small airfield. By coincidence we ran into the fixed wing support element of the 2017 Tour de France, which included Beech 200s F-HFTV and F-GJFE serving as TV-relay for the Tour de France. The Islanders were used as communications relay.

Toulouse-Blagnac		15 July 2017
EC-KAI	ATR42-300	FedEx Express
EI-GAU	A319-111	Volotea Air
F-GCTO/MIP5	AS350BA	Heli Evenements
F-GHLS	AS355N	Mont Blanc Hélicoptères
F-GHPH	AS350B2	Air+
F-GJRP/IP1	AS350BA	Hélicoptères de France
F-GKMQ	AS350B3	CDC Group
F-GMBQ/VIP4	AS350BA	Hélicoptères de France
F-GPHA	A109S	Lixxbail
F-GPYC	ATR42-500	Hop!
F-GXPE	AS350B2	Hélicoptères de France
F-GZEN	AS350B3	Skycam Hélicoptères
F-HAUF/VIP2	AS350B3	Azur Hélicoptère
F-HHPM/VIP3	AS350BA	Hélicoptères de France
N79MA	G550	Meadow Air
OO-NLT	PC-12/47E	Aerocon
VP-CSM	L-1329	Ashmawi Aviation stored

Today we made a quick hit-and-run for Blagnac, hopefully to see the helicopters flying for the Tour de France, which departed from the nearby town of Blagnac. A109 F-GPHA, relay helicopter F-GXPE and camera ship F-GHLS were seen later in the morning overflying the area. Those indicated with VIP were used as transports for sponsors and the like.

Marsan		17 July 2017
AS350B2 F-HBAU	of Réseau de Transport d'Électricité, the company responsible for electricity transport in France, was seen whilst conducting a routine inspection of high voltage powerlines near the village of Marsan. Luckily that this job has not been taken over (yet) by drones! Also a Hélidax EC120 was seen flying (unfortunately too high to be read).	

Toulouse-ONERA/SUPAERO		17 July 2017
Driving southbound on the A620 in Toulouse Mirage IIIA no. 10 can be seen around position 43.572460N, 1.472616E as it is parked at the backside of the ONERA/Supaéro facilities. A color scheme has been applied to this early model Mirage III by students of a local aeronautical school resembling the Mirage 2000 prototype.		

Département Aude		19 July 2017
F-GGNY	TB-20	Ecole Nat. de l'Aviation Civile
F-HLCB	EC135T2	SAF Hélicoptères
F-WZGS	A350-1041	China Airlines
F-ZAHA	AS-550U2	CEV

During our stay in this department a variety of aircraft were seen. A very nice catch today was a AS550U2 F-ZAHA, which



Citilink also had to wait a little bit longer before receiving this A320NEO. Like several other P&W engined aircraft F-WWBF was also delayed due to logistical problems at the engine manufacturer. MSN 7834 was finally delivered as PK-GTF on 27 October. (Gerben Hazebroek, 27 July 2017, Toulouse)



Newly built Airbus aircraft usually look like this A350-900, not in primer (which is usually greenish) but in this corrosive protective coating. Waiting outside a hangar at Airbus Toulouse for the mating of the engines, this A350 will be delivered as A7-ALX to Qatar Airways in the near future. (Gerben Hazebroek, 27 July 2017, Toulouse)

belongs to the flight test department of the French Air Force (DGA Centre d'Essais en Vol), as was EC135T2 F-HLCB which provides EMS in the Department of Haute Garonne, using call-sign SAMU31.

Registration	Construction Number	Operator	Date
F-WWCB	A330-203	Airbus Industries	21 July 2017
D-AVWA	A319-171N	Airbus Industries	
Toulouse-Blagnac			22 July 2017
7T-VJP	B737-8D6	Air Algérie	
CS-TPO	ERJ190LR	TAP Air Portugal	
D-ACNM	CRJ900LR	Lufthansa Regional	
D-ASTB	A319-112	Germania Flug	
EC-MJE	CRJ200ER	Air Nostrum	
EI-DSW	A320-216	Alitalia	
EI-FMV	A319-111	Volotea Air	
EI-FXP	A319-111	Volotea Air	
F-GFUF	B737-3B3F	ASL Airlines France	
F-GIXC	B737-38BF	ASL Airlines France	
F-GMTJ	Ce510	Ouest Participations	
F-GMZA	A321-111	Air France	
F-GPLK	Beech C90A	Air Toulouse	
F-HBNB	A320-214	Air France	
F-HGPG	Ce525	Groupe Philippe Ginestet	
F-WTTE	A330-941N	Airbus Industrie	
F-WWAN	A380-842	Airbus Industrie	
F-WWAO	A380-861	Airbus Industrie	
F-WWBA	A320-111	Airbus Industrie	
F-WWBC, F-WWBO	A320-271N	Airbus Industrie	
F-WWBJ, F-WWBS	A320-251N	Airbus Industrie	
F-WWBU, F-WWBY	A320-271N	Airbus Industrie	
F-WWCA	A340-642	Airbus Industrie	
F-WWCE	A330-343E	Airbus Industrie	
F-WWCF	A350-941	Airbus Industrie	
F-WWDC	A320-214	Airbus Industrie	
F-WWDE	A320-251N	Airbus Industrie	
F-WWDI, F-WWDL	A320-271N	Airbus Industrie	
F-WWDJ, F-WWDM	A320-214	Airbus Industrie	
F-WWDS, F-WWDT	A320-271N	Airbus Industrie	
F-WWDV	A320-271N	Airbus Industrie	
F-WWDY	A320-214	Airbus Industrie	
F-WWDZ, F-WWIB	A320-271N	Airbus Industrie	
F-WWIC, F-WWIU	A320-251N	Airbus Industrie	
F-WWIK	A320-271N	Airbus Industrie	
F-WWKV	A330-343E	Airbus Industrie	
F-WWTK, F-WWTX	A320-271N	Airbus Industrie	
F-WWTL	A320-251N	Airbus Industrie	22 July 2017
F-WWYN	A330-343E	Airbus Industrie	
F-WXAH	A320-232	Airbus Industrie	
F-WXXL	A380-841	Airbus Industrie	
F-WZFJ	A350-941	Airbus Industrie	
(F-WZGK)	A350-1041	Airbus Industrie	
(F-WZGM)	A350-1041	Airbus Industrie	
(F-WZGU)	A350-941	Airbus Industrie	
(F-WZNA)	A350-941	Airbus Industrie	
(F-WZNP)	A350-941	Airbus Industrie	
(F-WZNZ)	A350-941	Airbus Industrie	
G-EZIH	A319-111	easyjet Airline	
G-EZIR	A319-111	easyjet Airline	
G-EZWR	A320-214	easyjet Airline	
G-HARG	EMB550	Bristol Flying Centre	
G-JMCT	B737-3Y0	West Atlantic	
LZ-CGW	B737-46J	Astra Airlines	
M-AMRM	ATR72-212A	fly 540 (stored)	
RA-82044	An-124-100	Volga-Dniepr Cargo	
The registrations between brackets are derived from the construction number. The aircraft did not display the registration, but did carry the c/n. was applied. However, the construction number was applied.			
Toulouse-Collection Ailes Anciennes			22 July 2017
3	Br941S	CEAM c/s, as "305"	
5	Br1050	6F	
90	Mirage IIIC	AdIA	
457	CM.170	Esq. da Fumaça c/s	
(52-7615)/AVV	H-19D	ALAT	
(53-6760/FU-125)	F-84F	EC 1/1	
(F-AMKT)	Caudron 286	-	
(F-AZRC)/MAB	N3400	ALAT	
(F-CAJN)	Caudron 800	-	
1	SO-6025	AdIA	
2	J35Ö	FIRgt 2/1	
6	Etendard IVM	59S	
1	Mystère IVA	Dassault Aviation	
116-RB	H-34A	AdIA	
1655	SE3160	ALAT	
178/"529/FTF-VB"	CM.170	Patrouille de France	
191/D	2501F	ETOM 88	
201/J	2501F	AdIA	
22+86	MiG-21M	NVA	
227	MD312	AdIA	
26789/789	F-84F	HAF	
41-39223	A-26B	AdIA	

48/12-UA	Super Mystère B2	EC 12
491	Mirage III E	EC 3/3
504	Br765	ET 2/64
51-10809/"110437/FS-437"	F-84G	58 FBW
51-4230/"58-0468"	T-33A	HI ANG
525/PF	HR.100-250TR	CEV
54-2239/FW-239	F-100D	EC 4/11
58-0282	F-101B	-
640	SO-4050	EB 1/92
693/BI	310Q	CEV
770	MiG-21SPS	NVA
92975/OJ	T-6G	EALA 5/72
	TB-9	-
F-BHPM	PA-23-160	ENAC
F-BJLR	MH1521M	Union Aerom. de Transp.
F-BMMT	MS.733	-
F-BMNE	MS.880B	Jean Paul Garson
F-CCOQ	WA-30	-
F-FLJJ	D.119	-
F-GHMU	SE210-10B3	Air Toulouse International
FR106/"FR16/D"	H-21C	31F
F-WBHA	Deltaviex	CEV
F-WOFN	ST-10	-
F-WZJL	AS350	Aerospatiale
G-ALWC	C-47A	Clyde
J-4065	Hunter F.58	Swiss AF
NF11-8/BG	Meteor NF11	CEV
XE950	Vampire T55	56(R) Sqn

During a visit of the Ailes Anciennes museum, some of the traffic at Toulouse was spotted, the surprise of the day for us being the Volga-Dnepr Condor (RA-82044). The situation regarding delayed engine deliveries for the A320NEO still has not been resolved and many newly built airframes could be seen stored at every possible square feet of the Toulouse tarmac. Among these aircraft is the 'mother of all A320s', MSN1, which will be added to the collection of the nearby Aeroscopia museum in the near future. Unmarked SN601 (former 5R-MHK) was seen at the Air Formation company, located at 14 avenue de l'Escadrille Normandie Niemen. The cockpit section of an unknown A340, reportedly scrapped at Tarbes, can be seen at the rooftop of the building.

Département Aude			23 July 2017
F-HGOD	P180	CM-CIC Bail	

			24 July 2017
8T-CB	C-130K	LuTSta	
F-WMIL	A350-1041	Airbus Industrie	
F-WWCY	A330-343E	Airbus Industrie	

Toulouse-Blagnac			26 July 2017
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7T-VKI	B737-8D6	Air Algérie
D-ABGO	A319-112	Eurowings
ET-AUC	A350-941	Ethiopian Airlines
F-GIXC	737-38BF	ASL Airlines France
F-GTAP	A321-211	Air France
F-HPJL	EMB505	Air TNB
F-PVAT	RV-6A	Thierry Pujol
F-WWAE	A380-842	Airbus Industrie
F-WWKH	A330-343E	Airbus Industrie
F-WWOW	A380-841	Airbus Industrie
F-WWSN	A380-841	Airbus Industrie
(F-WWSS)	A380-841	Airbus Industrie
F-WZGE	A350-941	Airbus Industrie
G-EZAL	A319-111	easyjet Airline
G-MIDO	A320-232	British Airways
OO-SSB	A319-111	Brussels Airlines
PH-EZC	ERJ190STD	KLM Cityhopper
TC-JVM	B737-8F2	Turkish Airlines

Today we did a factory tour of Airbus Toulouse. The tour was booked via [Manatour.fr](http://Manatour.fr). We decided to opt for the A380 tour, which also includes a visit to that facility. Also included is a short stay on the balcony overlooking a part of the vast Airbus flight lines. Too bad there is a strict no-photography policy; the views are great up there. Many factory-fresh A350s were seen stored in this part of the airfield. A330 F-WWKH flew

one of its final check-out flights before being delivered to the Arabian Peninsula as HZ-AQ26 the next day.

Département Aude			26 July 2017
F-WWXL	A350-1041	Airbus Industrie	
Toulouse-Blagnac			27 July 2017
106/BX	TBM-700A	DGA-EV	
7T-VJP	B737-8D6	Air Algérie	
B-8967	A330-343E	China Eastern Airlines	
C-GSAT	A310-308ET	Air Transat	
CS-TPQ	ERJ190LR	TAP Air Portugal	
D-AIZC	A320-214	Lufthansa	
D-ALER	B757-2Q8F	DHL	
D-ASTY	A319-112	Germania Flug	
EC-402	A400M	Airbus Military	
EC-LJS	CRJ1000	Air Nostrum	
EC-MJC	A320-232	Vueling Airlines	
EC-MJP	CRJ1000	Air Nostrum	
EI-DEP	A320-214	Aer Lingus	
EI-EMM	B737-8AS	Ryanair	
EI-FIW	B737-8AS	Ryanair	
EI-FMV	A319-111	Volotea Air	
F-GIXC	B737-38BF	ASL Airlines France	
F-GMQL	TB-20	ENAC	
F-GMZA	A321-111	Air France	
F-GNSO	Beech 58	ENAC	
F-GPLK	Beech C90A	Air Toulouse	
F-GPMA	A319-114	Air France	
F-GRHE	A319-111	Air France	
F-GSTA/1	A300B4-608ST	Airbus Transport Int'l	
F-GSTB/2	A300B4-608ST	Airbus Transport Int'l	
F-GSTF/5	A300B4-608ST	Airbus Transport Int'l	
F-GTAX	A321-212	Air France	
F-GUME	Beech 1900D	Twin Jet	
F-HBLC	ERJ190LR	Hop!	
F-HBNG	A320-214	Air France	
F-HBNI	A320-214	Air France	
F-HDAQ	DA-42	ESMA	
F-HOPZ	ATR72-212A	Hop!	
F-RBAH	A400M	ET 01.061	
F-WMIL	A350-1041	Airbus Industrie	
F-WWAO	A380-861	Airbus Industrie	
F-WWBF	A320-251N	Airbus Industrie	
F-WWBP	A320-214	Airbus Industrie	
F-WWCB	A330-203	Airbus Industrie	
(F-WWCN)	A330-302E	Airbus Industrie	
F-WWCT	A330-343E	Airbus Industrie	
F-WWDF	A320-271N	Airbus Industrie	
F-WWDG	A320-271N	Airbus Industrie	
F-WWEN	ATR72-212A	Airbus Industrie	
F-WWIF, F-WWII	A320-271N	Airbus Industrie	
F-WWIN	A320-271N	Airbus Industrie	
F-WWIO	A320-214	Airbus Industrie	
F-WWIT	A320-271N	Airbus Industrie	
F-WWIV, F-WWIX	A320-251N	Airbus Industrie	
F-WWIZ	A320-214	Airbus Industrie	
F-WWKT, F-WWKV	A330-343E	Airbus Industrie	
F-WWLS, F-WWLU	ATR42-500	ATR	
F-WWLV	ATR42-500	ATR	
F-WWOW	A380-841	Airbus Industrie	
F-WWTO	A320-271N	Airbus Industrie	
F-WWXL	A350-1041	Airbus Industrie	
F-WWYA	A330-302E	Airbus Industrie	
F-WWYM	A330-343E	Airbus Industrie	
F-WZFJ, F-WZFN	A350-941	Airbus Industrie	
(F-WZFZ), (F-WZFQ)	A350-941	Airbus Industrie	
F-WZNC, F-WZNE	A350-941	Airbus Industrie	
F-WZNI, (F-WZNZ)	A350-941	Airbus Industrie	
(F-WZFL), (F-WZFO)	A350-941	Airbus Industrie	
(F-WZFV), (F-WZGN)	A350-941	Airbus Industrie	
(F-WZGO), (F-WZGQ)	A350-941	Airbus Industrie	
(F-WZGU), (F-WZNA)	A350-941	Airbus Industrie	
(F-WZNK)	A350-1041	Airbus Industrie	
(F-WZNO), (F-WZNQ)	A350-941	Airbus Industrie	
(F-WZNU)	A350-941	Airbus Industrie	
c/n 167	A350-941	Airbus Industrie	



G-CGWW	ERJ145MP	Eastern Airways
G-EZAB	A319-111	easyjet Airline
G-EZEV	A319-111	easyjet Airline
G-EZIH	A319-111	easyjet Airline
G-EZIR	A319-111	easyjet Airline
G-EZTT	A320-214	easyjet Airline
G-EZUZ	A320-214	easyjet Airline
G-FBEM	ERJ195LR	FlyBe
G-JMCT	B737-3Y0	West Atlantic
G-MIDO	A320-232	British Airways
G-RJXG	ERJ145EP	bmi Regional
HZ-AQ26	A330-343E	Saudia
I-BIKO	A320-214	Alitalia
OO-JAR	B737-7K5	TUI Airlines Belgium
OO-SSU, OO-SSW	A319-111	Brussels Airlines
OY-SRV	B767-346FER	Star Air
PH-EZC, PH-EZH	ERJ190STD	KLM Cityhopper
SX-DGX	A320-232	Aegean Airlines
TC-JHO	B737-8F2	Turkish Airlines
TS-INH	A320-214	Nouvelair Tunisie
XA-UNO	A320-214	Interjet

Some serious time was spent today at numerous spots around the airfield to see as much of the 'Big Five' as possible: A380, A350, A330, Beluga and A400M. And successful it was, there was very much to be seen, including test flights of Delta, Lufthansa and China Airlines A350s, a new A380 for Qatar Airlines still in primer, a French Air Force A400M and DGA-EV TBM-700 taxiing past at arms' length, a rejected take off test by a Hainan Airlines A330 and of course several Airbus Super Transporters. Passenger A310s are getting rare nowadays, so C-GSAT was a welcome sight. A320 XA-UNO was delivered to its new owner Interjet.

ESMA stands for: École Supérieure des Métiers de l'Aéronautique.

Again, the registrations between brackets are derived from the applied construction numbers.

Département Aude			27 July 2017
F-HNAK	Beech C90GTx	ENAC	
Toulouse-Blagnac			1 August 2017
9M-AGE	A320-251N	Air Asia	
9M-AGF	A320-251N	Air Asia	
CN-NMH	A320-214	Air Arabia Maroc	
EC-LKF	CRJ1000	Air Nostrum	
EC-LUO	A320-232	Vueling Airlines	

EI-FMV	A319-111	Volotea Air
EI-SLV	ATR72-202F	ASL Airlines France
F-GRHG	A319-111	Hop!
F-GRHN	A319-111	Air France
F-GSTF/5	A300B4-608ST	Airbus Transport Int'l
F-HBAO	A320-214	Airbus Industrie
F-WWBQ	A320-271N	Airbus Industrie
F-WWDH	A320-232	Airbus Industrie
F-WWEX	ATR72-212A	Airbus Industrie
F-WWIY	A320-214	Airbus Industrie
F-WWLS	ATR42-500	Airbus Industrie
F-WZFA, F-WZFI	A350-941	Airbus Industrie
F-WZFN, F-WZNE	A350-941	Airbus Industrie
G-EZAL, G-EZBI	A319-111	easyjet Airline
G-EZOM	A320-214	easyjet Airline
G-JOTR	BAe146-RJ85	JOTA Aviation
N249NV	A320-214	Allegiant Air
PH-BCD	B737-8K2	KLM

After visiting 'la ville rose' (the 'pink town') in the morning we paid one last visit to Blagnac airport in the afternoon. Traffic was slow, with only a handful of A350 and ATR72 test flights. Some minor changes had been made to composition of the temporarily stored A320Ns, with a Jet Star Pacific and Easy Jet joining the ones that were seen over the last days (the latter remained unread unfortunately). A350 MSN126 still resided outside the A380 hangar.

Département Aude 2 August 2017  
F-WWIE A320-251N Airbus Industrie

3 August 2017  
F-WNEO A320-271N Airbus Industries

Several Airbus airliners were seen on test flights such as the A330 and A350 prototypes that were flying low over the area in full landing configuration with gear and flaps down. Though most of the day rain was pouring down on the region on the 24th, one short sunny spell sufficed to spot three aircraft in a minute, including an Austrian Air Force C-130K. Always stay sharp!

Chateauroux-Déols 4 August 2017  
On our way back home E-3F 36-CC was seen practicing touch-and-go's at this airfield.

Seine-et-Marne region 5 August 2017  
A nice catch early in the morning was Corsair A340 9H-SUN, the last one of another fine summer spent in France.

Credit: Gerben Hazebroek



Before being flown to Hamburg for final painting and outfitting this A380, destined for Qatar Airways, is seen coming in after a test flight. F-WWAO has already been delivered as A7-API on 18 December 2017. (Gerben Hazebroek, 27 July 2017, Toulouse)

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## Editorial addresses

**Dutch Aviation Society**  
Postbus 75545  
1118 ZN Schiphol  
The Netherlands  
Fax +31-84-738 3905  
<http://www.scramble.nl>

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ISSN 0927-3417

[info@scramble.nl](mailto:info@scramble.nl)  
[subscribe@scramble.nl](mailto:subscribe@scramble.nl)  
[mil@scramble.nl](mailto:mil@scramble.nl)  
[civ@scramble.nl](mailto:civ@scramble.nl)  
[milupload@scramble.nl](mailto:milupload@scramble.nl)  
[civupload@scramble.nl](mailto:civupload@scramble.nl)  
[webmaster@scramble.nl](mailto:webmaster@scramble.nl)

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Greece/Turkey/Cyprus	: Marco Dijkshoorn
Italy/Malta	: Johan Mulder
Portugal/Spain	: Eddy Wierenga
Scandinavia	: Hans van Herk
United Kingdom	: Erik-Jan Engelen
USAF	: Sander Wittenaar
US Army	: Erik-Jan Engelen
USCG/USMC/USN/NASA	: Stephan de Bruijn, Melchior Timmers
Japan	: Hans van Dam
Middle East	: Marco Dijkshoorn
Asia	: Erwin van Dijkman, Patrick Roegies, Marijn van der Burgt, Hans van Herk, Jaap Dijkstra, Jochem Manders
Asia/Israel	: Marco Pennings
Africa	: Michiel Vermeer
Latin America	: Erwin van Dijkman Wim Sonneveld
Canada/Caribbean	: Wim Sonneveld
Oceania/Ireland	: Jochem Manders
DoS Air Wing / Embassy Flt	: Peter Wilmink



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This inside cover is filled with photos made by Peter Heeneman during a visit to the Mauritius Police Force based at Port Louis on 5 december 2017. The first photo is from the National Coast Guard BN-2T Defender, MP-CG-02, of the Maritime Air Squadron.



The second photo is also from a Coast Guard aircraft, the Do-228-201 MP-CG-3. The Maritime Air Squadron has three aircraft on strength, only two were noted, because the MP-CG-1 was undergoing maintenance on the civil side of the airport



This former Indian Air Force SA316(HAL), MPH-09, is the newest member of the Police Force of Helicopter Squadron. It was handed over in December 2016, together with the MPH-06 (Port Louis, 5 December 2017, Peter Heeneman))

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To see Brazilian carrier Azul Brazilian Airlines in Europe you have to go to Lisbon, Portugal. Three of the six A330s in the fleet are painted in special colours. The first on this page is PR-AIU in Azul Viagens. This is the touroperator of the company. (Lisbon, 18 December 2017, Marcus Steidele)



HiFly Airbus A330 CS-TQW was painted in October at Manchester in the "Turn the Tide on Plastic" colour scheme. As the Mirpuri Foundation stands for a cleaner world they want to spread the message all over the world. (Brussels, 28 November 2017, Jochem Jottier)



Azul A330 PR-AIV is painted with the Brazilian Flag and was also seen at Lisbon. The third aircraft is PR-AIT has Tudo Azul titles which is the name of the frequent flyer program. (17 December 2017, Marcus Steidele)