

483
August 2019

Scramble



*Hamilton 75th Anniversary
Dawn Strike 2019
Belarus*



In support of their Estonian heritage Air Baltic decorated A220-300 YL-CSJ in a full Estonian flag decoration since 29 June 2019. Robert Eikelenboom captured the A220 on 2 July 2019 at Schiphol.



Over 25 years old and one of the last European BAe146-RJ100s in regular airline services. That fits to BRA-Braathens REgional Airlines SE-DSR, departing Norwich on 2 July 2019 and witnessed by Bob Ward.



The largest airline of Albania is Albawings. With a fleet of 3 B737-400/500s the company connects Tirana to the rest of Europe including services to Dusseldorf where Robert Eikelenboom saw B737-46J ZA-ALB during its departure on 23 June 2019.

Editorial

While the Netherlands are still recovering from another official heatwave period, a small but dedicated group of editors is working on Scramble 483. But despite the still high temperatures, we kept our heads cool and have prepared another interesting copy of your favourite magazine for you.

With the RIAT Fairford only just behind us, we have not been able to produce a report of this event yet, but we surely hope to do so next month. Which brings us to a kind request to send us more of your photos. We have noticed that the amount of photos that we have received is rather disappointing, despite the fact that we are in the middle of the air show season. So please keep them coming! You can send your pictures (and we can use both civil and military ones), to civupload@scramble.nl and milupload@scramble.nl respectively.

In this copy of Scramble, the usual Showreports and Wrecks and Relics sections and the Paramaribo movements are missing. But be patient: we hope to publish these next month. What we offer you is an interesting mixture of the usual sections and three articles from different parts of the globe. Andrew H. Cline reports on the commemoration of the 75th Anniversary of the D-day Invasion in Hamilton, Canada. Our subscriber Jeroen Oude Wolbers went 'Down Under' and shares his report on Exercise Dawn Strike 2019, which took place at Williamstown in Australia. Three of our editors, Erwin van Dijkman, Wim Sonneveld and Michiel Vermeer made an interesting trip to a country which is not regularly visited by the average spotter: Belarus. Not only do they operate a variety of interesting types there, but they must be absolutely aviation minded, judging the immense number of preserved aircraft that the Scramble editorial trio ran into. They have prepared a massive showreport/article for you. But enough small talk now: go and read for yourself!

Cover Photo



Now that the Turkish Air Force will most likely not receive the F-35, the F-16 will be the mainstay of their fighter force for many years to come. Shown here is 07-1029. (Konya, 25 June 2019, Dino van Doorn)

Important dates

Scramble 484	
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Scramble World Airline Fleets 2019	243 pages
SMS Europe 2019	139 pages
SMS North America 2019-2020	183 pages
Scramble Military Transports 2017	87 pages

Movements Netherlands



Airbus OE-LCR positioned to Amsterdam on 5 June 2019 and operated its first service the next day. The A321 was added to the Anisec Luftfahrt (trading as Vueling Austria) fleet in June 2018 and is being operated in the LEVEL brand colours. (Amsterdam - Schiphol, 27 June 2019, Ton Jochems)

Amsterdam - Schiphol

June 2019			
01.9H-KAZ	BAe125-900XP	Hyperion Aviation	HYP005
C-FIVQ	B777-333ER	Air Canada	f/v ACA824/5
D-CHDJ	Ce560XLS	Excellent Air	02 ECA62D
D-IIVA	P180	AirGo	XGO2AM/2PB
EC-MNS	B787-8	Air Europa	AEA1091/8
EC-MXJ	A320-214	Gowair (a/w)	dep TFL789
EC-MXJ	A320-214	Gowair (a/w)	TFL790/769
F-HBPE	ERJ145LR	Pan Européenne	AFR1336/7
LX-VMF	Ce560XL	Luxaviation	02 LXA15P
LY-NVR	A320-214	SunExpress	f/v SXS540/1
LY-SPC	A320-231	GetJet Airlines	LOT267/8
N683GA	Global Express	Select Management Resources	f/v 02
N899CH	Global XRS	Lead Image	f/v 05
OE-FCB	Ce510	GlobeAir	GAC363V/252W
OK-YBA	A330-323X	CSA	CSA616/7
OO-GEE	PC-12/47E	Blue Sky Aviation	02
OO-MMT	Ce560XLS	Air Service Liège	dep
OY-SWO	Falcon 2000S	Blackbird Air Charter	BBB420/P
PH-ECE	EC120B	Heli Holland Holding	
TC-LKB	B777-36NER	Turkish Airlines	THY1953/4
VQ-BHA	Falcon 7X	Squadron Aviation	
02.A6-EPK	B777-31HER	Emirates	f/v UAE145/6
C-FIUL	B777-333ER	Air Canada	f/v ACA824/5
CS-DIY	Ce525B	Air Jet Sul	07 AJU521
D-AOLH	Fokker 100	Avanti Air	AFR1336/7/1436/7
D-ASIM	Falcon 7X	Air Hamburg	f/v 05 AHO886L/007X
D-BIKA	Falcon 2000EX	ACM Air Charter	BVR777
D-CAWX	Ce680	Aerowest	
D-CHIC	EMB505	Air Hamburg	03 AHO225T
D-CTWO	Lj35A	Air Alliance Express	03 AYY108
D-ICBA	Ce525A	ProAir	
D-IGWT	Ce525A	Sylt Air	03 AWU702G/703G
D-IOHL	Ce525A	Excellent Air	04 ECA3C
EC-MQH	A320-214	Gowair	03 TFL092P/275
EC-MXJ	A320-214	Gowair (a/w)	TFL770/685/6/091P
ES-SAS	A320-214	easyJet (a/w)	f/v EJU2729/30
G-CKWE	B787-9	Norwegian	f/v NAX7700/1
G-HCSA	Ce525A	Bookajet	04
G-JZBH	B737-8MG	Jet 2 Holidays	f/v EXS205/6
G-XPTV	ERJ135BJ	Arena Aviation	03 REN87M/83H
LX-VMF	Ce560XL	Luxaviation	11 LXA15P
LZ-BVS	B737-3H4	BulAir (a/w)	f/v LZB461/2
N92FX	Global Express	Flexjet	03 LXJ92
N527AH	ERJ190BJ	Lineage Asset	dep
N843GX	Global Express	Greystar Real Estate Partners	04
OE-FGB	Ce525A	Jet Pool	
OM-KEX	B737-8BK	Sun d'Or	f/v ELY5425/6
OO-MMT	Ce560XLS	Air Service Liège	
OO-MMT	Ce560XLS	Air Service Liège	04
OO-XLS	Ce560XLS+	Air Service Liège	04
OY-VIZ	Global 5000	Execujet Scandinavia	03 VMP944
P4-AND	Ce750	Baden Aircraft Ops	04
SE-RFH	Ce680	EFS	EUW5143
SP-ATT	Beech 400A	Smart Aero Solutions	SAH48P
TC-LKA	B777-36NER	Turkish Airlines	THY1953/4
VP-BVG	Global XRS	MVA Aviation	03
VQ-BHA	Falcon 7X	Squadron Aviation	
VQ-BUD	B777-2Q8ER	Nordwind Airlines	06 NWS9801/2
03.9H-VCO	CL-350	VistaJet Malta	04 VJT449
A6-EPN	B777-31HER	Emirates	f/v UAE145/6
C-FIUR	B777-333ER	Air Canada	f/v ACA824/5
D-CAGA	EMB505	Luxaviation Germany	04 LXG55GA
D-CDOC	Lj45	Jetcall	JCL2
D-IAAW	EMB500	Arcus Air	04 AZE61VQ/59RE
D-ISLT	Ce525A	Sylt Air	04 AWU903K/904K
EC-LZO	B767-35DER	Privilege Style	CND595P/595
EC-LZO	B767-35DER	Privilege Style	04 CND596/295
EC-MQH	A320-214	Gowair	04 TFL276/507
G-WLKR	EMB550	Air Charter Scotland	EDC471
LY-SPC	A320-231	GetJet Airlines	LOT267/8
M-SPEK	Beech 350	Specsavers Aviation	SS29A/B
N307KP	Global Express	Elite Air	f/v 05
N610CX	Falcon 900B	Cathexis Holdings	f/v 04
OE-FPP	Ce510	GlobeAir	GAC638Q/749P
OE-FPP	Ce510	GlobeAir	05 GAC638Q/310Z
OE-FZD	Ce510	GlobeAir	04 GAC252X/843J
OO-CEJ	Ce525	Air Service Liège	04
SX-MAH	B737-405	Air Mediterranean	IBK3540/1
TC-JJK	B777-3F2ER	Turkish Airlines	f/v THY1953/4
YL-AAS	A220-371	Air Baltic	f/v BT1619/20
04.9H-VCO	CL-350	VistaJet Malta	05 VJT449
A6-ACE	Global 5000	ExecuJet Middle East	
C-FWPF	Global 6000	Flightpath Charter Airways	f/v
D-IJLJ	Ce525	ProAir	f/v
D-IQXX	Ce525	Müller Co-Ax	
EC-LZO	B767-35DER	Privilege Style	CND296/296P
EC-MQH	A320-214	Gowair	05 TFL508/793
G-SUGR	ERJ135BJ	Air Charter Scotland	EDC385
G-HCSA	Ce525A	Bookajet	06
LY-ELF	B737-36N	Getjet Airlines	f/v LOT267/8
N2JW	CL-605	Williams-kerkher Law Firm	arr
N450QS	G450	NetJets	05
N550XY	G550	Swiftite Aircraft	f/v 05
N1956M	G-V	ZBB	f/v
OE-GLJ	Lj60XR	LaudaMotion Executive	LDX17
OO-XLS	Ce560XLS+	Air Service Liège	07
YU-MPC	Ce525	MPC Holding	05
05.V-11	G-IV	334sq	NAF11
9H-VCG	CL-350	VistaJet Malta	07 VJT448
9H-VCO	CL-350	VistaJet Malta	06 VJT449
9H-VJF	Global 6000	VistaJet Malta	06 VJT762
B-LXL	A350-1041	Cathay Pacific	f/v CPA271/0
C-FGFG	CL-604	Skyservice Aviation	f/v 07

C-FIUV	B777-333ER	Air Canada	f/v ACA824/5	N1812C	Global 6000	Citigroup	f/v
D-ANGB	CL-604	MHS Aviation	f/v 07 MHV64B	OE-GAP	EMB505	Avcon Jet	f/v AOJ53P
D-CAGA	EMB505	Luxaviation Germany	06 LXG55GA	OO-ACO	Ce510	Air Service Liège	
D-CEFE	Ce525C	Eisele Flugdienst	06 EFD4E	VT-AHI	Global 6000	Reliance Transport & Travel	08
EC-MPN	Ce525	Air Taxi & Charter	06 IBJ805A/807A	VT-CPA	G550	Poonawalla Aviation	08
EC-MQH	A320-214	Gowair	06 TFL794/965	VT-IAH	A319-115X	Reliance Industries	08
M-AAKV	ERJ135BJ	AAK Company	dep	08.9H-KLS	Global 6000	Avcon Jet Malta	f/v VCJ91S
N29DE	Cirrus SF50	Deny Airlines	12	9H-VJO	Global 6000	VistaJet Malta	VJT889
N360SJ	Falcon 2000LX	Darby Holdings	f/v 08	D-AJET	ERJ135BJ	Air Hamburg	AHO682L
N470B	Global Express	Southern Air Systems	f/v	D-CHIP	Ce525B	Eisele Flugdienst	EFD3P
N843GX	Global Express	Greystar Real Estate Partners	06	EC-MPE	B787-8	Air Europa	AEA1091/8
N990NB	G550	Tisma	06	EC-NBN	A330-243	Wamos	TFL318/096P
N1902P	G450	Athene Employee Svs	06 TWY902	G-EUPX	A319-131	British Airways	12 BAW438/9277
OE-GKW	G100	Tyrol Air Ambulance	TYW757/8	G-NEOU	A321-251NX	British Airways	f/v 09 BAW442/423
OE-LCR	A321-211	Level	f/v FOO901P/8404	JY-AYZ	A319-111	Royal Jordanian	f/v RJA151/2
OE-LGC	DHC-8-402Q	Austrian Airlines	f/v AUA379/80	LX-LOE	Hawker 4000	Flying Group Luxembourg	
OE-LON	A320-214	Laudamotion	f/v 06 div LDM9SP	LY-SPC	A320-231	GetJet Airlines	LOT267/8
OK-SLN	ERJ135BJ	ABS Jets	ABP711/2	N36GV	G-V	Gama Aviation	
OO-ACO	Ce510	Air Service Liège	06	N805TM	G650ER	Toyota Motor Sales USA	dep
OO-CEJ	Ce525	Air Service Liège		N983J	Global Express	I M Jacobs	12
OO-JWB	PC-12/47E	Nextgen Partners		OE-GPS	Ce550	Tyrol Air Amb.	09 TYW847S/846S
OO-MMT	Ce560XLS	Air Service Liège	06	OE-HUB	Ce750	Bairline	
OO-PCJ	PC-12/47E	European Aircraft Private Club		OO-JAX	B737-8K5	TUI Belgium	JAF960/9615
P4-AND	Ce750	Baden Aircraft Ops	14	PH-GUV	B737-8EH	GOL	dep TRA051
SE-ROO	A320-251N	Scandinavian	f/v SAS547/8	TC-JJU	B777-3F2ER	Turkish Airlines	THY1953/4
VP-BVG	Global XRS	MVA Aviation		TC-NCE	A320-251N	Pegasus Airlines	f/v 09 PGT1255/6
06.9H-VCB	CL-350	VistaJet Malta	07 VJT453	09.9H-OJO	Global 5000	Elit'Avia Malta	f/v EAU51J
D-CDIM	Lj35A	Jet Eexecutive	JEI545	9H-VCF	CL-350	VistaJet Malta	VJT498
D-COCA	Beech 1900D	Private Wings	PWF209B/101	C-FIVR	B777-333ER	Air Canada	f/v ACA824/5
EC-MQH	A320-214	Gowair	TFL966/34J	D-AGBB	Falcon 8X	Volkswagen	10 WGT2B
EC-NBN	A330-243	Wamos	f/v TFL095/317	F-HGET	PC-12/47E	Getonejet	10
G-DSMR	G650ER	TAG Aviation (UK)	f/v	F-HJFP	PC-12/47E	Getonejet	f/v 10
G-HCSA	Ce525A	Bookajet	07	F-HXLF	A330-303	XL Airways France	11 XLF010/011P
M-BELL	PC-12/47E	B L Bell	f/v	LX-NMX	Ce525B	Jetfly Aviation	10 JFA73F/20H
M-SPEC	Beech 350	Specsavers Aviation	SSZ9A/B	LY-SPC	A320-231	GetJet Airlines	LOT267/8
N910RW	TBM-910	Redwood	07	M-ILLA	Beech 400XP	Sunshine Aviation	
N942JT	G550	Jet Aviation Flight Services	f/v 07	N36GV	G-V	Gama Aviation	
OM-FEX	B737-8Q8	Air Explore (a/w)	ELY5425/6	N225EE	G-V	Kaiser Air	
OO-CEJ	Ce525	Air Service Liège		N283CK	Global 5000	Rainbow Aviation	f/v 10
OO-MMT	Ce560XLS	Air Service Liège		N709CK	B747-4B5BCF	Kalitta Air	f/v CKS205/6
OO-PAR	Ce525B	Luxaviation Belgium	arr AAB187	N760AN	B777-223ER	American Airlines	f/v AAL220/1
PT-BYZ	CL-350	Athenas Participacoes	f/v	OE-FCB	Ce510	GlobeAir	10 GAC392E/806N
SP-OSA	Ce680	Jet Story	JD191Z	OK-AST	Ce560XL	Air Bohemia	BOH712/3
TC-RSB	Lj45	Redstar Aviation	f/v	OO-AMR	Ce525A	Air Service Liège	2x
07.C-FRAM	B777-333ER	Air Canada	f/v ACA824/5	PH-SHK	AW139	CHC Netherlands	
D-AGBB	Falcon 8X	Volkswagen	08 WGT2B	TC-JJV	B777-3F2ER	Turkish Airlines	THY1953/4
D-CDIM	Lj35A	Jet Eexecutive	JEI555	YR-TYA	Ce560XLS+	Toyo Aviation	TOY116/7
D-CEHM	Ce560XLS+	Silver Cloud Air	SCR021	10.V-11	G-IV	334sq	NAF11
G-CLBA	B747-428ERF	CargoLogicAir	14 CLU905/2	D-CAGA	EMB505	Luxaviation Germany	11 LXG55GA
G-HCSA	Ce525A	Bookajet	10	D-CEHM	Ce560XLS+	Silver Cloud Air	SCR021
HB-JUF	G650	Swiss Jet	f/v SJT951/2	D-IAAD	EMB500	Arcus Air	AZE19HE/11HE
I-NDOF	B767-306ER	Arkia	f/v AIZ513/4	EC-MNS	B787-8	Air Europa	AEA1093/4
LX-SEB	Ce525B	Jetfly Aviation	JFA10A/39F	F-HGET	PC-12/47E	Getonejet	
LY-MGC	B737-4Y0	Grand Cru Al (a/w)	LOT267/8	F-HJFP	PC-12/47E	Getonejet	11
LY-NVZ	A320-214	SunExpress	f/v SXS540/1	G-TGPG	B737-3Y0	T2 Aviation	BRO37A
N36GV	G-V	Gama Aviation		LX-JFY	PC-12/47E	Jetfly Aviation	11 JFA39G/61F



This Gulfstream G450 is registered to a company called Nizjet 450 which in turn links to Gerald Alvin Niznick. Mr. Niznick is linked to Implant Direct Manufacturing, the company that operates N1Z since 2014. (Amsterdam-Schiphol, 21 June 2019, Robert Eikelenboom)



UR-GEA is one of four Boeing 767 aircraft in the Ukraine International Airlines fleet. Although mostly operating long haul flights it was caught on camera by Robert Eikelenboom while operating a flight to Amsterdam-Schiphol on 25 June 2019.

LX-LAB	PC-12/45	Jetfly Aviation	JFA16E/17B	13. D-AFBS	ERJ135BJ	Air Hamburg	f/v 14 AHO625U
LX-MIA	ERJ135BJ	Global Jet Luxemb.	f/v SVW47MA	D-BEEP	Ce750	Air X Executive	14 AXG1431/2
LY-SPC	A320-231	GetJet Airlines	LOT265/6/7/8	D-CAPB	Ce560	Aerowest	
N546QS	G550	NetJets	12	D-CSOS	Lj45	Jetcall	JCL1
OK-UGJ	Ce680	Travel Service	TVS46J	G-HCSA	Ce525A	Bookajet	14
OO-MMT	Ce560XLS	Air Service Liège		LX-MBE	Falcon 2000	Global Jet Luxembourg	SVW69BE
OO-TUP	B737-85P	TUI Belgium	JAF9116/9112F	LY-SPC	A320-231	GetJet Airlines	LOT265/6/7/8
OY-CLY	ATR72-212A	Alsie Express	MMD6184	M-DMBP	Lj40	Ven Air	14
SX-MAH	B737-405	Air Mediterranean	IBK3540/1	M-OBIL	Ce525C	Ulla Popken Fashion	14
TC-JJT	B777-3F2ER	Turkish Airlines	THY1953/4	N767WB	Falcon 900B	SC Aviation	COL767
TC-OEE	A321-253N	Onur Air	f/v OHY851/2	N777J	CL-604	Executive Jet Management	
11. 9H-VCO	CL-350	VistaJet Malta	VJT449	N805TM	G650ER	Toyota Motor Sales USA	22
C-FIUW	B777-333ER	Air Canada	f/v ACA824/5	N930SA	TBM-930	Spectrum Medical Aviation	f/v
D-CANG	Ce560XLS+	Air Hamburg	AHO367T	OE-FOE	Ce510	GlobeAir	14 GAC505B/133Q
D-CAWK	Ce680	Aerowest	12	OK-VPI	G550	ABS Jets	14 ABP921
D-IGER	Beech B200GT	Fair-Air		OM-FEX	B737-8Q8	Air Explore (a/w)	ELY5425/6
G-HCSA	Ce525A	Bookajet	12	OM-FWW	Raytheon 390	Tatra Jet	16 ELJ601
G-LCAA	ERJ190SR	British Airways	f/v BAW8451/2	OO-CLA	Ce525C	Luxaviation Belgium	AAB337
G-XPTV	ERJ135BJ	Arena Aviation	REN85C	TC-SHE	BAe125-850XP	Erben	14
HB-JUF	G650	Swiss Jet	13 SJT922/941	YU-APK	A319-132	Air Serbia	f/v ASL360/1
LX-JFY	PC-12/47E	Jetfly Aviation	12 JFA63E/87B	14. 9H-ELI	Ce750	Luxwing	15 LWG901
LX-MIA	ERJ135BJ	Global Jet Lux.	SVW47MA	9H-GPS	Ce560XL	Luxwing	LWG291/202
LY-NVS	A320-214	SunExpress	f/v SXS540/1	C-FEDG	CL-300	Skyservice Aviation	17
LY-SPC	A320-231	GetJet Airlines	LOT265/6/7/8	C-FITU	B777-333ER	Air Canada	f/v ACA824/5
N844CB	G450	Chubb Services	f/v 12	D-AGBA	Falcon 8X	Volkswagen	16 WGT1A
OE-GAP	EMB505	Avcon Jet	12 AOJ53P	D-IEMO	Raytheon 390	Pro Jet	15
OY-RSE	PC-12/47E	Air Alsie		EC-MNS	B787-8	Air Europa	AEA1093/4
SE-RFH	Ce680	EFS	EUW372/9171	G-HCSA	Ce525A	Bookajet	23 BOO610
SX-MAH	B737-405	Air Mediterranean	IBK3540/1	G-UZHZ	A320-251N	EasyJet	f/v EZY6167/8
TC-NCF	A320-251N	Pegasus Airlines	f/v 12 PGT1255/6	LY-SPC	A320-231	GetJet Airlines	LOT265/6/7/8
12. 9K-GBA	A340-541	Kuwait Government	f/v 14 KUG004	M-INER	Global 6000	ICC Aviation	15
9H-VCF	CL-350	VistaJet Malta	VJT498	N29DE	Cirrus SF50	Deny Airlines	29
9H-VJP	Global 6000	VistaJet Malta	14 VJT895	N275DJ	G-IV	Ragtime Investments	
9H-YUM	Falcon 900DX	TAG Aviation Malta	f/v 15 TEU4	N302SB	G-IVSP	Schell Brothers	f/v 16
A6-EVE	A380-842	Emirates	f/v UAE149/50	N717FM	Falcon 2000	Fox Management International	
B-307Y	A350-941	China Eastern	f/v CES771/2	N977JG	B737-73Q	Weststar Aviation	f/v 18
F-HBDX	EMB505	Jetkey	13 KBD216	OE-HSN	G200	M Jet	16 MJF702
F-HBFP	BAe125-800XP	Unijet	LEA332P	OK-VAN	EMB500	Aerotaxi	16 ITE547
F-HJFP	PC-12/47E	Getonejet		OO-MMT	Ce560XLS	Air Service Liège	16
G-CKWN	B787-9	Norwegian	f/v NAX7700/1	OY-JJB	Do328-310	JoinJet	18 SUS9151/551A
G-XSTV	Ce560XLS	Arena Aviation	f/v REN62S	P4-LIG	B737-7JF	RusJet	f/v
HB-JFI	Falcon 2000LX	JABJ	PJS800	T7-MSP	EMB505	Tulip Wings	f/v 15
I-TAKA	Ce560XLS	Sardinian Sky Service	13 SSR420	TC-JJS	B777-3F2ER	Turkish Airlines	THY1953/4
LX-GJM	Ce525C	Global Jet Luxembourg	SVW24JM	15. D-CAWB	Ce680	Aerowest	16
LX-NMX	Ce525B	Jetfly Aviation	JFA20M/89B	LX-JFC	PC-12/47E	Jetfly Aviation	16 JFA12A/61A
LX-RSQ	Lj45	Luxembourg Air Amb.	LRQ9295	LY-SPC	A320-231	GetJet Airlines	LOT265/6
LX-VMF	Ce560XL	Luxaviation	18 LXA15P	N1RP	G550	Penske Jet	16 2x
LY-SPC	A320-231	GetJet Airlines	LOT265/6/7/8	OE-FCB	Ce510	GlobeAir	GAC510J/063R
M-LWSA	Global Express	Lynx Aviation		OE-GKE	Ce560XLS	ABC Bedarfsflug	f/v
N209RW	CRJ200LR	Contour Air	f/v 13 VTE209	OE-LVR	A320-214	Level	f/v TFL092/201
N66866	Global 6000	HK Bellawings Jet	f/v BWJ686	OO-XLS	Ce560XLS+	Air Service Liège	
OE-FOE	Ce510	GlobeAir	f/v 13 GAC616Z/505A	SE-KOL	Beech 300LW	H-Bird Aviation Services	ETI21A/22A
OK-EMA	Ce680	Travel Service	13 TVS68J/57J	TC-LJC	B777-3F2ER	Turkish Airlines	f/v THY1953/4
OK-RAH	Beech 400A	Time Air	13 TIE435H/427H	16. 9H-ILY	CL-850	VistaJet Malta	17 VJT630
PH-EBR	Falcon 900	Exxaero	XRO354	D-IBJJ	Ce525A	Air Hamburg	AHO121K
TC-LJJ	B777-3F2ER	Turkish Airlines	f/v THY1953/4	EC-KRN	G200	EJME (Portugal)	JME210N

EW-527PA	B737-82R	Belavia	f/v BRU867/8	N16065	B767-332ER	Delta Air Lines	div 21 DAL99/9905
G-POWD	B767-36NER	Titan Airways	CND715P/715/6/716P	OE-FZE	Ce510	GlobeAir	GAC735C/513F
LY-SPC	A320-231	GetJet Airlines	LOT265/6/7/8	OO-KOR	Ce525A	Abelag Aviation	20 AAB381
N515TJ	Beech 400A	Blackburn Int'l	dep	OO-MMT	Ce560XLS	Air Service Liège	21
OE-HCA	CL-300	Avag Air	17	OO-XLS	Ce560XLS+	Air Service Liège	21
OE-IFB	B747-4B5ERF	ASL Airlines Belgium	17 TAY914E	PH-SHO	EC155B1	Helii Holland Holding	
OO-VMF	Ce560XLS+	Air Service Liège		T7-EZE	CL-605	ACASS Canada	f/v 20
TC-JJH	B777-3F2ER	Turkish Airlines	THY1953/4	TC-JJP	B777-3F2ER	Turkish Airlines	THY1953/4
17.9H-VJZ	Global 6000	VistaJet Malta	VJT981	XA-FGL	G280	Serv. Aereos Regiomontanos	f/v 21
C-FITW	B777-333ER	Air Canada	f/v ACA824/5	20.9H-VJQ	Global 6000	VistaJet Malta	VJT801
CS-DLJ	Falcon 2000EX	Netjets Europe	f/v 20 NJE119B/2JW	C-GGLO	Global 5000	Skyservice Aviation	21
D-CONE	Lj35A	Air Alliance Express	18 AYY105	D-CCVD	Ce560XLS	Atlas Air Service	ATL1D
D-IEMO	Raytheon 390	Pro Jet	18	D-ICBA	Ce525A	ProAir	21 2x
G-PERG	EMB505	Air Charter Scotland	f/v EDC585	D-IEMO	Raytheon 390	Projet	
HB-VRW	EMB505	air-connect	18	EC-MPE	B787-8	Air Europa	AEA1091/8
LX-AMG	Global XRS	Luxaviation	f/v LXA19T	EC-MPN	Ce525	Air Taxi & Charter	IBJ820A/B
LX-LAB	PC-12/45	Jetfly Aviation	18 JFA85M/63Y	EC-MSS	Ce560XLS+	Gestair	f/v GES321S
LX-SAB	Falcon 900DX	Global Jet Luxembourg	SVW56AB	LX-LAB	PC-12/45	Jetfly Aviation	21 JFA98Z/06A
LY-SPC	A320-231	GetJet Airlines	LOT265/6/7/8	M-SPEK	Beech 350	Specsavers Aviation	SSZ9A/B
M-EDZE	Global Express	Gama Aviation	f/v GMA336	N1Z	G450	Implant Direct Manufacturing	f/v 23
M-JJTL	PC-12/47E	JJTL Partners	XCH421H/350G	N112MY	Global 6000	MP Air	21
M-JJTL	PC-12/47E	JJTL Partners	18 XCH350G/421H	N129NS	G-IVSP	Global Air Charters	25 GJE1209
N711RH	G550	Restoration Hardware	TWY550	N250AF	G450	Twizel Business	24
OE-FCO	Ce510	GlobeAir	f/v 18 GAC513E/435V	N315P	Ce310Q		
OE-HRS	CL-350	Avcon Jet	18 AOJ78R	N468QS	G450	NetJets	21
TC-LJI	B777-3F2ER	Turkish Airlines	THY1953/4	N492CA	Ce680+	Gary Jet Center	
XA-FEM	G550	Servicios Aereos		N902MY	Global 5000	MP Air	21
18.V-11	G-IV	334sq	NAF11	OM-KEX	B737-8BK	Sun d'Or	ELY5425/6
8P-ASD	G650ER	ALN Bermuda	19	OO-OCA	Beech 350	Air Service Liège	
9H-ILV	CL-850	VistaJet Malta	19 VJT624	PH-BBJ	Ce560XLS+	Air Service Liège	f/v
C-FIVM	B777-333ER	Air Canada	f/v ACA824/5	PH-HHJ	AS355F-2	Helii Holland Holding	
D-CHLR	EMB505	Atlas Air Service	ATL9K	PH-RIS	EC130B4	Ryfas Helicopters	
EC-MIG	B787-8	Air Europa	AEA1091/8	SE-DJG	ERJ135BJ	EFS	EUW9132
HB-JUF	G650	Swiss Jet	SJT921/2	SP-KCK	Ce525A	Jet Story	21 JDI40D
LY-EEL	B737-46M	GetJet (a/w)	f/v LOT265/6/7/8	VQ-BZE	Falcon 50	Flying Lion	f/v 21
M-NTOS	Ce525C	Selementos		21.4X-AGN	A321-251NX	Arkia	f/v AIZ513/4
N1JK	Falcon 2000EX	J.P. Kotts and Company	19	C-GHSW	Global 6000	Skyservice Aviation	f/v 23
N235DX	G650	Dicks Sporting Goods	f/v 25	D-AGBA	Falcon 8X	Volkswagen	24 WGT1A
OK-AST	Ce560XL	Air Bohemia	BOH712/3	D-AWIN	ERJ135BJ	Air Hamburg	22 AHO671M
OK-VAN	EMB500	Aerotaxi	19 ITE517/549	D-CDOC	Lj45	Jetcall	JCL2
OO-MMT	Ce560XLS	Air Service Liège	19	D-ICBA	Ce525A	ProAir	22
P4-SMS	ERJ135BJ	Orion-X	19	EC-MIG	B787-8	Air Europa	AEA1091/8
SE-RIL	Ce560XLS	Svenskt Industriflyg	19 JET7	HB-VPO	EMB505	Enjoy Air	f/v 23
19.9H-VJJ	Global 6000	VistaJet Malta	VJT822	LX-EAA	Lj45	Lux. Air Ambulance	22 LRQ9324
C-FIVS	B777-333ER	Air Canada	f/v ACA824/5	M-NTOS	Ce525C	Selementos	
D-CHDJ	Ce560XLS	Excellent Air	ECA6C	N283DM	Global XRS	Vista Equity Partners	f/v 24 TWY66
EC-MNS	B787-8	Air Europa	AEA1091/8	N758CC	CL-604	CTB	
LX-JFD	PC-12/47E	Jetfly Aviation	f/v 20 JFA64H/11Y	OE-FBD	Ce510	GlobeAir	GAC435W/113M
LX-VMF	Ce560XL	Luxaviation	26 LXA15P	OO-KOR	Ce525A	Luxaviation Belgium	
M-NTOS	Ce525C	Selementos		OO-MMT	Ce560XLS	Air Service Liège	22
N1KE	G650	Nike	21	TC-JJZ	B777-3F2ER	Turkish Airlines	f/v THY1953/4
N16XY	Falcon 2000LX	TWC Aviation	24	VP-CCK	Global 6000	Gama Aviation	23
N446VG	G550		f/v 29	VP-CYL	G650ER	Jet Aviation Business Jets HK	f/v
N468QS	G450	NetJets	20	22.A6-EPI	B777-31HER	Emirates	f/v UAE145/6
N533GV	G550	Netflix	20	D-ICBA	Ce525A	ProAir	
N988NC	G650ER	21 st Century Fox America	20	EC-MIH	B787-8	Air Europa	AEA1093/4



Skyservice Business Aviation took delivery of this Global 5000 in 2009. This means that C-GGLO is almost ten years with the company. (Amsterdam - Schiphol, 21 June 2019, Robert Eikelenboom)



Norwegian UK is a subsidiary of Norwegian and was founded in November 2015. Dreamliner G-CKWC has been with the airline since March 2018, and has Scottish poet and lyricist Robert Burns depicted on its tail. (Amsterdam - Schiphol, 27 June 2019, Ton Jochems)

EC-MNS	B787-8	Air Europa	AEA1091/8	CS-TSV	B767-34PER	euroAtlantic Airways	ICE506/7
LX-LCL	B747-4HAERF	Cargolux	f/v CLX7615	D-CHIP	Ce525B	Eisele Flugdienst	EFD3P
N278L	G650	Nantworks	f/v 24	D-CJUG	Ce560XLS+	Atlas Air Service	ATL6G
OK-HWL	BAe125-900XP	CTR Group	f/v	D-ISAR	Raytheon 390	Euroflug Frenzel	27
OM-FWW	Raytheon 390	Tatra Jet	ELJ603/4	G-HCSA	Ce525A	Bookajet	28 BOO610/613
OO-TUK	B737-86J	TUI Belgium	JAF033/TFL933	M-NTOS	Ce525C	Selementos	
OO-TUK	B737-86J	TUI Belgium	23 TFL934/034	N516CC	G280	Churchill Industries	
TC-SOO	B737-8AS	SunExpress	f/v SXS540/1	N626LA	Ce680A	Textron Aviation	f/v
23.9H-ILY	CL-850	VistaJet Malta	VJT630	OE-HRS	CL-350	Avcon Jet	26 AOJ78R
9H-VFD	CL-605	VistaJet Malta	24 VJT570	OK-MYS	Ce510	OK Prague	
CS-TTW	ERJ195AR	TAP Express	f/v TAP672/1	OK-PMI	Beech 400A	Queen Air	26 AQS583B/578B
CS-TVE	A320-251N	TAP Air Portugal	f/v 24 TAP668/9	OO-MMT	Ce560XLS	Air Service Liège	28
D-AFBS	ERJ135BJ	Air Hamburg	24 AHO840Z	OY-NPG	SA227DC	North Flying	NFA102P/102
D-ICBA	Ce525A	ProAir	25	SP-WOI	Global Express	Jet Story	JDI11Z
D-IEMO	Raytheon 390	Pro Jet		UR-GEA	B767-322ER	Ukraine Int'l	f/v AUI101/2
EC-MSZ	B787-9	Air Europa	AEA1093/4	VT-DHA	Global Express	Reliance Transport & Travel	
G-GDFZ	B737-86Q	Jet 2 Holidays	f/v EXS365	26.9H-ILZ	CL-850	VistaJet Malta	27 VJT683
G-USAR	Ce441	Igor Annenskiy	29	9H-VJK	Global 6000	VistaJet Malta	VJT836
G-XJCJ	Ce550	Xclusive Jet Charter	arr XJC100M	CS-TSV	B767-34PER	euroAtlantic Airways	ICE506/7
HB-VPG	EMB505	ExecuJet Europe	25 VCN2	D-BUZZ	Ce750	Air X Exec. Jets	27 AXG2611/2710
LY-NVT	A320-214	SunExpress	f/v SXS540/1	D-ITAN	Ce525	Transavia Flug	
N515TJ	Beech 400A	Blackburn Int'l	arr	EC-MOM	B787-8	Air Europa	AEA1091/8
OE-FZD	Ce510	GlobeAir	GAC047M/853V	I-SWIA	B747-4R7F	Silk Way Italia	27 AZG203/4
OE-IFD	B747-4B5ERF	ASL Airlines	24 TAY915E	LX-LAR	Lj35A	Lux. Air Ambulance	LRQ9347 2x
OK-PMI	Beech 400A	Queen Air	25 AQS578A/583A	LX-VMF	Ce560XL	Luxaviation	arr LXA15P
OM-FEX	B737-8Q8	Air Explore (a/w)	ELY5425/6	M-BHBH	G650	Aerofinance	
OO-DOB	Falcon 900LX	Flying Service	f/v FYG81B/32B	M-DRIL	PC-12/47E	myflight	f/v
OO-XLS	Ce560XLS+	Air Service Liège	24	N351JL	CL-350	Link Snacks	27
OY-RUN	ATR72-212A	Danish Air Transp.	f/v DTR923/3041	N453FX	G450	Flexjet	27 LXJ453
OY-RUN	ATR72-212A	Danish Air Transp.	DTR3042/0924	N910RW	TBM-910	Redwood	27
PH-WRW	EC120B	Helii Holland Holding		OE-FZC	Ce510	GlobeAir	GAC709V/698W
SP-KCK	Ce525A	Jet Story	24 JDI40D	OO-CEJ	Ce525	Air Service Liège	27
SP-KCS	Ce560XLS	Jet Story	JDI30C	OO-IDE	Ce525	Air Service Liège	
TC-JJH	B777-3F2ER	Turkish Airlines	THY1953/4	PH-EBR	Falcon 900	Exxaero	XRO394/A
24.V-11	G-IV	334sq	NAF11	TC-LJA	B777-3F2ER	Turkish Airlines	f/v THY1953/4
CS-TSV	B767-34PER	euroAtlantic Airways	f/v ICE506/7	27.3A-MSR	Ce525	Aviarent	f/v 28
D-BERT	Falcon 2000LX	Bertelsmann	BFD24T/65H 2x	CS-TSV	B767-34PER	euroAtlantic Airways	ICE506/7
D-CGBR	Lj55	Jet Executive	JEI111	D-AGBE	Falcon 7X	Volkswagen	28 WGT5E
D-CSCE	EMB505	Luxaviation Germany	25 LXG55CE	D-CAWK	Ce680	Aerowest	28
G-FXMR	Beech 400A	Flairjet	FLJ55/6	D-CNOC	Ce560XLS	Atlas Air Service	28 ECA9C
N40NW	Falcon 2000LX	SF1 Holdings	26	D-IPVD	Ce525A	Prominent Gruppe	
N317ML	Falcon 900EX	General Industries	f/v 27	D-ISAR	Raytheon 390	Euroflug Frenzel	28
N351JL	CL-350	Link Snacks	f/v	EC-MNS	B787-8	Air Europa	AEA1091/8
N656TT	G650ER	BAHC	f/v 25	EC-MUF	A320-214	Iberia Express	f/v IBS3724/5
OE-FAF	Ce525A	Smartline	25	HL7204	B777-3B5ER	Korean Air	f/v KAL925/6
OE-HRS	CL-350	Avcon Jet	25 AOJ78R	M-INER	Global 6000	ICC Aviation	
OK-HWL	BAe125-900XP	CTR Group		N75KH	CL-604	75 Express	29
OK-VAN	EMB500	Aerotaxi	27 ITE921/549	N100QS	Global 5000	NetJets	28
OO-DFG	Falcon 2000LX	Luxaviation Belgium		N620SY	Global 6000	Bellco Capital	f/v 28
OO-OMG	EC120B	VC Wings		N985FM	CL-300	Idaho Investments	29
OO-XLS	Ce560XLS+	Air Service Liège	27	OM-FEX	B737-8Q8	Air Explore (a/w)	ELY5425/6
PR-ZTX	EMB550	Embraer	f/v 2x	OO-CEJ	Ce525	Air Service Liège	
SP-OSA	Ce680	Jet Story	27 JDI91Z	OY-GWK	Falcon 2000S	Air Alsie	28 MMD6910
TC-LJC	B777-3F2ER	Turkish Airlines	THY1953/4	OY-NPG	SA227DC	North Flying	NFA104/P
VP-BIF	A320-214	Aeroflot	f/v 25 AFL2192/3	OY-TWO	PC-24	Blackbird Air Charter	f/v BBB9
25.4X-CPX	G-IVSP	Arkia	26	28.9H-PGS	A340-642X	Maleth-Aero (a/w)	f/v SLM3004/993
9H-VFD	CL-605	VistaJet Malta	26 VJT570	CS-TSV	B767-34PER	euroAtlantic Airways	ICE506/7

D-BLUE	Falcon 2000LX	ACM Air Charter	BVR222	OE-FZA	Ce510	GlobeAir	GAC404J/995E
D-CDOC	Lj45	Jetcall	JCL2	OE-GWV	Ce560XLS	Jet 24	arr
D-CMMP	EMB505	Luxaviation Germany	29 LXG55MP	OM-FEX	B737-8Q8	Air Explore (a/w)	ELY5425/6
D-IGWT	Ce525A	Sylt Air	29 AWU728G/729G	OO-ACO	Ce510	Air Service Liège	arr
EC-MLT	B787-8	Air Europa	AEA1093/4	OO-MMT	Ce560XLS	Air Service Liège	arr
EC-MLV	Ce680	Gestair	GES541V	OO-XLS	Ce560XLS+	Air Service Liège	arr
EC-NCU	A320-271N	Vueling	f/v VLG2901/2	OY-CLY	ATR72-212A	Alsie Express	MMD6109
F-HFCN	ERJ145MP	Valljet	29 VLJ01AN/50DN	OY-JSW	Ce525A	FlexFlight	FXT430
G-ZVIP	Beech 200	Capital Air Ambulance	EGL20	PH-BKA	B787-10	KLM	f/v del KLM100
HB-FVM	PC-12/47E	Leonardo Flyers	f/v	TC-OCE	A330-223	Onur Air (a/w)	f/v OHY851/2
M-INER	Global 6000	ICC Aviation		VP-CJK	Global 6000	TAG Aviation Asia	TBJ77
M-NTOS	Ce525C	Selementos					
N19NE	Falcon 7X	Planet Nine Private Air	f/v				
N240V	BAe125-800XP	Arkia					
N260AM	Ce525	Citation Aviation	29				
N805TM	G650ER	Toyota Motor Sales USA	arr				
OE-GGG	Ce560XLS+	Jetfly Airline					
OK-RLV	G280	Avcon Jet					
OO-ACO	Ce510	Air Service Liège	29				
OY-CLY	ATR72-212A	Alsie Express	29 MMD6109				
OY-NPG	SA227DC	North Flying	NFA105/P				
TC-LJC	B777-3F2ER	Turkish Airlines	THY1953/4				
29. D-CARO	Ce680	Aerowest					
D-CNOC	Ce560XLS	Atlas Air Service	ECA91D				
D-ISJP	Ce525A	Excellent Air	30 ECA1C				
D-ITAN	Ce525	Transavia Flug					
EC-MXJ	A320-214	Gowair (a/w)	RAM686/669/8/685				
F-HATV	Ce680A	Astonjet	ASJ022				
N29DE	Cirrus SF50	Deny Airlines	arr				
N123FT	G-V	Franklin Templeton Travel	arr				
OO-FPE	Ce525B	Flying Service	FYG31R/12R				
OO-MMT	Ce560XLS	Air Service Liège					
SE-RFH	Ce680	EFS	30 EUW9168/5162				
TC-JJJ	B777-3F2ER	Turkish Airlines	THY1953/4				
VP-BIP	A320-214	Aeroflot	f/v AFL2694/5				
30. 9H-ALL	Ce525A	Luxwing	arr LWG193				
B-308E	A350-941	China Eastern	f/v CES771/2				
C-FITL	B777-333ER	Air Canada	f/v ACA824/5				
D-AERO	ERJ135BJ	Air Hamburg	AHO557G/511G	01. V-11	G-IV	334sq	June 2019
D-AJET	ERJ135BJ	Air Hamburg	AHO711G/623K	CS-LTG	Ce680A	NetJets Europe	02 NJE145G/698P
D-ICBA	Ce525A	ProAir		D-CEIS	Ce680	E-Aviation	EFD6S
D-IGRO	Ce525A	ProAir	f/v 01	D-CQAA	Lj45	Quick Air	QAJ1408
D-IGWT	Ce525A	Sylt Air	AWU730G	N120HH	Bell 407		
D-IGWT	Ce525A	Sylt Air	01 AWU730G/701G	N773MJ	G650	Priester Aviation	
D-IPVD	Ce525A	Prominent Gruppe		OY-CKR	PA-31-350	GeoFly	
D-ISAR	Raytheon 390	Euroflug Frenzel	01	OY-TNS	P68C	Bio Flight	BIO09
EC-MQH	A320-214	Gowair	RAM686/7	PH-FIS	Ce525	JetNetherlands	dep
EC-MXJ	A320-214	Gowair (a/w)	RAM684/5	PH-FIS	Ce525	JetNetherlands	22
F-HFCN	ERJ145MP	Valljet	arr VLJ50DN	PH-RIS	EC130B4	KNSF Flight Services	dep
LX-LAR	Lj35A	Lux. Air Ambulance	LRQ9359	02. 9H-VJY	Global 6000	VistaJet Malta	VJT930
LY-EWE	B737-33R	GetJet (a/w)	LOT265/6/7/8	D-CHLR	EMB505	Atlas Air Service	ATL9K
N77UF	Global XRS	Fertitta Entertainment	arr	D-GAST	PA-34-220T		dep
N733MA	B737-81Q	TUI Netherl. (BSK c/s)	arr BSK501	D-IRWR	Ce525	ProAir	05
N818TH	Falcon 900LX	BAE Systems	f/v arr	N1956M	G-V	Hill Air Corporation	
OE-FGI	Ce525	Pink Sparrow	SOW2	N628BD	G-V	J.C. Flowers & Co.	04
OE-FGK	Ce525	Salzburg Jet Aviation	MOZ331	N650VC	G650ER	Lockheed Martin Corp. Aircraft	03

Gowair changed aircraft on the 2nd. On that same day a Nordwind Boeing 777 arrived for maintenance. Privilege Style operated a flight for Corendon on the 3rd. The Getjet Boeing on the 5th is in basic Ukraine International colours. By mid June Getjet titles were added to the aircraft. On the 5th Laudamotion diverted from Dusseldorf due to thunderstorms. On the 8th the GOL Boeing 737 departed back home after its lease to Transavia. The British Airways Airbus on the same day departed on the 12th following the damage it sustained from a lightning strike. An XL Airways France Airbus arrived for maintenance on the 9th. Titan Airways operated for Corendon on the 16th. On the 19th a Delta Boeing 767 diverted to Amsterdam while enroute from Charles de Gaulle to Detroit. The aircraft continued to Seattle two days later. On the 28th Maleth-Aero subbed for SLM with Airbus A340-600 equipment. The month ended with the arrival of the first KLM Boeing 787-10 adorned with special stickers commemorating KLM's 100 year anniversary. The Miami Air Boeing that will operate for TUI Netherlands arrived from Rotterdam on this day.

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

Rotterdam - The Hague

01. V-11	G-IV	334sq	June 2019
CS-LTG	Ce680A	NetJets Europe	02 NJE145G/698P
D-CEIS	Ce680	E-Aviation	EFD6S
D-CQAA	Lj45	Quick Air	QAJ1408
N120HH	Bell 407		
N773MJ	G650	Priester Aviation	
OY-CKR	PA-31-350	GeoFly	
OY-TNS	P68C	Bio Flight	BIO09
PH-FIS	Ce525	JetNetherlands	dep
PH-FIS	Ce525	JetNetherlands	22
PH-RIS	EC130B4	KNSF Flight Services	dep
02. 9H-VJY	Global 6000	VistaJet Malta	VJT930
D-CHLR	EMB505	Atlas Air Service	ATL9K
D-GAST	PA-34-220T		dep
D-IRWR	Ce525	ProAir	05
N1956M	G-V	Hill Air Corporation	
N628BD	G-V	J.C. Flowers & Co.	04
N650VC	G650ER	Lockheed Martin Corp. Aircraft	03



Gulfstream G550 N129KC has been the corporate chariot for the Sprint Corporation since 2016. The company is currently working on a planned merger with T-Mobile. (Rotterdam - The Hague, 3 June 2019, André Wadman)



euroAtlantic Airways has been operating Boeing 737 CS-TQU for TUI Netherlands since 1 May 2019. Until 8 June the aircraft was in euroAtlantic Airways colours. It was ferried to Brussels on the 8th and returned the next day in hybrid TUI colours. (Rotterdam - The Hague, 18 June 2019, Maarten Visser Sr)

OE-GPS	Ce550 Bravo	Tyrol Air Ambulance	TYW524P/5P	D-IAIB	Ce525	AIB Assets	08
OE-LQU	A319-111	easyJet Europe	div EJU1046	D-IKOE	Ce510	Reederei Köpping	
PH-CTH	Falcon 2000LX	Exxaero	03 XRO264	D-IRWR	Ce525	ProAir	13
PH-HRK	P180	JetNetherlands	04	PH-BBJ	Ce560XLS+	ASL	19
PH-KFA	DA42	KLM Flight Academy	dep	T7-APP	Ce525A	Artjet	08
PH-VBG	Falcon 2000EX	JetNetherlands	15	TC-NCE	A320-251N	Pegasus Airlines	f/v PGT1641/2
03.98-0001	C-32A	1st AS	SAM837	VT-HMA	Global XRS	Reliance Commercial Dealers	08
9H-BSA	BAe125-750	Hyperion Aviation	05 HYP011	08.CS-DLF	Falcon 2000EX	NetJets Europe	09 NJE112D/796F
B-KMF	Global 5000	TAG Aviation Asia	11 TBJ20	CS-TQU	B737-8K2	euroAtlantic Airways	dep TFL61F
C-FTDW	B737-808	TUI Netherlands (spec. c/s)	TFL196/5	D-GEWF	DA42	We-Fly	
CS-GLB	Global 6000	NetJets Europe	NJE3BP/581C	G-SMLA	BAe146-200	JOTA Aviation	ENZ453/453F
CS-LTG	Ce680A	NetJets Europe	04 NJE9BA/308W	N129NS	G-IVSP	Global Air Charters	14 GJE1209
EC-LEP	Ce560	Gestair	GES131P	OO-CEJ	Ce525	Air Service Liège	
M-DMBP	Lj45XR	Ven Air		PH-EZK	ERJ190STD	KLM Cityhopper	div KLM1050
N129KC	G550	Sprint Corporation	04	09.9H-BOM	CL-605	Orion (Malta)	11 OXM103
N228BA	G280	Bank Of America	04	CS-DLE	Falcon 2000EX	NetJets Europe	NJE701H/8UG
N576MA	TBM-850	HTG Trading	2x	CS-TQU	B737-8K2	TUI Netherlands	arr TFL62F
N628TS	G650ER	Falcon Landing – Elon Musk	04	D-BEAM	CL-300	Jet Pool Network	
OO-HCY	R44	Heli & Co	04	G-HBJT	EC155B1	Starspeed	2x
PH-FJK	Ce525B	JetNetherlands		N732PA	CL-605	Mirage Aviation	
PH-MFA	DA42NG	Martinair Lelystad	*KLM7901	OO-CEJ	Ce525	Air Service Liège	
SX-SOF	A320-232	Corendon Airlines	CAI049/50	PH-MAA	EC135T2+	ANWB - MAA	Lifeline01
YU-SVL	Ce560XLS	Prince Aviation	PNC1VL	VT-CFA	G550	Poonawalla Aviation	10
04.V-11	G-IV	334sq	NAF11	10.C-FBDB	B737-8Q8	TUI Netherlands (spec. c/s)	TFL196/5
CS-DLK	Falcon 2000EX	NetJets Europe	05 NJE9VR/244Q	G-ZNTH	Lj75	Zenith Aviation	BZE07A/B
D-CFMI	EMB505	GEMÜ-Gebrüder Müller	05	N500LU	PA-46-500TP	Medtronic Belgium	11
G-CHMR	ERJ145MP	Eastern Airways	EZE968P/9618	N812AM	BAe125-800A	Airmed	
N470B	Global Express	Southern Air Systems, Inc.	05	OH-RBX	Ce560XL	River Aviation	
N65FG	G650ER	Starr Equipment Corp.		OY-JBS	PA-46-500TP	RocketSky	14
OO-HCY	R44	Heli & Co		11.9H-BBJ	B737-7BC	Privajet	PVJ285
OY-RAB	Falcon 7X	Air Alsie	MMD6138/061	9H-ILV	CL-850	VistaJet Malta	VJT624
05.165829	C-40A	VR-58	CNV6605	9H-ILZ	CL-850	VistaJet Malta	12 VJT683
CS-DLH	Falcon 2000EX	NetJets Europe	NJE3ND	9H-JDV	Ce525 (M2)	NextGen Aviation (Malta)	12
CS-DXT	Ce560XLS	NetJets Europe	NJE6UA	G-KLNV	Ce510	Saxonair	SXN51D
LX-JAG	ERJ135BJ	Global Jet Luxemb.	06 SVW49AG	G-MEDZ	Beech B200	Zeusch aviation	05
N709SP	Ce680A	Scannell Citation		N605VV	CL-605	Platinum Exec. Cons. & Manag.	13
N732PA	CL-605	Mirage Aviation	06	OE-HNB	CL-300	International Jet Management	IJM071
N733MA	B737-81Q	Transavia (BSK c/s)	06 BSK588/TRA5021	OO-ACO	Ce510	Air Service Liège	14
OO-MMM	BN-2B-21	MUMM	BCG01	OO-JWB	PC-12/47E	NextGen Aviation	2x
OY-NPF	SA227DC	North Flying	NFA103P/103	12.CS-DXL	Ce560XLS	NetJets Europe	NJE4WT
OY-NPF	SA227DC	North Flying	06 NFA103/104P	D-CIAO	Ce550	Fair Air	
06.165774	MH-60S	HSC-22	Crow12	N732PA	CL-605	Mirage Aviation	
166338	MH-60S	HSC-22	Crow11	OY-JJN	Ce501	Sun Air of Scandinavia	SUS003A/B
D-CSUN	Ce560XLS+	Air Hamburg	AHO499F	PH-HRK	P180	JetNetherlands	
D-IBWA	Ce525	Schuite & Schuite Druckfarben	dep	PH-TXA	Ce510	JetNetherlands	
D-IDSM	Beech 250	Diringer and Schneidel Rohrsanierung		SP-AST	Ce525	AMC Aviation	AMQ9T
D-IRWR	Ce525	ProAir	07	13.9H-ILV	CL-850	VistaJet Malta	VJT624
N500RW	TBM-850	Flying Group		9H-VCB	CL-350	VistaJet Malta	VJT453
PH-BBJ	Ce560XLS+	ASL		CS-CHB	CL-350	NetJets Europe	14 NJE595W
PH-HRK	P180	JetNetherlands	11	CS-DQA	Ce560XLS	NetJets Europe	NJE491K/435D
PH-HZE	B737-8K2	Transavia Airlines	div TRA6146/073	CS-DXP	Ce560XLS	NetJets Europe	NJE715W/115B
07.104/XJ	TBM-700A	ET00.043	CTM1309	D-BANN	CL-300	SAP Systeme	
V-11	G-IV	334sq	NAF11	D-CAPB	Ce560 Encore+	Aerowest	
CS-CHF	CL-350	NetJets Europe	NJE473Y/4PZ	D-IRWR	Ce525	ProAir	14
CS-DLH	Falcon 2000EX	NetJets Europe	NJE358W/3ND	F-HVYC	Ce560XLS+	Lyreco	

HB-JUF	G650	Swiss Jet	18 SJT92/921	N39NP	Falcon 900EX	Blue Ridge Air	
N209RW	CRJ200ER	Corporate Flt Management	VTE209	PH-BBJ	Ce560XLS+	ASL	20
N768JJ	G550	Journey Aviation	16	SE-RIL	Ce560XLS	Svenskt Industriflyg	JET7
OE-EAU	PC-12/47E			20.CS-LTE	Ce680A	NetJets Europe	21 NJE9KW
OE-FCO	Ce510	GlobeAir	GAC633S/522T	F-HGLG	Lj75	Ixair	
PH-HRK	P180	JetNetherlands	14	LX-FDA	Falcon 7X	Global Jet Luxembourg	SVW25DA
14.D-BADO	CL-300	SAP Systeme		LX-GLD	Falcon 900EX	Global Jet Luxemb.	SVW42LD/43LD
D-IRWR	Ce525	ProAir	arr	N350BR	PA-46-350P	Euroaviation	
EC-JIP	SA226TC	Flightline	15 FTL551/001A	N36JE	G-IV	Lion Aviation	
F-HIPE	EMB505	Pan Européenne Air Service	PEA301	PH-BBJ	Ce560XLS+	ASL	
N26TG	PA-46-350P	Boggi Switzerland		PH-HRK	P180	JetNetherlands	21
N275DJ	G-IV	Ragtime Investments		PH-TXA	Ce510	JetNetherlands	21
N275M	G450	Cherry Road Leasing	18	PH-ULP	EC135T2	ANWB - MAA	Lifeline03
PH-HRK	P180	JetNetherlands	15	PR-ETY	Falcon 2000LX	Coteminas	
PH-MFA	DA42NG	Martinair Lelystad	2x *KLM7910	21.9H-BBJ	B737-7BC	Privajet	PVJ292
PH-PKF	Falcon 2000LXS	JetNetherlands	arr	D-CFTG	Lj35A	Quick Air	QAJ1640
PH-TXA	Ce510	JetNetherlands	17	D-CMDH	Ce680	E-Aviation	EFD6H
PH-ULK	AS355N	HeliAir		D-IAIB	Ce525	AIB Assets	
SE-RFH	Ce680	European Flight Service	EUW9188	D-IKOE	Ce510	Reederei Köpping	
15.EC-JIP	SA226TC	Flightline	18 FTL2A/521	F-HGLG	Lj75	Ixair	3x
OE-FFB	Ce510	GlobeAir	16 GAC418D/E	LN-KYV	Beech 350ER	Norw. Coastal Admin.	22 MDT1
OE-FXJ	Eclipse 500	Androtek Limited		LX-GJM	Ce525C	Global Jet Luxembourg	SVW24JM
16.CS-DXM	Ce560XLS	NetJets Europe	NJE5EC/522A	N36JE	G-IV	Lion Aviation	30
CS-PHM	EMB505	NetJets Europe	NJE748B/8LD	PH-HRK	P180	JetNetherlands	28
D-INCS	Ce525	Jetkontor	JKH321	PH-TXA	Ce510	JetNetherlands	25
N147CJ	Falcon 2000LX	Domino's Pizza	21	SP-AST	Ce525	AMC Aviation	22 AMQ9T
OO-SXX	Ce680	Stephex Stables	24	22.D-IVVB	Ce525A	Atlas Air Service	ATL5B
17.C-FTDW	B737-808	TUI Netherlands (spec. c/s)	TFL196/5	PH-RIS	EC130B4	KNSF Flight Services	25
CS-CHD	CL-350	NetJets Europe	18 NJE8ZS/265Q	PH-ULP	EC135T2	ANWB - MAA	Lifeline03
D-CDOC	Lj45	Jetcall	JCL2	23.9H-BBJ	B737-7BC	Privajet	PVJ292
D-IAIB	Ce525	AIB Assets		CS-DLB	Falcon 2000EX	NetJets Europe	NJE5NP
F-HGLG	Lj75	Ixair	2x	D-CAWR	Ce560 Encore+	Aerowest	
F-HSFJ	Ce680A	Astonjet	ASJ657	LX-JAG	ERJ135BJ	Global Jet Luxemb.	24 SVW49AG
N2E	G650ER	Snap		N777QX	CL-605	Flexjet	25 LXJ777
N652PP	Ce680	Eenhoorn	20	PH-PBA	DC-3C	Dutch Dakota Association	
OE-FGC	Ce525 (M2)	Fly Tyrol	FTY6	PH-VBG	Falcon 2000EX	JetNetherlands	01
OY-APM	G450	Maersk Aviation		24.C-FMHL	Falcon 7X	Mark Anthony Group	26
PH-VBG	Falcon 2000EX	JetNetherlands	21	C-FTDW	B737-808	TUI Netherlands (spec. c/s)	TFL196/5
18.9H-VCF	CL-350	VistaJet Malta	VJT498	D-CGGG	Lj31A	Jetcall	JCL3
D-IGRO	Ce525A	ProAir		D-IKOE	Ce510	Reederei Köpping	
D-IJOA	Ce525A	Excellent Air	ECA8C	N448QS	G450	NetJets	25
EC-NAR	Ce525A	Air Taxi & Charter Int'l	IBJ718A/B	OM-GTH	B737-8BK	Corendon Airlines	CAI049/50
F-HGLG	Lj75	Ixair	3x	OO-HEY	R44	Heli & Co	25
N350BR	PA-46-350P	Euroaviation	19	OY-NPE	SA227DC	North Flying	NFA121P/121
N44CE	G-IV	Global Air Charters	dep GJE1021	PH-BBJ	Ce560XLS+	ASL	03
N504WV	Ce750	Voair	19	VT-DHA	Global Express	Reliance Commercial Dealers	25
N758CC	CL-604	CTB	21	25.CS-DLJ	Falcon 2000EX	NetJets Europe	26 NJE893E/668W
OE-GXL	Ce560XL	Speedwings	19 SPG506	D-CDAS	EMB505	DAS Private Jets	
OE-HIL	CL-350	Avcon Jet	19 AOJ75L	D-CKHG	Ce560XLS	Windrose Air	26 QGA104F/105F
PH-HRK	P180	JetNetherlands	20	D-CQAB	Lj45	Quick Air	QAJ2392
PH-WIK	AS350B3	HeliAir		N628TS	G650ER	Falcon Landing – Elon Musk	28
SE-RNR	CL-350	European Flight Service	EUW4101	OK-KIN	Ce525B	Aeropartner	26 DFC224J
19.D-CDOC	Lj45	Jetcall	JCL2	OO-HEY	R44	Heli & Co	
D-IOVP	PA-42-720	Heli-Flight		OO-IDE	Ce525	Air Service Liège	
EC-MLV	Ce680	Gestair	20 GES541V	PH-RIS	EC130B4	KNSF Flight Services	28
F-HGLG	Lj75	Ixair	20 2x	PH-SEJ	P68B	CNE Air	
HB-JFP	G650	Jet Aviation Business Jets		PH-TXA	Ce510	JetNetherlands	01



Lion Aviation has been operating this Gulfstream IV since late 2018. N36JE sports a very unusual colour scheme. (Rotterdam - The Hague, 23 June 2019, Kees Harteveld)



By the time you read this KlasJet has added two Boeing 737 aircraft to its fleet. LY-JMS is a former airBaltic aircraft and was photographed after it was repainted. (Maastricht - Aachen, 25 June 2019, Bjorn van der Velpen)

26. CS-LTA	Ce680A	NetJets Europe	NJE019E/426H
CS-PHH	EMB505	NetJets Europe	NJE7QZ/442W
D-CANG	C-560L	Air Hamburg	AHO322D/435R
N494EC	G450	Eastman Chemical	
N524AG	G-V	TVPX ARS	
OE-FCO	Ce510	GlobeAir	27 GAC356A/229N
OY-NPE	SA227DC	North Flying	NFA123/123P
PH-SEJ	P68B	CNE Air	
YU-MTU	Ce525	Infinity Aviation	
27. V-11	G-IV	334sq	28 NAF11
C-FMHL	Falcon 7X	Mark Anthony Group	28
C-GDPF	Global XRS	Execaire	
F-HLRZ	EMB500	SD Aviation	LWG1091/02
LX-SEB	Ce525B	Jetfly Aviation	JFA92A/93H
OH-SWJ	Ce525A	Scanwings	ABF2A/D
OO-SCT	Ce525C	Luxaviation Belgium	AAB491
PH-KFA	DA42	KLM Flight Academy	arr KLM7908
PH-MAA	EC135T2+	ANWB - MAA	Lifeline01
PH-MFA	DA42NG	Martinair Lelystad	2x *KLM7910
PH-MFA	DA42NG	Martinair Lelystad	2x *KLM7908
PH-WRW	EC120B	Heli Holland Holding	
SE-RMO	Lj45XR	H-bird Aviation Services	ETI21B/046
T7-DSD	G150	ICS Aero	
28. V-11	G-IV	334sq	NAF11
D-ISLT	Ce525A	Sylt Air	29 AWU928K/9K
D-ITRA	Ce525	Transavia Flug	
N305KN	G650ER	McAfee & Taft	01
OE-LLG	ERJ135BJ	MJet	30 MJF590
OH-SWJ	Ce525A	Scanwings	ABF2D
OO-CEJ	Ce525	Air Service Liège	
OY-APM	G450	Maersk Aviation	
PH-ELP	EC135T2	ANWB - MAA	Lifeline03
PH-FIS	Ce525	JetNetherlands	07
YU-MTU	Ce525	Infinity Aviation	29
29. CS-DXN	Ce560XLS	NetJets Europe	30 NJE6JH/6SL
CS-LTB	Ce680A	NetJets Europe	NJE3KX/785E
D-ASAP	ERJ135BJ	Air Hamburg	AHO825L/874F
D-GVCC	DA42	Rent-A-Plane	
N733MA	B737-81Q	Transavia (BSK c/s)	30 TRA5244/BSK501
OO-PRM	Ce510	Air Service Liege	04
SE-RMO	Lj45XR	H-bird Aviation Services	ETI123B/4B
SP-KCS	Ce560XLS	Jet Story	30 JDI30C
YR-IGP	ERJ135BJ	Toyo Aviation	TOY460/1
30. CS-DLF	Falcon 2000EX	NetJets Europe	NJE758N/460W
D-ISLT	Ce525A	Sylt Air	01 AWU930K/901K
OO-CEJ	Ce525	Air Service Liège	01
PH-BGL	B737-7K2	KLM	tdy arr TRA071
PH-HRK	P180	JetNetherlands	01
SE-RMO	Lj45XR	H-bird Aviation	01 ETI25B/26B

On the 2nd an easyJet Airbus diverted on its way to Amsterdam. The C-32 on the 3rd took American Foreign Minister Mike Pompeo to the Netherlands to open the Global Entrepreneurship Summit (GES2019) in The Hague together with

Prime Minister Mark Rutte. That event brought several bizjets to Rotterdam. A Miami Air Boeing arrived on the 5th for a short term lease to Transavia. The Transavia on the 6th is an Amsterdam diversion. On the 8th KLM diverted to Rotterdam. The Starspeed helicopter on the 9th still carries 'Al Mirquab' titles. From the 17th till the 21st Ixair operated several flights to Clermont-Ferrand Airport. The previously mentioned Miami Air Boeing departed to Amsterdam on the 29th after lease to Transavia. It will continue its Dutch adventure with TUI Netherlands. On the 30th the first of two KLM aircraft arrived for summer duty with Transavia.

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

Maastricht - Aachen

				June 2019
01. S-454	AS532U2	300sq	Wildcat1	
D-CGRK	Lj60	FAI Rent-A-Jet	dep IFA6077	
D-ICBA	Ce525A	ProAir Aviation	dep	
LX-YCV	B747-4R7F	Cargolux	CLX8855	
02. CS-DXH	Ce560XLS	NetJets Europe	NJE826D/136K	
D-CANG	Ce560XLS+	Air Hamburg	AHO346L/395Z	
LX-LGE	DHC-8-402	Luxair	LGL7709/19	
OO-GLM	Ce680	Air Service Liège	03	
YR-FKA	Fokker 100	Carpatair	05 KRP4930/2950	
03. I-SWIA	B747-4R7F	SW Italia	05 AZG251/2	
04. D-CFIV	Lj35A	Air Alliance	AYY118	
D-ITTT	Ce421C	Air-Taxi Europe	TWG141/241	
G-OSRA	B727-2S2F	Oil Spill Response	05 BRO27A	
HB-JBG	CS100	Swiss	dep SWR5185	
LZ-BHI	A320-232	BH Air (a/w)	BGH2501/2	
TF-NEO	A320-251N	Vistara	dep	
05. HA-TAG	Saab 340A(F)	Fleet Air International	FRF300/301	
HB-JCE	CS300	Swiss	11 SWR5182/91	
HB-JCP	CS300	Swiss	dep SWR5183	
LN-WDI	DHC-8-402	Widerøe	arr WIF9077	
LN-WDJ	DHC-8-402	Widerøe	dep WIF9078	
LX-LBA	B737-8C9	Luxair	LGL7536/536P	
OO-CEJ	Ce525	Air Service Liège	arr	
06. OO-MMT	Ce560XLS	Air Service Liège		
07. LX-YCV	B747-4R7F	Cargolux	CLX7135	
08. G-FRYL	Raytheon 390	Bookajet	BOO601/602	
G-RSXP	Ce560XLS+	Catreus	VCG2XP/3XP	
LX-RCV	B747-4R7F	Cargolux	CLX8855	
09. 4K-SW008	B747-4R7F	Silk Way West	10 AZG1261/9555	
D-CMMP	EMB505	Luxaviation Germany	10 LXG55MP	
LX-YCV	B747-4R7F	Cargolux	CLX7156	
N714JB	Falcon 2000	J. Balvin		
OE-HUB	Ce750	Bairline Flug	10	
OK-ZUB	Beech 400A	JetBee Czech	11 JBC137B/159A	
10. D-ICBA	Ce525A	ProAir Aviation	11	
G-XPTV	ERJ135BJ	Arena Aviation	11 REN52C/85C	

VP-BNL	A320-214	Aeroflot	16 AFL7724/5	27.01	C-37A	Washington	28 C101
YR-FKA	Fokker 100	Carpatair	KRP2952/4932	LN-WIG	DHC-8-103	Widerøe	arr WIF9081
11. 9XR-WH	CRJ900ER	RwandAir	arr RWD800	N127SR	CL-604	P. Dussman	
HB-JCC	CS300	Swiss	17 SWR5190/89	OE-GFC	IAI1125SPX	Tyrol Air Ambulance	TYW686/7
LZ-BHI	A320-232	BH Air (a/w)	BGH2501/2	OO-XLS	Ce560XLS+	Air Service Liège	
12. N29DE	SF50	Deny Airlines		28. I-SWIA	B747-4R7F	SW Italia	29 AZG1259/60
PH-CJM	Ce680	ASL		LX-YCV	B747-4R7F	Cargolux	CLX7135
13. D-IPCG	Ce425	PGS Holding		29. 9H-MAC	B737-548	Maleth-Aero	30 AZI724P/MLT588
D-ITWO	PA-42-720	Air Alliance Express		9H-REY	ERJ145EP	Maleth-Aero	30 MLT588/588E
G-CIEL	Ce560XL	Luxaviation UK	LNx47CE	LX-RCV	B747-4R7F	Cargolux	CLX8855
TC-MCT	B747-412F	Saudia	SVA3029/SVA3030	30. 9H-MAC	B737-548	Maleth-Aero	MLT589/589F
14. LN-WFH	DHC-8-311	Widerøe	27 WIF9177/082	9H-REY	ERJ145EP	Maleth-Aero	MLT589E/009P
LN-WSB	DHC-8-202	Widerøe	dep WIF9079	LX-JCV	B747-4EVERF	Cargolux	CLX7656
LX-RCV	B747-4R7F	Cargolux	CLX7135	LX-YCV	B747-4R7F	Cargolux	CLX7156
TC-MCT	B747-412F	Saudia	SVA3031/2				
15. D-CMCA	Ce525B	Marc Cain	16				
D-IAAS	EMB500	Arcus Air	AZE72AJ/19MA				
JA23MJ	MRJ90STD	Mitsubishi Aircraft Corp.	dep JA23MJ				
LX-YCV	B747-4R7F	Cargolux	CLX8855				
16. CS-DXF	Ce560XLS	NetJets Europe	JME512F				
LX-RCV	B747-4R7F	Cargolux	CLX7156				
17. G-SPUR	Ce550	Luxaviation UK	LNx73PU				
HB-JCJ	CS300	Swiss	20 SWR5188/91				
LY-JMS	B737-522	KlasJet	26 KLJ0013/6005				
PH-DWS	ERJ135LR	Air Charters Europe	26 JNL307/693				
18. D-CHMD	EMB505	Herrenknecht					
LZ-BHI	A320-232	BH Air (a/w)	BGH25012				
19. OO-CEJ	Ce525	Air Service Liège					
OO-CEJ	Ce525	Air Service Liège	21				
OO-GLM	Ce680	Air Service Liège	arr				
PH-TXA	Ce510	JetNetherlands					
VP-BJE	CL-604	TAG Aviation Asia	TBJ02				
20. 4K-SW008	B747-4R7F	Silk Way West	AZG255/6	01. CS-TRO	A320-214	White	June 2019
CS-CHI	CL-350	NetJets Europe	NJE7QF/518L	LN-AGE	Falcon 900LX	Sundt Air	EVE7161/2
HB-JBE	CS100	Swiss	24 SWR5190/81	OH-LCH	C-53C	DC Association	AKK9
OO-KOR	Ce525A	Luxaviation Belgium	AAB381	02. D-IBET	Ce525A	ProAir Aviation	02
21. D-AOLH	Fokker 100	Avanti Air	ATV021/502	LN-WND	C-53D	Dakota Norway	
EC-JIP	SA226TC	Flightline	FTL551/552	03. D-HTMA	EC135P2i	Helicopter Travel Munich	*HTM3A
LX-RCV	B747-4R7F	Cargolux	CLX7135	PH-DTS	DA42	Wings over Holland	
22. LX-YCV	B747-4R7F	Cargolux	CLX8855	SE-CFP	DC-3C	Flying Veterans Association	
23. LX-LQA	DHC-8-402	Luxair	LGL7711/2	03. SP-TBM	TBM-930	PLEK2 SP	dep
LX-OCV	B747-4R7F	Cargolux	CLX7656	04. D-IDCA	Beech 95	Engelhart	dep
LX-SCV	B747-4R7F	Cargolux	CLX7156	N100ES	G650ER	Disney Aviation Group	
PH-PBA	DC-3C	Dutch Dakota Association		05. D-ASMR	A320-214	Sundair	SDR830F/8638
24. HB-JCS	CS300	Swiss	27 SWR5180/1	D-ICHG	Beech B200	Scholz	
25. LZ-BHI	A320-232	BH Air (a/w)	BGH25012	G-FFRA	Falcon 20DC	Cobham	
26. 9H-ILB	CL-850	VistaJet Malta	VJT626	OO-ACO	Ce510	Air Service Liège	
9H-KAZ	BAe125-900XP	Hyperion Aviation	HYP005	06. D-HTMH	EC135P2+	HTM Helicopter Travel Munich	*
9H-VJC	Global 6000	VistaJet Malta	VJT739	G-SAJT	ERJ135ER	Loganair	
D-CKNA	Ce525C	Star Wings Dortmund	STQ444	07. T-409	T-17	FLSK	
D-IABE	PA-42-720	Finow Air Service		T-411	T-17	Skrydstrup Bas	
OE-GFC	IAI1125SPX	Tyrol Air Ambulance	TYW686/7	T-412	T-17	FLSK	
OK-HLB	Beech 350	Aerotaxi	ITE162	T-419	T-17	FLSK	
PH-DWS	ERJ135LR	Air Charters Europe	arr JNL693	T-428	T-17	FLSK	
YU-BTB	Ce550 Bravo	Air Pink	27	G-KAXF	Hunter F6.A	DHHF	arr
				LX-EAA	Lj45	DucAir – LAR	LRQ9290
				PH-HCF	Cabri G2	HeliCentre	
				08. N576MA	TBM-850	HTG Trading	
				OK-RLV	G280	Avcon Jet	

All Swiss visits were related to maintenance. The former WOW Airbus on the 4th departed in Vistara colours. On the 5th Luxair arrived from Lourdes. The Aeroflot on the 10th received a repaint. The MRJ90STD on the 15th departed to Le Bourget after a repaint. Avanti Air operated a charter for Andre Rieu on the 21st. The charter returned on the 23rd using a Luxair Dash-8. on the 29th Maleth-Aero operated two Formula 1 charters. Both returned the next day.

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

Groningen - Eelde

							June 2019
01. CS-TRO	A320-214	White	EVE7161/2	LN-AGE	Falcon 900LX	Sundt Air	AKK9
OH-LCH	C-53C	DC Association	02	02. D-IBET	Ce525A	ProAir Aviation	
LN-WND	C-53D	Dakota Norway		LN-WND	C-53D	Dakota Norway	
03. D-HTMA	EC135P2i	Helicopter Travel Munich	*HTM3A	PH-DTS	DA42	Wings over Holland	
SE-CFP	DC-3C	Flying Veterans Association		03. SP-TBM	TBM-930	PLEK2 SP	dep
03. SP-TBM	TBM-930	PLEK2 SP	dep	04. D-IDCA	Beech 95	Engelhart	dep
04. D-IDCA	Beech 95	Engelhart		N100ES	G650ER	Disney Aviation Group	
05. D-ASMR	A320-214	Sundair	SDR830F/8638	05. D-ASMR	A320-214	Sundair	SDR830F/8638
D-ICHG	Beech B200	Scholz		D-ICHG	Beech B200	Scholz	
G-FFRA	Falcon 20DC	Cobham		G-FFRA	Falcon 20DC	Cobham	
OO-ACO	Ce510	Air Service Liège		OO-ACO	Ce510	Air Service Liège	
06. D-HTMH	EC135P2+	HTM Helicopter Travel Munich	*	06. D-HTMH	EC135P2+	HTM Helicopter Travel Munich	*
G-SAJT	ERJ135ER	Loganair		G-SAJT	ERJ135ER	Loganair	
07. T-409	T-17	FLSK		07. T-409	T-17	FLSK	
T-411	T-17	Skrydstrup Bas		T-411	T-17	Skrydstrup Bas	
T-412	T-17	FLSK		T-412	T-17	FLSK	
T-419	T-17	FLSK		T-419	T-17	FLSK	
T-428	T-17	FLSK		T-428	T-17	FLSK	
G-KAXF	Hunter F6.A	DHHF	arr	G-KAXF	Hunter F6.A	DHHF	arr
LX-EAA	Lj45	DucAir – LAR	LRQ9290	LX-EAA	Lj45	DucAir – LAR	LRQ9290
PH-HCF	Cabri G2	HeliCentre		PH-HCF	Cabri G2	HeliCentre	
08. N576MA	TBM-850	HTG Trading		08. N576MA	TBM-850	HTG Trading	
OK-RLV	G280	Avcon Jet		OK-RLV	G280	Avcon Jet	



This C-53C has served in the US Air Transport Command as 43-2033. In 1948 the aircraft was sold to Finland as OH-LCH. Currently owned by Airveteran the aircraft is being operated by DC-Association in Finnish Airlines colours. (Groningen - Eelde, 2 June 2019, Hendrik Cazemier)

09. OE-FMT	EMB500	Jet 24	
10. N576MA	TBM-850	HTG Trading	11
11. OO-PRM	Ce510	Air Service Liège	12
12. PH-CYP	PC-12/47E	SMT Shipping	
PH-DTS	DA42	Wings over Holland	
PH-HXO	B737-800	Transavia Airlines	f/v TRA6758/7
13. OE-GWV	Ce560XLS	Jet 24	14
OO-PRM	Ce510	Air Service Liège	
PH-DTS	DA42	Wings over Holland	
14. N275DJ	G-IV	Ragtime Investments	arr
OE-FDT	Ce510	GlobeAir	GAC726C/615D
SE-MLR	DA42	M Lab	15
15. EC-MJU	B737-85P	Air Europa	EVE161P/162
OE-FHA	Ce510	GlobeAir	16 GAC615E/925T
16. G-AWHH	HA-1112-M1L	Air Leasing	17
17. OO-ACO	Ce510	Air Service Liège	18
18. OE-FZE	Ce510	GlobeAir	19 GAC665B/735C
19. OE-FZE	Ce510	GlobeAir	GAC887Z/665C
PH-TXA	Ce5150	JetNetherlands	2x
20. D-COCA	Beech 1900D	Beech 1900D	PWF100/76A
N272BG	G550	Contrail Aviation	
OO-ACO	Ce510	Air Service Liège	21
PH-CYP	PC-12/47E	SMT Shipping	
SE-RMX	Lj35A	SAAB	
21. ZJ135/T	Merlin HC3i	846NAS	Navy558
D-COCA	Beech 1900D	Private Wings	22 PWF76B/102
22. ZJ132/Q	Merlin HC3i	846NAS	Navy556
OE-IKT	ERJ135BJ	International Jet Management	
PH-TWN	P2006T	Zelf Vliegen	
23. OO-ACO	Ce510	Air Service Liège	26
24. D-IFCS	BN-2B-20	FLN	
25. 3A-MXL	AS355N	Heli Air Monaco	26
PH-DTS	DA42	Wings over Holland	
26. D-CHRA	Ce525C	E-Aviation	27 EFD4A
D-ISCH	Ce525A	Gerhard Schubert	
OO-ACO	Ce510	Air Service Liège	27
PH-DTS	DA42	Wings over Holland	
27. D-CAGA	EMB505	Luxaviation Germany	LXG55GA
D-CFHZ	EMB505	DAS Privat Jets	28
D-CURT	Lj31A	Air Alliance	arr AYY102
EC-MSS	Ce560XLS+	Gestair	30 GES321S
OY-TWO	PC-24	Blackbird Air Charter	f/v BBB9
28. D-HANI	Bell 407GX	Heliteam Süd	30 tdy
OO-ACO	Ce510	Air Service Liège	
PH-DTS	DA42	Wings over Holland	2x
29. D-CDMO	EMB505	Dimor Aero	
D-CFHZ	EMB505	DAS Privat Jets	30
D-IDAZ	Ce525	Donau Air Service	30
EC-HGI	Ce550	Initium Aviation	INI151
LX-JFZ	PC-12/47E	Jetfly Aviation	30 - /JFA17N
N75KH	CL-604	Sun Energy	
OE-GLL	Ce550 Bravo	Jet Fly	30
30. D-CAGA	EMB505	Luxaviation Germany	LXG54GA
D-CEIS	Ce680	E-Aviation	arr EFD6S

D-CHRA	Ce525C	E-Aviation	EFD4A
D-CSCE	EMB505	Luxaviation Germany	LXG55CE
EC-LLM	A320-214	Vueling Airlines	VLG4178/9
HA-YFK	Beech 400A	Jet Stream	arr
LX-JCT	Ce525A	Global Jet Luxembourg	SVW20JT

The classics on the first three days of the month were all on thier way to Duxford. The five Danish T-17s arrived in two different flights but we are not able to tie the aircraft to the used flightnumbers DAF3160 and DAF3161. The Hunter on the 7th arrived in relation to the Oostwold Air Show.

Credit: GEAS, FlyGRQ.

Deventer-Teuge

June 2019			
01. PH-PNX	PA-31-350	Slagboom & Peeters	dep
PH-PXC	EC135P2+	Nationale Politie	ZXP03
02. D-HANS	R44	Heli & Co	05
03. N22SY	PA-46-350P		
PH-ENK	R44	Bear Helicopters	
04. N22SY	PA-46-350P		
05. D-ICHG	Beech B200	Scholz	06
N2648X	Ce501	T.S. Aviation	
06. F-HYPE	EC120B	Poseidon Lux. Seafront Real Estate	
LX-AIM	PA-44-180	Aero-Sport	
OO-ROB	RC690B	A.B.K.	27
PH-ULP	EC135T2	ANWB - MAA	
07. D-FLIZ	Ce208	Advance Aviation	dep
D-HGVB	R44	Rotavisie	
D-INNN	DA62		Amigo98
OO-SPA	C208	Skydive Spa	arr
PH-ENK	R44	Bear Helicopters	13
PH-PXE	EC135P2+	Nationale Politie	ZXP05
09. PH-ITI	H125	HeliCentre	10
10. D-GEWF	DA42	We-Fly	11
PH-FVD	R44	Rotarywings	
11. D-HGVB	R44	Rotavisie	
G-IYYI	A75N1	AeroSuperBatics	
N74189	A75N1	AeroSuperBatics	
12. D-HGVB	R44	Rotavisie	
13. D-HGVB	R44	Rotavisie	18
17. LX-AIM	PA-44-180	Aero-Sport	
OO-SEX	C208	Skydive Spa	18
18. PH-ECE	EC120B	Heli Holland Holding	
19. N2648X	Ce501	T.S. Aviation	19
PH-RBC	EC120B	HeliAir	
20. PH-DTS	DA42	Wings over Holland	
22. OO-FSV	DA62	Degroote Trucks & Trailers	
PH-PXY	AW139	Nationale Politie	ZXP25
23. PH-FSD	Ce208	Fallschirmsport Damme	27
24. N195JR	Beech 95	Buddy Management	01
N771BA	RC690B	Space Imaging ME	
26. D-HANS	R44	Heli & Co	arr tdy
OE-XXV	R44	Heli & Co	dep



This Slagboom and Peeters owned and operated Piper PA-31 received a new coat of paint at Lelystad. Berend Jan Floor was able to photograph PH-PNX on 26 June 2019 before it departed back to Teuge.



Jet Time has leased Boeing 737 OY-JZL to Transavia for the summer. The aircraft is based at Eindhoven. You have to look very closely to see the Transavia logo near the entry doors forward and aft. (Eindhoven, 26 June 2019, Maarten Dols)

PH-FVD	R44	Rotarywings		D-CSKY	Beech 350	Fly-Alpha	BFX820B
PH-PNX	PA-31-350	Slagboom & Peeters	arr	G-ZNTJ	Lj75	Zenith Aviation	BZE03A/B
PH-WIK	AS350B3	HeliAir		OE-GBD	IAI1125SPX	Tyrol Air Ambulance	TYW431/2
27. OO-CEO	R44	G-Invest		OE-GKW	G100	Tyrol Air Ambulance	07 TYW758/7
PH-KIO	P2006T	Kavel 10	03	PH-FJK	Ce525B	JetNetherlands	08
28. D-FLIZ	Ce208	Advance Aviation	29	PH-HWM	CL-605	ASL	dep
M-IFFY	Ce510	Xead Aviation		07. J-514	F-16AM	313sq	*Cowboy
30. M-IFFY	Ce510	Xead Aviation		D-BEEP	Ce750	Air X Charter (Germany)	AXG710/1

The Slagboom Piper departed to IJsselstein on the 1st for a repaint. It returned on the 26th. Both Stearmans on the 11th arrived from Oostwold and continued to Midden-Zeeland.

Credit: Teuge Airport.

Eindhoven

		June 2019					
01. D-CFTG	Lj35A	Quick Air	dep QAJ3678	OO-GLM	Ce680	Air Service Liège	
HA-LVC	A321-271NX	Wizz Air	f/v WZZ5VS/8JY	OO-GLM	Ce750	Air Service Liège	10
OO-GEE	PC-12/47E	Blue Sky Aviation		00-PKX	Ce750	Air Service Liège	10
02. D-BEEP	Ce750	Air X Charter (Germ.)	03 AXG405/310	00-PKX	Ce750	Air Service Liège	10
D-IGRO	Ce525A	ProAir Aviation	04	00-GLM	Ce680	Air Service Liège	
OO-GEE	PC-12/47E	Blue Sky Aviation	03	OO-GLM	Ce750	Air Service Liège	10
OO-XLS	Ce560XLS+	Air Service Liège		00-GLM	Ce680	Air Service Liège	
03. J-006	F-16AM	312/313sq (322sq mks)	05 NAF312/-	00-GLM	Ce750	Air Service Liège	10
J-014	F-16AM	312/313sq	05 NAF312/-	00-GLM	Ce750	Air Service Liège	10
J-017	F-16AM	322sq (322sq mks)	05 Anvil02/-	00-GLM	Ce750	Air Service Liège	10
J-021	F-16AM	322sq (322sq mks)	05	00-GLM	Ce750	Air Service Liège	10
J-197	F-16AM	312/313sq	05 NAF312/-	00-GLM	Ce750	Air Service Liège	10
J-368	F-16BM	313sq (313sq mks)	05 Anvil01/-	00-GLM	Ce750	Air Service Liège	10
J-512	F-16AM	312/313sq (nmks)	05	00-GLM	Ce750	Air Service Liège	10
J-641	F-16AM	312/313sq	05 NAF312/-	00-GLM	Ce750	Air Service Liège	10
D-CAGA	EMB505	Luxaviation Germany.	LXG55GA	00-GLM	Ce750	Air Service Liège	10
N653MK	G550	Merck Sharp & Dohme	06	00-GLM	Ce750	Air Service Liège	10
OE-GBD	IAI1125SPX	Tyrol Air Ambulance	TYW432/3	00-GLM	Ce750	Air Service Liège	10
OO-GLM	Ce680	Air Service Liège		00-GLM	Ce750	Air Service Liège	10
PH-CJM	Ce680	ASL	16	00-GLM	Ce750	Air Service Liège	10
PH-FJK	Ce525B	JetNetherlands	06	00-GLM	Ce750	Air Service Liège	10
PH-MYX	Ce650	ASL	05	00-GLM	Ce750	Air Service Liège	10
04. CS-DOI	Ce525	Taespejo Portugal	TES301/2	00-GLM	Ce750	Air Service Liège	10
CS-DOI	Ce525	Taespejo Portugal	TES303/1	00-GLM	Ce750	Air Service Liège	10
HB-JSF	CL-650	Robert Bosch		00-GLM	Ce750	Air Service Liège	10
HB-JSG	CL-605	Robert Bosch		00-GLM	Ce750	Air Service Liège	10
OE-FUX	Ce525A	Bairline Flug		00-GLM	Ce750	Air Service Liège	10
05. D-661	CH-47D	298sq	*Grizzly76, GLV-V	00-GLM	Ce750	Air Service Liège	10
D-665	CH-47D	298sq	*Viking5, GLV-V	00-GLM	Ce750	Air Service Liège	10
TR.20-03	Ce560	403 Esc	06 AME0314	00-GLM	Ce750	Air Service Liège	10
D-CAGA	EMB505	Luxaviation Germany.	LXG55GA	00-GLM	Ce750	Air Service Liège	10
EI-DAR	B737-8AS	Ryanair	div RYR79RZ/781	00-GLM	Ce750	Air Service Liège	10
M-JNJL	Global XRS	Air Fleet Operations		00-GLM	Ce750	Air Service Liège	10
PH-HRK	P180	JetNetherlands	06	00-GLM	Ce750	Air Service Liège	10
06. 146/XR	TBM-700	ET00.041	CTM3834	00-GLM	Ce750	Air Service Liège	10
MM62286	P180	93° Gruppo	IAM1495	00-GLM	Ce750	Air Service Liège	10
D-BEAR	Ce750	Air X Charter (Germ.)	07 AXG608/709	00-GLM	Ce750	Air Service Liège	10
D-COCA	Beech 1900D	Private Wings	PUF100/209A	00-GLM	Ce750	Air Service Liège	10



Piper PA-46 HS-TOM is owned by a Brit that resides in Thailand during the winter. Each year he flies his aircraft to the UK for maintenance. HS-TOM was caught on camera after it had arrived from Bournemouth after maintenance. (Lelystad, 24 June 2019, Richard Poeser)

24. OO-PKX	Ce750	Air Service Liège	26
25. 1x	F-16AM	312/313/322sq	*
S-442	AS532U2	300sq	26 Wildcat
S-454	AS532U2	300sq	26 Wildcat
PH-HWM	CL-605	ASL	26
26. S-442	AS532U2	300sq	27 Wildcat2
S-454	AS532U2	300sq	27 Wildcat2
PH-HWM	CL-605	ASL	28
27. S-442	AS532U2	300sq	*Wildcat1, GLV-V
S-442	AS532U2	300sq	28
S-454	AS532U2	300sq	28
2-JACC	Fokker 70	Jet Air	dep
PH-FJK	Ce525B	JetNetherlands	01
UR-CJN	An-12B	Cavok Air	CVK7051/-
28. A6-MAF	G650	Empire Aviation Group	
PH-HWM	CL-605	ASL	02
29. 9H-VJG	Global 6000	VistaJet Malta	30 VJT796
PH-CJM	Ce680	ASL	30
30. OO-PKX	Ce750	Air Service Liège	04
PH-CJM	Ce680	ASL	01

On the 5th Ryanair diverted while enroute from Copenhagen to Stansted. Jet Time operated a military charter on the 7th. The outbound information was not available. On the 10th Avanti Air operated a military charter. Their Fokker 100 still sports the IdealTours colours. The Wizz Air Airbus suffered a bird hit resulting in a delayed departure to Vienna the next day. For the Ruby Star on the 16th we also only have the arrival information. Eindhoven housed eight Volkel F-16AM/BMs for three days as Volkel was down for runway maintenance.

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

Credits: EWAS, Oscar Sannen, Scramble MB.

Gilze-Rijen

June 2019			
03. <u>82+54</u>	EC135T1	IHAz	*GAM222
J-871	F-16AM	322sq	*Polly02
PH-PXY	AW139	Nationale Politie	*ZXP25
07. J-514	F-16AM	313sq	tst Cowboy
J-616	F-16AM	322sq	*Killer01
19. PH-CGC	Do228-212	Kustwacht	NCG03
20. G-273	C-130H-30	336sq	NAF73
<u>L-01</u>	PC-7	131EMVOsq	*Diamond04
<u>L-02</u>	PC-7	131EMVOsq	*Diamond08
21. <u>G-273</u>	C-130H-30	336sq	*NAF74
V-11	G-IVSP	334sq	*NAF61
24. J-368	F-16BM	313sq	*Judge01
J-512	F-16AM	312/313sq	*Bulldog01

Following international trainings and the Luchtmachtdagen at Volkel Gilze-Rijen traffic dropped in June.

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

Credits: Gilze Rijen Aviation Society, Scramble MB.

De Kooy

			June 2019
			GNV4680
06. <u>83+03</u>	Lynx Mk.88A	MFG5	
11. 83+03	Lynx Mk.88A	MFG5	
19. D-663	CH-47D	298sq	
G-273	C-130H-30	336sq	
20. 1x	AS532U2	300sq	
PH-CGC	Do228-212	Kustwacht	*
21. 2x	F-16AM	312/313/322sq	*
G-273	C-130H-30	336sq	
26. <u>ZH839</u>	Merlin HM2	814NAS	
ZH847	Merlin HM2	814NAS	

The Royal Navy Merlins refuelled at De Kooy on the 26th.

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

June 2019			
03. 30+83	EF2000	TLG71	GAFR13A
30+92	EF2000	TLG71	GAFR13B
31+07	EF2000	TLG71	GAFR14B
31+08	EF2000	TLG71	GAFR14A
04. FB18	F-16BM	2w	BAF231
30+57	EF2000	TLG71	GAFR13A
30+58	EF2000	TLG71	05 GAFR14B/15
30+83	EF2000	TLG71	GAFR14A
30+92	EF2000	TLG71	GAFR13B
05. 30+33	EF2000	TLG71	GAFR14A
30+57	EF2000	TLG71	GAFR14B
30+92	EF2000	TLG71	GAFR13B
31+07	EF2000	TLG71	GAFR13A
07. G-CKUE	Spitfire LF.XVle		11 Polly45
PH-MMT	EC135P2+	ANBW-MAA	Lifeline4
11. FA86	F-16AM	2w	BAF251
12. 15103	F-16AM	Esq.201/301 (spec mks)	dep AFP35
15117	F-16AM	Esq.201/301	dep AFP34
17. J-508	F-16AM	312/313sq (nmks)	Tiger1
18. J-006	F-16AM	312/313sq	26 Mig2/Snake1
J-368	F-16BM	313sq	19 Blade1/Hammer4
19. J-020	F-16AM	312/313sq (322sq mks)	*Hammer1

J-146	F-16AM	312/313sq	Hammer3
16703	C295M	Esq502	AFP56
15109	F-16AM	Esq201/301	AFP34
15114	F-16AM	Esq201/301	AFP35
20.FA95	F-16AM	10w	05 BAF501
FA102	F-16AM	10w	BAF502
S-419	AS532U2	300sq (camo c/s)	Wildcat1
S-442	AS532U2	300sq	Wildcat2
21.MM7290/4-7	F-2000A	904°GEA	24 IAM0409B
MM7327/4-47	F-2000A	904°GEA	24 IAM0409A/0410
22.N-088	NH90-NFH	860sq	Guardian24
PH-DHC	DHC-2	SKHV	
24.MM62195	C-130J-30	50° Gruppo TM	IAM4663
J-512	F-16AM	312/313sq (nmks)	*Fist1
J-514	F-16AM	312/313sq (nmks)	12 Fist2/Slammer1
T-264	KDC-10	334sq	*NAF41
25.16702	C295M	Esq502	AFP52
SE-GHB	MU-2B	Saab Nyge Aero	30 TGT52

Fightertown Leeuwarden movements from June 2019 are dominated by FWIT 2019. The German Eurofighters, Belgian en Portuguese F-16s and support included. On 7 June a Dutch owned Spitfire arrived to join a formation fly-by for 40 years F-16. J-006 made an emergency landing on 18 June following engine problems and smoke in the cockpit. A day later J-146 was struck by lightning, resulting in another emergency landing. The Italian Typhoon pair arrived for a 322sq celebration on 21 June and a C-130J-30 visit prior to malfunctions on MM7327 and the Hoogvliegers Flying Day on 22 June brought a NH90 and Beaver to the static display. And finally J-514 made an precautionary landing on 24 June, departing over two weeks later back to Volkel.

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

Lelystad

June 2019			
01.PH-PNX	PA-31-350	Slagboom & Peeters	26
06.G-CMBC	Ce550 Bravo	Xclusive Jet Charters	arr
N930SA	TBM-930	Spectrum Medical Aviation	
10.G-ASJV	Spitfire Mk.IX	OFMC	11
G-IBSY	Spitfire Mk.Vc	Anglia Restorations	11
G-TFSI	TF-51D	Anglia Restorations	11
G-THUN	P-47D	Fighter Aviation Engineering	11
PH-FVD	R44	Rotarywings	arr
11.N930SA	TBM-930	Spectrum Medical Aviation	
12.N930SA	TBM-930	Spectrum Medical Aviation	
OE-FIT	Ce510	GlobeAir	13 - /GAC151A
OY-AWH	PC-12/47E	AH Aviation	13
PH-JTJ	Ce680	Exxaero	
14.N25DE	Eclipse 500		arr
24.HS-TOM	PA-46-500TP	NOK Aviation	30

PH-DWW	R44	HeliAir		
25.3A-MXL	AS355N	Heli Air Monaco		
27.N86RK	DA42			
28.D-HSDM	Bo105CBS4	Red Bull	30	
	F-HCAN	DA42	Diamant Air 2	29
	HB-FVM	PC-12/47E	Leonardo Flyers	
29.D-IIKM	Beech C90A	Kurt Jäger		
30.HB-FVM	PC-12/47E	Leonardo Flyers		30

The Slagboom & Peeters Piper arrived for a repaint on the 1st. The four 'classics' on the 10th arrived from Oostwold for a night stop. All four have been logged on the 11th overflying Ostend. The Piper on the 24th has received maintenance in the UK and spend some time in Europe before heading back to Thailand. The Red Bull helicopter on the 28 was a few days in the area in relation to the Defqon.1 festival weekend. It operated local flights on the 28th and 29th.

Credits: Berend Jan Floor, Richard Poeser, Ernesto Bauer, Lelystad Airport Aviation Group (Facebook), Scramble MB.

Volkel

June 2019			
03.J-065	F-16BM	322sq	dep Polly01
J-871	F-16AM	322sq	dep Polly02
11.J-065	F-16BM	322sq	17 Polly1/Blade1
J-362	F-16AM	322sq	17 Polly2/Blade2
J-513	F-16AM	322sq	17 Polly3/Killer1
J-201	F-16AM	322sq	17 Polly4/Killer2
D-661	CH-47D	298sq	Grizzly5
D-664	CH-47D	298sq	Grizzly7
G-275	C-130H-30	336sq	Bison11
S-453	AS532U2	300sq	Wildcat6
S-456	AS532U2	300sq	Wildcat8
C.16-72/14-30	EF2000	142 Esc/Ala14	16 AME1401
C.16-73/14-31	EF2000	142 Esc/Ala14	16 AME1402
C.16-76/14-34	EF2000	142 Esc/Ala14	16 AME1403
G-KAXF	Hunter F6A	DHFF	17 HawkerHunter
12.MM62214	C-27J	98Gr/46BA	IAM4673
CSX62219	C-27J	311Gr/RSV	16 IAM0102
MM7345	F-2000A	18Gr/37St	17 IAM3701
MM55213	T-346A	311Gr/RSV	16 IAM0101
D-103	CH-47D	298sq	Grizzly7
D-664	CH-47D	298sq	Grizzly5
D-665	CH-47D	298sq	17 Viking4/Ghost1
G-781	C-130H	336sq	Bison11
J-515	F-16AM	322sq	arr NAF313
S-453	AS 532U2	300sq	Wildcat6
S-454	AS 532U2	300sq	17 Demon5/Wildcat7
S-456	AS 532U2	300sq	Wildcat8
05-5142	C-17A	729th AS/AFRC	RCH803
05-5142	C-17A	729th AS/AFRC	17 RCH803
13.3H-FC	PC-7	LabtFläFlz (spec c/s)	17 ASF82



Former UR-PSB was returned to its lessor Aviation Capital Group by Ukraine International Airlines in December 2018. The Boeing 737 arrived at Woensdrecht registered as VP-BQR for work prior delivery to Malaysian start-up Love2Fly. (Woensdrecht, 19 June 2019, Johan Havelaar)

3H-FG	PC-7	LabtFläFlz (spec c/s)	17 ASF81	XX232	Hawk T1	Red Arrows	15 RFR7285
FA57	F-16AM	2w (D-day mks)	17 BAF291/BAF292	XX242	Hawk T1	Red Arrows	15 RFR7285
FA101	F-16AM	2w (Demo c/s)	17 BAF261/BAF291	XX244	Hawk T1	Red Arrows	15 RFR7281
FA124	F-16AM	10w (D-day mks)	17 BAF501	XX245	Hawk T1A	Red Arrows	15 RFR7288
FB18	F-16BM	2w	BAF292/BAF295	XX278	Hawk T1A	Red Arrows	15 RFR7288
FB24	F-16BM	10w/OCU (spec mks)	17 BAF451	XX319	Hawk T1A	Red Arrows	15 RFR7285
ST02	SF260M+	Red Devils	15 BAF195	XX322	Hawk T1A	Red Arrows	15 RFR7281
ST06	SF260M+	Red Devils	14 BAF193	XX323	Hawk T1A	Red Arrows	19 RFR7288/7281
ST16	SF260M+	Red Devils	14 BAF191	ZJ957/Z	Puma HC2	33sq	16 RFR7198
ST34	SF260M+	Red Devils	14 BAF194	EC-340	KC-30M	Airbus Military	15 AED354
ST35	SF260M+	Red Devils	14 BAF192	N139LE	L-39ZO	Skyline Aviation	16 N139LE
0452	C295M	242tsl/24zDL	CEF660	PH-PXA	EC135P2+	Nationale Politie	ZXP01
9237	JAS39C	211t/21zTL	16 CEF324	PH-PXZ	AW139	Nationale Politie	15 ZXP26
E-011	F-16AM	Esk727	15 DAF3269A	"35810/79"	Sk-35C	SwAFHF	15 ZEDXP
ET-612	F-16BM	Esk727	15 DAF3269B	"37098/52"	AJS-37	SwAFHF	15 SEDXN
E20/0	Alpha Jet E	EPAA20.300	15 FAF609	14.D-103	CH-47D	298sq	Grizzly5
E44/1	Alpha Jet E	EPAA20.300	15 FAF601/FAF6001	D-663	CH-47D	298sq	Grizzly7
E87/4	Alpha Jet E	EPAA20.300	15 FAF601/FAF6001	G-781	C-130H	336sq	Bison11
E113/8	Alpha Jet E	EPAA20.300	15 FAF601/FAF6001	S-453	AS532U2	300sq	Wildcat6
E119/7	Alpha Jet E	EPAA20.300	15 FAF601/FAF6001	S-456	AS532U2	300sq	Wildcat8
E127/5	Alpha Jet E	EPAA20.300	15 FAF601/FAF6001	T-264	KDC-10	334sq	*NAF40
E129/6	Alpha Jet E	EPAA20.300	15 FAF601/FAF6001	15.ST06	SF260M+	CC Air (Red Devils c/s)	*BAF191
E139/3	Alpha Jet E	EPAA20.300	15 FAF601/FAF6001	ST16	SF260M+	CC Air (Red Devils c/s)	*BAF191
E146/2	Alpha Jet E	EPAA20.300	15 FAF601/FAF6001	ST34	SF260M+	CC Air (Red Devils c/s)	*BAF191
111/64-II	CN235M-200	ET01.062	CTM2057	ST35	SF260M+	CC Air (Red Devils c/s)	*BAF191
44+29	Tornado IDS	TLG33	17 GAFE41	197/62-HE	CN235M-300	ET03.062	CTM2015
01507	F-4E	338Mira/117PM	17 HAF338A	D-663	CH-47D	298sq	*Titan4, Grizzly7
71758	F-4E	338Mira/117PM	17 HAF338B	D-664	CH-47D	298sq	Grizzly5
MM7361	F-35A	13Gr/32St	17 IAM3201	G-275	C-130H-30	336sq	Bison11
LX-N90454	E-3A	NAEW&CF	17 Nato06	S-453	AS532U2	300sq	Wildcat6
D-663	CH-47D	298sq	*Titan4	S-456	AS532U2	300sq	Wildcat8
F-001	F-35A	323sq	arr Archer11	16.T.21-07/35-45	C295M	353 Esc/Ala35	AME3546
F-008	F-35A	323sq	17 Archer12/NAF82	17.MM62218	C-27J	98Gr	IAM4677
G-273	C-130H-30	336sq	15 NAF22	J-066	F-16BM	322sqn/KTV	25 Rack
J-066	F-16BM	322sq/KTV	17 Rack	T-751	CL-604	LTDB	SUI564
J-514	F-16AM	313sq	arr Killer	18.0454	C295M	242tsl/24zDL	CEF662
L-11	PC-7	131(EMVO)sq	17 Diamond18/09	21.G-273	C-130H-30	336sq	*NAF74
N-088	NH90-NFH	860sq	15 Neptune14/Neptune-form	J-016	F-16AM	312sq	dep Cowboy01
N-318	NH90-NFH	860sq	15 Guardian26/Neptune-form	J-013	F-16AM	322sq	arr Cowboy01
675	F-16AM	331skv	16 NOW331A	J-055	F-16AM	313sq (nmks)	dep Flame
689	F-16BM	331skv	16 NOW331B	V-11	G-IVSP	334sq	*NAF61
T.19B-20	CN235M-100	GRUEMA	AME7413	24.FB22	F-16BM	10w/OCU	*BAF421
J-3084	F-5E	Patrouille Suisse	17 SUI407/SUI401	26.S-442	AS532U2	300sq	*Wildcat2
J-3087	F-5E	Patrouille Suisse	17 SUI407/SUI401	S-454	AS532U2	300sq	*Wildcat2
J-3082	F-5E	Patrouille Suisse	17 SUI407/SUI401	27.10-5714	MC-130J	67th SOS/352nd SOG	*Strix21
J-3091	F-5E	Patrouille Suisse	17 SUI407/SUI401				
J-3081	F-5E	Patrouille Suisse	17 SUI407/SUI401				
J-3085	F-5E	Patrouille Suisse	17 SUI407/SUI401				
J-3090	F-5E	Patrouille Suisse	17 SUI407/SUI401				
T-751	CL-604	LTDB	SUI564				
XX177	Hawk T1	Red Arrows	15 RFR7281				
XX187/CN	Hawk T1A	100sq	17 RFR7020				
XX219	Hawk T1A	Red Arrows	15 RFR7288				

Special attention this month at Volkel has to go the Lucht-macht-dagen. Special arrivals include two 323sq F-35As who arrived just prior to the show and unfortunately F-001 broke down on the first flying attempt and remained grounded for some weeks. By the time this Scramble reached you the F-35A has departed back to the USA.

Credits: SGVolkel Message Board, Scramble MB.



Former Rossiya Airbus A319 VP-BNB arrived at Woensdrecht from Pulkovo already in the colours of its next operator. The aircraft flew a local test flight on the same day it arrived at the Dutch air base. (Woensdrecht, 18 June 2019, Johan Havelaar)



Former OE-FSV has been entered into the Belgian register in October 2018. OO-FSV is owned by Degroote Trucks & Trailers. (Texel, 25 May 2019, Mike de Bruijn)

Woensdrecht

June 2019			
03.J-065	F-16BM	322sq	*Polly01
J-871	F-16AM	322sq	*Polly02
HZ-A11	ATR72-212A	Alpha Star	arr
OO-SFL	A330-343	Brussels Airlines	12 BEL9902/ -
07.J-514	F-16AM	313sq	tst Cowboy
J-616	F-16AM	322sq	*Killer1
13.J-514	F-16AM	313sq	dep Killer
J-630	F-16AM	322sq	arr Polly
14.PH-GOV	B737-700	Netherlands Govmnt	dep FOP970
18.J-013	F-16AM	313sq (322sq mks)	tst Dozer01
PH-GOV	B737-700	Netherlands Govmnt	arr FOP970
VP-BNB	A319-111	Rossiya (VLG c/s)	arr SDM5423
VP-BNB	A319-111	Rossiya (VLG c/s)	tst SDM5424
19.VP-BQR	B737-8HX	Sixt West Dublin (UAI c/s)	arr
20.J-060	F-16AM	322sq	arr Blade
J-509	F-16AM	322sq	dep Blade
21.J-013	F-16AM	313sq (322sq mks)	dep Cowboy01
J-016	F-16AM	312/313sq	arr Cowboy01
OH-ATH	ATR72-212A	NoRRA	arr FIN8923
VQ-BCP	A319-111	Rossiya	dep SDM5438
24.J-367	F-16AM	322sq (td mks)	dep Slammer
J-628	F-16AM	322sq (td mks)	arr Slammer
26.CS-TFY	A320-232X	MasterJet	03 LMY313Y
HZ-A3	A320-214	Alpha Star	arr
27.RN01	NH90-NFH	40sq	*BAF720

The Belgian Airbus on the 3rd is the biggest visitor for Woensdrecht this year. The A330 arrived from Dublin in full Euro-wings colours. After completion the new aircraft for the Dutch Government was flown to Charleston on the 14th. It returned four days later officially owned by the Dutch Government. Former Rossiya A319 VP-BNB arrived prior on the 18th to transfer to Vueling. Former Ukraine International B737-800 UR-PSB arrived on 19 June registered as VP-BQR, to become a new asset for Malaysian Love2Fly.

Credits: Johan Havelaar, Scramble MB.

Texel

May 2019			
01.PH-CGN	Do228-212	Kustwacht	NCG01
03.OY-HJG	EC135T2+	Uni-Fly	UNC63
PH-COM	PA-30	Dutch Airline Pilots Aero Club	
PH-WRWF	EC120B	Heli Holland Holding	
04.OY-HJR	EC135T2+	Uni-Fly	UNC63
05.PH-PBY	PBY-5A	Stichting Exploitatie Catalina	*
07.OE-XXV	R44	Heli & Co	
10.PH-PXC	EC135P2+	Nationale Politie	ZXP03
PH-PXD	EC135P2+	Nationale Politie	ZXP04
PH-RLA	Saab 91D	St. Levende Oude Luchtvaart	
11.G-TFAM	PA-46R-350T	Take Flight Aviation	12
OO-NSZ	AS365N2	Netherlands Coastguard	CG06

12.N13FY	AT-6A	Hanno Wesdorp	
N111PL	PA-30-160		
PH-CGN	Do228-212	Kustwacht	NCG01
15.L-12	PC-7	131EMV0sq	Diamond05
D-FSPG	Ce208	BSF Swissphoto	
17.N195JR	Beech 95	Buddy Management	19
PH-HCF	Cabri G2	HeliCentre	
18.PH-COM	PA-30	Dutch Airline Pilots Aero Club	
PH-PXZ	AW139	Nationale Politie	ZXP26
22.PH-HCF	Cabri G2	HeliCentre	
24.PH-HCF	Cabri G2	HeliCentre	
25.N13FY	AT-6A	Hanno Wesdorp	
N9912H	B75N-1	Flying Circus – Hans Nordsiek	26
OO-FSV	DA62	Degroote Trucks & Trailers	
28.OE-XXV	R44	Heli & Co	
29.PH-PBA	DC-3C	Dutch Dakota Association	*
PH-PBY	PBY-5A	Stichting Exploitatie Catalina	*

The Dutch Catalina overflew Lelystad for the last time on the 29th while on its delivery flight to the USA.

Credit: Texel Airport.

Twente

June 2019			
02.PH-HGT	Ce680+	Exxaero	13 XRO305/267
PH-LAU	Falcon 900EX	Exxaero	XRO119
PH-MDG	Ce680+	Exxaero	11 XRO138/063
06.CS-PHB	EMB505	NetJets Europe	NJE653Y/217U
D-CHIP	Ce525	E-Aviation	EFD3P
09.PH-MMT	EC135P2+	ANWB – MAA	Lifeline4
11.CS-DXJ	Ce560XLS	NetJets Europe	12 NJE519K/442Q
13.OO-CLA	Ce525C	Luxaviation Belgium	AAB337
15.CS-PHD	EMB505	NetJets Europe	16 NJE145K/089L
16.PH-MDG	Ce680+	Exxaero	17 XRO063/339
18.PH-MDG	Ce680+	Exxaero	19 XRO339/358
19.CS-DXJ	Ce560XLS	NetJets Europe	NJE573E/022A
CS-PHA	EMB505	NetJets Europe	NJE990Y/962N
PH-MDG	Ce680+	Exxaero	23 XRO358
20.CS-PHJ	EMB505	NetJets Europe	21 NJE443G/486W
22.D-IMVC	Beech B200	Star Wings Dortmund	STQ99B
23.PH-HGT	Ce680+	Exxaero	24 XRO315/381
25.CS-PHD	EMB505	NetJets Europe	NJE439R/817F
D-IFHD	Ce525 (M2)	E-Aviation	EFD2D
D-IMRB	Beech C90GTI	E-Aviation	EFD1B
PH-HGT	Ce680+	Exxaero	XRO377/357
26.CS-DXZ	Ce560XLS	NetJets Europe	NJE727L/621P
PH-HGT	Ce680+	Exxaero	27 XRO357/268
28.PH-HGT	Ce680+	Exxaero	01 XRO268/117

Credit: EHTW spotters.

Flamingo (Bonaire, Dutch Caribbean)

June 2019			
01.HK-4973	EMB120RT	SARPA	02
N31ZV	Lj31A	Ezair International	30

02. N304QS	EMB505	NetJets	03	N8001N	08	N9010R	28
03. PJ-IKA	PA-31-325		f/v 30	N8009T	12	N9011P	17, 26
05. XB-DDM	BAe125-731		11	N8027D	07	N9021H	01, 19
07. HI1017	Beech 1900D	Sky High Aviation		N8030F	22	N9029F	15
N403D	PA-31-325	Winstar Aviation	15	N8031M	21	N93003	29
P4-CFV	PA-31			<u>Aruba Airlines:</u>			
08. HK-4973	EMB120RT	SARPA	09	C-FXLH	01, 18, 20, 22, 23, 25, 27, 29, 30		
09. P4-CFV	PA-31			P4-AAD	02, 04, 06, 08, 09, 11, 13, 15, 16		
11. N769QS	CL-350	NetJets		<u>Delta:</u>			
P4-CFV	PA-31			N550NW	15	N830DN	16
13. F-OSBE	PC-12/47E	St. Barth Executive		N674DL	22	N912DU	02
14. HI1017	Beech 1900D	Sky High Aviation		N678DL	29	N915DU	09
15. HK-4973	EMB120RT	SARPA	16	N699DL	01	N929DZ	23
20. N1863H	PA-34-200T	Air South	30	N822DN	30	N6706Q	08
PH-FBH	AW139	DCCG		<u>TUI Airlines:</u>			
21. HI1007	Beech 1900D	Sky High Aviation		PH-OYI	04, 06	PH-TFL	08, 14, 20, 22, 25, 27, 29
N297TX	BAe125-900EX	Playa Grande Marriott		PH-TFK	07, 18	PH-TFM	01, 11, 13, 15, 21, 28
N799MW	Sabre 65			<u>United:</u>			
22. HK-4973	EMB120RT	SARPA	23	N12216	22	N76502	08
24. PH-FBH	AW139	DCCG		N13227	08 ²	N77258	01 ² , 29
25. HK-4973	EMB120RT	SARPA	26	N17245	22 ²	N77261	29 ²
N26BN	BN-2B-60	Britten-Norman		N35271	15	N77542	01
26. PH-FBH	AW139	DCCG		Left out were KLM, Divi Divi Air (BN2) and EZ Air (BN2) unless operating on a non-scheduled flight.			
27. N1093Z	Beech B200	Group B-200		The Piper on the 3rd visited often before as N350PB but now turned up with a new Caribbean registration. The rest of the month was very quiet with not even any Venezuelans. Only highlight was the Sabre on the 21st from Fort Lauderdale and to Tri-Cities Regional airport, a type not seen for a very long time.			
N876RA	Ce560XL	Parminter Investments	28	<u>Credit:</u> Danny de Kiewit.			
28. HI1007	Beech 1900D	Sky High Aviation	30				
29. HK-4973	EMB120RT	SARPA					
<u>Air Antilles Express:</u>							
F-OIXD	06-08, 09 ² , 16 ² , 19 ² , 26 ² , 30						
F-OIXH	01 ² , 07 ² , 15 ² , 18 ² , 20 ² , 23 ² , 29 ²						
F-OIXO	02 ² , 08 ² , 11 ² , 14 ² , 21 ² , 27 ²						
F-OMYM	12- ² , 13 ² , 25 ²						
F-OMYN	04 ² , 05 ² , 22 ²						
<u>American:</u>							
N3014R	14	N9004F	10				
N5007E	05	N9008U	03				



This Austrian chopper is on loan by the German Johanniter organisation. It was replacing the Johanniter AS365 they normally fly. OE-XII is owned by the Heli Austria Goup and operated by Heli Tyrol. (Enschede hospital, 28 June 2019, Rene Liebe)

Movements Belgium



A recent addition to the Czech register is PC-12 OK-HFH. It is being operated by T-air. (Antwerp, 11 June 2019, Walter Van Brempt)

Antwerp

			June 2019			
01.N500J	G550	Johnson & Johnson	02	10.N263CP	EC120B	APC
N700HM	Global 5000	Harbert Aviation	f/v 07	OO-ACO	Ce510	Air Service Liège
N727QS	CL-350	NetJets	f/v	PH-MYX	Ce650	JetNetherlands
OK-PCC	PC-12/47E	T-Air	02	PH-TXA	Ce510	ASL
OK-PMP	PC-12/47E	T-Air		11.ST46	SF260D	CC Air
OO-PCN	PC-12/47E	EAPC		D-CHIC	EMB505	Air Hamburg
02.9H-VCE	CL-350	VistaJet Malta		D-ICBA	Ce525A	Proair Aviation
CS-LTH	Ce680A	NetJets Europe	03	F-GPJD	Beech E90	Arkata Aviation
EC-KJR	Ce551	Nordjet	f/v	F-HJBR	EMB505	CASAM
G-CMBC	Ce550 Bravo	Xclusive Jet Charter	f/v	OK-HFH	PC-12/47E	T-Air
N54556	DH-82A	Appair	f/v dep	OO-HSA	AS355N	Heli Service Belgium
OO-ACC	Ce525A	Air Service Liège	04	OO-PCN	PC-12/47E	EAPC
OO-PCN	PC-12/47E	EAPC		OO-STR	AS350B3	Stephex Stables
OO-STR	AS350B3	Stephex Stables		PH-TXA	Ce510	ASL
PH-TLP	Falcon 7X	Flying Group		12.D-CHZF	Ce550 Bravo	Stuttgarter Flugdienst
PH-TXA	Ce510	ASL	04	D-FABS	PC-12/47E	Schumacher Packaging
T7-FOZ	Ce525 (M2)	Open Sky Aviation		D-IEAH	Beech C90A	Fuchs & Partner
03.D-CQAA	Lj45	Quick Air Jet Charter		D-IKIM	Beech C90B	Kimmerlee Gewerbebau
F-GFDA	Falcon 2000S	Dassault Aviation	f/v 04	F-GPJD	Beech E90	Arkata Aviation
I-VICC	P68B	Aeronike	06	N900FZ	TBM-900	Redwood
PH-MFA	DA42NG	Martinair Lelystad	f/v	OO-GEE	PC-12/47E	Blue Sky Aviation
04.F-GFDA	Falcon 2000S	Dassault Aviation		OO-HSA	AS355N	Heli Service Belgium
I-GAUS	P68		07	OO-STR	AS350B3	Stephex Stables
OO-NEY	EMB545	Air Service Liège		13.CS-DXI	Ce560XLS	NetJets Europe
PH-TXA	Ce510	ASL	06	CS-GLD	Global Express	NetJets Europe
05.D-CAWX	Ce680+	Aerowest Flugcharter		D-ICBA	Ce525A	Proair Aviation
G-HBJT	EC155B1	Starspeed		F-GPJD	Beech E90	Arkata Aviation
OO-STR	AS350B3	Stephex Stables		OO-HSA	AS355N	Heli Service Belgium
PH-DWS	ERJ135LR	Air Charters Europe		OO-NLT	PC-12/47E	Aercon
06.CS-LTG	Ce680A	NetJets Europe	07	14.ST41	SF260D	CC Air
F-GJFA	Beech B200	Aero Sotravia	09	D-HBWH	Bo105S	Air Lloyd
HB-VVV	PC-24	Pilatus		D-IEAH	Beech C90A	Fuchs & Partner
N717RD	Ce208B		arr	Ce525	Europjets	
OO-STR	AS350B3	Stephex Stables		SA226TC	Flightline	
OO-STR	AS350B3	Stephex Stables		Beech E90	Arkata Aviation	tst
PH-BBJ	Ce560XLS+	Air Service Liège	f/v 07	Beech 300LW	A. Ruijgrok	17
07.D-CNOC	Ce560XLS	Atlas Air Service	08	PA-46-350P	Boggi Switzerland	16
D-IRWR	Ce525	Europjets		SC.7	Pink Aviation	
F-GJFA	Beech B200	Aero Sotravia	tst	Ce525A	Air Service Liège	
F-GLTK	Ce550	Alsair		Ce510	Air Service Liège	15
OO-ACO	Ce510	Air Service Liège	08	AS355N	Heli Service Belgium	tst
OO-GEE	PC-12/47E	Blue Sky Aviation		Bell 206B	RDN	
OO-GEE	PC-12/47E	Blue Sky Aviation	13	DA42NG	Martinair Lelystad	KLM7910
PH-TSN	DA42	Twin Star Netherlands		Beech E90	Arkata Aviation	tst
08.CS-TQU	B737-8K2	TUI Netherlands	09 TFL61F/62F	Ce510	Air Service Liège	17
F-GJFA	Beech B200	Aero Sotravia	tst	Ce525	Air Service Liège	16
OO-KBT	Bell 206L	Airborne		R44	J & G	
09.N284SE	G280	Sea Air	20	Ce560XLS	NetJets Europe	
OE-GBD	IAI1125SPX	Tyrol Air Ambulance		EMB545	Atlas Air Service	
OO-HSA	AS355N	Heli Service Belgium	12	Ce525A	Atlas Air Service	
OO-IDE	Ce525	Air Service Liège	15	Ce560XL	Glock Aviation	f/v
OO-STR	AS350B3	Stephex Stables		AS355N	Heli Service Belgium	23
PH-DWS	ERJ135LR	Air Charters Europe	11	Ce560XLS+	Air Service Liège	17
PH-MYX	Ce650	JetNetherlands	10	EMB500	Luxwing	
PH-TXA	Ce510	ASL	10	Falcon 50EX	European Air Transport	f/v 27
				Bo105S	Air Lloyd	
				Lj45	Luxembourg Air Ambulance	18
				OE-FZC	GlobeAir	

OK-PCC	PC-12/47E	T-Air	18	F-GPJD	Beech E90	Arkata Aviation	tst
OO-VMF	Ce560XLS+	Air Service Liège	18	HB-IGV	Falcon 50EX	VF International	
PH-MYX	Ce650	JetNetherlands	19	HB-TEN	Ce208B	Swiss Flight Services	tst
PH-TXA	Ce510	ASL	18	I-CRFX	ERJ135BJ	Sirio	
18.ST46	SF260D	CC Air		OO-IDE	Ce525	Air Service Liège	
2-COOK	PA-46-500TP	William Cook Aviation	f/v	PH-MFA	DA42NG	Martinair Lelystad	
D-INDC	DA62	N. Claeve	f/v	T7-WZZ	G200	AIM Aviation	f/v tst
EC-JIP	SA226TC	Flightline	19	27.D-CAAL	Do228-202	Arcus Air	
M-ARTY	PC-12/47E	Creston (UK)		D-CANG	Ce560XLS+	Air Hamburg	
OO-HEY	R44	MMR Group	19 2x	F-HBDX	EMB505	Jetkey Invest	
OO-IDE	Ce525	Air Service Liège	21	HB-IGV	Falcon 50EX	VF International	
OO-MJM	SV-4E	J. de Naeyer		HB-TEN	Ce208B	Swiss Flight Services	tst
PH-TXA	Ce510	ASL	19	M-INTY	G280	Hampshire Aviation	28
19.ST41	SF260D	CC Air		OO-PCK	PC-12/47E	EAPC	
D-IWPS	Ce525	Schneider	20	PH-TSN	DA42	Twin Star Netherlands	
EC-JIP	SA226TC	Flightline	20	T7-WZZ	G200	AIM Aviation	dep
F-HJCD	Falcon 2000LXS	J.C. Decaux		28.D-AFUN	ERJ135BJ	Air Hamburg	29
OO-HCP	R44	Heli & Co	20	D-CQAB	Lj45	Quick Air Jet Service	
OO-HEY	R44	MMR Group		D-ISAG	Raytheon 390	Peak Air	f/v
OO-HSA	AS355N	Heli Service Belgium	tst	F-GJFE	Beech B200	Aero Sotraviva	30
20.G-SOVB	Lj45	Zenith Aviation	f/v	HB-TEN	Ce208B	Swiss Flight Services	tst
I-VICC	P68B	Aeronike	27	N771BA	RC690B	Space Imaging Middle East	arr
OO-GWB	SV-4B	Brussels Aviation School		OY-NPF	SA227DC	North Flying	29
OO-STR	AS350B3	Stephex Stables		29.D-ISAG	Raytheon 390	Peak Air	
PH-MYX	Ce650	JetNetherlands	21	D-IVIP	Beech B200	VHM Schul- und Charterflug	
YU-BST	Ce525	Eagle Express	23	F-GPJD	Beech E90	Arkata Aviation	tst
21.CS-LTK	Ce680A	NetJets Europe	f/v	G-SOVB	Lj45	Zenith Aviation	
F-GPJD	Beech E90	Arkata Aviation	30	I-GAUS	P68		05
G-AOJR	DHC-1	G. Caubergs & N. Mariën		LX-JFH	PC-12/45	Jetfly Aviation	
LX-JFB	PC-12/47E	Jetfly Aviation	23	M-ARTY	PC-12/47E	Creston (UK)	30
LX-JFR	PC-12/47E	Jetfly Aviation	f/v	OK-PTV	Ce510	Aerpartner	f/v 30
OO-ATO	Cabri G2	Diatrans	f/v	30.N425HB	Ce425	SPS Europe	
OO-HSA	AS355N	Heli Service Belgium	tst	OO-GEE	PC-12/47E	Blue Sky Aviation	
OO-JOE	R44	J & G	24	OO-NEY	EMB545	Air Service Liège	01
OO-SVG	SV.4B	J. de Block					
22.CS-EFF	Ce560XLS+	Masterjet	f/v				
D-IEMO	Raytheon 390	Pro Jet	f/v				
OO-HSA	AS355N	Heli Service Belgium	tst				
OO-IDE	Ce525	Air Service Liège	25				
PH-STB	Falcon 900C	Exxaero					
23.CS-CHE	CL-350	NetJets Europe					
D-IAAS	EMB500	Arcus Air	f/v 25				
F-GPJD	Beech E90	Arkata Aviation	tst				
F-HEMI	Ce525A	Valljet	f/v				
OO-ACC	Ce525A	Air Service Liège	25				
OO-GEE	PC-12/47E	Blue Sky Aviation	26				
OO-HSM	AS355F1	Heli Service Belgium	29				
PH-LAW	CeT310R	AFOC Germany	25				
YU-BST	Ce525	Eagle Express	28				
24.LX-SAB	Falcon 900DX	Global Jet Luxembourg	f/v				
N771BA	RC690B	Reni Aviation	28				
25.CS-DVS	EMB500	Valair	f/v				
D-FABS	PC-12/47E	Schumacher Packaging					
D-ITWO	PA-42-720	Air Alliance					
HB-TEN	Ce208B	Swiss Flight Services	29				
OO-ACC	Ce525A	Air Service Liège	27				
PH-LAW	CeT310R	AFOC Germany	28				
26.D-FAAA	PC-12/47E	IKA-Werke	f/v				
EC-GJM	SA227BC	Flightline	27				

Credits: ASA Belgium vzw, Luchtzak.be forum.

Brussels

June 2019

01.HS-KPI	G550	King Power International	arr
02.EC-JZL	A330-202	Air Europa	AEA1173/4
03.EC-KXN	B747-4H6	Wamos Air	JAF93P/193
	HB-FXC	PC-12/47E	TAG Aviation
	LZ-BVS	B737-3H4	Bul Air (a/w) LZB405/6
04.EC-KXN	B747-4H6	Wamos Air	05 JAF194/94P
	UR-ABA	A319-115X	Gov'tment of Ukraine 05 UKN1123/4
	Z3-MKD	Lj60	Government of Macedonia 05
05.016	C295M	8.BLTr (13.el)	dep
	165151	C-20G	CFLSW Det. Sig arr
	D-INKY	P180	AirGo
	HB-JIN	Falcon 900EX	Jet Aviation Business Jets arr
	LX-FDI	PC-12/47E	Jetfly Aviation dep
	M-AZIA	Ce525C	Mazia Investments
	N650VC	G650ER	Lockheed Martin Corp. Aircraft dep
	OK-UGJ	Ce680	Smartwings TVS63J/4J
06.D-FABS	PC-12/47E	PC-12/47E	Schumacher Packaging 07
	D-INKY	P180	AirGo 07
	EC-MQH	A320-214	Gowair TFL34J/JAF7085
	PH-HSB	B737-8K2	Transavia Airlines div TRA5674/76K



Global Express XRS N700HM was acquired by the Harbart Management Corporation in December 2011. The jet is registered to Harbart Global Aviation. (Antwerp, 1 June 2019, Walter Van Brempt)



This Boeing 737 was delivered to Maersk Air as a regular passenger aircraft in 1995. Via GB Airways and BMI Baby it ended up with Jet Time. At the end of 2017 the aircraft was withdrawn from use and refurbished with a brand new interior and new paint before being delivered to 2 Excel Aviation. Although it was temporarily registered to TAG Aviation UK, G-SWRD is one of two VIP aircraft the company currently owns. Both are officially listed on the website of Broadsword, one of the companies under the 2 Excel brand. (Brussels, 11 June 2019, Jochem Jottier)

PH-HXK	B737-800	Transavia Airlines	div TRA5760/70G	9H-TOO	Falcon 7X	Skyfirst	KFE438
07.17401	Falcon 50	Esq504		9H-VFJ	CL-605	VistaJet Malta	21 VJT516/001
T.18-4/45-43	Falcon 900B	451 Esc		CS-EFF	Ce560XLS+	Luxaviation Portugal	
9H-VFD	CL-605	NetJets Europe	08 VJT570	CS-LTL	Ce680A	NetJets Europe	NJE861Q/857B
F-HLRZ	EMB500	SD Aviation	arr	CS-PHG	EMB505	NetJets Europe	21 NJE277D/505B
F-HROG	P180	Oyonnair		CS-PHM	EMB505	NetJets Europe	NJE393G/109M
LX-JFE	PC-12/47E	Jetfly Aviation	dep	EC-LEB	Global XRS	TAG Aviation España	arr
LZ-BVS	B737-3H4	Bul Air (a/w)	LZB407/8	ES-PVR	Lj60	Panaviatic	arr
OE-FAT	Ce510	GlobeAir		F-GGGA	Ce550	Valljet	
OE-GXL	Ce560XL	Speedwings	09 SPG538/726	F-GSCR	Ce525B	Luxaviation France	
08.63-8043/AK	KC-135R	168th ARS	13 RCH160/240	F-HJFP	PC-12/47E	Getonejet	
9H-AHA	B737-505	Air X Charter	AXY813/8	LZ-AOB	A319-112	Government of Bulgaria	21 BGF004
10.CS-PHG	EMB505	NetJets Europe	11 NJE847F/531K	OH-WII	CL-604	Jetflite	arr
11.CS-PHG	EMB505	NetJets Europe	12 NJE229R/210P	OM-BYB	Fokker 100	Government of Slovakia	21 SSG2
G-SWRD	B737-3L9	2Excel Aviation	BRO37B	OY-VIP	Ce550	Benair	dep
12.9H-AMY	CL-850	Air X Charter	AXY1208/9	T7-FOZ	Ce525 (M2)	Open Sky Aviation	EES120B/C
13.9H-AMY	CL-850	Air X Charter	AXY1305/6	YR-IGP	ERJ135BJ	Toyo Aviation	arr
CS-LTL	Ce680A	NetJets Europe	NJE445C/583U	22.03-00016	UC-35B	2-228th AVN	arr
14.MM62169	P180E	28° Gruppo	15	9H-CGH	Falcon 50EX	Eliit'Avia Malta	
900528	C-26D	Naples AOD	arr	F-GOFX	Falcon 900B	Dassault Aviation	
D-CURT	Lj31A	Air Alliance Express	arr	F-HFCS	BAe125-900XP	Valljet	
D-IDAS	EMB500	Donau Air Service		LY-ELF	B737-36N	GetJet Airlines	f/v LOT7019/236
D-ISAG	Raytheon 390	Peak Air	16	M-TSRI	Beech C90GTx	Timpson	23
F-GOPE	Beech 1900D	Twin Jet	dep	OE-FHA	Ce510	GlobeAir	GAC450D/349E
F-GYPE	ERJ135LR	Pan Européenne Air Service		23.9H-JOY	CRJ200ER	Air X Charter	dep
HB-FWA	PC-12/47E	Schweizerische Eidgenossenschaft		9H-VFD	CL-605	VistaJet Malta	VJT570
LX-GVV	A319-115X	Global Jet Luxembourg	arr	D-ANSK	CRJ100LR	Global Reach Aviation	dep
LX-SEB	Ce525B	Jetfly Aviation	JFA63J/07E	D-1KBO	Ce525A	Silver Cloud Air	
M-ABJL	G650	Nomad Aviation	arr	LX-JFY	PC-12/47E	Jetfly Aviation	arr
N7600P	Falcon 900EX	SAS Institute	dep	OE-FAT	Ce510	GlobeAir	arr GAC207G
OY-JJB	Do328-310	JoinJet	SUS551/9151	24.OM-BYB	Fokker 100	Government of Slovakia	SSG4
15.G-SMLA	BAe146-200	JOTA Aviation		25.73-1676	E-4B-BN	1st ACCS	27 GRIM22
HB-FXC	PC-12/47E	TAG Aviation	16	OE-GXL	Ce560XL	Speedwings	SPG511
LX-GVV	A319-115X	Global Jet Luxembourg		26.9K-GEA	A319-115X	Government of Kuwait	KUG006
OE-GCH	Ce550 Bravo	Speedwings	arr	OM-BYC	Fokker 100	Government of Slovakia	SSG4B
17.2705	C-27J	Esc.902 Av.Tr.	arr ROF198	27.2581	VC-99B	GTE	dep
OE-FAT	Ce510	GlobeAir	dep GAC350P	09-001	G550	VIP Flt.	dep TUAF116
18.CS-LTH	Ce680A	NetJets Europe	NJE356F/398N	07-7181	C-17A	437th AW	dep RCH500
19.03-00016	UC-35B	2-228th AVN		D-BEKY	Falcon 2000LX	BASF	28
9H-VFJ	CL-605	VistaJet Malta	VJT1/516	D-BHGN	CL-350	Windrose Air	28 QGA847A/592G
CS-LTH	Ce680A	NetJets Europe	20 NJE968K/194Y	D-IEMO	Raytheon 390	Pro Jet	28
20.3085	A319-115X	241.dlt	arr CEF02	OE-FNP	Ce510	GlobeAir	GAC527N/416N
C-168	CL-604	Esk 721	arr	OM-BYB	Fokker 100	Government of Slovakia	28 SSG04
145-209	ERJ135LR	352 MMYP	arr	28.9H-AHA	B737-505	Air X Charter	29 AXY2808/2901
605	A319-112	MH 59. Sz.D. R	arr HUAF102	A7-HHK	A340-211	Government of Qatar	dep
258	Lj45	MATS	arr IRL258	CS-TQY	A340-313X	Hi Fly	arr HFY741P
08	C-27J	Transporto Esk	arr LYF277	D-CARO	Ce680	Aerowest Flugcharter	
MM62209	A319-115X	306° Gruppo TS	arr	D-CAWM	Ce560XLS+	Aerowest	
L1-01	Falcon 2000EX	Slovenian Air Force	arr LSV101	D-CSCE	EMB505	Luxaviation Germany	dep
ZE707	BAe146 CC2	32(TR)sq	arr	F-GPGK	Falcon 900	Sky Vision	arr
9H-JOY	CRJ200ER	Air X Charter	arr	F-HCIC	Ce525B	Airales	



This former Ukraine International Boeing 737 was acquired by GetJet Airlines in April 2019. The aircraft retained the basic colours of its previous operator. LY-ELF did received GetJet titles mid June 2019. (Brussels, 22 June 2019, Robert Eikelenboom)

HB-FXC	PC-12/47E	TAG Aviation	29
LX-JFR	PC-12/47E	Jetfly Aviation	
OE-FOA	Ce525A	Avcon Jet	dep
30.LZ-BVS	B737-3H4	Bul Air (a/w)	LZB407/8
OE-GXL	Ce560XL	Speedwings	SPG680
OM-BYA	A319-115X	Government of Slovakia	01 SSG2

Surprise visitor this month was the RAF Shadow on the 6th, making a short fuelstop.

Credits: Harry Agten, Mathias Bijmens, Toon Cox.

Koksijde

The two Transavia aircraft on the 6th were weather diversions from Amsterdam.

Credits: Luchtzak forum, planespotters@BRU Facebook group, Scramble forum.

Kleine Brogel

June 2019			
03.CE03	ERJ145LR	21sq	*
CH03	C-130H	20sq	*
04.CH01	C-130H	20sq	*
06.CH04	C-130H	20sq	*
ZZ419	Shadow R1+	14sq	*
07.S-454	AS532U2	300sq	*
11.ST44	SF260D	CC Air (grey c/s)	*
12.46+07	Tornado IDS(T)	TLG33	*
13.CH11	C-130H	20sq (special c/s)	*
14.ST41	SF260D	CC Air (grey c/s)	*
20.01-0029	C-37A	76th AS	*
21.H21	A109BA	17sq/1w	*
H26	A109BA	17sq/1w	*
H31	A109BA	17sq/1w	*
FA121	F-16AM	2w	*
90-26300	UH-60L	A/2-1st AVN	28
24.10-0219	C-17A	62nd AW	25
27.10-0219	C-17A	62nd AW	*
28.1x	SF260D	CC Air (grey c/s)	*

June 2019			
03.1x	F-16BM	10w/OCU	*
FA107	F-16AM	10w	*
FA124	F-16AM	10w (D-day mks)	*
FA127	F-16AM	10w	*
FA134	F-16AM	10w	*
274	B-Hunter	80UAVsq	*
06.FA95	F-16AM	10w	*
FB23	F-16BM	10w/OCU	*
H27	A109BA	17sq/1w	*
H45	A109BA	17sq/1w	*
07.FA101	F-16AM	2w (demo c/s)	*
FA114	F-16AM	10w	*
FB14	F-16BM	10w/OCU	*
11.FA95	F-16AM	10w	*
12.H03	A109BA	1w i/a	13
13.1x	B-Hunter	80UAVsq	*
14.90-26266	UH-60L	A/2-1st AVN	*
16-08198	CH-47F	B/2-1st AVN	*
17.FA104	F-16AM	10w	*
FA124	F-16AM	10w (D-day mks)	*
ZH542	Sea King HAR3A	40sq (22sq/A Flight c/s)	dep
18.FA70	F-16AM	2w	*
ST41	SF260D	CC Air	*
19.FA69	F-16AM	10w	*
FA116	F-16AM	10w (NTM19 mks)	*
FA127	F-16AM	10w	*
FA136	F-16AM	10w	*



Although military aircraft regularly visit Brussels, a visiting Stratotanker is quite rare. KC-135R 63-8043 spend just shy of a week at the airport. The aircraft is being operated by the 168th ARS. (Brussels, 12 June 2019, Yannick van Praag)

20.FA56	F-16AM	10w	*	OE-FNP	Ce510	GlobeAir	GAC545X/855K
FA69	F-16AM	10w	*	23.9H-FAM	EMB500	Luxwing	
FA95	F-16AM	10w	*	D-IMCJ	Ce525	Heron Aviation	HRN121
FA102	F-16AM	10w	*	N267CB	Beech B200	Fargo Jet Center	24
FB24	F-16BM	10w/OCU (spec mks)	*	N6111V	Beech C90B	Fargo Jet Center	24
21.FA56	F-16AM	10w	*	OK-ESC	Beech 400XT	Time Air	dep
FA104	F-16AM	10w	3x *	UR-74026	An-74TK-200	Motor-Sich	
FA124	F-16AM	10w (D-day mks)	2x *	25.UR-82008	An-124-100	Antonov Des. Bur. 26 ADB341F/2772	
FA127	F-16AM	10w	*	26.N208CN	Ce208B	Textron	27
FA134	F-16AM	10w	*	27.702	AW139	460 MED	tst
ST44	SF260D	CC Air	*	279	AW139	301sq	arr
24.FA107	F-16AM	10w	2x *	PH-MFA	DA42NG	Martinair Lelystad	KLM7910, 7908
FA124	F-16AM	10w (D-Day mks)	*	28.LY-JMS	B737-522	KlasJet	29 KLJ6007/5
25.1x	B-Hunter	80UAVsq		29.UR-74026	An-74TK-200	Motor-Sich	
FA56	F-16AM	10w	*	30.A7-HJJ	A330-202	Government of Qatar	QAF5
FA72	F-16AM	2w	2x *				
26.H31	A109BA	17sq/1w					
27.ST44	SF260D	CC Air	*				
279	AW139	301sq	*				
28.FA69	F-16AM	10w	*				
FA127	F-16AM	10w	*				
FB15	F-16BM	10w/OCU	*				
H24	A109BA	17sq/1w (Demo mks)	*				
ST41	SF260D	CC Air	2x *				

The A109 on 12 June was an instructional airframe from the Bierset fire departement used for similar training purposes.



In November 2018 we published a photo of this Cyprus Air Force AW139. Recently helicopter 702 has been repainted giving us an excuse to publish a photo again while visiting Leonardo facility at the airport. (Liège, 27 June 2019, Hervé Campsteyn)

On the 17th another road runner was seen, this time the yellow Sea King ZH542 purchased in November 2015 as additional spare parts provider for the 40sq Sea King-fleet. With the withdrawal of the Sea Kings from active duty the need to keep this frame around dropped and the hull was sold to a scrapper and the frame departed on a flatbed.

Credits: Wim Houquet, Mike Derijcke, Filip Candaele, Christopher Noens, Niels De Ruyck, Ruben Theuninck, Kenny Plaetevoet, Davy Lucidarme.

Liège

				June 2019
01.UR-74026	An-74TK-200	Motor-Sich		dep
06.LN-ORB	AW169	Politi		
PP-BLO	ERJ135BJ	Hahn Participacoes Eireli		09
UP-CJ014	CL-850	Fly Jet		arr FJK1255
VQ-BFS	B737-83N(F)	Atran		f/v VAS8205
14.D-IMCJ	Ce525	Heron Aviation		HRN121
PH-HRK	P180	JetNetherlands		
UR-CJN	An-12B	Cavok Air		arr CVK7019
18.UR-CGW	An-12BP	Ukraine Air Alliance		arr
20.9H-FAM	EMB500	Luxwing		
F-GZTA	B737-33V(QC)	ASL Airlines France		dep
F-HRAP	ERJ145LI	Regourd Aviation		arr

Ostend-Bruges

				June 2019
01.D-IGWT	Ce525A	Sylt Air		02 AWU701G/702G
N228BS	SF50	Caretek Aviation		04
OK-PTT	PC-12/47E	Air Bohemia		
OO-PAR	Ce525B	Luxaviation Belgium		02 AAB280/321
VP-BQG	B737-8MC	Pobeda		PBD903/904
02.D-CHRE	Ce680	Hahn Air		HHN40E
ER-BAM	B747-409(F)	Aerotrans Cargo		07 ATG2280/1
M-CLAB	CL-300	Shamrock Trading		
N33VM	PA-46-350P			18
03.9H-JDV	Ce525 (M2)	NextGen Aviation (Malta)		dep
9H-JDV	Ce525 (M2)	NextGen Aviation (Malta)		06
OO-CFW	PC-12/7E	NextGen Aviation		dep
04.G-OUEG	Global 6000	Catreus		VCG1UG
OO-CFW	PC-12/47E	NextGen Aviation		05
OO-SSB	A319-111	Brussels Airlines		BEL9951/9952
VP-BPT	B737-8AL	Pobeda		PBD903/904
05.9H-BFH	Eclipse 550	BFH Baden-Charter		
06.C-FNFO	Bell 429	Bell Helicopter Textron Canada		
LX-RSQ	LJ45XR	Luxembourg Air Rescue		07
N416EL	G-IV	Pegasus Elite Aviation		PEG16
OO-CFW	PC-12/47E	NextGen Aviation		
PT-BYZ	CL-350	Athenas Participacoes		14

07.D-CEIS	Ce680	E-Aviation	EFD006	16.N557ML	PA-46-350P		dep
HB-LZC	Ce340A	HS-Air	08	PH-DWS	ERJ135LR	JetNetherlands	JNL767
HB-LZZ	Ce340A	Christoph Schenk	08	17.EJ-CORE	ERJ135BJ	GainJet Ireland	GJI65R
HB-TCS	CeP210N	Stefan Harangozó	08	18.ZJ957/Z	Puma HC2	Benson Pool	
M-CLAB	CL-300	Axa Jet	12	CS-DLH	Falcon 2000EX	NetJets Europe	NJE101
N52PP	Ce340A	Remsa Air	08	N33VM	PA-46-350P		23
08.9H-JDV	Ce525 (M2)	NextGen Aviation (Malta)		OY-JJB	Do328-310	JoinJet	SUS551A/B
9H-VCF	CL-350	VistaJet Malta	09 VJT401	VQ-BWI	B737-8LJ	Pobeda	PBD903/904
OO-GHE	Falcon 2000EX	Luxaviation Belgium	12	19.9H-JDV	Ce525 (M2)	NextGen Aviation (Malta)	20
OO-SKY	Ce525A	Luxaviation Belgium		ER-JAI	B747-412(F)	Aerotrans Cargo	20 ATG4419/20
VQ-BTJ	B737-8LJ	Pobeda	PBD903/904	OE-IJH	A320-214	easyJet Europe div	EJU821D/9047
09.15-08467	CH-47F	2-1st AVN		21.9H-JDV	Ce525M2	NextGen Aviation (Malta)	24
90-26300	UH-60L	2-1st AVN		HB-TCS	CeP210N	Stefan Harangozó	
9H-VCL	CL-350	Vista Jet		22.N33VM	PA-46-350P		tst
OO-SCT	Ce525C	Luxaviation Belgium	arr	N950X	Falcon 7X	TP Aviation	23
10.9H-JDV	Ce525M2	NextGen Aviation (Malta)	11	VP-BQM	B737-8MC	Pobeda	PBD903/904
CS-DXW	Ce560XLS	NetJets Europe	11 NJE583E	23.UR-82073	An-124-100	Ant. Des. Bur.	27 ADB335F/271F
D-CEIS	Ce680	E-Aviation	EFD6S	24.9H-JDV	Ce525 (M2)	NextGen Aviation (Malta)	
D-EFCH	PA-46-310P			D-ASBG	Falcon 900EX	Airservices Bremgarten	
N45WF	PA-46-350P	Hexaconseil		OO-CFW	PC-12/47E	NextGen Aviation	
OO-LMS	Falcon 900LX	Luxaviation Belgium	11 - /AAB289	25.VP-BPU	B737-8AL	Pobeda	PBD903/904
11.G-ASJV	Spitfire Mk.IX	OFMC	*	26.9H-ILV	CL-850	VistaJet Malta	VJT624
G-IBSY	Spitfire Mk.Vc	Anglia Restorations	*	9H-JDV	Ce525 (M2)	NextGen Aviation (Malta)	
G-TFSI	TF-51D	Anglia Restorations	*	M-CLAB	CL-300	Shamrock Trading	29
G-THUN	P-47D	Fighter Aviation Engineering	*	27.D-ASBG	Falcon 900EX	Airservices Bremgarten	
G-UJET	Lj45XR	Capital Air Ambulance	EGL505	OO-CFW	PC-12/47E	NextGen Aviation	28
N434EE	EMB545	Embraer Executive Aircraft		28.D-IBET	Ce525	ProAir	30
OO-CLA	Ce525C	Luxaviation Belgium	12	T7-FOZ	Ce525 (M2)	Open Sky Aviation	30
OO-FPE	Ce525B	Flying Group	FYG201	29.9H-VCE	CL-350	VistaJet Malta	30 VJT474
OO-NSN	AW139	Noordzee Helik.Vlaanderen	NHX21	HB-VPR	EMB505	Family Airline	
OO-PMK	TBM-850	Zoutman	arr	N120HH	Bell 407		
OO-SKY	Ce525A	Luxaviation Belgium	13	OO-CFW	PC-12/47E	NextGen Aviation	
OY-EVO	Ce550	Flexflight	12 FXT211/2	30.HB-VPR	EMB505	Family Airline	
PH-BGG	B737-7K2	KLM	tst KLM9865/6	RA-02543	Bo105CBS4		02
PH-DWS	ERJ135LR	Air Charters Europe	12 JNL877/676				
VQ-BWH	B737-8LJ	Pobeda	PBD903/904				
12.9H-JDV	Ce525 (M2)	NextGen Aviation (Malta)					
N550WW	G550	Niagara Bottling	14				
OO-CFW	PC-12/47E	NextGen Aviation	13				
OO-GHE	Falcon 2000EX	Luxaviation Belgium	16 - /AAB204				
OO-LMS	Falcon 900LX	Luxaviation Belgium	13				
PH-HHJ	AS355F2	Heli Holland Holding	13				
13.EI-LEO	Ce750	Gainjet Ireland	del				
OO-ACC	Ce525A	Air Service Liège	dep				
OO-ACC	Ce525A	Air Service Liège	14				
OO-GEE	PC-12/47E	Blue Sky Aviation	14				
OO-KOR	Ce525A	Luxaviation Belgium	14				
OO-NEY	EMB-545	Air Service Liège					
14.16-08198	CH-47F	2-1st AVN					
90-26266	UH-60L	2-1st AVN					
OO-CFW	PC-12/47E	NextGen Aviation					
OO-GEE	PC-12/47E	Blue Sky Aviation	23				
OO-KOR	Ce525A	Luxaviation Belgium	16				
15.EC-JIP	SA226TC	Flightline	FTL1A/1B				
N2673D	Ce340A	Kees Meijer - Meijer Beheer					
VQ-BQJ	B737-8LJ	Pobeda	PBD903/904				

EgyptAir Cargo:

SU-GAS 02, 10, 14, 16, 23, 30
 SU-GCE 04, 09, 11, 12, 13, 19, 25
 SU-GCJ 06, 11, 13, 14, 15, 16, 17, 18, 19, 20, 27

TUI Belgium:

OO-JAA 19-22 daily
 OO-JAF 21-30 daily
 OO-JAQ 12-29 daily
 OO-JAX 12
 OO-JVA 10, 24
 OO-TEA 03, 17
 OO-TNB 04², 05², 06², 29
 OO-TNC 01-08, 26
 OO-TUP 29, 30
 OO-TUV 07-15, 28-30 daily
 OO-TUX 01-21 daily

KLM operated a training flight on the 11th. The four WWII aircraft on that same day overflew the airport. The AW139 on the 11th is usually based at Norwich. It operated two local flights before departing back to its UK base. On the 13th the Gainjet Ireland Cessna was delivered to ASL. The bizjet has been reregistered to PH-NNX. The easyjet on the 19th was a Lille diversion.

Credits: Replo.be, Nik Deblauwe, Andre Deblauwe.



This Challenger CL-350 was delivered late 2017 to a company called Athenas Participações and registered PT-BYZ. (Ostend, 7 June 2019, Andre Deblauwe)

Military Movements Elsewhere



In the first week of June Paris-Le Bourget was graced with various visits of this US Coast Guard HC-130J 2003. In the second week the visits continued as René Verschuur found out on 9 June 2019. The Hercules departed to St. John's (Newf.) the following day.

Germany

				1962	C-27J	Slovak AF	SQF012
Geilenkirchen			May 2019	84-0085	C-21A	76th AS	Falcon01
03.CH01	C-130H	20sq	* BAF677	01-0076	C-37A	76th AS	Spar80
06.D-CFME	Beech 350	FCS	* FCK311				June 2019
F-HRAV	ERJ145LU	Aero4M	TAY738/TAY5014	03.30+99	EF2000T	TLG31	* Shock52
OE-IAQ	B737-4MO	ASL Airl. Belg. (FedEx c/s)	TAY502	31+04	EF2000	TLG31	* Smash61
08.62-3506	KC-135R	117th ARS KS ANG	dep RCH534	31+18	EF2000	TLG31	* Pack51
09.59-1507	KC-135R	117th ARS KS ANG	22 RCH455/622	F-HRAP	ERJ145LR	Aero4M	TAY767/5121
84-00165	C-12U-3	1-214th AVN	Duke64	OE-IMC	B737-83N	ASL Airlines Belgium	TAY502/5017
10.57-1141	KC-135R	174th ARS IA ANG	dep RCH439	04.50+40	C-160D	LTG63	* GAF236
57-2506	KC-135R	174th ARS IA ANG	dep RCH620	G-273	C-130H-30	336sq	* NAF73
84-00165	C-12U-3	1-214th AVN	* Duke64	05.59-1444	KC-135R	121st ARW OH ANG	19 RCH242/642
15-20743	UH-60M	1-214th AVN	Duke20	D-AOLH	Fokker 100	Avanti Air	TAY763
F-HRAP	ERJ145LR	Aero4M	TAY5014/613	F-HRAP	ERJ145LR	Aero4M	TAY5091/598
LY-KLJ	B737-524	Klasjet	KLJ1089/1090	07.D-AOLH	Fokker 100	Avanti Air	TAY5402
OO-TNP	B737-45D	ASL Airlines Belgium	TAY5015/501	12.54+26	A400M	LTG62	GAF036
13.59-1500	KC-135R	108th ARS IL ANG	17 RCH274	D-HEGF	AS332L	Bundespolizei	* BPO06
60-0358	KC-135R	108th ARS IL ANG	24 RCH564	13.44+29	Tornado IDS	TLG33	* GAFE41
D-HVBO	EC135T2+	Bundespolizei	* BPO21	14.D-AOLH	Fokker 100	Avanti Air	TAY5125/766
14.46+07	Tornado IDS	TLG33	* BU12T	OO-TNO	B737-49R	ASL Airlines	TAY5014/501
D-HEGL	AS332L	Bundespolizei	* BPO20	17.59-1450	KC-135R	197th ARS AZ ANG	28 RCH270
D-HVBO	EC135T2+	Bundespolizei	* BPO15	64-14829	KC-135R	197th ARS AZ ANG	28 RCH624
15.D-HVBI	EC135T2+	Bundespolizei	* BPO140	18.D-HSHD	EC120B	Bundespolizei	* BPO29
LY-KDT	B737-522	Klasjet	KLJ1058/1059	19.63-7993	KC-135R	121st ARW OH ANG	RCH645
20.61-0300	KC-135R	108th ARS IL ANG	24 RCH163	25.5152/61-PI	C-130H	ET02.061	OSY19T
D-HLTL	EC155B	Bundespolizei	* BPO13	27.84-00156	C-12U-3	1-214th AVN	* Duke59
D-HVBX	EC135T2+	Bundespolizei	* BPO24	S5-ACJ	ERJ145LR	Aero4M	28 TAY730/5015
OO-TNO	B737-49R	ASL Airlines	TAY502/5090	28.44+72	Tornado IDS	TLG33	* BU14T
21.F-HRAM	ERJ145LU	Aero4M	TAY5099/757V	D-HEGM	AS332L	Bundespolizei	* BPO24
22.D-HEGL	AS332L	Bundespolizei	* BPO17				
23.016	C295M	13.eltr	24 PLF043	<u>Credits:</u> Rolf Flinzner, Scramble messageboard.			
022	C295M	13.eltr	24 PLF038	Nürnberg			June 2019
D-HLTL	EC155B	Bundespolizei	* BPO06	03.54+04	A400M	LTG62	GAF003
D-HVBX	EC155B	Bundespolizei	* BPO24	54+14	A400M	LTG62	GAF304
F-HRAM	ERJ145LU	Aero4M	TAY5014/508	MM62158/EI-103Do228-212		28° Gruppo Sqd AVES	IEI2801
24.F-HRAM	ERJ145LU	Aero4M	TAY5099/757V	84-00165	C-12U-3	E/1-214th AVN	Duke80
27.D-HEGY	AS332L	Bundespolizei	* BPO15	04.10-00260	C-12V	2-228th AVN	Duke62
28.S5-AJC	ERJ-145LU	Aero4M	TAY598	05.54+16	A400M	LTG62	GAF006
29.ST26	SF260M+	CC Air		84+52	CH-53GS	HSG64	*
ST30	SF260M+	CC Air		T-752	CL-604	LTDB	SUI752
08/BI	C-27J	Lithuanian AF	30 LYF277	09-72108	UH-72A	JMRC	* Army72108
T.18-2/45-41	Falcon 900B	Esc 451	AME4525	06.54+16	A400M	LTG62	GAF504
T.18-4/45-04	Falcon 900B	Esc 451	30 AME4520	54+20	A400M	LTG62	GAF078
30.165151	C-20G	CFLSW Det Sigonella	31 Catbird	10-00260	C-12V	2-228th AVN	Duke80
31.606	Falcon 7X	MH59.Sz.D.R.	HUAF571	07.54+20	A400M	LTG62	GAF078
MM62029	VC-50	306°Gr	IAM3169	08.MM62156/EI-101 Do228-212		28° Gruppo Sqd AVES	IEI2801
0220	M-28B/PT	8.Bltr	PLF112	11.73+54	UH-1D	WTD61	* Dixi03
				10-00260	C-12V	2-228th AVN	Duke83

13.3H-FC	PC-7	Lehrabteilung Fläche	ASF81B	02-01863	C-37A	USAPAT	03 PAT63
3H-FG	PC-7	Lehrabteilung Fläche	ASF81A	63-8872	KC-135R	132nd ARS ME ANG	03 RCH144
54+26	A400M	LTG62	* GAF418	03.84-0061	C-5M	436th AW	RCH426
10-00260	C-12V	2-228th AVN	Duke97	95-0104	C-17A	155th AS TN ANG	04 RCH140
97-00102	UC-35A	E/1-214th AVN	Duke24	05-5145	C-17A	729th AS AFRC	04 RCH440
14.84-00165	C-12U-3	E/1-214th AVN	Duke85	07-7183	C-17A	437th AW	04 RCH653
MM62157/EI-102	Do228-212	28° Gruppo Sqd AVES	IEI2857	900530	C-26D	AOD Sigonella	CNV6403
15.84-00165	C-12U-3	E/1-214th AVN	Duke85	96-1003	C-130H	109th AS MN ANG	05 Herky753/RCH437
97-00102	UC-35A	E/1-214th AVN	Duke24	96-1004	C-130H	109th AS MN ANG	dep Herky04
17.3H-FC	PC-7	Lehrabteilung Fläche	ASF81B	96-1004	C-130H	109th AS MN ANG	05 Herky04/RCH108
3H-FG	PC-7	Lehrabteilung Fläche	ASF81A	73-1676	E-4B	55th Wg	07 Grim99
31+09	EF-2000	TLG74		11-9355	E-11A	430th EECs	04 Velcro04
73+08	UH-1D	THR10	* Joker99	07-7012	U-28A	1st SOW	04 RCH1016
18.73+74	UH-1D	THR10	* Joker99	04.85-0005	C-5M	436th AW	12 RCH355/155
96-26707	UH-60L	A/2-1st AVN	Army26707	03-3115	C-17A	183rd AS MS ANG	06 RCH617
21.54+01	A400M	LTG62	GAF722	09-9211	C-17A	62nd AW	05 RCH417/447
23.84-00162	C-12U-3	E/1-214th AVN	Duke85	92-1532	C-130H	187th AS WYANG	07 RCH719/Herky04
97-00105	UC-35A	E/1-214th AVN	Duke36	94-7315	C-130H	731st AS AFRC	05 RCH559
24.54+22	A400M	LTG62	GAF194	94-7320	C-130H	731st AS AFRC	06 RCH558/Herky680
54+24	A400M	LTG62	GAF608	09-72108	UH-72A	JMRC	Army72108
84-00162	C-12U-3	E/1-214th AVN	Duke85	166359/BR-32	MH-60S	HSC-28	dep Dragon32
25.54+22	A400M	LTG62	GAF631	05.130607	CC-130J-30	436sq	CFC2584
06-8611/RS	C-130J-30	37th AS	Herky13	01-0188	C-17A	137th AS NY ANG	06 RCH248
07-8608/RS	C-130J-30	37th AS	Herky12	01-0193	C-17A	437th AW	06 RCH428/Bandage53
08-3176/RS	C-130J-30	37th AS	Herky14	04-4133	C-17A	305th AMW	08 RCH531/522
15-5822/RS	C-130J-30	37th AS	Herky11	05-5145	C-17A	729th AS AFRC	RCH440
10-00260	C-12V	2-228th AVN	Duke62	02-01863	C-37A	USAPAT	07 PAT63
16-08199	CH-47F	B/2-1st AVN	* Army08199	77-0351/OK	E-3G	552nd ACW	06 Brolly3
26.97-00102	UC-35A	E/1-214th AVN	Duke33	10-20276	UH-60M	A/1-214th AVN	* Duke78
97-00105	UC-35A	E/1-214th AVN	Duke87	09-72098	UH-72A	JMRC	Army72098
<u>Credits: MAR, Scramble messageboard.</u>				06.01-0188	C-17A	137th AS NY ANG	07 RCH248
Ramstein June 2019				02-1099	C-17A	758th AS AFRC	07 RCH328
01.87-0037	C-5M	337th AS AFRC	02 RCH484	03-3117	C-17A	183rd AS MS ANG	07 RCH232
95-0104	C-17A	155th AS TN ANG	02 RCH140	94-7320	C-130H	731st AS AFRC	13 Herky680/Swift52
99-0169	C-17A	437th AW	dep RCH659	77-0351/OK	E-3G	552nd ACW	07 Brolly3
03-3115	C-17A	183rd AS MS ANG	03 RCH925/617	16-08201	CH-47F	B/2-1stAVN	Army08201
03-3123	C-17A	167th AS WV ANG	03 RCH167	167112/BH	KC-130J	VMGR-252	09 Bronco40/38
06-6156	C-17A	60th AMW	dep RCH982	07.86-0021	C-5M	68th AS AFRC	08 RCH537
06-6156	C-17A	60th AMW	RCH982/438	01-0193	C-17A	437th AW	Bandage53/RCH428
06-6157	C-17A	60th AMW	dep RCH487	03-3124	C-17A	437th AW	08RCH402
10-0223	C-17A	437th AW	dep RCH387	06-6156	C-17A	60th AMW	08 RCH854/523
96-1003	C-130H	109th AS MN ANG	dep Herky758	08-8191	C-17A	437th AW	08 RCH184
96-1003	C-130H	109th AS MN ANG	03 Herky758/753	09-9211	C-17A	62nd AW	11 RCH447/623
02-01863	C-37A	USAPAT	PAT63	89-0282	MC-130H	1st SOW	13 RCH1014
02-0203	C-40C	201st AS DC ANG	dep Boxer43	92-1532	C-130H	187th AS WYANG	13 Herky04/Swift53
02.94-0065	C-17A	155th AS TN ANG	03 RCH164	59-1455/HH	KC-135R	203rd ARS HI ANG	09 RCH685
97-0048	C-17A	nn	05 RCH433/417	08.130607	CC-130J-30	436sq	CFC2584
99-0169	C-17A	437th AW	08 RCH739/521	15003	CC-150	437sq	CFC4170
00-0183	C-17A	156th AS NC ANG	04 RCH208	87-0043	C-5M	337th AS AFRC	09 RCH395
06-6156	C-17A	60th AMW	04 RCH438/854	79-1712	KC-10A	305th AMW	09 RCH175



Operating with Israeli Defence Force 120sq out of Nevatim is a small number of KC707 Re'em tanker transporters. Designated "the International Squadron" this classic B707 272 visited Cologne-Bonn on 2 June 2019. (Michiel van Herten)

02-1099	C-17A	758th AS AFRC	09 RCH328	63-8044	KC-135R	328th ARS AFRC	17 RCH272
03-3117	C-17A	183rd AS MS ANG	10 RCH232/233	15.02	C-17A	HAW	17 Bartok01
03-3124	C-17A	437th AW	09 RCH402	85-0001	C-5M	436th AW	16 RCH554
07-7189	C-17A	437th AW	09 RCH150	86-0020	C-5M	436th AW	16 RCH551
08-8191	C-17A	437th AW	10 RCH184/276	01-0189	C-17A	155th AS TN ANG	16 RCH345
17-5865	C-130J-30	317th AW	Herky91	03-3113	C-17A	183rd AS MS ANG	17 RCH312/919
09.92-3291	C-17A	155th AS TN ANG	10 RCH562	09-9205	C-17A	437th AW	RCH1815
07-7177	C-17A	436th AW	10 RCH488	02-8155	C-130J-30	815th AS AFRC	17 Swift12/11
09-9209	C-17A	62nd AW	10 RCH320/148	05-8152	C-130J-30	815th AS AFRC	17 Swift11/12
10.TK.10-06/31-51	KC-130H	Ala31	12 AME3194/3101	10-3026	C-146A	27th SOW	Medic3026/Snow72
84-0061	C-5M	436th AW	12 RCH560	12-0063	CV-22B	7th SOS	Croft82
00-0183	C-17A	156th AS NC ANG	11 RCH534	12-0064	CV-22B	7th SOS	Croft81
05-5153/HH	C-17A	535th AS HI ANG	13 RCH346/11	16.MM62189/46-55	C-130J-30	50°Gr TM	17 IAM4686
06-6162	C-17A	60th AMW	RCH102/162	90-0534	C-17A	437th AW	17 RCH309/301
94-6705	C-130H	158th AS GAANG	13 RCH107/Swift51	94-0069	C-17A	167th AS WV ANG	19 RCH260
02-8155	C-130J-30	815th AS AFRC	13 RCH801/Swift13	99-0169	C-17A	437th AW	18 RCH182
04-8153	C-130J-30	815th AS AFRC	13 RCH104/Swift11	03-3123	C-17A	167th AS WV ANG	20 RCH301/309
05-8152	C-130J-30	815th AS AFRC	13 RCH687/Swift12	08-8190	C-17A	437th AW	17 RCH213
59-1519	KC-135R	174th ARS IA ANG	11 RCH336	10-0215	C-17A	437th AW	17 RCH472
63-8872	KC-135R	132nd ARS ME ANG	11 RCH161	63-8872	KC-135R	132nd ARS ME ANG	17 RCH143
84-00156	C-12U-3	E/1-214th AVN	Duke77	10-3026	C-146A	27th SOW	Snow72
11.84-0060	C-5M	60th AMW	12 RCH110	166696	C-40A	VR-56	17 CNV6616
87-0028	C-5M	60th AMW	12 RCH138/155	17.01	C-17A	HAW	18 Bartok50
98-0057	C-17A	137th AS NY ANG	12 RCH442	87-0035	C-5M	436th AW	21 RCH136
00-0177	C-17A	137th AS NY ANG	12 RCH235	01-0189	C-17A	155th AS TN ANG	18 RCH345
03-3117	C-17A	183rd AS MS ANG	13 RCH233	07-7178	C-17A	305th AMW	18 RCH732
09-9205	C-17A	437th AW	12 RCH501	10-0215	C-17A	437th AW	18 RCH472
09-9211	C-17A	62nd AW	12 RCH623/779	58-0129	KC-135R	171st ARS MI ANG	20 RCH199
10-0215	C-17A	437th AW	12 RCH114	61-0288/D	KC-135R	351st ARS	18 Quid12
12-0063	CV-22B	7th SOS	Croft81	15-5173/HL	F-35A	4th FS	* Raft11
12-0064	CV-22B	7th SOS	Croft82	15-5183/HL	F-35A	4th FS	* Raft12
84-00162	C-12U-3	E/1-214th AVN	Duke85	15-5202/HL	F-35A	421st FS	* Sting11
10-00259	C-12V	2-228th AVN	Duke11	17-5245/LF	F-35A	56th FW	* Sting12
10-00260	C-12V	2-228th AVN	Duke83	17-5248/HL	F-35A	421st FS	* Mad01
03-00016	UC-35B	2-228th AVN	Duke95	17-5251/HL	F-35A	421st FS	* Mad02
15-08195	CH-47F	B/2-1st AVN	Army08195	166696	C-40A	VR-56	CNV6616
16-08200	CH-47F	B/2-1st AVN	Army08200	18.130608	CC-130J-30	436sq	23 Swift21/FCF2594
16-08466	CH-47F	B/2-1st AVN	Army08466	02	C-17A	HAW	21 Bartok01/51
169225/BH	KC-130J	VMGR-252	12 Otis88	05-5153/HH	C-17A	535th AS HI ANG	19 RCH11/94
12.130608	CC-130J-30	436sq	13 CFC2594/Swift21	06-6166	C-17A	436th AW	19 RCH662
144615	CC-144B	412sq	13 CFC3281	07-7178	C-17A	305th AMW	19 RCH732
02	C-17A	HAW	13 Bartok01	08-8199	C-17A	62nd AW	19 RCH12/389
MM62189/46-55	C-130J-30	50°Gr TM	13 IAM4683	91-9144	C-130H	nn	26 RCH473/Herky160
85-0005	C-5M	436th AW	15 RCH155	92-1532	C-130H	187th AS WY ANG	21 Swift53/RCH657
87-0028	C-5M	60th AMW	13 RCH155/138	94-6705	C-130H	158th AS GAANG	19 Swift52/Herky05
03-3123	C-17A	167th AS WV ANG	15 RCH301	94-7320	C-130H	731st AS AFRC	21 Swift51/RCH558
05-5142	C-17A	729th AS AFRC	RCH803	02-8155	C-130J-30	815th AS AFRC	19 Swift11
09-9211	C-17A	62nd AW	17 RCH779/290	04-8153	C-130J-30	815th AS AFRC	19 Swift13
10-0215	C-17A	437th AW	13 RCH114	05-8152	C-130J-30	815th AS AFRC	19 Swift12
05-0597	U-28A	1st SOW	13 RCH1018	61-0288/D	KC-135R	351st ARS	21 Quid12
900530	C-26D	AOD Sigonella	CNV6312	15-5183/HL	F-35A	4th FS	* Raft12
13.95-0104	C-17A	155th AS TN ANG	14 RCH933	15-5202/HL	F-35A	421st FS	* Raft11
98-0051/AK	C-17A	517th AS AK ANG	14 RCH146/388	17-5239/HL	F-35A	421st FS	* Sting02
99-0169	C-17A	437th AW	14 RCH182	17-5245/LF	F-35A	56th FW	* Knife01
03-3113	C-17A	183rd AS MS ANG	14 RCH312	17-5248/HL	F-35A	421st FS	* Sting01
03-3124	C-17A	437th AW	RCH635	17-5251/HL	F-35A	421st FS	* Knife02
05-5141	C-17A	729th AS AFRC	14 RCH153	19.01	C-17A	HAW	Bartok50
07-7176	C-17A	436th AW	14 RCH158	ZZ173/173	C-17A	99sq	RRR6517
08-8199	C-17A	62nd AW	RCH389/12	03-3113	C-17A	183rd AS MS ANG	20 Bndge01/RCH919
05-8152	C-130J-30	815th AS AFRC	15 Swift12/11	05-5153/HH	C-17A	535th AS HI ANG	22 RCH94/346
15-5166/HL	F-35A	4th FS	* Raft01	10-0223	C-17A	437th AW	20 RCH699
15-5173/HL	F-35A	4th FS	* Raft02	89-9103	C-130H	357th AS AFRC	21 RCH694/Herky04
84-00165	C-12U-3	E/1-214th AVN	Duke80	94-6705	C-130H	158th AS GAANG	21 Herky05/RCH107
14.TK.10-06/31-51	KC-130H	Ala31	15 Swift61/AME3194	02-8155	C-130J-30	815th AS AFRC	21 Swift11/RCH801
130608	CC-130J-30	436sq	17 Swift21	04-8153	C-130J-30	815th AS AFRC	21 Swift13/RCH104
99-0169	C-17A	437th AW	16 RCH182	05-8152	C-130J-30	815th AS AFRC	21 Swift12/RCH687
00-0180	C-17A	758th AS AFRC	15 RCH414	166359/BR-32	MH-60S	HSC-28	Dragon32
05-5153/HH	C-17A	535th AS HI ANG	17 RCH94/11	20.87-0028	C-5M	60th AMW	29 RCH729
07-7176	C-17A	436th AW	15 RCH158	93-0604	C-17A	89th AS AFRC	21 RCH452
08-8199	C-17A	62nd AW	17 RCH12	03-3118	C-17A	183rd AS MS ANG	21 RCH202
15-46009	KC-46A	22nd ARW	15 RCH046	06-6166	C-17A	436th AW	21 RCH662
73-1581/DM	EC-130H	55th ECG	01 Batt43	07-7172	C-17A	60th AMW	RCH314
92-1532	C-130H	187th AS WY ANG	17 Swift53	09-9211	C-17A	62nd AW	21 RCH290/638
94-6705	C-130H	158th AS GA ANG	17 Swift51/52	09-9212	C-17A	437th AW	21 RCH917
94-7320	C-130H	731st AS AFRC	17 Swift52/51	10-0223	C-17A	437th AW	21 RCH699
04-8153	C-130J-30	815th AS AFRC	17 Swift11/13	21.92-3291	C-17A	155th AS TN ANG	30 RCH802/RCH311

02-1101	C-17A	758th AS AFRC	22 RCH679	03-3117	C-17A	183rd AS MS ANG	30 RCH626/313
03-3125	C-17A	305th AMW	RCH453	06-6167	C-17A	436th AW	30 RCH715
07-7172	C-17A	60th AMW	RCH314	07-7169	C-17A	436th AW	RCH724
09-9211	C-17A	62nd AW	26 RCH638/167	07-7173	C-17A	436th AW	01 RCH250/626
09-9212	C-17A	437th AW	22 RCH917	09-9211	C-17A	62nd AW	01 RCH167/111
900530	C-26D	AOD Sigonella	CNV6421	09-9212	C-17A	437th AW	30 RCH917
89-9103	C-130H	357th AS AFRC	26 Herky04	10-0215	C-17A	437th AW	30 RCH413
90-26260	UH-60L	A/2-1st AVN	a/f 24	89-9103	C-130H	357th AS AFRC	30 Herky682/Evac10E3
90-26271	UH-60L	A/2-1st AVN	a/f 24	58-0088	KC-135T	171st ARS MI ANG	05 RCH416
22.15002	CC-150	437sq	CFC3165	30.03	C-17A	HAW	Bartok95
86-0019	C-5M	68th AS AFRC	23 RCH256	05-5145	C-17A	729th AS AFRC	01 RCH203
93-0604	C-17A	89th AS AFRC	23 RCH452	06-6167	C-17A	436th AW	01 RCH715
03-3118	C-17A	183rd AS MS ANG	24 RCH202/208	07-7174	C-17A	436th AW	RCH245
06-6157	C-17A	60th AMW	23 RCH340	09-9208	C-17A	437th AW	01 Bandage37/RCH235
07-7169	C-17A	436th AW	RCH424	Credits: MAR, Scramble messageboard.			
09-9212	C-17A	437th AW	RCH917	Spangdhalem			
10-0218	C-17A	62nd AW	28 RCH351/983	01.87-0036	C-5M	436th AW	02 RCH446
10-0219	C-17A	62nd AW	24 RCH1073	02.FB24	F-16BM	10w/OCU	* BAF411
23.99-0169	C-17A	437th AW	24 RCH234	87-0030	C-5M	60th AMW	07 RCH103
03-3125	C-17A	305th AMW	24 RCH453	87-0036	C-5M	436th AW	03 RCH446
04-4133	C-17A	305th AMW	RCH320	03-3120	C-17A	62nd AW	03 RCH957
06-6161	C-17A	60th AMW	24 RCH330	03-3125	C-17A	305th AMW	RCH699
07-7169	C-17A	436th AW	RCH424	04-4137	C-17A	305th AMW	03 RCH689
08-8197	C-17A	62nd AW	RCH327	06-6157	C-17A	60th AMW	RCH486
11-9355	E-11A	430th EECS	Velcro04	85-1412/TX	F-16C	457th FS AFRC	dep Spad11
24.2702	C-27J	Esc.902 Av.Tr.si	ROF195	85-1467/TX	F-16C	457th FS AFRC	dep Beast21
00-0175	C-17A	305th AMW	RCH222	85-1472/TX	F-16C	457th FS AFRC	dep Mustang33
04-4133	C-17A	305th AMW	RCH320	85-1474/TX	F-16C	457th FS AFRC	dep Spad13
06-6157	C-17A	60th AMW	25 RCH340	85-1479/TX	F-16C	457th FS AFRC	dep Spad12
08-8193	C-17A	62nd AW	RCH469	85-1481/TX	F-16C	457th FS AFRC	dep Beast23
09-9212	C-17A	437th AW	26 RCH917	85-1493/TX	F-16C	457th FS AFRC	dep Beast22
15-46009	KC-46A	22nd ARW	25 RCH046	85-1501/TX	F-16C	457th FS AFRC	dep Beast24
16-08466	CH-47F	B/2-1st AVN	Army08466	85-1553/TX	F-16C	457th FS AFRC	dep Mustang34
94-26555	UH-60L	A/2-1st AVN	Army26555	85-1556/TX	F-16C	457th FS AFRC	dep Mustang32
165151	C-20G	CFLSW Det Sigonella	Catbird1	86-0227/TX	F-16C	457th FS AFRC	dep Mustang31
166696	C-40A	VR-56	CNV6624	86-0229/TX	F-16C	457th FS AFRC	dep Spad14
25.Z21122/TS-MTL	C-130J-30	21sq	TUN36	03.03-3126	C-17A	305th AMW	04 RCH784
00-0175	C-17A	305th AMW	RCH222	04.97-0041	C-17A	437th AW	05 RCH146
03-3118	C-17A	183rd AS MS ANG	27 RCH208	00-0172	C-17A	156th AS NC ANG	06 RCH608
07-7169	C-17A	436th AW	RCH224	57-1436	KC-135R	151st ARS TN ANG	06 RCH775
08-8193	C-17A	62nd AW	26 RCH469	59-1517	KC-135R	151st ARS TN ANG	06 RCH597
08-8197	C-17A	62nd AW	26 RCH327	05.00-0185/AK	C-17A	144th/517th AS AK ANG	06 RCH602
09-9207	C-17A	437th AW	26 RCH239	06.87-0043	C-5M	337th AS AFRC	07 RCH541
10-0215	C-17A	437th AW	26 RCH101	00-0185/AK	C-17A	144th/517th AS AK ANG	07 RCH602
15-08195	CH-47F	B/2-1st AVN	Army08195	08-8191	C-17A	437th AW	RCH729
09-20223	UH-60M	3-1st AVN	Army20223	07.97-0041	C-17A	437th AW	08 RCH146
26.85-0003	C-5M	436th AW	RCH542/362	02-1108	C-17A	62nd AW	08 RCH701
87-0117	KC-10A	60th AMW	27 RCH264	03-3120	C-17A	62nd AW	08 RCH566
06-6161	C-17A	60th AMW	27 RCH330	07-7173	C-17A	436th AW	08 RCH540
07-7169	C-17A	436th AW	RCH224	07-7178	C-17A	305th AMW	08 RCH610
07-7179	C-17A	60th AMW	27 RCH175	08.00-0185/AK	C-17A	144th/517th AS AK ANG	09 RCH322/332
89-9103	C-130H	357th AS AFRC	27 Herky04/682	06-6155	C-17A	60th AMW	10 RCH109
27.C15-46/12-04	EF-18M	Ala 12	AME1220	10-0214	C-17A	437th AW	10 RCH046
ZZ176/176	C-17A	99sq	RRR6508	08-5684	C-130J-30	19th AW	09 RCH917
86-0026	C-5M	60th AMW	28 RCH981	08-5705	C-130J-30	19th AW	09 RCH545
92-3292	C-17A	437th AW	RCH845	10-5700	C-130J-30	19th AW	09 RCH113
01-0186	C-17A	436th AW	28 Bandage01/RCH982	15-5828	C-130J-30	19th AW	09 RCH525
02-1098	C-17A	305th AMW	29 RCH342	09.84-00165	C-12U-3	E/1-214th AVN	* Duke64
03-3117	C-17A	183rd AS MS ANG	28 RCH313/626	11.00-0177	C-17A	137th AS NY ANG	12 RCH717
07-7179	C-17A	60th AMW	28 RCH175	13.94-0069	C-17A	167th AS WV ANG	RCH800
10-0219	C-17A	62nd AW	28 RCH1073	08-8202	C-17A	62nd AW	14 RCH140
91-9144	C-130H	nn AFRC	28 Herky160/Jump43	14.09-9212	C-17A	437th AW	15 RCH615
09-72100	UH-72A	JMRC	Army72100	16.09-9209	C-17A	62nd AW	17 RCH139
28.03	C-17A	HAW	30 Bartok95	09-9212	C-17A	437th AW	RCH615
013	C295M	13.ELTr	PLF044	17.85-0005	C-5M	436th AW	18 RCH148
C15-44/12-02	EF-18M	Ala12	AME1218	86-0024	C-5M	60th AMW	23 RCH529
01-0194	C-17A	89th AS AFRC	29 RCH445	96-0006	C-17A	167th AS WV ANG	RCH145
06-6157	C-17A	60th AMW	RCH230	06-6155	C-17A	60th AMW	22 RCH284/285
07-7169	C-17A	436th AW	RCH724	18.86-0015	C-5M	60th AMW	20 RCH558
10-0215	C-17A	437th AW	29 RCH413	00-0175	C-17A	305th AMW	19 RCH922
91-9144	C-130H	AFRC	01 Jump43	00-0176	C-17A	155th AS TN ANG	19 RCH561
93-26478	UH-60L	A/2-1st AVN	Army26478	19.87-0028	C-5M	60th AMW	20 RCH260
08-20172	HH-60M	C/2-1st AVN	Army20172	20.98-0054	C-17A	437th AW	21 RCH660
29.84-0061	C-5M	436th AW	30 RCH795	06-6166	C-17A	436th AW	21 RCH665
92-3292	C-17A	437th AW	RCH845	11-5736/RS	C-130J-30	37th AS	Herky661
00-0182	C-17A	167th AS WV ANG	30 RCH243	21.97-0041	C-17A	437th AW	22 RCH310

11-5736/RS	C-130J-30	37th AS	Herky661	12.83-0076	KC-10A	60th AMW	13 Nacho81
22.84-0185	KC-10A	305th AMW	RCH104	03-3125	C-17A	305th AMW	RCH463
84-00162	C-12U-3	E/1-214th AVN	2x Duke31/59	84-0083	C-21A	76th AS	* Valor21
84-00165	C-12U-3	E/1-214th AVN	Duke79	13.87-0034	C-5M	60th AMW	14 RCH932
02-1111	C-17A	62nd AW	23 RCH880	83-0076	KC-10A	60th AMW	17 Nacho81
09-9206	C-17A	437th AW	23 RCH485	00-0177	C-17A	137th AS NY ANG	15 RCH235
09-9211	C-17A	62nd AW	23 RCH554	03-3125	C-17A	305th AMW	14 RCH457
23.64-14832	KC-135R	151st ARS TN ANG	24 RCH338	07-7169	C-17A	436th AW	14 RCH394
24.09-9207	C-17A	437th AW	26 RCH486	14.96-0002	C-17A	437th AW	14 RCH641
26.96-0003	C-17A	62nd AW	28 RCH368/369	96-0003	C-17A	62nd AW	RCH205
08-3176/RS	C-130J-30	37th AS	Herky756	04-4130	C-17A	305th AMW	15 RCH561/470
27.08-8602/RS	C-130J-30	37th AS	Herky664	16-08198	CH-47F	B/2-1stAVN	Army26266
15-08466	CH-47F	B/2-1stAVN	Army08467	90-26266	UH-60L	A/2-1stAVN	Army26266
15-08467	CH-47F	B/2-1stAVN	Army08467	15.92-3291	C-17A	155th AS TN ANG	21 RCH802
16-08198	CH-47F	B/2-1stAVN	Army08467	16.90-0535	C-17A	89th AS AFRC	17 RCH319
16-08199	CH-47F	B/2-1stAVN	Army08467	04-4131	C-17A	305th AMW	17 RCH286
90-26266	UH-60L	A/2-1stAVN	Army26300	17.86-0026	C-5M	60th AMW	18 RCH462
90-26300	UH-60L	A/2-1stAVN	Army26300	93-0603	C-17A	89th AS AFRC	18 RCH598
28.08-3176/RS	C-130J-30	37th AS	Herky664	13-5077/HL	F-35A	388th FW	24 Trend12
29.44+70	Tornado IDS	TLG33	* GAFE22	13-5079/HL	F-35A	388th FW	24 Trend11
10-0219	C-17A	62nd AW	30 RCH286	13-5081/HL	F-35A	388th FW	24 Trend14
61-0321	KC-135R	22nd ARW	RCH170	13-5083/HL	F-35A	388th FW	24 Trend13
84-00157	C-12U-3	E/1-214th AVN	Duke79	18.87-0030	C-5M	60th AMW	19 RCH535
30.79-0433	KC-10A	305th AMW	RCH557	96-0002	C-17A	437th AW	RCH656
06-8611/RS	C-130J-30	37th AS	31 Herky669	02-1101	C-17A	758th AS AFRC	19 RCH679
63-8039	KC-135R	465th ARS AFRC	RCH324	90-26266	UH-60L	A/2-1stAVN	21 Army26266
31.04-4133	C-17A	305th AMW	01 RCH256/690	90-26271	UH-60L	A/2-1stAVN	19 Army26266/26300
08-8602/RS	C-130J-30	37th AS	Herky765	90-26300	UH-60L	A/2-1stAVN	19 Army26266/26300
			June 2019	19.90-26271	UH-60L	A/2-1stAVN	24 Army26300/26271
01.92-3291	C-17A	155th AS TN ANG	07 RCH562	90-26300	UH-60L	A/2-1stAVN	21 Army26300
99-0169	C-17A	437th AW	02 RCH659/739	20.87-0029	C-5M	60th AMW	02 RCH540
04-4133	C-17A	305th AMW	dep RCH690	21.FB15	F-16BM	10w/OCU	* BAF451
04-4133	C-17A	305th AMW	02 RCH690/531	10-20281	UH-60M	3-1st AVN	24 Army20281/26271
06-8611/RS	C-130J-30	37th AS	Herky669	22.96-0005	C-17A	137th AS NY ANG	RCH165
02.06-6154	C-17A	60th AMW	03 RCH173	01-0186	C-17A	436th AW	RCH982
03.79-0433	KC-10A	305th AMW	07 RCH557	03-3123	C-17A	167th AS WV ANG	24 RCH258
99-0166	C-17A	62nd AW	RCH629	24.86-0026	C-5M	60th AMW	25 RCH981
08-8190	C-17A	437th AW	RCH458	96-0005	C-17A	137th AS NY ANG	25 RCH165
61-0321	KC-135R	22nd ARW	07 Kanza10/RCH139	07-7178	C-17A	305th AMW	25 RCH899
63-8039	KC-135R	465th ARS AFRC	07 Okie85/RCH324	90-26271	UH-60L	A/2-1stAVN	28 Army26271
97-00102	UC-35A	E/1-214th AVN	* Duke25	10-20281	UH-60M	3-1st AVN	28 Army26271
04.30+98	EF2000	TLG31	* Razor41	25.85-0001	C-5M	436th AW	26 RCH113
31+33	EF2000	TLG31	* Razor42	58-0001/D	KC-135R	351st ARS	* Quid23
06-6159	C-17A	60th AMW	05 RCH644	26.LX-N90452	E-3A	NAEW&CF	* Nato40
07-7175	C-17A	436th AW	05 RCH264	98-0051/AK	C-17A	144th/517th AS AK ANG	RCH559
10-0218	C-17A	62nd AW	05 RCH147	57-1453	KC-135R	106th ARS AL ANG	27 RCH220
84-0085	C-21A	76th AS	* Valor21	27.84-0060	C-5M	60th AMW	29 RCH434
97-00102	UC-35A	E/1-214th AVN	* Duke25	06-6157	C-17A	60th AMW	RCH230
05.82-0191	KC-10A	60th AMW	06 RCH177	84-0083	C-21A	76th AS	* Valor21
90-0534	C-17A	437th AW	RCH207	28.97-00105	UC-35A	E/1-214th AVN	* Duke33
06.84-0060	C-5M	60th AMW	09 RCH159	08-8603/RS	C-130J-30	37th AS	Herky777
06-6159	C-17A	60th AMW	RCH644	90-26300	UH-60L	A/2-1stAVN	arr Army26300
07.43+92	Tornado IDS	TLG33	* Ghost	29.95-0104	C-17A	155th AS TN ANG	30 RCH531
08.98-0057	C-17A	137th AS NY ANG	09 RCH442	01-0194	C-17A	89th AS AFRC	RCH445
06-6162	C-17A	60th AMW	09 RCH102	30.13-2014	A-29B	del to Afghan AF	03 Panther83
08-8601/RS	C-130J-30	37th AS	Herky772	17-2027	A-29B	del to Afghan AF	03 Panther81
15-5822/RS	C-130J-30	37th AS	Herky773	17-2028	A-29B	del to Afghan AF	03 Panther82
09.15-08467	CH-47F	B/2-1stAVN	Army26300	<u>Credits:</u> MAR, Scramble messageboard.			
90-26300	UH-60L	A/2-1stAVN	Army26300	Wiesbaden			June 2019
10.06-6167	C-17A	436th AW	11 RCH416	03.10-00259	C-12V	B/2-228th AVN Det1	
08-8603/RS	C-130J-30	37th AS	Herky774	10-00260	C-12V	B/2-228th AVN Det1	
11.01-0186	C-17A	436th AW	14 RCH620	04.17-03173	AH-64E	B/1-6th CAV	13
04-4130	C-17A	305th AMW	12 RCH561	05.10-00259	C-12V	B/2-228th AVN Det1	
09-9211	C-17A	62nd AW	RCH623	06.10-00259	C-12V	B/2-228th AVN Det1	
15-5166/HL	F-35A	388th FW	tdy Venom01	10-00260	C-12V	B/2-228th AVN Det1	
15-5173/HL	F-35A	388th FW	tdy Venom02	09.03-00016	UC-35A	B/2-228th AVN	
15-5183/HL	F-35A	388th FW	tdy Spider01	11.03-00016	UC-35A	B/2-228th AVN	
15-5195/HL	F-35A	388th FW	tdy Widow03	24.17-03173	AH-64E	B/1-6th CAV	
15-5200/HL	F-35A	388th FW	tdy Widow01	<u>Credits:</u> MAR, Scramble messageboard.			
15-5202/HL	F-35A	388th FW	tdy Widow02	<u>Ireland</u>			
15-5203/HL	F-35A	388th FW	tdy Spider04	Shannon			June 2019
17-5239/HL	F-35A	388th FW	tdy Black01	01.04-4133	C-17A	305th AMW	
17-5245/LF	F-35A	56th FW mks	tdy Spider02	06-6156	C-17A	60th AMW	
17-5248/HL	F-35A	388th FW	tdy Widow04	08-3175	C-130J-30	317th AW	
17-5251/HL	F-35A	388th FW	tdy Spider03	90-26260	UH-60L	US Army	
17-5252/HL	F-35A	388th FW	tdy Black02				

93-26478	UH-60L	US Army	165352/NY	KC-130T	VMGR-452	130Tis83/82
165153	C-20G	USMC	165810/BH	KC-130J	VMGR-252	13 Otis81
163259	VH-60N	HMX-1	168069/BH	KC-130J	VMGR-252	16 Otis82/84
163263	VH-60N	HMX-1	08-8601/RS	C-130J-30	37th AS	13 HKY01
02.04-4133	C-17A	305th AMW	13.4177	C-130E	6sq/21sq	14 PAAF840
165151	C-20G	CFLSW Det Sigonella	14.1292/SU-BEY	C-130H	4sq/16sq	16 EGY1111
03.05-0730	C-40C	73rd AS AFRC	76-3301	LC-130H	139th AS NY ANG	15 RCH565
10+27	A310-304MR TT	FBS BMVg	168071/BH	KC-130J	VMGR-252	16 Otis31/83
85-0001	C-5M	nn	17.4177	C-130E	6sq/21sq	18 PAAF840
85-0004	C-5M	nn	18.130615	CC-130J-30	436sq	19 CFC4228
05.01-0040	C-40B	1st AS	34	Falcon 50	24F	FNy5731
09-0015	C-32A	1st AS	01-0076	C-37A	76th AS	Valor76
09-0016	C-32A	1st AS	10-3068	C-146A	524th SOS	19 RCH1045
11-0550	C-37B	99th AS	20.02-0042	C-40B	1st AS	SAM251
92-9000	VC-25A	1st AS	15-5811	AC-130J	4th SOS	21 RCH1003
06.09-0015	C-32A	1st AS	16-5835	AC-130J	4th SOS	21 RCH1005
09-0016	C-32A	1st AS	21.7T-VPM	G-IV	Esc de Transporte VIP	7T-VPM
09-0017	C-32A	1st AS	60-0355	KC-135R	351st ARS	* Quid53
07.85-0001	C-5M	nn	22.130617	CC-130J-30	436sq	23 CFC4228
85-0004	C-5M	nn	144615	CC-144B	412Sq	CFC3278
02-01863	C-37A	USAPAT	23.1286	C-130H	4sq/16sq	24 EGY1112
08.06-6156	C-17A	60th AMW	09-9205	C-17A	437th AW	25 RCH1815
01-0189	C-17A	155th AS TN ANG	59-1516	KC-135R	126th ARS WI ANG	24 RCH606
10-0214	C-17A	437th AW	59-1517	KC-135R	151st ARS TN ANG	24 RCH597
164597/RU	KC-130T-30	VR-55	74-1669	C-130H	118th AS CT ANG	24 RCH407
10.07-46312	C-130J-30	19th AW	74-1682	C-130H	118th AS CT ANG	24 RCH420
14-5802	C-130J-30	314th AW	164993/BD	C-130T	VR-64	24 CNV6523
16-5856	C-130J-30	317th AW	25.74-1685	C-130H	118th AS CT ANG	26 RCH441
17-5865	C-130J-30	317th AW	74-1687	C-130H	118th AS CT ANG	26 RCH615
165349	C-130T	USN	16-5834	C-130J-30	317th AW	26 RCH140
165830	C-40A	USN	165151	C-20G	CFLSW det Sigonella	Catbird1
11.06-6162	C-17A	60th AMW	27.165151	C-20G	CFLSW Det Sigonella	Catbird1
14-5788	C-130J-30	19th AW	28.130601	CC-130J-30	436sq	30 CFC4240
01-0040	C-40B	1st AS	1286/SU-BAS	C-130H	4sq/16sq	30 EGY1112
11-0550	C-37B	99th AS	89-1051	AC-130W	16th SOS	30 RCH1039
12.11-5736/RS	C-130J-30	37th AS	20.T.18B-3/45-43	Falcon 900B	Esc 451	AME4561
87-0028	C-5M	60th AMW				
97-00102	UC-35A	1-214th AVN				
13.169225/BH	KC-130J	VMGR-252				
14.11-0550	C-37B	99th AS				
98-0051	C-17A	144th/517th AS AK ANG				
15.97-0401	C-37A	99th AS				
17.97-0401	C-37A	99th AS				
02-0042	C-40B	1st AS				
18.10-00260	C-12V	US Army				
21.09-9211	C-17A	62nd AW				
22.01-0040	C-40B	1st AS				
24.10-3026	C-146A	524th SOS				
12-3050	C-146A	524th SOS				
25.144615	CC-144	412sq				
02-0201	C-40C	201st AS DC ANG				
26.84-00165	C-12U-3	1-214th AVN				
28.97-00102	UC-35A	1-214th AVN				
29.99-0402	C-37A	99th AS				

Credits: MAR, Scramble messageboard.

Portugal

Lajes, Azores			June 2019		
01.7T-VPM	G-IVSP	Esc de Transporte VIP			
02.T18-2/45-41	Falcon 900B	Esc 451	AME4538		
73-1581/DM	EC-130H	355th Wg	04 Bat43		
73-1595/DM	EC-130H	355th Wg	Axis43		
04.12-5756	C-130J-30	19th AW	10 RCH156		
05.7T-TVPS	G-IVSP	Esc de Transporte VIP			
10+27	A310-304MR TT	FBS BMVg	* GAF820		
95-00123	UC-35A	E/1-214th AVN	Duke56		
07.166380/BH	KC-130J	VMGR-252	08 Otis88		
09.1292/SU-BEY	C-130H	4sq/16sq	10 EGY1111		
10.V-11	G-IV	334sq	16 NAF11		
ZH889/889	Hercules C5	24/47sq	11 RRR5523		
165833	C-40A	USN	CNV4781		
11.01-0076	C-37A	76th AS	Valor76		
12.168302/06	MV-22B	HMX-1	13 Knighthawk51-54		
168339/12	MV-22B	HMX-1	13 Knighthawk51-54		
168327/09	MV-22B	HMX-1	13 Knighthawk51-54		
168332/10	MV-22B	HMX-1	13 Knighthawk51-54		
Brize Norton					June 2019
03.ZH103	Sentry AEW1	8sq			* NATO32
97-0219/LN	F-15E	48th FW			* Bolar91
04.XW232	Puma HC2	Benson Wg			SHF283
05.54+23	A400M	LTG62			* GAF047
89-1192	C-17A	437th AW	06 RCH244/Pelican47		
ZJ185	Apache AH1	nn	a/f out		
ZJ200	Apache AH1	nn	a/f out		
ZD981	Chinook HC6A	28sq	* SHF499		
XW217	Puma HC2	Benson Wg	* Warlock2		
06.89-1192	C-17A	437th AW	10 Pelican47/RCH244		
10.XX324	Hawk T1A	736NAS	* NavyHawk		
ZE708	BAe146 C3	32(TR)sq	* NOH39		
ZM335	Phenom T1	45sq	11 CWL35		
11.101	Falcon 10MER	57S	* FNY5560		
12.G-FPLD	Beech B2000	Thales			
14.101	Falcon 10MER	57S	* FNY5560		
15.R226/64-GZ	C-160R	ET00.064	CTM2032		
16.Z21122/TS-MTL	C-130J-30	21sq	18 TUN31		
17.ZE700	BAe146 CC2	32(TR)sq			
ZK020/K	Hawk T2	4sq	Devil		
ZK025/FA	Hawk T2	25sq	Devil		
ZJ137/W	Merlin HC3i	846NAS			
ZM334	Phenom T1	45sq	* CWL45		
18.A41-212	C-17A	36sq	20 ASY547		
Z21121/TS-MTK	C-130J-30	21sq	TUN35		
ZM301	Prefect T1	3 FTS			
ZM309	Prefect T1	3 FTS			
ZM310	Prefect T1	3 FTS			
ZM319	Prefect T1	3 FTS			
20.4270	G450	Pakistan Army	25 Khalid1		
21.101	Falcon 10MER	57S	* FNY5560		
XW220	Puma HC2	Benson Wg			
23.Z21121/TS-MTK	C-130J-30	21sq			
24.ZJ120/D	Merlin HC4	845NAS	Junglie414		
13-5786	MC-130J	67th SOS	* Strix01		
25.ZJ136/U	Merlin HC3i	846NAS	Junglie417		
ZH103	Sentry AEW1	8sq	* NATO33		



On the spottersday of Schweslig-Jägel on 13 June 2019, Manolito Jaarsma encountered this Top Aces A-4 Skyhawk C-FGZT/542, arriving for static display. Next to the special 60 years TLG71 tail decorations the splitter-flaps also draw attention to the bad asses remarks.

27.ZH776	Chinook HC6A	18sq		05.CE03	ERJ145LR	21sq	BAF605
29.144617	CC-144B	412sq	30 CFC3296	15+02	A319-133X	FBS BMVg	GAF833
<u>Credits:</u> MAR, Scramble messageboard.				10.A6-HEH	B737-8AJ	Gvmt of Dubai	18 DUB6
Cambridge				11.A9C-BAH	G650	Gvmt of Bahrain	13 BAH6
12.84002/842	Tp-84	TSFE	June 2019	A6-HRS	B737-7E0	Gvmt of Dubai	12 DUB4
84005/845	Tp-84	TSFE	arr SVF813	15.A6-HRS	B737-7E0	Gvmt of Dubai	16 DUB4
13.8T-CC	C-130K	LuTSt	dep SVF814	EYE77	CL-605	Pakistan Army	EYE77
18.ZH868/868	Hercules C4	24sq/47sq		XX177	Hawk T1	RAFAT	16
ZH878/878	Hercules C4	24sq/47sq	dep	XX219	Hawk T1	RAFAT	16
24.G-273	C-130H-30	336sq	RRR136	XX232	Hawk T1	RAFAT	16
V-11	G-IV	334sq	arr NAF39	XX242	Hawk T1	RAFAT	16
13-5786	MC-130J	67th SOS	NAF11	XX244	Hawk T1	RAFAT	16
28 ZH888	Hercules C5	24sq/47sq	* Strix01	XX245	Hawk T1	RAFAT	16
			arr MCE04	XX278	Hawk T1	RAFAT	16
<u>Credits:</u> MAR, Scramble messageboard.				XX319	Hawk T1	RAFAT	16
Coningsby				XX322	Hawk T1	RAFAT	16
03.97-0219/LN	F-15E	492nd FS	June 2019	XX323	Hawk T1	RAFAT	16
ZZ517	Wildcat HMA2	815/825NAS	* Bolar91	ZM506	Juno HT1	DHFS	16 SYS25
XX203/CF	Hawk T1A	100sq	Talon726	16.A6-HHH	G650	Gvmt of Dubai	19 DUB15
ZZ376	Wildcat HMA2	815/825NAS	Pirate24	20.A6-HHH	G650	Gvmt of Dubai	22 DUB15
G-BYXE	Tutor T1	6 FTS	Talon720	21.A6-HRS	B737-7E0	Gvmt of Dubai	23 DUB4
ZZ419	Shadow R1	14sq	* WIT44	A6-HEH	B737-8AJ	Gvmt of Dubai	22 DUB6
11.ZJ229	Apache AH1	3Regt	10 Widger49	23.A9C-BAH	G650	Gvmt of Bahrain	BAH6
12.XW213	Puma HC2	Benson Wg	AA319	25.A9C-BAH	G650	Gvmt of Bahrain	26 BAH6
13.ZA720	Chinook HC4	SHF458	Ambush	A6-HRS	B737-7E0	Gvmt of Dubai	26 DUB4
14.ZH894	Chinook HC6A	27sq	14	27.089/YJ	EMB121AA	EAT00.319	CTM1771
ZJ956	Puma HC2	Benson Wg	SHF467	098/YO	EMB121AA	EAT00.319	u/s CTM1754
15.ZH894	Chinook HC6A	27sq	SHF301	103/YT	EMB121AA	EAT00.319	CTM1733
17.ZM321	Prefect T1	3 FTS	SHF402	A6-FZZ	B737-8KN	Gvmt of Dubai	28 DUB12
21.GZ100	AW109SP	32(TR)sq	BKH75	28.A6-HRS	B737-7E0	Gvmt of Dubai	29 DUB4
			RRR1223	30.A7-MHH	A319-115X	Gvmt of Qatar	01
<u>Credits:</u> MAR, Scramble messageboard.				<u>Credits:</u> MAR, Scramble messageboard.			
Fairford				Lakenheath			
01.07-7170	C-17A	436th AW	June 2019	02.99-0169	C-17A	437th AW	June 2019
86-0026	C-5M	60th AMW	RCH350	03.12-0065	CV-22B	7th SOS	Rch739
03.85-0001	C-5M	436th AW	05 RCH509	04.ZJ228+1	Apache AH1	3/4Regt	* Knife71
85-0004	C-5M	436th AW	07 RCH503	73-1581/DM	EC-130H	355th Wg	Blade1/2
12.09-9211	C-17A	62nd AW	07 RCH507	97-00102	UC-35A	E/1-214th AVN	Batt43
<u>Credits:</u> MAR, Scramble messageboard.				06.95-00123	UC-35A	1-214th AVN	Duke25
Farnborough				10.15-5822	C-130J-30	37th AS	07 Duke56
03.A6-HRS	B737-7E0	Gvmt of Dubai	June 2019	11.09-9211	C-17A	62nd AW	Herky831
04.A36-002	B737-7DF	34sq	04 DUB4	15-5822	C-130J-30	37th AS	Rch623
HZ-MF6	B737-9FGER	Saudi Ministry of Finance	06 ASY325	87-0206/SJ	F-15E	335th FS	12 Herky831
OM-BYC	Fokker 100	Gvmt of Slovakia	SVA7549	88-1708/SJ	F-15E	335th FS	13 Tabor21-24
			05 SSG043				13 Tabor21-24

89-0490/SJ	F-15E	335th FS	13 Tabor21-24	06.07-7169	C-17A	436th AW	07 RCH518	
87-0174/SJ	F-15E	335th FS	13 Tabor21-24	07-7173	C-17A	436th AW	RCH519	
12.93-3124	C-17A	437th AW	Rch289	159350	VH-3D	HMX-1	a/f out 08	
73-1586/DM	EC-130H	355th Wg	13 Axis43	159356	VH-3D	HMX-1	a/f out 08	
86-0189/SJ	F-15E	335th FS	14 Tabor11-13	159360	VH-3D	HMX-1	a/f out 08	
89-0483/SJ	F-15E	335th FS	14 Tabor11-13	10-3026	C-146A	27th SOW	RCH1043	
89-0496/SJ	F-15E	335th FS	14 Tabor11-13	07.84-0061	C-5M	436th AW	RCH560	
13.88-1675/SJ	F-15E	336th FS	Tabor25-26	93-0603	C-17A	89th AS AFRC	RCH375	
89-0493/SJ	F-15E	336th FS	Tabor25-26	97-0047	C-17A	437th AW	RCH511	
14.89-0471/SJ	F-15E	336th FS	Tabor13-15	00-0175	C-17A	305th AMW	09 RCH508	
89-0492/SJ	F-15E	336th FS	Tabor13-15	01-0189	C-17A	155th AS TN ANG	08 RCH524	
89-0498/SJ	F-15E	335th FS	Tabor13-15	04-4128	C-17A	305th AMW	RCH515	
17.ZK328/328	Typhoon FGR4	29sq	*	07-7169	C-17A	436th AW	RCH518	
09-9211	C-17A	62nd AW	19 Rch290	07-7178	C-17A	305th AMW	RCH376	
57-1474/D	KC-135R	351st ARS	18 Quid42021	09-9206	C-17A	437th AW	RCH514	
84-0188	KC-10A	305th AMW	19 Spur97/Gold74	10-0223	C-17A	437th AW	RCH505	
19.88-1675/SJ	F-15E	335th FS	dep Tabor25-29	84-00156	C-12U-3	E/1-214th AVN	Duke64	
89-0492/SJ	F-15E	335th FS	dep Tabor25-29	08.83-0076	KC-10A	60th AMW	12 RCH804/Nacho81	
89-0493/SJ	F-15E	335th FS	dep Tabor25-29	99-0169	C-17A	437th AW	RCH521	
89-0498/SJ	F-15E	335th FS	dep Tabor25-29	04-4133	C-17A	305th AMW	RCH522	
24.5836/61-PO	C-30J-30	ET02.061	CTM2026	07-7173	C-17A	436th AW	RCH519	
25.141/30-GT	Rafale C	EC01.007	28 Rogue61-63/FAF7167	09.79-1712	KC-10A	305th AMW	11 RCH175/Gold61	
143/30-GV	Rafale C	EC01.007	28 Rogue61-63	165352	KC-130T	VMGR-252	11 Otis83?	
148/30-VA	Rafale C	EC01.007	28 Rogue61-63	165810	KC-130J	VMGR-252	11 Otis82	
13-5081/HL	F-35A	34th FS	arr Trend13-14	168069	KC-130J	VMGR-252	11 Otis81	
13-5083/HL	F-35A	34th FS	arr Trend13-14	00-0175	C-17A	305th AMW	RCH350	
26.352/4-FS	Rafale B	EC02.004	02 FAF160	07-7170	C-17A	436th AW	RCH508	
27.304	Rafale B	nn	28 FAF7160/Rogue62	57-2606	KC-135R	174th ARS IA ANG	13 Gold62	
<u>Credits:</u> MAR,Scramble messageboard.				58-0074	KC-135T	171st ARW PA ANG	13 Gold72	
Lossiemouth				June 2019	99-00100	UC-35A	2-228th AVN	10 Duke95
04.ZK026/FB	Hawk T2	25sq	VYT22	10.79-0433	KC-10A	305th AMW	11 Gold71	
07.ZM411/411	Atlas C1	24sq/70sq	RRR4065	168302	MV-22B	HMX-1	Nighthawk51	
10.ZZ173/173	C-17A	99sq	RRR6449	11.60-0342	KC-135T	92nd/141st ARW	13 Gold74	
166696	C-40A	USN		60-0366	KC-135R	141st ARS NJ ANG	13 Gold75	
13.166696	C-40A	USN	CNV6613	12.ZZ178/178	C-17A	99sq	* RRR830	
26.601/3-JG	Mirage 2000D	EC001.03	27 FAF7261/Commis1/2	86-0027	KC-10A	305th AMW	14 Gold63	
604/3-IP	Mirage 2000D	EC02.003	27 FAF7262/Commis1/2	06-6157	C-17A	60th AMW	13 RCH518	
<u>Credits:</u> MAR,Scramble messageboard.				57-1432	KC-135R	191st ARS UTANG	18 Roma63/Spur95	
Mildenhall				June 2019	60-0313	KC-135R	22nd ARW	13 RCH317
01.01-0187	C-17A	62nd AW	RCH219	61-0309	KC-135R	126th ARS WI ANG	14 Gold65	
07-7175	C-17A	436th AW	dep RCH499	13.64-14846/OF	RC-135V	55th Wg	17 Olive58	
06-6167	C-17A	436th AW	02 RCH517/219	97-0219/LN	F-15E	492nd FS	* Dark31	
07-7170	C-17A	436th AW	09 RCH350/508	97-0220/LN	F-15E	492nd FS	* Dark32	
01-0186	C-17A	436th AW	02 RCH516/970	15.84-0188	KC-10A	305th AMW	17 Spur97	
57-1430	KC-135R	133rd ARS NH ANG	02RCH378/7430	17.60-0009/MT	B-52H	69th BS	e/l Hodor51	
165810	KC-130J	VMGR-252	dep Otis83	83-0076	KC-10A	60th AMW	20 Nacho81/RCH804	
168069	KC-130J	VMGR-252	dep Otis82	04-4131	C-17A	305th AMW	RCH286	
168071	KC-130J	VMGR-252	dep Otis81	08-8195	C-17A	62nd AW	18 RCH882	
02.84-0186	KC-10A	305th AMW	dep Roma60	18.84-00156	C-12U-3	E/1-214th AVN	* Duke69	
10-0221	C-17A	437th AW	05 RCH502	19.84-0191	KC-10A	60th AMW	20 RCH405	
01-0187	C-17A	62nd AW	04 RCH970	20.ZZ172/172	C-17A	99sq	* RRR830	
03.97-0047	C-17A	437th AW	06 RCH511	97-0220/LN	F-15E	492nd FS	Bolar52	
09-9206	C-17A	437th AW	06 RCH514	97-0219/LN	F-15E	492nd FS	Bolar51	
09-0017	C-32A	1st AS	05 SAM18	91-0311/LN	F-15E	494th FS	Mace22	
91-0602/LN	F-15E	494th FS	* Buck42	91-0310/LN	F-15E	494th FS	Mace21	
97-0219/LN	F-15E	492nd FS	* Bolar91	91-0309/LN	F-15E	494th FS	Flex61	
63-7972/OF	RC-135V	55th Wg	04 Olive56	91-0602/LN	F-15E	494th FS	Flex62	
04.93-0603	C-17A	89th AS AFRC	07 RCH375	91-0302/LN	F-15E	492nd FS	Dirty31	
01-0187	C-17A	62nd AW	05 RCH970	98-0131/LN	F-15E	492nd FS	Dirty32	
04-4128	C-17A	305th AMW	07 RCH515	98-0135/LN	F-15E	492nd FS	Dirty33	
07-7178	C-17A	305th AMW	07 RCH376	60-0366	KC-135R	141st ARS NJ ANG		
58-0010	KC-135R	141st ARS NJ ANG	05 Roma42	165151	C-20G	CFLSW Det Sigonella	Catbird1	
63-8038/HH	KC-135R	203rd ARS HI ANG	08 RCH160	21.10-00260	C-12V	2-228th AVN	Duke98	
99-00100	UC-35A	2-228th AVN	* Duke95	22.57-2599	KC-135R	77th ARS AFRC	arr RCH269	
97-00102	UC-35A	E/1-214th AVN	* Duke25	23.61-0298	KC-135R	126th ARS WI ANG	25 Roma62/3	
05.ZH877/877	Hercules C4	BNTW	* RRR105	24.ZM335	Phenom T1	45sq	* Cranwell30	
01-0187	C-17A	62nd AW	06 RCH970	76-3301	LC-130H	139th AS NY ANG	RCH565	
11-5729	MC-130J	27th SOW	06 RCH1031	5836/61-PO	C-130J-30	ET02.061	CTM2026	
60-0346	KC-135T	171st ARS MI ANG	06 Roma42	63-7993	KC-135R	121st ARW OH ANG	Nacho71	
06.07-7181	C-17A	437th AW	07 RCH491	25.88-1306	AC-130W	27th SOW	27 RCH307	
09-0017	C-32A	1st AS	SAM18	84-00165	C-12U-3	E/1-214th AVN	Duke64	
94-7320	C-130H	731st AS AFRC	Herky680	166380	KC-130J	VMGR-252	26 Bronco69	
15-08466	CH-47F	2-1st AVN	Army08467	900530	C-26D	AOD Sigonella	26 CNV6325	
15-08467	CH-47F	2-1st AVN	Army08467	26.58-0126	KC-135R	22nd ARW	27 RCH138	
16-08199	CH-47F	2-1st AVN	Army08467	166380	KC-130J	VMGR-252	27 Bronco39	
				27.64-14846/OF	RC-135V	55th Wg	arr Hoover55	



During the 2019 edition of Anatolian Eagle the USAF participated with some Lakenheath based F-15E Strike Eagles. As support this C-12C 76-3239 from the US Embassy of Ankara visited Konya on 26 June 2019. (Paul Thiel)

84-00156	C-12U-3	E/1-214th AVN	Duke59	10-0221	C-17A	437th AW	RCH106
28.84-00165	C-12U-3	E/1-214th AVN	Duke15	13.A6-HMM	B747-48E(M)	Gvmt of Dubai	DUB9
30.59-1458	KC-135R	121st ARW OH ANG	Blue31	15. 555	A320-214CJ	5sq	17 MJN520

Credits: MAR, Scramble messageboard.

Northolt			June 2019				
04.ZM417	Atlas C1	24/70sq	* RRR477	17.FAC-001	C-17A	Qatar AF	LHOB247
06.ZH891	Chinook HC6A	Odiham Wg	* SHF434	18.AS1429	B737-74V	GRUVE 82	19 FAC001
07.ZM419	Atlas C1	24/70sq	* Comet462	21.A9C-HMH	AW139	Malta DF	21
97-00101	UC-35A	US Army	Ocean12	24 A6-HRM	A320-212	Gvmt of Kuwait	KUG088
99-00101	UC-35A	US Army	Ocean11	A9C-HMH	B767-4FS(ER)	Gvmt of Bahrain	BAH3
T-409	T-17A	RDAF	08 DAF3160	21.A9C-HMH	B767-4FS(ER)	Gvmt of Bahrain	BAH3
T-411	T-17A	RDAF	08 DAF3160	A6-HRM	B747-422	Gvmt of Dubai	DUB1
T-412	T-17A	RDAF	08 DAF3161	A6-HMM	B747-48E(M)	Gvmt of Dubai	DUB9
T-419	T-17A	RDAF	08 DAF3161	A4O-SO	B747-SP27	Gvmt of Oman	ORF2
T-428	T-17A	RDAF	08 DAF3161	27.ZK307	Typhoon FGR4	Coningsby Wg	* YIV41/42
24.ZM335	Phenom T1	45sq	* CWL44	ZK315	Typhoon FGR4	Coningsby Wg	* YIV41/42
25.ZZ383	Wildcat AH1	1Regt	Carbon09	11-0550	C-37B	99th AS	28 SAM272
ZM335	Phenom T1	45sq	* CWL44	A7-HHK	A340-211	Gvmt of Qatar	
				28.YI-ASF	B737-800	Gvmt of Iraq	IAW01
				29.ZZ331	Voyager K2	10/101sq	RRR2802
				30.ZZ331	Voyager K2	10/101sq	RRR2806
				05-4613	C-40C	73rd AS AFRC	SPAR19
				166377	C-37B	VR-1	VV300

Credits:MAR, Scramble messageboard.

Stansted			June 2019				
01.86-0026	C-5M	60th AMW	RCH509	Credits: MAR, Scramble messageboard.			
87-0044	C-5M	60th AMW	RCH510	Prestwick	June 2019		
07-7170	C-17A	436th AW	RCH350	01.84-0096	C-21A	76th AS	dep Valor76
159350	VH-3N	HMX-1		ZZ334/334	Voyager KC3	10/101sq	02 RRR2814/15
159356	VH-3N	HMX-1		03-3126	C-17A	305th AMW	dep RCH498
15-08466	CH-47F	2-1st AVN		84-00181	C12U-3	D/204th MI Bn	Rebel81
16-08199	CH-47F	2-1st AVN		02.KAF343	C-17A	41sq	dep KAF3216
A9C-HMH	B767-4FS(ER)	Gvmt of Bahrain	BAH3	ZZ330/330	Voyager K2	10/101sq	RRR2301
02.09-0540	C-40C	73rd AS AFRC	SPAR17	03.10+27	A310-304MRTT	FBS BMVg	* GAF805
03.92-9000	VC-25A	1st AS	05 AF1/SAM29	10-5714	MC130J	67th SOS	* Strix47
98-0001	C-32A	1st AS	SAM837	84-24375	C-12U-3-2	A/2-228th AVN	Wing99
09-0015	C-32A	1st AS	05 SAM45	84-24379	C-12U-3-2	A/2-228th AVN	Wing78
04.09-0016	C-32A	1st AS	06 SAM96	84-24380	C-12U-3-2	A/2-228th AVN	Wing82
01-0029	C-37A	76th AS	SPAR84	04.06-6154	C-17A	60th AMW	05 RCH173
05.86-0026	C-5M	60th AMW	RCH509	07-0712	U-28A	319th SOS	14 RCH1016
87-0044	C-5M	60th AMW	RCH510	G-CGKR/KR	Tutor T1	UGSAS	* UAJ42
99-0004	C-32A	1st AS	SAM102	G-CGKU/KU	Tutor T1	UGSAS	* UAJ39
01-0015	C-40B	65th AS	SPAR55	05.130602	CC-130J-30	436sq	CFC4259
166378	C-37B	VR-1	07 VV100	06-6157	C-17A	60th AMW	RCH409
SP-LIH	ERJ175	Gvmt of Poland	LOT7099	96-1003	C-130H	109th AS MN ANG	RCH437
06.ZZ331/331	Voyager K2	10sq/101sq	RRR2772	96-1004	C-130H	109th AS MN ANG	RCH108
07-7181	C-17A	437th AW		06.09-9209	C-17A	62nd AW	07 RCH145
99-0004	C-32A	1st AS		10-0218	C-17A	62nd AW	07 RCH430
165151	C-20G	CFLSW	07 Catbird1	01-0076	C-37A	76th AS	Valor76
A7-MBK	A320-232CJ	Gvmt of Qatar		G-CGKE/KE	Tutor T1	UGSAS	* UAJ39
A7-HHM	A330-202	Gvmt of Qatar	QAF3	G-CGKU/KU	Tutor T1	UGSAS	* UAJ42
08.ZZ331/331	Voyager K2	10/101sq	10 RRR2718/2773	07.ZM419/419	Atlas C1	24/70sq	RRR461
11.525	C-130J-30	Oman AF	13 MJN77	XX187/CN	Hawk T1A	100sq	Pirate24
A4O-OMN	B747-430	Gvmt of Oman	ORF1	XX346/CP	Hawk T1A	100sq	Pirate23
9K-GEA	A319-115	Gvmt of Kuwait	KUG082	06-6167	C-17A	436th AW	08 RCH552
12.09-9211	C-17A	62nd AW	RCH559				

08. 130607	CC-130J-30	436sq	CFC2584	96-1005	C-130H	109th AS MN ANG	26 RCH150
ZZ338/338	Voyager KC3	10/101sq	RRR2301	900530	C-26D	AOD Sigonella	CNV6325
99-00100	UC-35A	B/2-228th AVN	Duke95	165833	C-40A	VR-59	26 CNV4364
165836	C-40A	VR-57	CNV4206	N95NA	G-V	NASA JSC	NASA5
164993/BD	C-130T	VR-64	10 CNV3982/6529	26.ZM413	Atlas C1	24/70sq	* Comet461
10.ZH877/877	Hercules C4	24/47sq	* Comet113	ZF287/287	Tucano T1	72sq	LOP44
ZJ692	Sentinel R1	5sq	* Snapshot01	ZF317/317	Tucano T1	72sq	LOP40
ZK321/321	Typhoon FGR4	6sq mks	*	ZJ935/935	Typhoon FGR4	9sq	* Lossie14
91-1237	C-130H	165th AS KY ANG	RCH695	10-00259	C-12V-1	B/2-228th AVN	PAT989
91-1238	C-130H	165th AS KY ANG	RCH556	10-00260	C-12V-1	B/2-228th AVN	PAT993
03-00016	UC-35B	B/2-228th AVN	11 Duke95	03-0016	UC-35B	B/2-228th AVN	PAT004
11.ZM419	Atlas C1	24/70sq	* RRR471	74-1670	C-130H	186th AS MT ANG	27 RCH152
XX255/CB	Hawk T1A	100sq	* Pirate24	74-2132	C-130H	186th AS MT ANG	27 RCH185
ZM337	Phenom T1	45sq	CWL43/34	08-5715	C-130J-30	39th AS	27 RCH109
93-0603	C-17A	89th AS AFRC	RCH302	27.15003	CC-150	437sq	CFC3184
58-0071	KC-135T	6th ARW	12 RCH530	ZM411/411	Atlas C1	24/70sq	* RRR463
12.ZM413/413	Atlas C1	24/70sq	* Comet472	ZF145/145	Tucano T1	72sq	LOP28
ZK321/321	Typhoon FGR4	2sq	* Spartan21form	ZF287/287	Tucano T1	72sq	LOP43
ZK343/343	Typhoon FGR4	2sq	* Spartan21form	ZF407/407	Tucano T1	72sq	LOP55
166696	C-40A	VR-56	13 CNV6611	07-7178	C-17A	305th AMW	RCH899
13.T-264	KDC-10	334sq	NAF42	74-1661	C-130H	186th AS MT ANG	RCH704
ZE701	BAe146 CC2	32(TR)sq	NOH28	74-1679	C-130H	186th AS MT ANG	RCH556
XX255/CB	Hawk T1A	100sq	* Pirate24	08-5715	C-130J-30	39th AS	28 RCH109
XX346/CP	Hawk T1A	100sq	* Pirate24	09-5713	MC-130J	67th SOS	* Strix49
89-0282	MC-130H	15th SOS	14 RCH1014	95-00123	UC-35A	E/1-214th AVN	Duke33
13-5786	MC-130J	67th SOS	* Strix48	164993/BD	C-130T	VR-64	CNV6527
64-14831	KC-135R	197th ARS AZ ANG	Gold64/RCH564	28.84-0085	C-21A	76th AS	Valor99
05-0597	U-28A	319th SOS	14 RCH1018	96-1005	C-130H	109th AS MN ANG	RCH150
14.ZZ338/338	Voyager KC3	10/101sq	RRR2749	61-0305	KC-135R	6th ARW	29 RCH267
79-1712	KC-10A	305th AMW	15 Gold99	13-2014	A-29B	del to Afghan AF	29 Panther81
02-1105	C-17A	62nd AW	RCH882	17-2027	A-29B	del to Afghan AF	29 Panther82
03-3124	C-17A	437th AW	15 RCH635	17-2028	A-29B	del to Afghan AF	29 Panther83
61-0309	KC-135R	126th ARS WI ANG	15 Gold65	30.06-6161	C-17A	60th AMW	01 RCH241
62-3523	KC-135R	22nd ARW	15 RCH450	<u>Credits:MAR, Scramble messageboard.</u>			
16.ZZ343/343	Voyager K2	10/101sq	RRR2301	Waddington			
00-0180	C-17A	758th AS AFRC	17 RCH414	03.62-4127/OF	TC-135W	55th Wg	June 2019
84-0096	C-21A	76th AS	Falcon99	97-0219/LN	F-15E	492nd FS	05 Same50
58-0047	KC-135T	22nd ARW	17 RCH710	04.ZZ507	Shadow R1	14sq	* Bolar91
17.KAF342	C-17A	41sq	KAF3223	92-0364/LN	F-15E	494th FS	del to 14sq
18.85-0034	KC-10A	305th AMW	19 RCH800	96-0210/LN	F-15E	494th FS	* Panther41/42
84-00156	C-12U-3	E/1-214th AVN	Duke69	05.ZH877/877	Hercules C4	24/47sq	* Panther41/42
19.ZE701	BAe146 CC2	32(TR)sq	* NOH28	10.ZF145/145	Tucano T1	72sq	*
98-0054	C-17A	437th AW	RCH458	11.C-168	CL-604	Esk721	* LOP54
20.KAF342	C-17A	41sq	22 KAF3223	18.ZM413	Atlas C1	24/70sq	DAF6184
98-0054	C-17A	437th AW	21 RCH137	20.ZF345/345	Tucano T1	72sq	* RRR476
21.4/F-RAFQ	Falcon 900	ET00.060	CTM1280	UR-82073	An-124-100M	Antonov	* LOP23
90-0532	C-17A	156th AS NC ANG	23 RCH232	ZM303	Defender AL2	651sq	ADB3135
94-6705	C-130H	158th AS GA ANG	22 RCH107	23.UR-82073	Prefect T1	3FTS	AA501
84-00170	C-12U-3	D/204th Mi Bn	Rebel70	24.041	An-124-100M	Antonov	24 CWL68
00-01051	UC-35B	B/2-228th AVN	PAT869	G-MAOL	Falcon 20ECM	717Skv	25 NOW717A
N95NA	G-V	NASA JSC	22 NASA5	28.91-0306/LN	AW109SP	32(TR)sq	RRR1315
23.130608	CC-130J-30	436sq	24 CFC2594	91-0321/LN	F-15E	492nd FS	
24.09-0628	MC-12W	185th SOS OK ANG	25 JM13	<u>Credits: MAR, Scramble messageboard.</u>			
76-3301	LC-130H	139th AS NY ANG	25 RCH565				
25.ZZ176/176	C-17A	99sq	RRR815				
XX187/CN	Hawk T1A	100sq	Pirate24				



Jeep Stoker visited March Air Reserve Base on 28 May 2019 and encountered this McChord AFB C-17A 09-9209 during its stopover.



A relatively new type on the near-saturated regional jet market is the Mitsubishi MRJ90, or Mitsubishi Regional Jet. However, the development has suffered setbacks and was due to start being delivered back in 2013 (they now anticipate first deliveries in 2022). Mitsubishi had recently decided to rename the MRJ to SpaceJet and also to reduce the capacity to seventy seats, in order to attract more orders from the United States. They hope to capture a slice of the pie that is currently dominated by Embraer and Bombardier. It made a stop at Maastricht Aachen Airport to be repainted, where Bjorn van der Velpen took this picture on 15 June 2019 prior attending the Paris Le Bourget air show.

Manufacturers News

Airbus

A321-200NY

As an addition to last month's news about the new Airbus A321XLR, it has become clear that the new A321XLR launched at the Paris Air Show in June will need a new certification and will be designated as A321-200NY. We now have three certifications and type designations for the P&W PW1100 or CFM LEAP powered Airbus A321-200 NEO family:

- 1) the standard Airbus A321-200N (same fuselage and door configuration as the "familiar" Airbus A321-200).
- 2) the Airbus A321-200NX with new door configuration (ACF). When fitted with 97t MTOW option and Additional Fuel Tank (ACT) option, it is marketed as A321NEO LR.
- 3) The Airbus A321-200NY which will feature a new 101t MTOW and a new Permanent Rear Tank (RCT) and some other aerodynamic changes when it becomes available in 2023. Aircraft is marketed as A321 NEO XLR.

Bombardier

Bombardier and Mitsubishi Heavy Industries (MHI) announced on 25 June an agreement in which MHI will acquire the CRJ program, subject to customary shareholder and regulatory approvals. Closing is expected in the second half of next year. "Bombardier will continue to supply components and spare parts and will assemble the current CRJ backlog on behalf of MHI. CRJ production is expected to conclude in the first half of 2020, following the delivery of the current backlog of aircraft," the companies said in a statement.

During the second week of July 2019 Bombardier reached the 300 delivery marker on their Challenger 350 model. Since May 2013 the upgrade on the Challenger 300 jet, around since 1999, has been in the ten seat segment for medium range transportation. Average deliveries of the CL-350 over the past three years remained near the sixty jets per year.

Bombardier is also working on a rescoped version of their Learjet 75 model. Losing two seats on board, increased fuel loads and improved performances will be combined with a price tag of USD 10 million. Available from Q2 2020 these

modifications and adjustments should bring the largest Learjet model in better competing position with the Ce525 CJ3+ and EMB505 Phenom 300E.

Cirrus

SF50G2

Already announced in Scramble 477, the FAA approved the Cirrus Vision jet G2 certification in January 2019. Six months later, on 8 July to be precise, the European counterpart EASA did the same. At this moment 35 SF50G2s have been delivered so far with the target still at eighty Vision jets at year's end.

Embraer

Good news on the KC-390 programme as Portugal has firmed its order for five KC-390s. First delivery is expected in February 2023 and at the rate of one delivery per year all five should be delivered by 2027.

On 28 June 2019 Embraer also revealed the first European EMB550 Praetor 600 being delivered as the EASA approval certification was received two months before. In Q3 2019 the same routine is expected for the EMB545 Praetor 500. Overall Embraer sticks to their delivery target for ninety up to 110 business jets to be delivered for this year.

Gulfstream

Dedicated customer Qatar Executive boosted Gulfstream business jet sales again in July with another billion US Dollar order. This time fourteen G650ERs and four G500s and these jets will be joining earlier orders from 2014/2015 for thirty G650ERs, G600s and G500s. These latter ones are expected to be delivered before 2022 so afterwards the latest order deliveries can be expected.

Mitsubishi Aircraft

M90/M100 SpaceJet

Just ahead of the Paris Air Show Mitsubishi Aircraft announced the transformation of the MRJ70/90 into the SpaceJet series. The MRJ90 has been rebranded into the M90 with JA23MC being repainted at MAAS/Maastricht in the Netherlands to promote the M90 SpaceJet in Paris. The shorter MRJ70 development has been rebranded to the M100. Apart from the new exterior some setbacks in the US market caused delays in the entire programme. The M90 SpaceJet, is not compliant with

the US Scope Clauses in pilot labour contracts; it is too heavy. The M90 may be used anywhere else in the world. Entry into service is foreseen in the second half of 2020. For the M100 three more years needed to be added.

As stated by the Bombardier news section Mitsubishi Heavy Industries (MHI) is eager to take over Bombardiers CRJ-programme. MHI will acquire the maintenance, support, refurbishment, marketing, and sales activities. The CRJ programme includes the airplane, the global product support and sales force, manufacturing facilities and other assets. A customer base of 1,300 airplanes and more than 130 operators worldwide. From sales point of view the showroom of CRJ900/CRJ1000 can be used by MHI as gap filler until their M90/100 programme is up and running and acting stable as competition for the EMB175E2/190E2/195E2 series. Time will tell how this story evolves.

Nextant Aerospace

CL-604XT

Following the success of the Nextant Aerospace G90XT and 400XT series, Nextant also reports good progress on their Challenger 604 modification programme. When reaching July 2019, they completed their fifteenth upgrade out of thirty in total for 2019. This programme was launched in 2017, and involves the installation of a Collins Aerospace Pro Line Fusion cockpit. Among the flight deck upgrade, the modification also includes an interior revamp and performance enhancements. All work being executed at the plant at Cleveland (OH).

Airliner News



Chair Airlines was founded in June 2019. The airline currently operates out of Zurich with three 150-seater Airbus A319 aircraft. One of them is pictured HB-JOH. The airline is the successor to the former Germania Flug. (Palma de Mallorca, 19 June 2019, Ton Jochems)

Europe

Croatia

Trade Air plans to retire its Fokker 100 fleet and replace them with Airbus A319s in 2021.

Latvia

To show its strong ties to Estonia, Air Baltic has painted A220-300 YL-CSJ into a special livery featuring the Estonian-flag.

Asia

China

Air China has ordered twenty additional A350-900s. The new planes are scheduled to be delivered between 2020 and 2023. The airline also took the option to convert the last five planes on order into the larger A350-1000.

Textron Aviation

In the third week of July 2019 Textron reported the Q2 results over 2019 and some glimpse into the upcoming months. Compared to 2018 results the 2019 data shows a drop in deliveries; 46 jets and 34 turboprops delivered weighted against 48/47 in 2018. Global economics and uncertain financial tariffs slowed down the Cessna and Bell brands within Textron.

The Cessna 700 Longitude project for a new twelve seat business jet in the Citation family also caused set-backs. Certification by the FAA should have been completed in Q1 2019 and has been rescheduled to Q3 2019. On the other hand, Textron also expects to perform first flights of its Cessna Denali business turboprop and Cessna 408 SkyCourier twin engine turboprop later this year.

And the storm is not over at Textron's Cessna brand as on 17 July the company reported to suspend the Cessna Hemisphere programme. Main reason is the Safran Silvercrest engine not meeting expectations and requirements. It seems the High Pressure Compressor caused problems and the redesigned modification did not solve the problems. Hemisphere launch customer NetJets, 150 jets on order since October 2018, has been informed about the development issues and has not responded officially on their order status. For Safran this is the second failure on the Silvercrest as it first blew the Dassault 5X project in 2017.

Textron also reported on 2 July 2019 the delivery of the 300th Ce525C CJ4. Lucky owner was McNeilus Steel, a US metal distribution company.

India

TruJet will take delivery of five ATR72s by the fourth quarter of this year. Furthermore, the airline intends to buy another five to eight ATR72s in 2020-2021.

Indonesia

Citilink is eyeing long-haul services to Europe and Saudi Arabia with A330neos. Although Citilink does not have A330s on order, parent Garuda does. The airline has already mentioned Frankfurt as its European destination from October this year.

Latin America

Surinam

Fly All Ways is planning to end its Fokker 70 operations after having put its three Fokker 70s up for sale, and is hoping to get



Malta Air is a new Ryanair subsidiary. Within a few weeks eleven Boeing 737-800s were transferred from the Irish to the Maltese register. It is expected that the aircraft will be repainted in an own livery in the near future. Pictured 9H-QAE is former EI-GDR. (Cologne-Bonn, 23 June 2019, Robert Eikelenboom)

USD 7.8 million for them. They connect its Paramaribo International main base with Santo Domingo Las Américas, Santiago de Cuba, and Havana, as well as Curacao (and onwards to Santo Domingo Las Américas). Their website states that the Fokkers have proven their reliability and that passengers can look forward to a modern aircraft with more comfort and capacity. Last year the CEO revealed it was considering the Boeing 737-400/800.

North America

Canada

If you wish to take a flight on an A310, be quick to book a flight with [Air Transat](#), as its last A310 service is scheduled for 27 April 2020.

United States of America

After eighteen years of service, [Frontier Airlines](#) intends to withdraw its last A319 in the fourth quarter of this year.

[National Airlines](#) will add three former Cathay Pacific B747-400Fs, which have been stored at Marana (AZ) for some time.

[United Airlines](#) will add nineteen B737-700s between December 2019 and 2021.

Middle East

Saudi Arabia

[Flyadeal](#), the low-cost subsidiary of Saudia has decided not to firm their order for thirty B737MAX8s. Flyadeal also planned options for twenty more B737MAX8s. The airline has decided this as the current issues with the MAX endangers their growth plan timeline. As a replacement Flyadeal will now take delivery of at least thirty Airbus A320neos, which are probably coming from the orders Saudia has on order with the manufacturer.

Oceania

Australia

Australian operator [Alliance Airlines](#) has agreed with Swiss airline [Helvetic Airlines](#) to acquire its entire fleet of five Fokker 100s, spare engines, parts and tooling. They already operate the largest Fokker fleet in the world and after Fokker Services also the largest supplier of parts.

Aircraft orders

Underlining means an update compared to last month. We only report firm orders when they are officially announced by the aircraft manufacturers.

Airbus 2019 firm orders

Aer Lingus	6	A321neo
Air Vanuatu	2	A220-100

All Nippon Airways	2	A220-300	
Atlantic Airways	18	A320neo	
American Airlines	2	A320neo	
American Airlines	20	A321neo	
Delta Air Lines	5	A220-100	
Iberia	8	A321neo	
Jetblue Airways	10	A220-300	
Lufthansa	20	A350-900	
Lufthansa Technik (for Luftwaffe)	3	A350-900	
Private	1	ACJ320neo	
	1	ACJ350-900	
Qantas	10	A321neo	
Saudia	30	A320neo	
Starlux	5	A350-900	
	12	A350-1000	
Uganda Airlines	2	A330-800	
Unidentified	43	A320neo	(+23)
	13	A321neo	
Total	213		(+145)

ATR 2019 firm orders

Air Tahiti	2	ATR42-600S
Avation	8	ATR72-600
Elix Aviation Capital	10	ATR42-600S
Nordic Aviation Capital	35	ATR72-600
Total	55	

Boeing 2019 firm orders

Air Lease Corporation	1	B787-9	
Bamboo Airways	10	B787-9	
Boeing Capital Corporation	1	B787-9	
British Airways	18	B777-9	
DHL	4	B777F	
FedEx	6	B767-300F	
Lufthansa	20	B787-9	
Private	1	BBJMAX	
Royal Air Force	4	P-8A	
Royal Norwegian Air Force	5	P-8A	
Unidentified	16	B737	
	4	B787-9	
	4	B787-10	
UPS	4	B767-300F	
US Navy	10	P-8A	
Total	108		
			(+9)

Bombardier & De Havilland Canada 2019 firm orders

Chorus Aviation	9	CRJ900
Petroleum Air Services	1	CRJ900
TAAG Angola Airlines	6	DHC-8-400Q
Total	16	

Embraer 2019 firm orders

Air Peace	10	E195-E2
Binter	2	E195-E2
Fuji Dream Airlines	2	E175

KLM cityhopper
United Airlines
Total

15 E195-E2
20 E175
49

Credits: Aviator.aero, CH-Aviation, Scramble Messageboard, Airbus, Boeing, ATR, Bombardier, De Havilland Canada, Embraer and Flight Global.

Jetliners



Bulgaria's Holiday Europe was established in 2019. According to their website they have planned to start operations in June 2019 with a single A321. The particularly aircraft, TC-OBZ, is already repainted in full colours and will be operated by Onur Air. Until now it is still used by Onur Air on their own flights. (Amsterdam-Schiphol, 7 July 2019, Robert Eikelenboom)

A220	-100	50018	HB-JBI	Swiss. Delivered on 2 July.
A319	-115 (ACJ)	2592	P4-MBO	Comlux Aruba, ex LX-MCO of Global Jet Luxembourg. Delivered late June.
	-111	3950	LY-JAY	GetJet Airlines, ex D-ASTR of Germania. Delivered on 12 July.
A320	-231	76	ZS-GAS	Corendon Airlines, ex Global Aviation Operations. Delivered on summer lease on 5 July.
	-231	260	EK32003	Atlantis European Airways, ex N260MD of Jetran LLC. Delivered on 20 June. Former XA-MXT of Mexicana. Aircraft has been stored at Mexico from 28 August 2010 until 29 July 2017 after which it had been stored at various locations in the US.
	-212	466	UR-CSS	Anda Air, ex UR-CQM of Fanair. Delivered on 16 July.
	-232	709	LY-VEQ	SunExpress, ex LY-VEQ of Avion Express. Delivered on lease on 29 June. The aircraft returned to Avion Express from a lease with Norwegian a day before.
	-232	1183	ES-SAP	Jet2, ex SmartLynx Estonia. Delivered on summer lease on 29 June. The aircraft returned to SmartLynx Estonia from a lease with TUI fly Belgium a day before.
	-232	1349	EC-LRM	Gowair Vacation Airlines, ex Vueling Airlines. Delivered on 8 July. Placed on a lease with TUI fly Belgium on 10 July.
	-214	1578	ES-SAT	SmartLynx Estonia, ex HK-5164 of Viva Air Colombia. Delivered on 13 July. Placed on a lease with TUI fly Belgium a few days later.
	-214	2764	XU-903	Lanmei Airlines, ex 2-AAFG of AirFinance Germany. Delivered on 10 July. Former A6-ABF of Air Arabia.
	-232	2987	LZ-BHL	BH Air - Balkan Holidays International, ex LY-SPB of Small Planet Airways. Delivered on 5 July. Registered in between as VP-CAG of ACG – Aviation Capital Group.
	-214	3631	XA-BIG	Interjet, ex VP-BZP of Aeroflot. Delivered on 17 July.
	-214	4376	9K-CAU	Jazeera Airways, ex HZ-AS19 of Saudia – Saudi Arabian Airlines. Delivered on 17 July.
	-214	4393	AP-BNU	Airblue, ex HZ-AS36 of Saudia – Saudi Arabian Airlines. Delivered on 11 July. Registered in between as OE-IGQ of GECAS.
	-214	4394	AP-BNV	Airblue, ex HZ-AS37 of Saudia – Saudi Arabian Airlines. Delivered on 11 July. Registered in between as OE-IGT of GECAS.
	-214	4397	RP-C8946	AirAsia Philippines, ex HZ-AS34 of Saudia – Saudi Arabian Airlines. Delivered on 30 June. Registered in between as OE-IGU of GECAS.
	-271N	8483	P4-KBI	Air Astana. Delivered on 1 July. Test registration was D-AXAP.
	-271N	8860	P4-KBJ	Air Astana. Delivered on 9 July. Test registration was F-WWVW.
	-251N	8863	TC-NCG	Pegasus Airlines. Delivered on 12 July. Test registration was D-AXAS.
	-271N	8890	VP-BWT	S7 Airlines. Delivered on 1 July. Test registration was D-AVVS.
	-251N	8904	TC-NCC	Pegasus Airlines. Delivered on 16 July. Test registration was F-WWVW.
	-251N	8918	OY-RCK	Atlantic Airways (Faroe Islands). Delivered on 12 July. Test registration was D-AXAJ.
	-214	8951	D-AIWI	Lufthansa. Delivered on 15 July. Test registration was D-AUAL.
	-251N	8982	G-UZLA	easyJet. Delivered on 11 July. Test registration was D-AUAS.
	-271N	9078	EC-NFH	Vueling Airlines. Delivered on 23 July. Test registration was F-WWDC.
	-251N	9088	CS-TVF	TAP Air Portugal. Delivered on 23 July. Test registration was F-WWVW.
	-251N	9114	TC-NCD	Pegasus Airlines. Delivered on 23 July. Test registration was F-WWVW.
A321	-211	2330	UR-CSU	CAA - Compagnie Africaine d'Aviation, ex UR-CSU of Jonika Airlines. Delivered on lease on 30 June.
	-211	2342	YL-LDB	SmartLynx, ex SP-HAW of Small Planet Airlines Poland. Delivered on 6 July. Placed on a lease with TUI fly Belgium on 21 July.
	-211	5843	D-ATCF	Condor Flugdienst, ex HB-JOI of Germania Flug. Delivered on 15 July.
	-211	7650	C-GJTX	Air Canada rouge, ex TF-WIN of WOW air. Delivered on 5 June.
	-271NX	8740	TC-LSF	Turkish Airlines. Delivered on 29 June. Test registration was D-AVAZ.
	-251NX	8796	CS-TSH	Azores Airlines. Delivered on 8 July. Test registration was D-AVZD.
	-271NX	8823	N2002J	jetBlue Airways. Delivered on 29 June. First A321NEO for JetBlue. Aircraft is an "LR" variant, so we will probably see this aircraft on some European routes. Test registration was D-AVXK.
	-271NX	8876	C-GOIF	Air Transat. Delivered on 28 June. Aircraft is also an "LR" variant, so chances are there we will see this

	-251NX	8897	A6-ATC	aircraft in Europe. Test registration was D-AVZT.
	-271NX	8941	HA-LVE	Air Arabia. Delivered on 19 July. Test registration was D-AVXG.
A330	-243	261	EC-MNY	Wizz Air. Delivered on 24 July. Test registration was D-AVYX.
	-223	262	CS-TQW	Garuda Indonesian Airways, ex Wamos Air. Delivered on Hajj lease on 4 July.
	-243	265	EC-MJS	Garuda Indonesian Airways, ex Hi Fly. Delivered on Hajj lease on 1 July.
	-343E	579	OO-SFL	Garuda Indonesian Airways, ex Wamos Air. Delivered on Hajj lease on 3 July.
	-203	900	TC-AGF	Eurowings, ex D-AIKC of Lufthansa. Delivered on 3 July. Aircraft is operated by Brussels Airlines.
				AtlasGlobal, ex 2-RLBA of Apollo Aviation Group. Delivered on 16 July. Former AP-BML of Shaheen Air International.
	-343E	1132	OO-SFF	Brussels Airlines, ex 9V-STO of Singapore Airlines. Delivered on 23 July.
	-243F	1386	B-308P	Sichuan Airlines, ex A7-AFY of Qatar Airways. Delivered on 13 July.
	-243F	1406	B-308Q	Sichuan Airlines, ex A7-AFZ of Qatar Airways. Delivered on 10 July. Registered in between as D-ALAC of BOC Aviation.
	-941N	1909	CS-TUJ	TAP Air Portugal. Delivered on 12 July. Test registration was F-WWCL.
	-941N	1913	CS-TUK	TAP Air Portugal. Delivered in Star Alliance colours on 19 July. Test registration was F-WWYR.
	-941N	1926	PK-LEI	Lion Air. Delivered on 19 July. First A330NEO for Lion Air. Test registration was F-WWYA
	-343E	1928	SE-REH	SAS Scandinavian Airlines. Delivered on 5 July. Test registration was F-WWCW.
A340	-313X	332	N332FY	80C2 Partners LLC, ex RP-C3437 of Philippines - Philippine Airlines. Registered in the US on 8 July. Aircraft has been stored at Orlando-Sanford (FL) since 27 February.
	-642	798	2-AGDD	Castlelake, ex A7-AGD of Qatar Airways. Registered in the Guernsey register early July. The aircraft was ferried to Kemble for storage and scrapping on 5 July.
A350	-941	314	D-AIXO	Lufthansa. Delivered on 17 July. Test registration was F-WZGA.
	-941	318	B-308T	China Southern Airlines. Delivered on 28 June. Test registration was F-WZGP.
	-941	322	9V-SHI	Singapore Airlines. Delivered on 28 June. Test registration was F-WZFL.
	-941	324	B-LQA	Cathay Pacific Airways. Delivered on 9 July. Test registration was F-WZGL.
A380	-841	114	9M-MNF	Flynas, ex 9M-MNF of Malaysia Airlines. Delivered on Hajj lease early July.
	-842	249	A6-EVD	Emirates. Delivered on 19 July. Test registration was F-WWWSM.
B737	-3L9	27061	LY-BGS	KlasJet, ex EW-404PA of Belavia - Belarusian Airlines. Delivered on 10 July.
	-3H4	27708	LZ-BVU	Bul Air, ex N635SW of Bank of Utah. Delivered on 5 July.
	-49R	28882	LZ-CGY	Smartwings. Leased from Cargo Air per 18 July.
	-85F	30567	9H-CRI	Blue Panorama Airlines, ex 2-RLBE of UMB Bank NA Trustee. Delivered on 24 July.
	-809	30664	OK-TSV	Smartwings, ex OE-IBF of Wilmington Trust SP Services (Dublin) Ltd. Delivered on 4 July.
	-8Q8	30693	SP-LWE	LOT Polish Airlines, ex 2-SNGP of Carlyle Aviation Partners. Per 13 July.
	-83N	32348	N547RL	Bank of Utah, ex TC-IZD of Pegasus Airlines. Registered on 22 July.
	-7CT	35086	EK73786	Armenian Airlines, ex 4L-TGO of Georgian Airways. Delivered on 5 July.
	-86N	35210	I-LCFC	Blue Panorama Airlines, ex VP-BYN of CAE Parc Aviation. Delivered on 16 July.
	-8EH	35850	TC-COH	Corendon Airlines, ex N358AB of Wells Fargo Trust Co NA Trustee. Delivered on 18 July.
	-86N	36817	VQ-BBV	SmartAvia, ex VT-JBM of Jet Airways. Delivered on 25 July.
	-8AL	39063	VP-BBD	SmartAvia, ex 2-TJFQ of Elphin Aircraft Leasing Ltd. Delivered on 11 July.
	-8KN	40247	ZS-ZWY	Comair, ex A6-FDT of FlyDubai. Delivered on 18 July. Is in British Airways colours.
	-82R	40727	ZS-ZWX	Comair, ex TC-ARP of Pegasus Airlines. Delivered on 11 July. Is in British Airways colours.
	-800	44793	9H-QAK	Malta Air, ex EI-FZT of Ryanair. Transferred on 3 July.
	-800	44817	9H-QAJ	Malta Air, ex EI-GDX of Ryanair. Transferred on 2 July.
B747	-47C	24731	N7477C	CSDS Asset Management LLC, ex 20-1102 of JASDF - Japanese Air Self-Defence Force. Registered in the US on 1 July. Aircraft has been stored at Marana (AZ) since 19 June.
	-419	26910	EC-MDS	Garuda Indonesian Airways, ex Wamos Air. Delivered on Hajj lease on 2 July.
	-4H6	28427	EC-MQK	Garuda Indonesian Airways, ex Wamos Air. Delivered on Hajj lease on 3 July.
	-4H6	28435	EC-MRM	Garuda Indonesian Airways, ex Wamos Air. Delivered on Hajj lease on 2 July.
	-8F	64262	N616UP	UPS - United Parcel Service. Delivered on 27 June. Line # 1554.
B757	-223PCF	24617	EC-NFN	Cygnus Air, ex N659AA of Bank of Utah. Delivered on 23 July.
B767	-316ER	29228	N304CM	Cargo Aircraft Management, ex CC-CZT of LATAM Airlines Chile. Registered in the US on 2 July. Aircraft



Recently Blue Panorama Airlines has transferred a lot of their Boeing 737s to the Maltese register. Latest addition is pictured Boeing 737 with Italian registration I-LCFC. It was delivered on 16 July and is a former Air China one (B-5177). While on delivery it visited Shannon on 17 July 2019 were Adrian Kissane was present to take this picture.



LOT Polish Airlines is expanding its Embraer fleet with newly delivered and also second hand aircraft from around the globe! They are receiving Embraer's straight from the factory but also from operators Azul Linhas Aéreas Brasileiras and Saratov Airlines. From the last airline they took over two and they were put into service with only LOT Polish Airlines titles and the Polish registration. SP-LNO is seen here in basic Saratov colours at Amsterdam-Schiphol on 17 July 2019 by Robert Eikelenboom.

	-300F	63107	N176FE	was withdrawn from use by LATAM in April and will probably be converted to freighter.
B777	-2H6ER	28417	N709MU	FedEx Express. Delivered on 15 July. Line # 1185.
	-212ER	33369	HS-XBF	Delta Material Services, ex VP-BDW of VIM Airlines. Registered in the US on 17 July. Aircraft has been stored at Tereul since 14 October 2017 and will probably be used for spares by Delta Air Lines.
	-F	40682	N876FD	NokScoot, ex 9V-SRP of Singapore Airlines. Delivered on 21 July.
	-F	41737	N894FD	FedEx Express. Delivered on 28 June. Line # 1608.
	-300ER	61514	JA795A	FedEx Express. Delivered on 23 July. Line # 1612.
	-300ER	63435	HL8347	ANA - All Nippon Airways. Delivered on 2 July. Line # 1598.
B787	-9	38801	SU-GET	Korean Air. Delivered on 28 June. Line # 1609.
	-9	39669	A6-BNB	EgyptAir. Delivered on 30 June. Line # 869.
	-9	39680	A6-BNA	Etiihad Airways. Delivered on 12 July. Line # 864.
	-10	42485	PH-BKA	Etiihad Airways. Delivered on 28 June. Line # 860.
	-9	60326	B-20AF	KLM Royal Dutch Airlines. Delivered on 30 June. First 787-10 for KLM. Aircraft has special 100 years anniversary markings. While British Airways has painted four aircraft in special retro colours to celebrate their debatable 100 year anniversary, all what KLM does are just a few lousy stickers. What a missed opportunity for the oldest airline in the world! Line # 862.
	-10	62685	JA901A	Suparna Airlines. Delivered on 23 July. Line # 868.
	-9	62727	B-208T	ANA - All Nippon Airways. Delivered on 2 July. Line # 852.
	-9	62728	B-20AL	Hainan Airlines. Delivered on 13 July. Line # 808.
	-9	63713	B-20AJ	Hainan Airlines. Delivered on 15 July. Line # 841.
	-9	63714	B-20CD	Shanghai Airlines. Delivered on 29 June. Line # 854.
	-9	63984	B-20AA	Shanghai Airlines. Delivered on 16 July. Line # 871.
	-8	64437	UK78705	China Southern Airlines. Delivered on 29 June. Line # 850.
	-9	65087	SU-GEV	Uzbekistan Airways. Delivered on 1 July. Line # 867.
	-9	65094	4X-EDL	EgyptAir. Delivered on 23 July. Line # 877.
	-9	65802	TC-LLB	El Al Israel Airlines. Delivered on 13 July. Line # 875.
	-9	65803	TC-LLC	Turkish Airlines. Delivered on 9 July. Line # 873.
ERJ	145EP	145245	G-SAJF	Turkish Airlines. Delivered on 21 July. Line # 879.
	145EP	145390	G-SAJS	Loganair, ex G-RJXE of Loganair Re-registered on 22 June.
	135BJ	14500802	N888AT	Loganair, ex G-RJXG of BMI Regional. Delivered on 19 July.
				Gloo View LLC, ex XA-VBH of Private. Registered on 10 July.



Due to a huge refuelling system problem at Amsterdam-Schiphol on 24 July many flights were cancelled or diverted to other airports. One of the aircraft involved was Arkia's A321neo 4X-AGN. It was diverted to Rotterdam-The Hague and was ferried to Amsterdam-Schiphol the following day. (Maarten Visser Sr, 25 July 2019, Rotterdam-The Hague)

195LR	19000084	SP-LNO	LOT Polish, ex VQ-BAI of Ivolga Airlines. Per 2 July.
195LR	19000093	SP-LNP	LOT Polish, ex EI-GAZ of Celestial Aviation Trading 5 Ltd. Delivered in July.
195LR	19000184	OY-GDB	Great Dane Airlines, ex EI-GGA of Stobart Air. Delivered on 15 July.
195AR	19000413	SP-LNN	LOT Polish, ex PR-AYR of Azul Linhas Aéreas Brasileiras. Delivered on 4 July.
190LR	19000465	G-LCAB	British Airways, ex EI-GOZ of CDB Aviation. Delivered on 21 July.

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

Commuters

ATR42	-500	495	F-GPYF	Air Antilles Express, ex HOPI. Delivered on 19 June.
ATR72	-212A	767	SX-NIV	Sky Express, ex 2-SWKE of Elix Assets 12 Ltd. Delivered in June.
Beech 1900 D		UE-385	9H-MDM	Medavia - Mediterranean Aviation Company, ex ZS-AEA of Solenta Aviation. Delivered late July.
DHC-8	-314	443	VP-BNS	Yakutia Air, ex C-FBXG of Avmax Aircraft Leasing Inc. Delivered on 21 July.
	-402	4539	VH-IYJ	Cobham Aviation Services Australia, ex OE-IIP of Celestial Aviation Trading 12 Ltd. Delivered on 24 July.
Saab 340	B	171	ES-NSD	Loganair, ex NyxAir. Leased per 26 June.
	B	441	N441FF	CAE Aviation, ex Aircraft Guaranty Corp. Trustee. Delivered on 29 May.

Fokker News

F27	-500	10378	5Y-GMD	AeroSpace Consortium.
	-500	10448	5Y-GMC	AeroSpace Consortium. After André Alders visited Africa he checked the construction number plates of 5Y-GMD, which revealed its correct ID. That means that 5Y-GMC was the other construction number, with this now being the correct tie-up. TIA or This Is Africa...
	-050	20159	SE-MFZ	Amapola Flyg. Seen Malmo 16 July, still as OO-VLQ in VLM Airlines colours, with 25-years Antwerp-London City sticker. Was already delivered 30 November 2018.
F28	-0100	11496	UP-F1007	Bek Air, ex Safe Air. Arrived back at Almaty, Kazakhstan, on 16 July as Z92223, after wet-lease to Safe Air.
	-0070	11556	PZ-TFA	Fly All Ways.
	-0070	11570	PZ-TFB	Fly All Ways.
	-0070	11579	PZ-TFC	Fly All Ways. The company has put up its fleet of 70s for sale without revealing a successor, although the CEO did reveal last year that it was considering the Boeing 737-400/800.
	-0070	11581	5Y-JWF	Jetways Airlines. Already delivered to Nairobi-Wilson on 3 October last year, but only repainted recently and made a test flight from Wilson on 17 July, prior entry into service.
	-0070	11582	PJ-JAC	JetAir Caribbean, ex PH-KZD, P2-ANB Air Niugini. Registered 5 July. Already arrived at Curacao on 20 March this year.

Credits: Andre Alders, Merv Crowe, Skyliner.

Bizjets

BAe	125-900XP	HA-0018	P4-JHT	Noted Chester-Hawarden on 10 July, ex OK-HWK.
	125-900XP	HA-0148	ZS-MIG	Pick N Pay, ex OD-MGI. Registered on 1 April.
Beech	400XT	RK-365	G-FXAP	Former N456FL of Flight Options LLC was sold to Flexjet Ltd. recently.
Cessna	525	0118	OO-EUR	Noted Rotterdam on 26 June, ex D-IRWR.
	525	0393	ZS-CIJ	Agri Lime, ex D-IXXX. Registered on 22 May.
	525	1023	HB-VWI	Calanda Wings, registered on 27 June.
	525C	0118	OE-GDR	Salzburg Jet Aviation, ex D-CAMO. Registered in June.
	560XLS+	6270	G-SKAL	Sovereign Business Jets, registered on 4 July.
	680	0015	N272MH	Bank of Utah, ex CC-ALZ. Registered on 11 June.
	680	0071	N977TC	Texas Childrens Hospital, ex C-FRKF. Registered on 13 June.
	680	0139	N680CR	Textron Aviation, ex OK-UNI. Registered on 25 June.
	680	0315	N468CN	Sovereign of the Sky, re-registered from N468CE on 17 July.
	680+	0543	N686CP	CP Air, re-registered from N543CF on 10 July.
	680+	0586	OK-JRS	Smartwings, registered on 26 June.
	680+	0587	N868WT	TVPX Aircraft Solutions, registered on 2 July.
	680A	0203	OE-GLR	Goldeck-Flug, registered in June.
	750	0234	N420KM	420 Aviation, re-registered from N750WS on 10 June.
Challenger	300	20080	N960GR	Progressive Casualty Insurance, re-registered from N960CR on 7 June.
	300	20088	C-GDGO	Aviation CMP, ex N31TF. Registered on 17 June.
	300	20093	N307JW	Lawrence G. Finch, re-registered from N618K on 18 June.
	300	20107	N776CJ	Taldav Holdings Two, re-registered from N394WJ on 9 July.
	300	20126	N971MC	MC3 Air, re-registered from N995G on 19 June.
	300	20147	N490CB	Comerica Leasing, re-registered from N480CB on 24 June.
	300	20245	N624KD	Baron Properties, ex C-GUEI. Registered on 5 June.
	300	20380	N221SV	High Hills, re-registered from N60AD on 2 July.
	350	20549	N800CC	Spectrum Communications Indemnity, re-registered from N800NY on 10 July.
	350	20765	N316K	Corporate Jet Leasing, re-registered from N350FA on 25 June.
	350	20791	N350VS	Bombardier Aerospace, ex C-GJUS. Registered on 7 June.
	350	20795	N350AT	Bombardier Aerospace, ex C-GIVW. Registered on 26 June.
	350	20801	N702QS	NetJets, ex C-GOWO. Registered on 28 June.
	350	20802	N350DX	Bombardier Aerospace, ex C-GOWQ. Registered on 11 June.
	350	20803	N350CN	Bombardier Aerospace, ex C-GOXA. Registered on 19 June.
	350	20804	N350CK	Bombardier Aerospace, ex C-GOXB. Registered on 17 June. Registered to Silver Britches Air on 1 July.
	604	5356	N622JD	Zero Six Air, ex 5N-BSP. Registered on 28 June.
	604	5371	N400DH	DH11, re-registered from N426ND on 15 July.
	604	5502	N626LP	TVPX 2019 8400 Business Trust, re-registered from N137DB on 28 June.
	604	5521	VH-OFA	Spa Leasing No 3, ex A37-001. Registered on 24 June.
	604	5526	G-DAYA	Gama Aviation, re-registered from G-RCAV on 26 June.



Dominican-based Helidosa Aviation Group does not only operate helicopters as the name would suggest. They have added four Gulfstreams to their fleet in the past two years. Gulfstream IVSP HI1050 joined Helidosa in February of this year and is c/n 1482. (Amsterdam-Schiphol, 6 July 2019, Gideon van Dijk)

	650	6126	N332BA	Bombardier Aerospace, ex C-GCHG. Registered on 12 June.
	650	6137	C-FFMI	Bombardier, re-registered from C-GIBQ on 27 June.
Embraer	505	50500274	N274PF	Ex Air TNB F-HPJL was sold back to Embraer Executive Aircraft Inc.
	505	50500511	D-CROG	This brand new Phenom 300 was delivered to Air Hamburg Private Jet in June.
	505	50500514	CS-PHN	Another brand new Phenom 300 delivered to Europe, this time for NetJets.
Falcon	7X	23	N307LC	West Main Aviation II, re-registered from N189SW on 27 June.
	7X	142	PP-VSS	São Fernando Empreendimentos e Participações, ex N577JF. Registered on 11 June.
	7X	216	N216DA	Avpro, ex M-ARVY. Registered on 6 June.
	8X	444	N8X	Dassault Falcon Jet, re-registered from N444FJ in June.
	50	76	N75CH	Delhar Falcon, re-registered from N450CL on 14 June.
	50-4	81	N33AP	Adams Office, re-registered from N504CX on 1 July.
	50	84	N708JD	West Cherry Sales, re-registered from N700JD on 12 July.
	900B	114	N258UT	Bank of Utah, ex XA-RFB. Registered on 28 June.
	900B	137	N199BB	Bergwood Shores, re-registered from N35RZ on 20 June.
	900EX	3	N1900B	PHH Leasing, re-registered from N760 on 18 June.
	900EX	47	N58CX	Corning, re-registered from N58CG on 17 July.
	900EX	112	N212U	900EX, re-registered from N587DZ on 10 June.
	900EX	215	N1987G	Gig Air, re-registered from N375SC on 21 June.
	2000	155	N366SM	Dumont Aircraft Charter, re-registered from N255QS on 3 July.
	2000EX	113	N66MD	Worthida, ex M-CIMO. Registered on 13 June.
	2000LX	136	N610SW	Priester Aviation, re-registered from N610SN on 27 June.
	2000LX	174	N1922G	Granite Construction, re-registered from N905NB on 12 July.
	2000LX	240	N1VM	Childress Klein Management Services, re-registered from N606RB on 1 July.
	2000LX	261	N46E	TVPX Aircraft Solutions, re-registered from N34HC on 15 July.
	2000LXS	357	N357FJ	Dassault Falcon Jet, registered on 24 June.
Global	Express	9068	T7-ELL	Addition to Scramble 482. Registered on 20 June.
	Express	9103	N430BN	Ex N122BN, reregistered on 27 June.
	XRS	9239	N349BA	Delivered to Bombardier on 27 June, ex C-GDTR of Skyservice Aviation, see 9850 .
	6000	9537	VP-	Exported from the USA to the Cayman Islands on 16 July, ex N537LG.
	6000	9850	C-GDTR	Delivered to Skyservice Aviation on 18 July, ex C-GANR, see 9239 .
	6000	9856	N156QS	Delivered to Netjets on 29 June, ex C-GDHG.
	6000	9858	N2313A	Delivered to Bombardier on 10 July, ex C-GDOX.
	7500	70006	N750GX	Delivered on 1 July, ex C-FXAI.
	7500	70010	N212WQ	Delivered on 29 June, ex C-FXBF.
Gulfstream	II	28	N18KW	Wiley Bob, re-registered from N17KW on 1 July.
	IVSP	1230	N919MB	SMB Aircraft, re-registered from N101CV on 2 July.
	IVSP	1283	N213EF	Elite Aero Group, re-registered from N513MA on 17 June.
	IVSP	1397	N55BP	Benzs Experience, re-registered from N669BJ on 24 June.
	IVSP	1485	N91JS	Oneida Aircraft II, re-registered from N5NG on 26 June.
	G450	4138	N131YF	Sand Hill Management, re-registered from N458X on 16 July.
	G450	4205	N94JL	Bank of Utah, ex TC-TRH. Registered on 13 June.
	G450	4232	N450MH	Leading Edge Operations, re-registered from N129MH on 1 July.
	G450	4262	N133RC	TVPX Aircraft Solutions, ex M-KBBG. Registered on 2 July.
	G450	4302	C-GOWI	Skyservice Business Aviation, ex N125GG. Registered on 12 June.
	V	612	N32RP	Mirasol Sky, re-registered from N88DZ on 10 June.
	G550	5062	N9AG	TVPX Aircraft Solutions, ex N9AG. Registered on 15 July.
	G550	5131	N131GA	Air 31, re-registered from N313AG on 16 July.
	G550	5464	C-FTEL	Telus Communications, ex XA-BUA. Registered on 9 July.
	G550	5576	N88WR	Las Vegas Jet, re-registered from N576GA on 28 June.
	G550	5587	N218HF	TVPX Aircraft Solutions, ex N587GA. Registered on 7 June.
	G650ER	6007	N288WK	SLS Travel, re-registered from N288WR on 25 June.
	G650ER	6045	N67WV	Interlaken Capital Aviation Services, re-registered from N67WB on 11 June.
	G650	6128	N128GA	Solairus Aviation, re-registered from N108DB on 16 July.

	G650ER	6344	N82123	Bank of Utah, ex N650GA. Registered on 31 May.
	G650ER	6364	N661GT	Rhys Vineyards, ex N664GD. Registered on 20 June.
	G650ER	6367	N904DS	Daniel Snyder, ex N667G. Registered on 15 July.
	G650	6368	N4050	PayPal, ex N668GA. Delivered on 13 June.
	G650ER	6369	N1DS	DCS Enterprises, ex N669GD. Registered on 26 June.
	G650	6370	HB-JKP	Jet Aviation Business Jets, ex N670GA. Registered on 3 July.
	G650ER	6371	N17JS	JS Ventures II, ex N671GA. Registered on 11 June.
	G650ER	6372	N451CS	Saban Music Group, ex N672GA. Registered on 26 June.
	G650ER	6373	M-HSCZ	Sino Jet Management, ex N673GA. Registered on 28 June.
	G500	72017	N533SF	G500 Acquisition, ex N517GD. Registered on 4 June.
	G500	72031	N499JB	Sweatmore Air III, ex N531GD. Registered on 3 June.
	G500	72032	N132BL	Delaware Trust, ex N532GD. Registered on 27 June.
IAI	1124	264	N810CC	Registration expired on 10 July.
	1124A	351	N124BC	Sold to Coral Sun Airways of Kiribati on 16 July.
	1125	38	N38ER	Reregistered from N777AM on 2 July.
	1125SPX	98	N925BP	Reregistered from N819CH on 2 July.
	1126	48	C-GRST	Addition to Scramble 482, delivered on Flightexec on 19 July.
	G150	235	N120RC	Reregistered from N250EA on 17 July.
	G150	253	N591ME	Reregistered from N591MB on 10 July.
	G200	133	N200VR	Registration expired on 10 July.
Learjet	45	45-344	N344LJ	Former T7-CCC of Learjet 45-344 Holdings Corp. was sold to Aerotrust Services Corp.
	45	45-362	LX-TWO	Former N119GM of Assetsinvest Corp. was sold to Luxembourg Air Ambulance SA in June.
	60	60-270	N79SC	Ex OE-GMA of Majestic Executive Aviation AG was sold to Southern Cross Aircraft LLC in May.
Pilatus	PC-24	133	OY-TWO	Ex HB-VUH of Pilatus Flugzeugwerke was sold to Blackbird Air Charter.
	PC-24	139	N139SV	Former HB-VUN of Pilatus Flugzeugwerke was sold to Pilatus Business Aircraft Ltd. in the U.S. in May.
	PC-24	140	N140SX	Former HB-VUO of Pilatus Flugzeugwerke was sold to Pilatus Business Aircraft Ltd. in the U.S. in June.
	PC-24	141	N60JA	Former HB-VUP of Pilatus Flugzeugwerke was sold to Pilatus Business Aircraft Ltd. in the U.S. in July.
	PC-24	142	HB-VUQ	Registered to Pilatus Flugzeugwerke in May.
	PC-24	143	HB-VUR	Registered to Pilatus Flugzeugwerke in May.
	PC-24	144	HB-VUS	Registered to Pilatus Flugzeugwerke in June.
Raytheon	H4000	RC-34	N870VP	Former G-PROO of Sun-air of Scandinavia recently went to an operator in the U.S. but was re-registered to Bank of Utah.

Bizprops

Beech	200	BB-744	G-HMGB	Former N616GB of Diamond Aviation LLC was sold to ACH London Ltd.
	250	BY-352	G-NICB	This brand new Beech 250 was delivered to Comis Air Ltd in May.
Cessna	208B EX	5452	YR-JBC	Noted Düsseldorf 13 February, ex D-FJBC. Operated by JBC Eden.
Commander	680FL	11629	G-LEGZ	Leg Air, ex N940AC. Registered on 29 May.
PAC	750XL	220	SP-MOC	Aeroklub Gdanksi, ex ZK-KEJ. Noted at Nowy Targ on 15 July.
Piaggio	P180	1107	N267TA	Reregistered from N435CM on 1 July.
	P180	1181	N189LW	Reregistered from N189SL on 3 July, still owned by Dean Lebaron.
Pilatus	PC-6B2/H2	790	PH-ABT	Ex N354AK of TST Humanitarian Surveys LLC was sold to an unknown operator in The Netherlands.
	PC-6B2/H4	950	ES-PCG	Former YL-CCQ was sold to Eesti Langevarjklubi MTU/Skydive Estonia.
	PC-12/47E	1022	OH-ZRH	Former M-IFLY of Nicholas John Vetch was sold to Global Airlift Solutions.
	PC-12/47E	1877	N877NG	Former HB-FSH of Pilatus Flugzeugwerke was sold to Pilatus Business Aircraft Ltd. in the US in May.
	PC-12/47E	1879	N227BM	Former HB-FSJ of Pilatus Flugzeugwerke was sold to Pilatus Business Aircraft Ltd. in the US in June.
	PC-12/47E	1880	HB-FSK	Registered to Pilatus Flugzeugwerke 9 May.
	PC-12/47E	1881	HB-FSL	Registered to Pilatus Flugzeugwerke 14 May and
	PC-12/47E	1881	N881NG	sold to Pilatus Business Aircraft Ltd. in the US in June.
	PC-12/47E	1882	HB-FSM	Registered to Pilatus Flugzeugwerke 16 May and
	PC-12/47E	1882	N882AF	sold to Pilatus Business Aircraft Ltd. in the US in June.
	PC-12/47E	1883	HB-FSN	Registered to Pilatus Flugzeugwerke 23 May.
	PC-12/47E	1884	HB-FSO	Registered to Pilatus Flugzeugwerke 14 May and
	PC-12/47E	1884	N399LA	sold to Pilatus Business Aircraft Ltd. in the US in June.



This G200 has quite a chequered history with former operators in the United States, Greece, Belgium and Austria. T7-WZZ is c/n 65 and is now operated by a company called Zuz Aviation. (Antwerp, 26 June 2019, Walter Van Brempt)

	PC-12/47E 1885	HB-FSP	Registered to Pilatus Flugzeugwerke 29 May and also sold to Pilatus Business Aircraft Ltd. in the US in July.
	PC-12/47E 1885	N885NG	Rab Transilvania Aviation, ex D-ESOB. Registered on 7 June.
Piper	46-500TP 4697387	OK-RAB	Ex EC-MET of M. Diaz was sold to a yet unknown operator in The Netherlands.
SOCATA	TBM-900 1058	PH-FRA	Former N940PS of Transatlantic Deliveries Trust was sold to Daher Aerospace in France in May.
	TBM-940 1281	F-GKCJ	



N752AK is operated by Skyservice Altmühlthal for Skydive Colibri, based at Thalmässing airfield in southern Germany. It is a PC-6/B2-H4, c/n 752, the former Austrian Air Force PC-6/B2-H2 3G-EA. Note that the subtype has changed from when it was 3G-EA, as can be identified by the upturned wingtips. (Thalmässing, 6 July 2019, Martin Bach)

Soviet Updates

Go to the Soviet Transports database on the Scramble website for full known histories, including extensive info on crashes, colour schemes et cetera. To get the most from this extensive database (some 140,000 records) consider using the advanced search options.

Near the bottom of the same page (Soviet Transport database on www.scramble.nl) is a link to the Soviet Transports downloads page at the new and expanding [AirHistory.net](https://www.airhistory.net/info/soviet.php) website (<https://www.airhistory.net/info/soviet.php>). On the 'reference' tab on this site there you can find a sub-page 'Soviet Transport Data Files' and there you can find;

- free downloadable known production lists of the almost 250 types included in the 'Soviet Transports' database,
- these productions lists also include all known military transport aircraft and all known military Kamov and Mil helicopters,
- a list of western-built aircraft which saw service in the Soviet Union and the Eastern Block (excl. modern types)
- a list of all RF- registered aircraft including other types like Western-built aircraft and Soviet/Russian-built fighters,
- an illustrated explanation to construction numbers used on 'Soviet Transports' types,
- a list of abbreviations, English to Russian translations and the official and unofficial location codes used in the ST files,
- a Google Earth KMZ file with all airports in the Soviet Transports database.

This free service replaces an eventual new edition of the Soviet Transports book which nowadays would simply be too expensive to produce. This as a total rundown of all files in early 2019 shows a new book would equate over 1,800 pages, where it to be published in the same format, A4 with a small letter type.

An-2T	1104 473 15	"15" yellow	DOSAAF	f/n	01jul19	seen derelict, Molcha, Belarus
An-2T	1G94-25	RF-90582	Russian Air Force	Kub	26jun19	coded "24" yellow; ex RF-90549
An-2T	1G98-51	D-FWJD	AVfL		20jun19	arrived at the Hugo Junkers Museum, Dessau
An-2T	1G161-19	UR-BIEK	white/blue c/s	Kif	09nov13	canx between 07jun19 and 29jun19
An-2R	1G174-51	UR-REX	Malchev O.P	rgd	04sep14	canx between 07jun19 and 29jun19
An-2R	1G181-47	YR-PMW	Aero Getic	BBU	20jul18	canx nov18
An-2R	1G183-06	UR-56508	Universal-avia	rst	01apr13	canx again now between 07jun19 and 29jun19
An-2R	1G199-09	HA-ERW	Fly Coop Kft	rgd	11apr19	photo at Osijek; in white/blue c/s, no titles; ex 9A-DAV
TVS-2MS	1G199-15	RA-31506	no titles	Ovy	03jul19	mainly white with thin blue cheat line and blue wings
An-2R	1G202-22	YR-PBP	Aviatia Utilitara		22dec16	AOC suspended; canx feb19
An-2R	1G207-20	RA-71249	Nikolai N. Lysenko	rgd	unknown	owner was director of Mikom; in CAA listing 15oct13
An-2R	1G207-21	UP-A0350	Samgau Agro	rgd	13may19	ex RA-71250
An-2R	1G210-60	UR-43983	Phoenix Air	w/o	23jun19	on a crop-spraying flight in the Lokhvytsi district
An-2TP	1G214-06	SP-RWE	Air Service Elzbieta	rgd	20feb18	l/n Ponte de Sor 01jun19; ex SP-KWP
An-2R	1G217-06	UR-40966	Yumikom-Avia	rgd	26mar12	canx between 07jun19 and 29jun19
An-2R	1G220-34	RA-40244	Agat	photo	16jul19	no titles and active in the Novosibirsk region
An-2R	1G227-16	YR-AUT	Aero West	Tmc	01may17	no titles; canx feb19
An-2R	1G230-10	UR-33573	Kharkiv Aeroklub	HMJ	2018	derelict; canx between 07jun19 and 29jun19
An-2R	1G233-32	UR-33642	Universal Avia	HMJ	2018	no titles; canx between 07jun19 and 29jun19
An-2	1G238-37	YR-FLA	Aero West	Tmc	23oct18	no titles; canx feb19
An-2	---	RA-3098K	blue/white, n/t	w/o	16jul19	when crashed into a house
An-2	---	EW-389CD	blue c/s, n/t	photo	01jun19	off airport near Brest
An-2	---	03	Croatian Air Force	SPU	21oct95	
An-12BP	4 34 19 07	"10"	Soviet Air Force	mfd	19jun64	based at Kustanai
An-12BP	9 34 68 03	"03" blue	Russian Air Force	dam	29apr97	at Lensk; feried back to OVB and soc; t/t 7,608 hours
An-12	---	4L-GLU (1)	Skyway	FRU	10jul19	stored; see 4L-GLU with unknown next line
An-12	---	4L-GLU (2)		OSS	12jul19	stored; see c/n 9346803 above

An-24RV	7 73 108 04	RA-47366	Angara Airlines	w/o	27jun19	on an emergency landing at Nizhneangarsk
An-26	91 08	RF-90451	Russian Air Force	Kub	2019	now coded "04" red
An-26B-100	---	EY-26255		MGQ	30jun19	photo; all white, no titles, reg visible
An-28	1AJ 004-20	RF-49408	ROSTO	photo	2019	at Berdsk; ex RA-28771
An-30	05 02	30024	Aerostroy	BQS	01jul19	ex Polet colours, no titles or prefix
An-30	---	RF-36054	Russian Air Force	photo	mid19	coded "10" red
An-74-200	365 470 98 956	EY-304	ex Gazprom c/s	OSF	jun19	no titles, probably stored
An-124-100	19530502792	5A-DKN	Libyan Air Cargo	w/o	jun19	at TIP; damaged by 19may19, destroyed by 16jun19
II-12	8 30 26 15	CCCP-73968(1)	AFL/Belarus	w/o	13mar59	crashed in fog on landing MSQ with an overtired crew
II-12P	8 301 28 16	CCCP-L1719	AFL/Ukraine	w/o	12feb58	collided with trees on go-around Kiev-Zhulyany
II-14M	14600 07 28	CCCP-L1887	AFL/East Siberia	w/o	14feb58	undershot on app to OVB in poor visibility
II-76TD	00334 46325	UR-CMB	Alfa Air	rgd	23may19	to Global Charter Services of the UAE
II-76TD	00534 60832	UR-CMD	Ak Eleron	FJR	02jun16	canx between 07jun19 and 29jun19
II-78	00834 85558	UNONS	Meridian Inc.	res	19jul19	is as such still N78GF
II-76TD	10234 14450	UP-I7654			jul19	details from llyushin.org; ex UR-CRQ
II-76MD	10434 20667	"08" white	Uzbek Air Force	ESB	01jul19	in dark grey c/s; still carried UK-76008 on the tail
II-78MKI	20434 25855	KJ3451	Indian Air Force	f/n	28jun19	at Mont de Marsan, France; ex RK3451
II-78MKI	20434 25860	KJ3452	Indian Air Force	ZIA	jun19	ex RK3452
Ka-26	75 053 05	YR-DOR	S.C. Fratia S.A.	BBU	22jul17	active, no company markings; canx apr19
Ka-27PL	#5002822208	RF-34176	Russian Navy	photo	13jul19	over St. Petersburg; coded "47" yellow
Ka-32AO	#5001382601	UR-CSM	TOV Aviakomp Rossii	rgd	11jun19	opb TOV Aviakompanija Rosavia; ex OB-2046-P
Ka-31	---	80728	Chinese Navy	photo	jun19	full-scale mock-up on board vessel "Xue Long 2"
Ka-52	---	RF-13426	Russian Air Force	photo	apr19	coded "87" red
Ka-52	---	RF-13429	Russian Air Force	Kub	jun19	coded "90" red
Ka-52	---	RF-13432	Russian Air Force	photo	mar19	coded "16" blue
Ka-52	---	RF-13434	Russian Air Force	photo	jun19	coded "82" red
Ka-52	---	RF-13436	Russian Air Force	photo	jun19	coded "84" red
L-410UVP-E	86 16 01	HK-4013	Saerca	EOH	21jun19	
L-410UVP-E3	87 19 27	FAH-323	Honduras Air Force	SAP	16jun19	c/n now reported as such; ex HH-LET
L-410UVP-E3	88 21 01	CC-ASD		rgd	17apr19	ex PR-VLA
L-410UVP-E3	90 24 09	ZS-ATI	Intl. Red Cross	GOM	03jul19	
L-410UVP-E20	09 26 10	RA-67003(2)	UTair Express	GOJ	22jun19	with additional 'Baschkortostan' titles
L-410UVP-E3	---	RF-94605	Russian Air Force	Rts	2018	coded "26" red
L-410UVP-E3	---	RF-94646	Russian Air Force	URS	jun19	coded "76" red
L-410	---	9S-GPK	no titles	GOM	03jul19	
Li-2	184 278 07	CCCP-84765	AFL/Ukraine	dam	18jul58	on landing Krasnoyarsk when collided with 2 Yak-12Ms
Li-2	184 305 03	CCCP-L4572	AFL/Turkmenistan	dbr	06feb59	on t/o Ashkhabad on soaked runway; soc 18mar59
Li-2	184 318 10	CCCP-L4730	AFL/Privolzhsk	dbr	19nov58	took off Smyshlyayevka without being de-iced
Li-2	184 336 10	CCCP-X953	VGU pri SM SSSR	mfd	20oct49	rgd 23feb50; became CCCP-L5002 & CCCP-16141
Li-2	184 351 07	CCCP-L4811	AFL/Urals	dbr	28feb59	collided with power-line mast on landing Penza
Li-2	184 353 06	CCCP-L4834	AFL/Krasnoyarsk	dbr	10dec58	on landing Podkamennaya Tunguska due to icing
Mi-1T	7 68 003 08	CCCP-L0291	AFL/Krasnoyarsk	dam	04oct57	forced-landed in terrain and could not be recovered
Mi-1T	6 7 011 01	CCCP-10104	AFL/Sykytyvkar	dbr	26dec58	engine flamed out due to contaminated fuel
Mi-1T	6 7 025 19	CCCP-L0168	AFL/Kazakhstan	w/o	05sep57	MTOW exceeded too forward CoG; t/t 248 hours
Mi-1T	7 7 027 11	CCCP-L0226	AFL/West Siberia	dbr	12sep57	when tried to land on a forest clearing; t/t 86 hours
Mi-1A	8 7 042 11	CCCP-10122(1)	AFL/West Siberia	dbr	24dec58	at Vitim, the pitch hinges froze; t/t 80 hours
Mi-2	52 0421 077	CCCP-15871	AFL/Georgia	photo	22jun19	preserved in Lobnya, Moscow Region; painted as such
Mi-2	54 9445 105	UR-MSY	Motor Sich	OZH	27mar17	canx between 07jun19 and 29jun19
Mi-2	52 9938 096	UR-15605	Polit Servis	rgd	27jun19	PP Polit Servis of Dnipro
Mi-2	52 9945 106	UR-15610	Avia-Stil	rgd	03mar11	canx between 07jun19 and 29jun19
Mi-2	52 9949 106	UR-15614	Avia-Stil	Krh	09sep13	canx between 07jun19 and 29jun19
Mi-2U	5410144 037	RF-91408	Russian Air Force	Rtd	08jun18	coded "14" yellow
Mi-2	5210234 057	UR-KVG	AgroaviaDnipro	rgd	12feb13	canx between 07jun19 and 29jun19
Mi-2	5110243 067	0243	Czech Air Force	photo	jun19	preserved at N50.266954 E14.561468
Mi-2	5210726 098	RA-14107	privately owned	dbr	21jun19	on a crop-spraying in the Krasnodar region
Mi-2	5411037 119	UR-CMA	Royal Avia	l/n	01jul15	at Drohobych; canx between 07jun19 and 29jun19
Mi-2	5211141 060	UR-14254	AviaagroDnipro	rgd	27nov14	canx between 07jun19 and 29jun19
Mi-4A	02 89	CCCP-66923	AFL/Tajikistan	dbr	02sep70	caught by downstream near Shakhristan & hit ground
Mi-4	09 28	CCCP-L67	AFL/East Siberia	dbr	21jul56	hit trees on abandoned landing ; t/t 25 hours
Mi-4A	06 156	CCCP-36551	AFL/Far East	toc	26may64	struck off charge 21jul83 as life-time expired
Mi-8T	06 04	CCCP-06181(3)	Aeroflot	Mon	24apr19	preserved in these fake colours in Monino
Mi-8PS-11	87 05	RA-27100	Kazan Avn Enterprise	Che	18jun19	active in in MARZ ROSTO at Fedurnovo (Chornoye)
Mi-8T	9 75 47 22	not known	Soviet Air Force	dam	09jun82	on take-off in the mountains and destroyed during a recovery attempt
Mi-8T	9 85 22993	UR-AYR	Air Taurus	rgd	20apr16	canx between 07jun19 and 29jun19
Mi-8T	9 86 25233	UR-AID	Air Taurus	rgd	13feb19	canx between 07jun19 and 29jun19
Mi-8T	9 86 28532	RA-24461	Yeltsovka	dam	15jul19	came down hard in a windshear and rolled over
Mi-8T	9 89 41924	RA-24164	UTair	SGC	29jun19	
Mi-8T	9 92 57258	RA-27163	Vologodskoye AP	rgd	09oct18	f/n VGD 01jul19
Mi-8MT	9 3437	RF-95539	Russian Air Force	Eng	22jul19	coded "41" yellow; t/t 3,583 hours and 5,487 cycles
Mi-8MTV-2	9 4395	RF-34337	Russian Air Force	Eng	22jul19	coded "86" white; t/t 3,951 hours and 6,793 cycles
Mi-8MT	9 4629	RF-92582	United Nations	photo	nov18	coded '41'
Mi-8MTV-1	9 5479	UR-25170	Kremenchug Flying School	l/n	01jul10	canx between 07jun19 and 29jun19
Mi-8MTV-1	9 5739	RA-25123	United Nations/WFP	photo	25jul17	at Yakawlang (Afghanistan); coded 'UN-366H'
Mi-8MTV-1	9 5973	UR-APR	UN-WFP	BEW	20mar19	coded 'UNO-128H'
Mi-8MTV-5	9 7418	RF-04447	Russian Air Force	photo	2017	Mi-8MTV-5-1; coded "09" yellow; c/n known now

Mi-171A1	171A01076115710U	HK-5334	not known	res	jul19	ex PR-VDC
Mi-8AMT	8AMT00643187717U	RA-24104(2)	Konvers Avia	Uue	24may19	c/n known now
Mi-8AMTSh	---	RF-04429	Russian Air Force	Cht	jun19	coded "63"
Mi-8AMTSh	---	RF-04457	Russian Air Force	photo	19sep18	coded "70" yellow
Mi-8AMTSh	---	RF-04460	Russian Air Force	photo	may19	coded "74" red
Mi-8AMTSh	---	RF-04462	Russian Air Force	photo	28aug18	coded "16" yellow
Mi-8AMTSh	---	RF-04469	Russian Air Force	photo	2018	coded "77" red
Mi-8MTV-5	---	RF-04477	Russian Air Force	Chh	aug18	l/n SVX 07jul19
Mi-8MTV-5	---	RF-04478	Russian Air Force	SVX	07jul19	coded "33" yellow
Mi-8AMTSh	---	RF-04488	Russian Air Force	VVO	mid19	coded "47" yellow
Mi-8P	---	RF-04504	Russian Air Force	f/n	mid19	carried no code
Mi-8MTPR-1	---	RF-04505	Russian Air Force	Kub	30jun19	coded "25" yellow
Mi-8AMTSh	---	RF-04508	Russian Air Force	Kub	30jun19	coded "78" yellow
Mi-8T	---	RF-44412	DOSAAF ?	Ovm	feb19	no titles
Mi-8MTV-5	---	RF-90402	Russian Air Force	photo	dec18	coded "61" blue
Mi-8MT	---	RF-90832	United Nations	IVA	18jun19	in full white UN c/s; coded '39'
Mi-8AMTSh	---	RF-91285	Russian Air Force	Uue	28jun19	
Mi-8	---	H31	Angolan Air Force		aug83	took part in the battle of Cangamba
Mi-8	---	H37	Angolan Air Force		aug83	took part in the battle of Cangamba; dam. 08aug83
Mi-8	---	H47	Angolan Air Force			took part in the battle of Cangamba aug83
Mi-171E	---	LH911726	Chinese Army	photo	jul19	ex LH937xx; opb the Xinjiang Brigade
Mi-171E	---	LH911759	Chinese Army	photo	jun19	ex LH937xx; opb the Xinjiang Brigade
Mi-171E	---	LH911785	Chinese Army	photo	jul19	ex LH937xx; opb the Xinjiang Brigade
Mi-17	---	LH953737	Chinese Army	photo	jun19	ex LH917xx; opb 161st Brigade
Mi-17	---	LH953738	Chinese Army	photo	jun19	ex LH917xx; opb 161st Brigade
Mi-17V-5	---	LH971715	Chinese Army	photo	jul19	ex LH937xx; opb 76th Brigade at Wujiacqu
Mi-8MTV	---	EY-226	Pegasus Air Service ?			took part in fire-fighting in Riau (Indonesia) 21jul19
Mi-171	---	E3-ABC	Eritrean Air Force	ASM	31may19	possibly c/n 59489619527
Mi-8MTV	---	"645" black	Ukraine Army Avn	photo	jul18	code on paper in window; l/n near Zhytomyr 21nov18
Mi-10	8 68 06 04K	CCCP-04102(2)	no titles	Mon	24apr19	pres. in these fake colours in Monino; ex "44" white
Mi-24P	353243 33 17214	not known	United Nations		15jul19	contract for the repair of the tailboom signed
Mi-24P	353243 34 20329	not known	United Nations		15jul19	contract for the repair of the tailboom signed
Mi-35M	34075817312	RF-13460	Russian Air Force	Kub	30jun19	coded "58" yellow; c/n checked
Mi-24P	340 339	96+49	German Army		24jun19	arr.in the PanzerMuseum East at Slagelse (Denmark)
Mi-35M	---	RF-13831	Russian Air Force	Kub	24aug18	coded "83" yellow
Mi-24P	---	RF-92511	Russian Air Force	OVB	30jun19	coded "11" yellow
Mi-24P	---	"84" white	Uzbek Air Force	photo	19jun19	at Khanabad in very dark olive drab c/s
Mi-26	34001212714	RF-13657	Russian Air Force	photo	29jan19	coded "11" blue; c/n known now
Mi-28NM	---	RF-13489	Russian Air Force	ff	17apr19	ff date unconfirmed; coded "70" red; h/o jun19
Mi-28NM	---	RF-13490	Russian Air Force	Ror	jun19	coded "71" red; h/o jun19
Mi-28UB	---	RF-13661	Russian Air Force	photo	25apr19	coded "14" red; opb 55 ovp AA at Korenovsk
RRJ-95B	95 189	89126	primer	ff	11jun19	
Tu-22M0	5 02 0 03 8	"53" red	Soviet Navy	RIX	1981	still preserved in museum now and c/n finally known
Tu-22M3	26 84 2 4 8	RF-94135	Russian Air Force	Shk	08aug12	coded "46" red; c/n checked Kubinka 27jun19
Tu-22M3	.. 87 . 2 .	"46" red	Soviet Navy	w/o	21may90	line # 87-02; opb 1 ae 943 mrap at Oktyabrskoye
Tu-22M3	.. 87 . 3 .	"47" red	Soviet Navy	b/u	nov96	line # 87-03; opb 1 ae 943 mrap at Oktyabrskoye
Tu-22M3	38 97 6 4 1	not known	Russian Air Force			line # 97-04; stored with 150 ARZ at Lyubliano
Tu-22M3	20106 6 3 4	"58" red	Russian Navy	f/n	18apr07	at Mongokhto-Kamenny Ruchei and stored in 2014
Tu-22M3	20106 4 4 5	"59" red	Russian Navy			opb 568 mrap until 2010
Tu-22M3	---	RF-94152	Russian Air Force	Kzp	05jun19	coded "21" red
Tu-95MSM	10021 3 8 34415	RF-94130	Russian Air Force	h/o	11apr19	at Taganrog; coded "24" red
Tu-95MSM	10021 4 9 36177	RF-94123	Russian Air Force	h/o	13apr19	at Taganrog; coded "19" red; named 'Krasnoyarsk'
Tu-144LL	10 08 2	CCCP-77114	Aeroflot	ZIA	16jul19	towed to a junction outside ZIA and preserved there
Tu-204-100	1450742 5 64017	RA-64017	Roskosmos	VKO	06jul19	with titles; sale was reported jun19 l/n VKO 14jul19
Yak-12	464 06 39	CCCP-X965	VGU pri SM SSSR	rgd	23feb50	
Yak-12	464 06 43	CCCP-L965	AFL/Northern	rgd	unknown	struck off charge 22jun57 as life-time expired
Yak-12	464 30 17	CCCP-X966	VGU pri SM SSSR	rgd	23feb50	
Yak-12	40 12	CCCP-I1016	MAP zavod # 21	rgd	10feb50	became CCCP-I1071 & CCCP-03556 rgd 26jun58
Yak-12	464 40 29	CCCP-X1001	MVD - Dalstroj	rgd	15feb51	with M-11FR engine; later to AFL/East Siberia
Yak-12	464 40 29	CCCP-G355	Mingeo	rgd	19may50	with M-11FR engine; became CCCP-L297
Yak-12	464 42 16	CCCP-Zh141	MVD - GULZhDS	rgd	30jun50	ambulance version; became CCCP-X141
Yak-12R	464 02 22	CCCP-L141	AFL/Far East	dbf	11jun54	on landing at a provisional airstrip on the river Yarap
Yak-12R	05 4 08	CCCP-X106	MVD	rgd	18jul51	later to the Ministry of Power Station-buildingcharge
Yak-12R	07 4 35	CCCP-L5815	AFL/Buguruslan FS	rgd	19feb55	training version
Yak-12R	07 4 38	CCCP-L5835	AFL/Ukraine	mfd	21mar55	became CCCP-07835 rgd 17may58
Yak-12R	08 4 22	CCCP-L5838	AFL/Ukraine	mfd	31mar55	became CCCP-07838 rgd 17may58
Yak-12R	10 4 03	CCCP-L5851	AFL/Kazakhstan	dbf	17jan57	took off from Novaya Shulba with nobody on board !
Yak-12R	12 4 34	CCCP-L5880	AFL/MOW MAG SPiVS	rgd	22jul55	cargo version; in dark green c/s; became CCCP-21108
Yak-12R	13 4 16	CCCP-T5953	AFL/MOW MAG SPiVS	rgd	12sep55	training version; became CCCP-95953
Yak-12M	04 5 13	CCCP-T5971	AFL/Ukraine	mfd	sep55	became CCCP-95971 rgd 17may58; dual-control
Yak-12M	05 5 05	CCCP-L5995	AFL/Krasnoyarsk			became CCCP-95995 rgd 09may58
Yak-12M	06 5 20	CCCP-L5780	AFL/Krasnoyarsk			became CCCP-05780 rgd 09may58
Yak-12M	06 5 22	CCCP-L4044	AFL/Ukraine	mfd	24feb56	became CCCP-74044 rgd 17may58
Yak-12M	06 5 32	CCCP-L4043	AFL/Ukraine	mfd	27feb56	became CCCP-74043 rgd 17may58
Yak-12M	08 5 32	CCCP-L4053	AFL/Krasnoyarsk			became CCCP-74053 rgd 09may58; dbf 18jul58
Yak-12M	08 5 32	CCCP-L4099	AFL/Moscow SPiMVL			became CCCP-74099 rgd 17may58

Yak-12M	08 5 35	CCCP-L4108	AFL/Far East			became CCCP-74108 rgd 20jun58
Yak-12M	11 5 11	CCCP-L4006	AFL/Yakutiya	trf	01apr57	dbr 04dec57 at Ugolet (north-west of Vilyuisk)
Yak-12M	11 5 24	CCCP-L4210	AFL/Ukraine			became CCCP-14210 rgd 17may58
Yak-12M	11 5 25	CCCP-L4212	AFL/Ukraine	mfd	01jun56	became CCCP-14212 rgd 17may58
Yak-12M	13 5 14	CCCP-L4335	AFL/Ukraine	mfd	07aug56	became CCCP-14335 rgd 17may58
Yak-12M	14 5 14	CCCP-L1055	AFL/Urals	trf	22jul57	w/o 17feb58 when encountered low clouds
Yak-12M	14 5 16	CCCP-L1058	AFL/West Siberia	w/o	04jun57	on a familiarisation flight
Yak-12M	14 5 32	CCCP-L1070	AFL/Ukraine	mfd	05dec56	became CCCP-21070 rgd 17may58
Yak-12M	14 5 33	CCCP-L1071	AFL/Ukraine	mfd	29aug56	became CCCP-21071 rgd 17may58
Yak-12M	14 5 34	CCCP-L1072	AFL/Ukraine	mfd	06sep56	became CCCP-21072 rgd 17may58
Yak-12M	14 5 35	CCCP-L1086	AFL/Ukraine	mfd	12sep56	became CCCP-21086 rgd 17may58
Yak-12M	14 5 36	CCCP-L1089	AFL/Ukraine	mfd	12sep56	became CCCP-21089 rgd 17may58
Yak-12M	14 5 38	CCCP-L1088	AFL/Ukraine			became CCCP-21088 rgd 17may58
Yak-12M	15 5 02	CCCP-L1093	AFL/Ukraine	mfd	13sep56	became CCCP-21093 rgd 17may58
Yak-12M	15 5 03	CCCP-L1094	AFL/Ukraine	mfd	sep56	became CCCP-21094 rgd 17may58
Yak-12M	15 5 04	CCCP-L1095	AFL/Ukraine	mfd	25sep56	became CCCP-21095 rgd 17may58
Yak-12M	15 5 08	CCCP-L1002	AFL/Ukraine			became CCCP-21002 rgd 17may58
Yak-12M	18 5 20	CCCP-T494	AFL/Northern			became CCCP-56494 rgd 13may58
Yak-12M	21 5 08	CCCP-T681	AFL/Ukraine	mfd	22feb57	became CCCP-62681 rgd 17may58
Yak-12M	21 5 14	CCCP-T691	AFL/Ukraine	mfd	19feb57	became CCCP-62691 rgd 17may58
Yak-12M	21 5 15	CCCP-T692	AFL/Ukraine			became CCCP-62692 rgd 17may58
Yak-12M	21 5 19	CCCP-T697	AFL/Ukraine	mfd	22feb57	became CCCP-62697 rgd 17may58
Yak-12M	21 5 31	CCCP-L701	AFL/Privolzhsk		photo	became CCCP-72701 rgd 14may58
Yak-12M	21 5 32 ?	CCCP-L702	AFL/Yakutiya	w/o	05aug57	ran out of fuel and force landed on the river Lena
Yak-12M	22 5 01	CCCP-L725	AFL/Ukraine	mfd	09mar57	became CCCP-72725 rgd 17may58
Yak-12M	22 5 02	CCCP-L731	AFL/Ukraine	mfd	31mar57	became CCCP-72731 rgd 17may58
Yak-12M	22 5 03	CCCP-L735	AFL/Ukraine	mfd	26mar57	became CCCP-72735 rgd 17may58
Yak-12M	22 5 35	CCCP-L796	AFL/Ukraine	mfd	27mar57	became CCCP-72796 rgd 17may58
Yak-12M	26 5 08	CCCP-K707	AFL/Ukraine	mfd	25sep57	became CCCP-72702 in error rgd 17may58 and did become CCCP-72707 instead
Yak-12M	26 5 13	CCCP-K741	AFL/Ukraine	mfd	01oct57	became CCCP-72741 rgd 17may58
Yak-12M	26 5 14	CCCP-K780	AFL/Ukraine	mfd	27sep57	became CCCP-72780 rgd 17may58
Yak-12M	26 5 16	CCCP-K784	AFL/Ukraine	mfd	24sep57	became CCCP-74784 rgd 17may58
Yak-12M	26 5 19	CCCP-K835	AFL/Ukraine	mfd	02oct57	became CCCP-40835 rgd 17may58
Yak-12M	27 5 01	CCCP-K808	AFL/East Siberia		photo	ambulance; became CCCP-40808 rgd 22may58
Yak-12M	27 5 12	CCCP-K871	AFL/Ukraine			became CCCP-07871 rgd 17may58
Yak-12M	27 5 14	CCCP-K895	AFL/Ukraine	mfd	13feb58	became CCCP-07895 rgd 17may58
Yak-12M	27 5 15	CCCP-K896	AFL/Ukraine	mfd	05nov57	became CCCP-07896 rgd 17may58
Yak-12M	30 5 38	CCCP-T0725	AFL/East Siberia			became CCCP-40725 rgd 22may58 and dbr 14feb59
Yak-12M	6 12 7 97	CCCP-L834	AFL/North Kavkaz	rgd	19nov51	became CCCP-40834 rgd 17may58
Yak-12M	6 12 7 98	CCCP-L838	AFL/Ukraine			became CCCP-40838 rgd 17may58
Yak-12M	6 12 7 118	CCCP-L881	AFL/East Siberia			became CCCP-07897 rgd 22may58; w/o 13feb59
Yak-12M	7 12 7 131	CCCP-L899	AFL/Ukraine			became CCCP-07899 rgd 17may58
Yak-12M	7 12 7 132	CCCP-L507	AFL/Ukraine	mfd	1957	became CCCP-62507 rgd 17may58
Yak-12M	7 12 7 133	CCCP-L516	AFL/Ukraine			became CCCP-62516 rgd 17may58
Yak-12M	7 12 7 134	CCCP-L517	AFL/Ukraine			became CCCP-62517 rgd 17may58
Yak-12M	8 12 7 173	CCCP-L570	AFL/Ukraine	mfd	1957	became CCCP-26570 rgd 17may58
Yak-12M	8 12 7 176	CCCP-L574	AFL/Ukraine			became CCCP-26574 rgd 17may58
Yak-12M	8 12 7 181	CCCP-L688	AFL/Ukraine			became CCCP-62688 rgd 17may58
Yak-12M	8 12 7 182	CCCP-L5811	AFL/Ukraine	mfd	08dec57	became CCCP-07811 rgd 17may58
Yak-12M	8 12 7 187	CCCP-L686	AFL/Ukraine	mfd	15dec57	became CCCP-62686 rgd 17may58
Yak-12M	9 12 7 203	CCCP-L628	AFL/Ukraine	mfd	31dec57	became CCCP-62628 rgd 17may58
Yak-12M	9 12 7 204	CCCP-T629	AFL/Ukraine			became CCCP-62629 rgd 17may58
Yak-12M	9 12 7 205	CCCP-T626	AFL/Ukraine			became CCCP-62626 rgd 17may58
Yak-12M	11 8 37	CCCP-22264	AFL/Kazakhstan	w/o	28feb59	on a flight to Ladyzhenka in snowfall and poor visibility
Yak-12	---	CCCP-Sh765	AFL/VAU GVF			new registration requested 07jul58
Yak-40	9 73 12 55	UR-AKW	East Clipper	OZH	15apr19	canx between 07jun19 and 29jun19
Yak-42D	452042 36 06 235	UR-COH	Five Airways	ODS	04apr19	canx between 07jun19 and 29jun19
Yak-42D	452042 48 11 442	UR-COD	Jerefey Limited	IST	14feb17	canx between 07jun19 and 29jun19
Yak-42D	452042 49 14 464	B-4013	Chinese Navy		sep13	at Qingdao Cangkou; full c/h now known
Yak-42D	452042 11 16 567	RA-42401	UTair	NSK	08jun19	all white with small titles
CJ6A	13 320 43	N4184W	Patrick C Scofield	rgd	28aug97	canx 15dec18; CofR restored 27mar19
CJ6A	44 320 14	N801VX	Roger Milne	rgd	13mar19	
H6K	---	10290 & 10293	Chinese Air Force	photo	2016	8th Division/22nd Regt
H6M	---	21011	Chinese Air Force	photo	jul19	
Y7	---	3051	Chinese Air Force	photo	jun19	code "01" red on its nose
Y7	---	3156	Chinese Air Force	photo	jun19	code "16" red on its nose
Y7	---	3157	Chinese Air Force	photo	jun19	code "17" red on its nose
Y7	---	3855	Chinese Air Force	photo	jun19	code "85" red on its nose
Y8F-100	---	B-4151	Civ Avn Adm China	HZG	25jun19	CAAC titles but Air Force operated
Y8F-100	---	B-4156	Civ Avn Adm China	HZG	26jun19	CAAC titles but Air Force operated
Y8F-100	---	B-4157	Civ Avn Adm China	HZG	25jun19	CAAC titles but Air Force operated
Y8Q	---	9451	Chinese Navy	photo	may18	2nd Indep Div/6th Regiment
Y8Q	---	82013	Chinese Navy	photo	jan19	1st division
Y8GX6	---	82035	Chinese Navy	photo	12jul19	in a parade overhead Beijing
Y9ZJ	---	unknown	Chinese Navy	photo	12jul19	Elint version; 2nd Div/4th Reg; just '22' on the nose

KJ500H	---	81590	Chinese Navy	photo	14jun19
KJ500H	---	unknown	Chinese Navy	photo	12jul19
KJ500H	---	unknown	Chinese Navy	photo	12jul19
Y12E	017	HK-5036	SATENA	b/u	mid19

PH register

Newly registered aircraft:

PH-BKA	Boeing 787-10	42485		28jun19	KLM.
PH-EJT	Fire Balloons G 30/24	697		17jun19	Ex D-OHRM.
PH-HOP	Cameron Z-31	11560		21jun19	Ex G-CIBX.
PH-NNX	Cessna 750	750-0232		20jun19	Ex EI-LEO, OE-HAC, N232CX, N5120U.
PH-OAH	Thunder AX8-105 S2	2552		17jun19	Ex D-OAHR, D-OROS.
PH-TVD	Lindstrand LTL S1 - 210	102		27jun19	Stichting Hoogvliegers.
PH-4R9	Pegasus Quasar 2 TC	6572		17jun19	Ex OO-B24.
PH-7M5	Miniplane Top 80 ABM	80170211		06jun19	
PH-7M6	Fresh Breeze Super ThoriX	92905422		07jun19	
PH-7M7	Fresh Breeze Bulli-X	538		03jun19	Ex D-MCHT.
PH-1588	Rolladen-Schneider LS 4-b	4898		26jun19	Ex D-7023.
PH-1627	Schempp-Hirth Discus-2a	186		18jun19	Ex OK-7201.

Change of ownership:

PH-APA	Piper PA-18-135	18-3814	02396	28jun19	
PH-BOZ	Cameron A-140	4927	07603	17jun19	
PH-GOV	Boeing 737-700	64970		16jun19	
PH-HEC	Cameron Z-120	10425	06422	16jun19	
PH-HLR	Robin DR400/140B	2595	06821	14jun19	
PH-IPL	Cessna F172M	F17201348		24jun19	
PH-ISL	Cessna F172M	F17201018	07160	26jun19	
PH-LEI	Fire Balloons G 42/24	1245	08268	20jun19	
PH-MMO	Cameron Z-160	10863	06940	17jun19	
PH-PIX	SA226T Merlin IIIA	T-267	07162	12jun19	
PH-SEP	Van's RV-12	120519		07917	28jun19
PH-STR	Fisher Dakota Hawk	89	09227	26jun19	
PH-VBO	Cameron O-105	4310	05553	17jun19	
PH-594	Schempp-Hirth HS-7	49	05318	25jun19	
PH-9S8	Adventure A3	AL 3009	20716	17jun19	

Cancelled from register:

PH-BOE	Thunder AX7-77 S1	1969	04310	06jun19	Wfu.
PH-BYC	Beech 58 Baron	TH-1922	06102	19jun19	To N241WS.
PH-BYD	Beech 58 Baron	TH-1836	07304	19jun19	To N521WS.
PH-GUV	Boeing 737-8EH	39609		11jun19	To PR-GUV.
PH-LIK	Piper J3C-65 Cub	11990	06225	26jun19	To 2-KNIL.
PH-PBY	Consolidated PB5-5A	300	06587	27jun19	To N459CF.
PH-VCS	Fire Balloons G 42/24	1083	06511	13jun19	Wfu.
PH-2T6	TL-132 Condor	95C15	20421	21jun19	To Poland.
PH-2W3	Comco Fox-C22C	9603-3706	20443	28jun19	To Germany.
PH-3N9	TL Sting	02ST08	20622	05jun19	To Poland.
PH-4A3	Fantasy Allegro 2000	12055	20803	28jun19	To Poland.
PH-8R5	Fresh Breeze Bulli-X	145	20983	28jun19	More than one year without valid CofA.
PH-1052	PZL-Bielsko SZD-51-1 Junior	B-2147	04990	04jun19	To France.
PH-1593	Hoffmann H-36 Dimona	36225	09526	05jun19	To G-CLIM.

Credits: Inspectie Leefomgeving en Transport.



One day too late for the kick-off party of 100 days to go until the 100 year anniversary of KLM Royal Dutch Airlines, the latest addition to the Dreamliner fleet arrived at Amsterdam-Schiphol, on 30 June 2019. It was adorned in a somewhat disappointing colour scheme, with only a stylised 100 on the fuselage and a ribbon with the Dutch national colours of red-white-blue. Surely they could have done more to mark that milestone in aviation! B787-10 PH-BKA is the first of its kind in KLMs fleet and Robert Eikelenboom took this picture.

Warbirds



Here is another (long awaited) addition to the rapidly growing Belgian warbird community. As can be read below, Iraqi Fury OO-ISS made its first flight from Antwerp airport on 17 July 2019. The fighter is a rare version of its breed, being a land based ISS Fury, without the wing folding mechanism and arrestor hook known from the Sea Fury. On top of that, OO-ISS is the only ISS Fury in Europe that flies in its original livery. (Antwerp, 17 July 2019, Walter van Brempt)

The Netherlands

The storm front that crossed the Netherlands on 4 June flattened a Romney-hangar at Hooerveen airfield. Stinson L-5 Sentinel 42-982848 (N57797) was amongst a number of historic aircraft that were severely damaged when this happened. It meant a damaged prop, huge dents in the metalwork, and gashes in the wings and fuselage. Of course this made it impossible to participate in the L-birds back to Normandy at St. André de l'Eure (France) planned for 7 to 9 June. Owners Doornbos and van Hulzen are now trying to raise the E 50 thousand needed for the restoration through crowd funding. But it could have been even worse: Aeronca 7AC Champion PH-FUN that was in the same hangar is believed to be a write-off.

The latest Dutch warbird, Spitfire Mk.XVIe TB885 (CBAF 10917) G-CKUE, was delivered to the Netherlands on 7 June 2019. On that day it was warmly welcomed at Leeuwarden AB by an escort of two R. Netherlands AF F-16s and a DHHF Hawker Hunter. It was then officially handed over to its proud owner, Jumbo supermarket CEO Frits van Eerd. After a ground-up restoration by the Biggin Heritage Hangar, this Spitfire made its first flight on 4 August 2018. The fighter is finished in the original colours of '3W-V', like it was flown in early 1945 while in use with RAF 322 (Dutch) squadron. During the ceremony, the Spitfire's gunnery installation was thoroughly inspected by R.Neth.AF 322 sq mascot, parrot 'Polly Grey'. In due time G-CKUE will be based at Eindhoven airbase.

Australia

There is a fair chance that the only Hawker Hurricane currently registered in Australia will leave this country. The aircraft concerned is VH-JFW, a Mk.XII (60372) built by Canadian Car and Foundry (CCF) of Fort William in 1942. The CCF Mk.XII is based upon the Hawker built Hurricane Mk.IIB. It served the RCAF as 5481 from 1942 to 1944. Amazingly, the aircraft survived an outside storage until 1980! After initial attempts to restore the fighter in Canada, it was acquired by UK collector Charles Church in 1986. He had the aircraft restored and it made its first post-restoration flight in September 1991. It was then painted as P2970 "Little Willie," a Mk.I flown by Pilot Officer Geoffrey Page of 56 Squadron

RAF during the Battle of Britain in August 1940. It was sold to the USA in 1992 and flew in the collection of the Museum of Flying in Chino (CA) until 2002. The Hurricane was then sold to Ed Russell of South Niagara (ONT), Canada. In 2014, Russell sold some of his warbirds and the Hurricane ended up in Australia. At Scone (NSW) Vintage Fighter Restorations performed an IRAN. They replaced all the wood and fabric and repainted the Hurricane into its current paint scheme of V6748, 'PO', a Mk.I operated by 46 Sqn in 1940. It is now, once again offered for Sale by Platinum Fighter Sales.

Belgium

On 17 July 2019, Hawker (Iraqi) Fury OO-ISS (37731/ISS19) made its first post restoration flight from Antwerp airport. The land based version of the well-known Hawker Sea Fury had already arrived in Antwerp as long ago as 7 February 2011. It was built as a Fury FB10 for the Iraqi Air Force where they flew the fighter with serial 249. It was recovered from Iraq in 1979 by David Tallichet and restored as N54SF. In 1981 it was sold to Australia and registered as VH-HFR (but this registration was not used) but did fly as VH-ISS. It was sold to famous Belgian collector/restorer Eric Vormezeele in 2010. After a long and winding road of technical and administrative hardships the engineers of the local FAST Aero company finally gave their clearance for the fighter's first flight. OO-ISS was flown by its owner, Kris Van den Bergh of the Vintage Fighter Aircraft BVB. The fury is said to be based at Brustem.

Canada

On 3 July 2019 pilot John Aitken was seriously hurt when he made a crash landing in the Goodyear built FG-1D Corsair C-GVWC he was flying. Luckily his full recovery can be expected. The accident happened at Gatineau airport after an uneventful 30-minute flight, but some unknown circumstance caused the plane to go off the runway during landing. Gatineau is the homebase of the Vintage Wings of Canada Museum, which operates the Corsair. C-GVWC was once delivered to the US Navy as BuNo 92106 (3367) The fighter was flying again since 2016, after a three year period of inactivity. It carries the colours of Royal Navy 'KD658 115/X' as was flown by Canadian Lt. Robert Hampton Gray who was deployed on carriers such as HMS Formidable and Victorious and carried out daring fighter escort and attack operations in

the North Atlantic.

France

Shortly after the departure of Dutch Catalina PH-PBY to the USA, a second example has recently, almost unnoticed, taken the same step. Already on 14 June, N9767 (**21996**) left its homebase Melun-Villaroche, France. The aircraft, named "Princesse des Etoiles" (Princess of the stars) took off for a long delivery flight to its new owner in Eugene, (OR) in the western part of the United States. N2967 is a WWII veteran: as RCAF 9767 it sank German U-boat U-342 on 17 April 1944. After the war it served Canadian Pacific Airlines as CF-CRR. Eventually the Canso-A was converted into an airtanker for Avalon Aviation as C-FCRR. Now only two airworthy Catalinas remain in Europe: well-known, regularly flying Duxford based G-PBYA and N315KM at Tatoi, Greece. The Greek machine, owned by the Athenian Aviators Collection, has not flown much in the past years, but is basically airworthy.

Christophe Jacquard of Dijon-Darois has announced that he has been able to sell his Hawker Sea Fury F-AZXJ (**37733**), thanks to Boschung Global. This former Iraqi AF machine (serial 316) was recovered from that country in 1979. Sanders Aeronautics of Ione (CA) rebuilt it as an naval FB11, N56SF. It was flown by Jacquard since 2010.

Germany

Excitement at Meier Motors in Bremgarten, Germany: their latest successful restoration project, Flugwerk FW190 D-FWAA (**990013**) made its first flight on 21 July 2019. It was flown by well-known warbird pilot Klaus Plasa. The aircraft, owned by the Air Fighter Academy / Hangar10 collection of Usedom, has been in the workshop since 2010. D-FWAA is a reproduction of a Focke Wulf Fw190 A8 and finished in the classic Luftwaffe day fighter colours of RLM 74/75/76 and a red fuselage band. It carries the tactic callsign 'Yellow 4' of an Fw190 flown by Jagdgeschwader 1 'Oesau' while based at Usedom. Destined for aforementioned Jacquard, this FW190 made its first flight as F-AZZJ on 7 May 2009. Unfortunately Jacquard's pleasure in his new machine was only short-lived as it ditched in the bay of Hyères, France on 12 June 2010 during the celebration of 100 years of Aeronavale. Pilot Marc Mathis escaped unhurt from this event which was caused by an engine malfunction. F-AZZJ spent some days in the sea-water before it could be salvaged. Obviously having lost his faith in the concept, Jacquard decided to sell F-AZZJ shortly afterwards.

Another project which is bound to be delivered to its new owner is North American T-28B NX228MC (**200-372**). This former US Navy trainer with BuNo138301 arrived in Germany in February of 2019. Nice detail is that this naval aircraft was, for a certain period, used by the US Army as 138301. Withdrawn from military use in 1991, it became N264FM. However the aircraft's restoration was not started before 1995 and it finally flew again in 1998 (as NX228MC).

Greece

Quietly, away from most aviation enthusiasts, the restoration of Vickers Supermarine Spitfire LF.IX MJ755 (**CBAF.IX.1285**) at the Biggin Hill Heritage Hangar is seeing amazing progress. The fighter originates from the Hellenic Air Force which withdrew it from service in 1953, after which it was stored and later displayed at Tatoi airbase. Since 1992 the aircraft has been on static display at the Hellenic Air Force museum in Athens. In 2007 plans were made for restoration to flying condition. For this purpose MJ755 arrived at Biggin Hill on 23 March 2018. Since then a lot of work has been done. The fuselage has recently been painted and a Greek roundel was applied, which makes a nice change after all the RAF Spits coming out of the BHHH workshop. On 1 July, the new Greek Spitfire was registered in the British register as G-CLGS. The registered owner of the aircraft is the Icarus Foundation of Pireaus, Greece.

United Kingdom

On 27 June 2019 the unique highly polished Spitfire Mk.IX G-IRTY has made its first flight in decades. As reported earlier in our Magazine Scramble, the aircraft is the centrepiece of a daring expedition by two British aviation enthusiasts, Matt Jones and Steve Brooks. They, the founders of the Boulton Flight Academy, have the intention to completely circumnavigate the globe in this WW II fighter! For that purpose they initiated the restoration by ARCo of (former Dutch) Spitfire Mk.IX MJ271. The fighter has flown in the Royal Netherlands Air Force as H-8 (later 3W-8) It became a decoy, and was later displayed in the war museum of Delfzijl. After restoration, the aircraft became a static exhibit in fake colours as 'MH424' / 'H-53', initially in the Aviodome at Schiphol and later in the Aviodrome in Lelystad. In 2006 it was swapped with Historic Flying Limited against a Fairey Firefly restoration project. To emphasize the non-military aspect of this undertaking, the Spitfire is devoid of its paint and highly polished: therefore 'the Silver Spitfire'. Its registration G-IRTY was booked in September 2016. The expedition is sponsored



The latest Dutch warbird, Spitfire Mk.XVIe TB885 (G-CKUE), is seen here bathing in the sun during the Royal Netherlands Air Force Open Days. Unfortunately the weather conditions in the morning, during its flying demo, were rather dull, so we chose this photo instead of the one in flight. And then to think that owner Frits van Eerd has even two more Spitfires in the pipeline! (Volkel, 14 June 2019, Gert Jan Mentink)



Boeing Stearman PT-13D N1944S has recently been repainted in a military colourscheme which refers to the days that the aircraft flew for the USAAF as 42-17701 (although the oblique placed serial on the tail looks somewhat strange). It was exported to the Netherlands in 2009, and has been owned by Jennifer Harcourt of Anna Paulowna since 2011. Until recently the trainer was finished in a overall white civilian livery with blue cheatlines. It was flown from Hoogeveen airport. (Teuge, 22 June 2019, Bart Hoekstra)

by well-known watch manufacturer IWC of Schaffhausen, Switzerland.

Mr. Andrew Douglas Whitehouse of Crewkerne has managed to register another Westland Sea King, HC4 ZA314 (**WA918**). The helicopter was registered as G-CMDO on 17 June 2019. ZA314 made its first flight on 20 September 1982, and was finally withdrawn from use at Boscombe Down on 31 December 2015. It was then stored at NAS Gosport. G-CMDO is actually the third Sea King in Whitehouse' stable of the Historic Helicopters society. This HHS is the brainchild of Mr. Whitehouse, whose love for helicopters is in his blood as he is director of Lift West (Helicopters) Ltd. It was established in 2013 with the aim to preserve, restore to airworthy status and operate a select fleet of vintage Military Helicopters. Historic Helicopters has operated Westland Whirlwind HAR10 XJ729 as G-BVGE for a number of years. More recently Sea King HAR3 XZ597 (**WA863**) was registered as G-SKNG on 21 March 2019. Westland Wessex HU5 XT671 (**WA483**), registered as G-WSEX on 17 May 2019, has already made several flights. Another Wessex HU5, XT771, and a Sea King HC4 ZF122, are in the collection, but have not flown yet.

Another Buchon job done for Air Leasing Ltd. at Sywell. The aircraft, G-AWHR (**220**) made its first post restoration flight on 2 July 2019. It is one of the Buchons that was used as makeshift Messerschmitt Bf-109s in the film 'Battle of Britain'. After the filming had ended, it was taken to the USA as payment. Registered as N4109G it was hardly flown, but instead stored (with several of its Buchon mates) for more than forty years in the private hangar of the famous collector Connie Edward. After his death the collection was auctioned and, luckily, the airframes were in very good condition and fully complete (having been stored indoors, in a very dry climate). G-AWHR has been painted in Luftwaffe colours with code << 5 white. Next to the Buchons in Luftwaffe colours that Air Leasing has finished in the past period, one of the former Battle of Britain film machines will be painted in its original Spanish Air Force colours. This aircraft is G-HISP, formerly C.4K-111 (**184**).

As we reported in Scramble 481, page 57, Fairey Swordfish Mk.II HS554 (C-GEVS) has been up for sale. It is thanks to the British CAA register website G-INFO, that we can inform you that this historic aircraft has been sold to a British owner.

It is currently unknown who the new owner is. HS554 was constructed as **FBS/35270A** under licence by the Blackburn Aircraft Co. in 1942. It served both the Royal Navy and Royal Canadian Navy until being retired in 1946. The aircraft was one of TWELVE Swordfishes collected by Ernie Simmons and stored in the open air in his garden in Tillsonburg (ONT) His collection was auctioned in 1970 and HS554 was acquired by Bob Spence of Muirkirk (ONT). He restored the aircraft and it has reportedly not flown more than 148 hrs since this restoration (first flight 1992) It was sold to Vintage Wings of Canada in 2006 and after an overhaul of its Bristol Pegasus Model 30 engine made its first flight from Gatineau in 2013. And although HS554 has not flown more than 23.5 hrs the Pegasus seems to need a new overhaul. And this may be the reason why the Canadians reluctantly have decided to part of their historic 'Stringbag'.

You can never be early enough to register your aircraft restoration project. That is what the volunteers of the Hawker Typhoon Preservation Group must have thought, when they recently registered their project as G-TIFY. The aircraft concerned is Hawker Typhoon Mk.IB RB396. During Flying Legends 2018 at Duxford the Group was present with a stand. We then saw that this Typhoon project is only in the initial phase, with merely of piece of fuselage to start with. But who knows, maybe one day?

United States

The D-Day squadron has been looking back on their contribution to the commemoration of the 75th anniversary of the Normandy invasion and of the 70th anniversary of the Berlin Airlift. Participating with fifteen Dakotas/Skytrains, the Americans provided the majority of aircraft of the type during the European commemorations. The figures are more than impressive: 150.000 miles safely flown, of which 45.000 over open water, while consuming 100.500 gallons of fuel. In the seven weeks the D-Day squadron was active for the commemoration 644 sorties were flown, during which some 800 parachutists prematurely left their plane. The Dakotas/Skytrains visited 22 airports in eight countries. We have really enjoyed seeing them here. It was wonderful: thank you, guys and dolls!

Dustpan & Brush



Many European spotters will have seen this Boeing 737 in the late nineties, early noughts, when it operated for Virgin Express out of Brussels-Zaventem. It was ferried to Perpignan on 2 June 2012 and moved to Nigerian airline Discovery Air in November 2013. After a good 1,5 years of service it transferred to Air Peace, keeping its registration 5N-BQO. It was in this guise that it suffered a landing incident at Lagos' runway 18R, where it made a hard landing, causing both nose wheels to separate from the nose gear strut. (Shannon, 22 February 2019, Malcolm Nason)

Additions & Corrections:

25jan13 ZK-DLA BN-2B-26 **2131** w/o
See Scramble 406.

New Accidents:

21jun18 N876RW ERJ170LR **17000187** w/o

A Delta Connection ERJ170 that was undergoing maintenance in a hangar at Columbus-John Glenn International Airport (OH), was involved in a fire incident. Although the fire was quickly extinguished it was still damaged beyond repair and only recently cancelled from the FAA register.

28jun19 C6-VIP Saab 340A **340A-098** w/o

A Western Air Saab 340A ground crew was preparing the aircraft for re-positioning at Nassau-Lynden Pindling International Airport, Bahamas. During its run up checks, the wheel chocks did not restrain the aircraft resulting in a collision with a covered walkway. The nose landing gear collapsed and several propeller blades on the no.1 prop (left hand) were severed.

28jun19 HA-5138 Mi-17V-5 w/o

A Mi-17V-5 helicopter of the Indonesian Army (Tentara Nasional Indonesia - Angkatan Darat, TNI-AD) went missing in West-Papua. Since then, search parties have been trying to locate the helo. This has to be done on foot due to the dense jungle foliage. The aircraft had twelve persons onboard. On Friday 19 July 2019 the helicopter still had not been found. All occupants are deemed to have died in the crash.

30jun19 N908CA Falcon 900B **151** dam

30jun19 N534FF Beech 350i **FL-1091** w/o

A Beechcraft 350i, operated by EE Operations, crashed into a hangar shortly after take-off from runway 15 at Dallas-Addison Airport (TX), killing two pilots and eight passengers onboard. The Beechcraft was destroyed after impacting the hangar. Inside the hangar a Falcon 900B N908CA, two aircraft and one helicopter were parked and were all damaged by post-crash fire of the Beech. The Beech took off around 09:00 hours (local time) and bound for St Petersburg-Albert

Whitted Airport (FL). Soon after take-off the aircraft began to lose altitude, veered to one side and then plunged into a hangar at the airfield, according to a spokesman of the city of Addison. All news reports are referring to it as N534FF but it has been re-registered from that to N511EF since around April this year. However, it still tracked as N534FF on FlightAware up until yesterday and was even seen arriving at Addison with that reg painted on (plus, it also called the tower as N534FF). We will list it as N534FF for that reason.

01jul19 82+.. EC135T1 w/o

The HEER (and Internationales Hubschrauberausbildungszentrum, where German Army pilots train) lost an EC135T1 when it crashed in a corn field under unknown circumstances. Unfortunately, a female pilot did not survive the crash, while her colleague was seriously injured. The helicopter was destroyed by fire. The flight school at Bückeberg is located about thirty kilometres from the crash site. The crash site was located at Dehmkerbrock, near Aerzen, Lower Saxony.

01jul19 VT-SYK B737-85R **30410** dam

SpiceJet flight SG6237, from Jaipur to Mumbai (India), landed on Mumbai's runway 27 at about 23:51 hours local time in the heaviest rainfalls in a decade. This resulted in an overrun at the end of the runway, still going at about 80 knots, before the Boeing came to a stop about 160 metres past the runway end with the nose gear collapsed. The overrun was not the smoothest as the passenger oxygen masks had come down! The airline reported the aircraft landed in heavy rain and overran the runway. The passengers disembarked normally, there were no injuries amongst passengers and crew.

02jul19 L-39ZA w/o

The Ukrainian Air Force lost an L-39ZA in an accident near Starovirivka, Kharkiv region, around 16:00 hours local time. It appears the L-39 Albatros got caught in the wake turbulence of another aircraft flying nearby, which caused the trainer aircraft to violently roll and the pilot eventually losing control all together. He managed to eject safely. Given

the location/region it is likely the Albatros belonged to 203rd Training Aviation Brigade (203 TrAB) of Kharkiv Air Force University. A serial is yet to become known.

03jul19 C-GVWC FG-1D **3367** dam

Pilot John Aitken was seriously hurt when he made a crash landing in Goodyear-built FG-1D Corsair C-GVWC. Luckily a full recovery can be expected. The accident happened at Gatineau-Ottawa Executive Airport (Quebec, Canada) after an uneventful thirty minute flight, but unknown circumstances caused the plane to veer off the runway during landing. Gatineau-Ottawa Executive Airport is the home base of the Vintage Wings of Canada Museum, which operates the Corsair. C-GVWC had been flying again since 2016, after a three-year period of inactivity. The Corsair sports the colours of Royal Navy 'KD658 115/X' just as it was flown by Canadian Lt. Robert Hampton Gray. Gray was deployed on carriers such as HMS Formidable and HMS Victorious, and made his name in history by carrying out daring fighter escorts and participating in attack operations in the North Atlantic.

04jul19 N32CC AW139 **31112** w/o

Sadly all seven occupants of the Challenger Management AW139 died after it impacted the waters of the Atlantic Ocean, off Grand Cay Island in the Bahamas. It was enroute from Big Grand Cay to Ft. Lauderdale (FL).

04jul19 L-39ZO w/o

The Government of National Accord lost an L-39ZO Albatros, after it was said to have been downed by LNA forces (Libyan National Army). It appears the pilot did not survive the crash.

06jul19 N164CA PA-44-180 **4496118** dam

Aerosim Flight Academy had one of its Piper Seminole's substantially damaged after it lost control on departure and crashed at Decatur Airport (IL). The two occupants onboard were not injured during the accident.

08jul19 N9448B Ce208B **208B0121** w/o

A Grant Aviation Cessna Grand Caravan was destroyed when it impacted the runway at high speed during a landing attempt at Bethel Airport (AK). The pilot and five passengers survived the accident, three passengers received minor injuries. A fire erupted after the accident.

08jul19 Beech w/o

And the drug runner crashes continue... This time a Beech King Air was found burnt by law enforcement officers, at La Gomera, Escuintla, Guatemala.

09jul19 OE-IVQ A320-214 **7228** dam

09jul19 PH-BXH B737-8K2 **29597** dam

An easyJet (Europe) Airbus A320 (being pushed back to operate flight EZY8868 to London-Gatwick) and a KLM Boeing 737-800 were involved in a push back incident at Amsterdam-Schiphol International Airport, the Netherlands. Both aircraft were parked on opposite sides at the D-concourse. The KLM flight was pushed back from D48 when the Airbus had already just commenced push back from D25. OE-IVQ's left-hand winglet struck the left-hand elevator of the Boeing. Both aircraft were subsequently grounded for inspection and repairs.

09jul19 N62069 U-8F **LF-64** dam

A Beechcraft U-8F Seminole of Bemidji Aviation Services was substantially damaged when the left wing exploded under unknown circumstances on take-off from Sidney (NE). The sole pilot onboard was not injured during the accident.

09jul19 An-2 dam

An unregistered Antonov 2 crashed during a crop spraying flight near Raduga, Novoaleksandrovsk District, Russia. The aircraft came down hard, breaking both lower wings and the right-hand main landing gear. The pilot fled the scene and the aircraft was later removed from the field. When authori-

ties of the Southern Investigation Department for Transport of the Russian Investigative Committee arrived at the scene, only fragments of the aircraft were found. They interviewed workers of nearby farms, allowing them to find out the location of the hiding pilot, as well as those involved in hiding the aircraft. Investigators then established that the aircraft was not registered, and the pilot did not have the appropriate license to perform agricultural work.

09jul19 C-GLSA DHC-2 dam

A de Havilland DHC-2 Beaver of Kabeelo Airways was performing a series of tourist camp resupply flights and was enroute from Wavel Lake (Ont.) to Bear Paw Lake (Ont.). Upon landing on the glassy water surface of Bear Paw Lake, the aircraft floats struck a submerged reef and overturned. The pilot was uninjured; however, the aircraft sustained substantial damage and sank.

10jul19 PC-21 w/o

10jul19 PC-21 w/o

Two Qatar Emiri Air Force (QEAF) training planes collided in mid-air. All pilots involved were able to eject safely. There is no more information available.

11jul19 KHF1-21/37/41121 L-39ZA/ART **365423** w/o

A Kong Thap Akat Thai (RTAF, Royal Thai Air Force) Aero L-39ZA/ART Albatros crashed during a training session near Chiang Mai (Thailand), killing one pilot and injuring another. An eyewitness told reporters that he heard two loud bangs shortly before the crash, then saw one pilot ejecting from the descending jet. The Albatros was operated by 411 Squadron 'Thunder' (3rd Air Division/41st Wing) based at Chiang Mai. According to Thai aviation sources, it seems that L-39ZA/ART 41121 is the aircraft involved, but this still needs confirmation. Photos circulating on the internet are reported to be from an earlier crash.

11jul19 C-FBBG DHC-2 **358-173** dam

A float-equipped DHC-2 Beaver of Hawk Air crashed just north-east of Hawk Lake.

11jul19 N989AE Beech C90GTi **LJ-2160** dam

This private Beech King Air sustained a runway excursion and landing gear collapse at Palonegro International Airport, Colombia, leaving all four occupants uninjured.

12jul19 9N-AMM ATR72-212A **749** dam

Yeti Airlines flight YT422 (a domestic Nepal service from Nepalganj Airport to Kathmandu-Tribhuvan Airport), suffered a runway excursion on landing at Kathmandu's runway 02. It came to a stop with all gear on soft ground east of taxiway D. At the time of the incident, it was raining heavily as a thunderstorm was active over the airport. All 66 passengers and three crew members were uninjured. It is unclear if the ATR received damage, the pictures on the internet show it in the grass.

12jul19 SX-FOR ATR42-500 **524** dam

A Sky Express ATR, operating flight GQ405 from Naxos to Athens, with 46 passengers and three crew, was backtracking runway 36 for departure at about 17:20hrs local time, when the aircraft went off the paved surface of the runway and came to a stop with the main gear in a ditch. The tail hit the ground, the lower fuselage below the propellers rested on the runway edge and the nose gear on the runway surface. There were no injuries, the aircraft sustained substantial damage. Passengers on previous flights reported it was common to backtrack the runway, line up for departure and then roll back using back power to get as much runway available for take-off as possible.

13jul19 Beech B200 w/o

A Beechcraft Super King Air was found burned on a clandestine airstrip in Belize, at Graham Creek, Toledo. It had most likely been used to transport drugs.



Carpediem? Not so much for this Carpediem Air Bell LongRanger IV (PK-CDV) which reportedly crashed near Lombok International Airport in West Nusa Tenggara, Indonesia, when it was about to land from a tour in Labuan Bajo, East Nusa Tenggara, on 14 July 2019. Bali-based Carpediem Air provides a chartered helicopter service under the brand Fly Bali. (Bali, 4 June 2019, Pascal Simon)

14jul19 SE-MES GA-8 **GA8-TC320-12-178** w/o

All nine occupants of the Skydive Umeå Gippsland GA-8 Airvan died after it impacted the Umeå River. It was seen on a video in a steep, unrecoverable spiralling nose dive, crashing on Storsandskär Island. Several witnesses heard a bang and an increase in engine sound.

14jul19 PK-CDV Bell 206L-4 **52287** dam

A Carpediem Air Bell LongRanger IV reportedly crashed near Lombok International Airport in West Nusa Tenggara, Indonesia, when it was about to land from a tour in Labuan Bajo, East Nusa Tenggara. The crash happened in Kawo village in Central Lombok, injuring four people including the Indonesian pilot. The three passengers, tourists from Germany, the UK and Chile, were also injured. Luka Marie from Germany was reported to have broken her leg in the crash, the police reported. The pilot had reported engine failure at about 500 metres above the ground. Bali-based Carpediem Air provides a chartered helicopter service under the brand Fly Bali.

14jul19 Mi-2 w/o

During agriculture activities, a Mi-2 of a yet unknown Ukrainian operator crashed into the fields, killing its pilot. The Mi-2 crashed near the village of Yablochnoye in the Velikopisariivsky near Sumy, in north-eastern Ukraine in the afternoon. Sumy is the capital of Sumy Oblast. The reason why the helicopter crashed during its spraying duty is being investigated.

14jul19 OM-FAA PC-6/B2-H4 **848** dam

Aeroklub Dubnica's Pilatus Turbo-Porter collided with parked Diamond DA-40 OM-KLV (40.087) of Seagle Air, and sustained substantial damage.

15jul19 RA-24461 Mi-8T **98628532** w/o

Early in the morning, a Mi-8 made a hard landing in the Kronotsky Reserve in Kamchatka, Russia. Due to most probably the once robust manufactured helicopter, neither the two pilots, one crew member and six passengers were injured. The Mi-8 made a technical flight from the village of Mayskoye, Ust-Kamchatsky District, to the Valley of Geysers. The helicopter was carrying 1,5 tons of cargo and its maintenance/support specialists. After the incident, that was probably caused by windshear during landing, the helicopter company cancelled flights to the Valley of Geysers for the upcoming

days. The Mi-8T belongs to Yeltsovka Avia. First analysis of specialists after the crash resulted in a badly damaged main and tail rotor, and a broken tail section. It is questionable if the helicopter will be repaired.

15jul19 C-FJKI DHC-2 **992** w/o

The Air Saguenay Beaver crashed under unknown circumstances at Mistasin Lake (Newf.), killing three out of the seven people onboard (one pilot, two guides and four passengers). Air Saguenay reported: "three are dead after a float plane crash. Four are still missing. The plane was found submerged about one mile from the shore of Lake Mistastin". The de Havilland Beaver was heading from a fishing lodge at Crossroads Lake, near the Quebec border, to a remote camp on Mistastin Lake in northern Labrador. The location is located in a very remote area of Labrador, situated approximately 100 kilometres south-west of Nain, and is accessible only by air. An RCAF Hercules was put in the air as soon as the call came in to JRCC (Joint Rescue Co-ordination Centre), and spotted the wreckage at 5 a.m. on Tuesday morning.

16jul19 RA-3098K An-2T **114147310** w/o

An Antonov 2, without an airworthiness certificate, flew without permission and collided with some power lines and subsequently crashed on a house in Novoschedrinskaya village in the Chechen Region, 35 kilometres from Groznyj (Russia). Two woman on the ground and a girl (who were in their kitchen preparing breakfast) were injured. The pilot, who was probably flying the plane illegally, was also injured. Registration RA-3098K (strangely a rare occasion that the registration cannot be found in our databases, but we think it is An-2T RA-33098 construction number 114147310), was badly damaged.

17jul19 N320JT Ce550 **550-0271** w/o

The Avia Jet Citation II was partially consumed by fire in an accident at Mesquite Airport (NV). The sole pilot onboard was not injured. It was traveling from Pasco-Tri-Cities Airport (WA) to Las Vegas-Henderson Airport (NV). The Las Vegas Sun reported that the pilot was arrested after the accident and being booked on a count of DUI (Driving Under Influence).

17jul19 EJC3385 Mi-17MD **170M11** dam

A Mil Mi-17MD helicopter of the Colombian Army hit the ground during a routine flight in the Department of Cauca, in the south-west of the country. Onboard were five soldiers, who all survived the incident. The Russian-made helicopter had taken off from the city of Cali around 18:16hrs local time in the direction of La Cominera, in the north of the department. After a technical stop in Miranda, the team took off towards the final destination; however, for still unknown reasons it hit the ground around 19:50. Although the cause is still unknown, the climatic conditions in the area could have contributed to the accident. At the time of the accident, the military carried out work to supply personnel in the area, a military source reported. In response, the Colombian Air Force (FAC) deployed a Douglas AC-47T Fantasma and a Sikorsky AH-60L Arpia helicopter to the site to provide support and rescue of casualties.

18jul19 D6-FAT Ce404 **404-0216** w/o

A Cessna 404 Titan of Go Comores impacted terrain on take-off from Prince Said Ibrahim International Airport. The aircraft came to rest inverted and two out of the eleven persons onboard were injured. According to some witness, a fire was reported at the front landing gear. The captain, stuck in the cockpit, was rescued by ground crews. There are only two wounded. Airport traffic resumed after a short interruption. Go Comores is a new company born of a split of Int'Air Iles. An investigation is opened to look into what happened.

19jul19 N811SK PA-46 **46-8508046** w/o

On final approach to Poughkeepsie-Hudson Valley (ex Dutchess County) Airport (NY), the Akron Aerostar lost height and crashed in a wooded area located short of the runway 24 threshold. All four occupants were injured while the aircraft was destroyed. It is believed that the pilot encountered fuel problems.

19jul19 N68083 DHC-2 Mk1 **1254** dam

A float-equipped de Havilland Canada DHC-2 Beaver of Rust's Flying Service was substantially damaged when it overturned on take-off from the Tutka Bay near Homer (AK). One passenger was fatally injured, a second occupant received serious injuries, three occupants received minor injuries, and the last occupant was not injured. There were seven people total on the aircraft, three adults and four children. An occupant, a child, is in critical condition, and the other three occupants were in "stable" condition.

19jul19 12836 SA341H **080** dam

A SOKO HN-42M GAMA (SA 341H Gazelle) of the Serbian Air Force crashed in a field at Rutevac village, Aleksinac municipality, performing a training flight. Both occupants were uninjured.

20jul19 AP-BHP ATR42-500 **665** dam

A PIA Pakistan International Airlines ATR42, operating flight PK605 from Islamabad to Gilgit (Pakistan), landed on Gilgit's runway 25 but overran the end of the runway and subsequently skidded sideward off the runway, coming to a stop past the end of the runway with the right main gear collapsed. There were no injuries, the aircraft sustained substantial damage to right main gear, right wing and right engine. The airline reported the crew skilfully regained control of the aircraft after the ATR skidded off the paved surface of the runway to some minor extent during landing.

21jul19 N300SN Ce402C **402C0060** dam

A Cape Air Cessna 402C was substantially damaged when it experienced a bird strike while landing at St. Louis Lambert International Airport (MO). There were no injuries.

23jul19 5N-BQO B737-36N **28571** w/o

Air Peace Boeing 737-300 flight P4-7191, from Port Harcourt to Lagos (Nigeria), landed on Lagos' runway 18R at about 11:20hrs local time in the morning, but suffered a hard touch

down causing both nose wheels to separate from the nose gear strut. The aircraft skidded to a halt on the runway on the main wheels and the rest of the nose gear strut. There was one minor injury. The aircraft sustained substantial damage as did the runway. Nigeria's AIB have opened an investigation into the occurrence stating the aircraft's nose wheels collapsed on landing on runway 18R. The airline reported that due to a sudden weather change the captain requested the longer international runway rather than the domestic runway. After landing safely while attempting to turn off the runway the nose gear developed a problem and partially collapsed.

23jul19 XB-OYB PA-30-160 w/o

Escuela de Aviación Aeroclub Manitoba's Piper Twin Comanche impacted farm field terrain in Cuauhtémoc under unknown circumstances. The aircraft was completely destroyed and the four occupants onboard, three men and a woman, perished.

23jul19 ZS-HLJ UH-1H **8800** dam

Former 66-16606 of the US Army, now civilian with South African operator Kishugu Aviation, made a hard landing at Waterfall Base, outside Tzaneen, causing the skids to break away from the fuselage. Basically, it received substantial damage.

24jul19 N8910U Beech 95-B55 **TC-946** w/o

The private Beech Baron impacted field terrain near Chadron Municipal Airport (NE) and was destroyed with the three occupants receiving fatal injuries.

24jul19 XA-VRG EC130T2 **7816** w/o

All four occupants, two pilots and the head of the Ministry of Public Security of Michoacán, Martín Godoy Castro, and the director of the State Popular Insurance, Germán Ortega, were fatally injured after the Servicios Aéreos La Viña EC130 crashed at Morelia under unknown circumstances.

24jul19 MiG-29 w/o

Around 22:00 hrs local time, a MiG-29 of the Azarbaycan Harbi Hava Qüvvetleri (Azerbaijani Air Force) crashed during a training flight. Unfortunately, the pilot is not yet found. The MiG was on a night training sortie when it disappeared from radar. According to the first reports of the Azeri Ministry of Defence, the aircraft crashed into the Caspian Sea. A search and rescue mission started immediately after the crash.

25jul19 E146/2 Alpha Jet E **E146** dam

Around 11:30 hrs local time, an Alpha Jet (PdF-2, E146, F-UHRR) of the French Air Force demonstration team Patrouille de France overran the runway at the Aéroport Internationale Perpignan-Rivesaltes and stopped along Peyrestortes road (D117) following a brake failure. While on the approach the pilot reported that flames erupted after lowering his landing gear. This meant he had no more brake control but elected to continue the approach. The Alpha Jet is equipped with ejection seats which the pilot activated on the ground. The exact cause and circumstances are not known yet. The team was to give an aerial display in the afternoon near the coastal town of Saint Cyprien.

25jul19 Il-76 w/o

Libyan National Army Ilyushin 76 was destroyed while parked at Al Jufra Airbase, Libya, after an alleged attack by the Government of National Accord.

25jul19 PR-RAU Beech 58 **TH-697** w/o

Parintins Taxi Aereo's Beech Baron made an emergency landing near the Novo Céu community in Autazes, Amazonas, Brazil. Both occupants were injured. In addition to the passengers, it was carrying the body of a man who had died in a helicopter crash.

Credits: ASN, Aviation Herald, B3A, The Jakarta Post, Leo Hoogerbrugge

Military news & updates



Both active Royal Netherlands Air Force KDC-10s are seen in this photograph made on 23 May at Eindhoven. They are operated by 334 Squadron which is celebrating its 75th anniversary this year. (Michiel van Heerten)

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)
EHVK = Volkel

F-16AM

J-515	313sq	ex 322sq	6D-154	jul19
J-630	322sq	ex 312sq	6D-62	jul19
J-635	EHVK	ex 312sq	6D-67	jun19

F-35A

F-001	308th FS	ex Lockheed	AN-01	jun19
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Finally, the aircraft managed to return to the USA on 17 July 2019.

Bulgaria

Bulgarski Voенно-Vuzdushni Sili (AF)
LBSF = Sofia-Vrazhdebna

The Bulgarski Voенно Vuzdushni Sili signed a contract for eight F-16V block 70s to replace the ageing fleet of MiG-29s. The six single-seat and two double-seat Vipers will cost the Bulgarian taxpayer USD 1,256 billion. U.S. Congress will cover USD 60 million of the costs.

On 17 June 2019, the draft contracts were received. These were followed on 28 June by the negotiation teams that completed all the details of the contracts. The officially signed documents were received on 8 July 2019.

The Council of Ministers has accepted the documents, and they have given the Minister of Defence a mandate to sign four contracts for the delivery of the F-16 Block 70s, ammunition, air-to-air missiles and the delivery of a surveillance and management system. In the context of the four documents, the delivery of the F-16 Block 70 will be carried out with the

necessary equipment.

However, on 23 July it was announced that the Bulgarian president has vetoed the decision to acquire the F-16Vs, due to a 'lack of broad consensus and support' in parliament. The president has resubmitted the procurement law for another parliamentary discussion on 26 July, where the veto could be overruled with a vote of at least 121 members of the 240-seat assembly. To be continued!

On 30 January 2019, L-410UVP-E3 with serial 068 from the Bulgarski Voенно Vuzdushni Sili landed at Sofia-Vrazhdebna airport. The Turbolet received an extensive overhaul that lasted almost a year which was carried out by Ceska Letecka Servisni a.s., at Kbely Airport (Czechia).

On 10 July 2019, sistership L-410UVP-E3 with serial 069 departed by truck towards Kbely Airport to have a likewise overhaul. After return to Bulgaria, 069 will become the second airworthy L-410 within the BVVS.

The BVVS started flying the L-410 in 1991 and had a total of eight aircraft in their inventory. In 2011, the 16 Transportna Aviacionna Basa (16.TrAB), 1/16 Transportna Avio Eskadrila, stored their remaining L-410s at Sofia-Vrazhdebna Airport. In that era, L-410 with serial 062 became subject for preservation at the museum in Krumovo.

At Sofia-Vrazhdebna Airport serials 063, 064 and 065 are stored. This trio is in a very bad shape, while serials 066 and 067 are stored in a far better condition. Unconfirmed reports mention that serials 066 and 067 will become number three and four in the overhaul program and will see future operational service.

L-410UVP-E

068	16.TrAB	ex std LBSF	902522	jan19
069	overhaul	ex std LBSF	902523	jul19

Czech Republic

vzdušných sil (AF)
LKVO = Vodochody

The Vzdušné síly armády České republiky (Czech Air Force)

will buy two more CASA 295s. The minister of defence, Lubomir Metnar, submitted a contract for buying the two transporters, which are needed because of limited transport capacity of older aircraft currently used. Among these are two Yak-40s, which both reached the limits of their operational lives.

The new transporters are model C295W. The C295Ws will be delivered in 2020. The Czech Air Force has already been using four CASA 295Ms since January 2010. These are operated by 242.tsl (transport squadron) at Kbely.

Next to the proposed acquisition of additional aircraft, the Czech Air Force also seeks means to modernize the current C295Ms to meet requirements of SESAR (Single European Sky ATM Research) and to meet NATO capability targets. SESAR is a collaborative project to completely overhaul the European airspace and its Air Traffic Management (ATM). The requirements must be met by 2020. The second phase (NATO capability targets) will be met in the 2021-2023 timeframe.

On 4 June 2019, Aero Vodochody handed over the third and final L-159T2 trainer aircraft to the Czech Air Force. The aircraft was delivered to 213.vlt (V cviková Letka) at Čáslav air base. The T2 trainer will take over the role of the L-39ZA Albatross, which will be retired mid-June 2019.

The following L-159A aircraft are modified to L-159T2 trainer: 6028, 6031 and 6038. The T2 has a newly built central and forward fuselage, the rest comes from the original L-159A airframe. The new trainer was ordered in 2016 and the first flight of the L-159T2 took place at Vodochody airport on 2 August 2018.

The number of new training aircraft is very limited, but according to Colonel Petr Tománek, Commander of the 21.Základna Taktického Letectva (21.zTL) at Čáslav the L-159T2 represents an important milestone for the Czech Air Force in the advanced training of future Saab Gripen pilots.

L-159T2

6028	213.vlt	ex std LKVO	156028	jun19
6031	213.vlt	ex std LKVO	156031	jun19
6038	213.vlt	ex std LKVO	156038	jun19

Denmark

Flyvevåbnet (AF)

F-16AM

E-191	Esk 727	special 800 mks	6F-18	jul19
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T-17

T-411	FLSK	ex Skrydstrup Flt	15-211	jun19
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Finland

Ilmavoimat (AF)

F-18C

HN-406	HävLLv 11	ex HävLLv 31	1307/FNC006	jul19
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Germany

Luftwaffe (AF)

ETHC = Celle

ETNH = Wunstorf

EDDB = Berlin-Schönefeld

A319-133CJ

15+03	d/d 21jun19	FBS BMVg	1212	jun19
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A400M

54+30	LTG62	d/d 27jun19	091	jun19
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C-160D

50+81	i/a ETHC	ex LTG63	D118	may19
50+97	wfu ETNH	ex LTG61	D134	jun19

EF2000

30+48	TLG73	w/o 24jun19	GS033	jun19
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Two EF2000s (30+48 and 30+55) collided during a routine training mission in northern Germany. Both pilots used their ejection seats but sadly one of them lost his life in the collision.

30+49	TLG31	ex TLG73	GS034	jul19
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30+55	TLG73	w/o 24jun19	GS039	dec18
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30+82	TLG71	ex TLG31	GS062	jul19
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31+17	TLG31	ex TLG73	178/AS010	jul19
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Global 5000

14+01	EDDB	w/o 16apr19	9395	apr19
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We did not mention the incident with Global 5000 14+01 last April 2019. The aircraft departed Berlin-Schönefeld for an FCF flight after having undergone heavy maintenance. During the FCF the plane suffered flight control problems after reaching 21,000ft. The aircraft returned to Berlin-Schönefeld and both wing tips touched the runway. Most likely, the aircraft is written off but this needs confirmation.

Tornado IDS

44+29	TLG33	ex GAFTTC 327/GS090/4129		jul19
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Heeresflieger (AR)

NH90-NFH

79+53	f/n Airbus Heli.		NGEN03	jun19
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Greece

Elliniko Polemiko Naftiko (NY)

On 12 July 2019, the US State Department approved a possible Foreign Military Sale (FMS) of seven MH-60R Multi-Mission



One of the participants of Dark Blade 2019 at Námest nad Oslavou was Belgian Air Force NH90 RN07, one of three of this type present. Hilco Schigt encountered the helicopter on 28 May 2019.



Photographed on the very wet Tiger Meet 2019 spotters day on 17 May, this TLG51 Tornado IDS 43+25 is seen decelerating after landing at Mont de Marsan. Featured on the tail is WW1 ace Max Immelmann.

Helicopters, including support, to the Government of Greece. An estimated cost of USD 600 million is involved.

The Government of Greece requested to purchase up to seven MH-60R Seahawks. The request also includes ten APS-1 53(V) Multi-Mode Radars (three spares), eighteen T700 GE-401 C Engines (four spares) and a large number of systems, radios, Identification Friend or Foe (IFF) transponders, Night Vision Devices, sensors and navigation systems. Also a range of weapons is included, like 1,000 sonobuoys, six Hellfire training missiles, 100 Advanced Precision Kill Weapons System (APKWS) rockets, thirty Mk 4 Torpedoes and a number of door guns.

In the possible future contract, spare and repair parts, logistic support and test equipment, training of personnel and equipment are included. The Lockheed Martin Rotary and Mission Systems MH-60R helicopters will bolster the Diikissi Aeroporias Naftikou (Hellenic Navy Air Command). No time-frame for delivery has so far been given.

The Hellenic Navy is currently equipped with three S-70Bs, eight S-70B-6 Aegean Hawks and seven AB212ASWs, all based at Marathon/Kotroni air base. It is not yet known if the new Greek Romeos will be added to the existing helicopter fleet or replace the elderly AB212ASW helicopters.

If the Hellenic Navy and Sikorsky reach a complete agreement about the contract, this will be the first time the Hellenic Navy will get a strike helicopter in its inventory. Greece will then become the second Romeo user in Europe, following Denmark, which purchased nine of the modern helicopters.

Italy

Aeronautica Militare (AF)

In June 2019, the Aeronautica Militare celebrated the 80th Anniversary of the 70° Stormo and 50.000 Flight Hours on the Aermacchi SF260EA basic trainer. For the occasion, SF260EA MM55119 with code 70-26 was adorned with a special livery on its tail. The 70° Stormo is based at Latina (some 70 km to the southeast of the capital Rome) and plays a key role in the training of Italian pilots destined for not only the Aeronautica Militare, but also for a number of other Italian military and para-military organisations. Latina provides the entire training syllabus for the students, with the Instructor Pilots (IPs) drawn from a variety of operational units within the Aeronautica Militare. Dating back to the 1960s, the SF260 two-seat light trainer, designed by Stelio Frati and manufactured by SIAI Marchetti (and later by Alenia Aermacchi), is

one of the most successful Italian trainers ever: it has been sold to 27 military customers worldwide as a trainer and light attack plane for CAS (Close Air Support), and has also had some successes among private operators. During 2005, a batch of thirty SF260EAs was delivered to the Aeronautica Militare as a successor of the previous SF260AM.

Poland

Sily Powietrzne (AF)

The Polish Air Force 4th Air Training Wing will see some changes. The airport of Radom is expanding to be able to handle up to three million passengers annually. Major projects are underway which include the construction of a completely new terminal building and a runway extension to 2,500 meters. Due to the planned works, the airport closed for all fixed wing aircraft from 15 June for a period of two years. As the restriction also applies to military traffic, it was decided to move both the M-28s and the PZL-130s of 42.BLSz to nearby Deblin for the period of the runway closure. As helicopter traffic will not be affected and to make room at Deblin, all Mi-2s and SW-4s were relocated in the second week of June to Radom, where also maintenance on both types takes place. The M-28TDs moved to Deblin early June while the PZL-130 TC-IIIs arrived here after the Orlik Aerobatic Team had performed at the Turku airshow in Finland mid-June. It has not been decided yet if these moves will only be temporary or if the shift will be permanent. There also might be a possibility that helicopter training will be transferred to Nowe Miasto in the near future and Radom will be closed as an active military base in order not to hinder the increase of civil traffic.

Romania

Forțele Aeriene Române (AF)

On 3 July 2019, the Romanian defence minister Gabriel Les reported that the Romanian parliament approved the USD 100 million budget. The Ministry of Defence (MoD) can now start the procedure to acquire five more F-16 Fighting Falcons from the Força Aerea Portuguesa (FAP, Portuguese Air Force) and the support from the United States with regards to spare parts, electronic equipment and weapons necessary for operational use.

The additional five aircraft, four F-16AMs and one F-16BM, will have the same configuration as the current twelve F-16s in use with the Forțele Aeriene ale României. In April 2019, three additional F-16 Block 15 aircraft (two F-16A and one

F-16B) arrived at OGMA for MLU upgrade work. Portuguese Air Force serials have been allocated for these three F-16s, but it is known that they will be transferred to Romania. Apart from the three mentioned aircraft, the Portuguese Air Force still has eight F-16AMs from the same MLU version in its active inventory.

The three aircraft of which it is known that they will be transferred to Romania after the MLU upgrade are: 82-0952/15142, 82-1004/15143 (both F-16AM) and 82-1033/15144 (F-16BM). The two other F-16AMs in the latest Romania deal must be among the following candidates: 15122, 15131, 15132, 15133, 15134, 15135, 15136 or 15141.

Serbia

Ratno Vazduhoplovstvo i Protivvazdusna Odbrana (DF)

The first H145M helicopters have arrived in country. On 26 June, after the opening of the Arms Exhibition in Serbia, the first (14501) was handed over to the air force. Also the certificates for the maintenance of H145 and Gazelle were handed over to the Moma Stanojlovic aircraft plant. The first two H145M helicopters (YU-MED and YU-SAR) for the Police Aviation unit arrived on 8 July at Belgrade airport. YU-ICE was planned to arrive late July, with the remaining ones before the end of the year. A lot of details have become public, so it is time for a rundown.

In December 2016 the contract worth 105 million euros for the delivery of six H145Ms for the air force and three for the Police Aviation Unit was signed. Later this was changed to respectively five and four helicopters. Although the Police normally flies 'civil' equipped helicopters, all are H145M models, as these are part of a joint purchase and all for example have the scrambled tactical radios of the M version.

On 22 November 2018 the first H145M (14501) was handed over to the Ministry of Defence at Airbus in Donauwörth. It will be used for combat search and rescue (CSAR) and is equipped with electro-optical and infrared system FLIR Star Safire 380HDc, search TRAKKA Systems TrakkaBeam A800, the Goodrich Model 44301 rescue hoist for fast-roping operations and the WSPS (Wire Strike Protection System) scissors for cutting (power) cables. It is the only one that currently has a planned electro-optical and infrared system from military specimens.

On 20 December 2018 the first two H145Ms for the Police (MUP – MOI) were handed over in Germany. One was YU-MED that is intended for medical transportation. The medical equip-

ment consist out of two or three folding stretchers, a place for two or three medical personnel, ECG, portable oxygen and defibrillator. Medical equipment enables YU-MED to perform HEMS missions. The second to be handed over was camouflaged YU-ICE that will be mainly used for the Gendarmerie and SAJ and is equipped with six folding seats in the back and two PTK Zastava M84 7.62 machine guns mounted on supports in the side doors.

In total there will be five versions of the H145M in Serbia (of which we already mentioned three): HEMS, SAR, CSAR, Combat and Utility. 14502 will be the sole H145M used by the air force for search and rescue and it is equipped with the Honeywell RDR 2000 meteo-radar and which has a built-in Goodrich Model 44301 rescue hoist. The other three air force H145Ms will be combat versions with the HForce level1 weapon system.

Unlike the military versions, all MUP's Airbus helicopters will have a weather radar from Telephonics, the RDR-1600 model. The reason for this lies in the physical position of the radar that is on the civilian version while the military version (i.e. those military versions that will be purely intended for combat) must have sensors of the Hensoldt AMPS system for active self-protection in that position. The integration and testing of domestic weapons, GH-78 containers with a 12.7 mm calibre and seven-point solid launchers L80-07 of Russian unmanned rocket S-8 calibre 80mm have already occurred.

For now, the H145M manufacturer has been testing HFS system options with weapons that included machine guns, cannons, unmanned rocket grains and guided rocket grains (HForce Levels 1 and 2). Level 3 system HForce will include the integration of modern guided air-to-ground and air-to-air missiles. Targeting will be possible with an HMSD helmet, but determining the distance and other parameters (using a laser distance gauge) will certainly be necessary, so Serbia is still a potential customer for Wescam MX-15 or MX-15D (D - "Designator" version) systems.

To complete the detailed overview, the YU-SAR will be a copy of the YU-MED but is additionally equipped with an electro-optical and infrared system FLIR Star Safire 380HDc. This Police sole FLIR unit can be transferred to the YU-MED skid-mount.

The last H145M should become camouflaged YU-MUP and will not have a specific role. The H145M military version will have a hook-mounted installation to transport an external (sling) load.



C-160D Transall 69-036 has been modified with the Gören-1 upgrade, explaining the huge number of extra antennas and other equipment. It could be seen during Anatolian Eagle 2019 at Konya. (26 June 2019, Dino van Doorn)



One of the many Anatolian Eagle 2019 participants was this F-4E-2020 77-0296, operated by 111 Filo. Extra tail colours are celebrating 60 years of phabulous Phantom operations. (Konya, 25 Juny 2019, Dino van Doorn)

All air force H145Ms will be flown by the 119 Mixed Helicopter Squadron (119.mhe), 98 Airborne Brigade (98.VB) at Nis. Ratno Vazduhoplovstvo i Protivvazdusna Odbrana (DF)

H145M				
14503	Airbus, o/o	conf. as D-HADZ	20246	jan19
14505	Airbus, o/o	as D-HMBB	20253	jun19

SA341H (HN-42M)			
12836	119.mhe	w/o 18jul2019	080

Ministarstvo Unutrasnjih Poslova (PO)

It was also confirmed the Ministry of Interior has ordered three H215 Super Pumas. The reception of the first Super Puma is planned for at the latest in February 2022, the second and third are expected in April of the same year.

H145M	
YU-MUP	Airbus, o/o

Slovakia

Vzdušne Sily Ozbrojenych Sil SR (AF)

The Vzdušné sily Ozbrojených sil Slovenskej Republiky (Slovak Air Force) is about to sign a maintenance contract for its MiG-29 fleet.

The Slovak Prime minister Peter Pellegrini announced the intention to sign a 100 million euro's contract with RSK MiG for maintenance. He said: "Over the next four or five years the Russian Federation and RSK MiG will take care of the combat capability of our MiG-29s as it is the main airspace protection system in the Slovak Republic". The SAFs ongoing contract for the maintenance, about 30 million euro's each year, will end this autumn.

From 2005 till 2008, the MiG-29s were upgraded by RSK MiG to NATO standards and renamed to MiG-29AS and MiG-29UBS. Currently, the SAF has ten MiG-29ASs and two MiG-29UBSs operational from the original 21 received.

Last year, the SAF purchased fourteen F-16V fighters which will be delivered by Lockheed Martin between 2022 and 2023. The new contract for the MiG-29s guarantees a good operational capacity till then.

Africa

Angola

Força Aérea Nacional de Angola (AF)

K-8W			
I-61	o/o	f/n, photo	jun19
I-62	o/o	f/n, photo	jun19

Peter Weinert found some photos of these Angola K-8s made at Hongdu air base. Angola ordered six aircraft with the Hongdu Aviation Industry Corporation in 2018.

Mi-8			
H-31	wfu	f/n DB	aug83
H-37	wfu	f/n DB, dam. 08aug83	aug83
H-47	wfu	f/n DB	aug83

Egypt

al Quwwat Al Jawwiya II Misriya (AF)

Mi-8T			
1463		f/n DB, photo	
Rafale DM			
9266	34sq	d/d 11jul19	DM16 jul19

Thanks to MAR for the departure date from Istres-le-Tube, France, of this Egyptian Rafale.

Eritrea

Eritrean Air Force (AF)

Mi-171			
E3-ABC		f/n DB, YouTube	may19
Zlin 143i			
109		f/n DB, photo	may19
110		f/n DB, YouTube	may19
111		f/n DB, photo	may19
112		f/n DB, YouTube	may19

Kenya

Kenya Police (PO)

AB206			
5Y-NPX	PAW	f/n DB, photo	jun19
5Y-RPU	PAW		2019
5Y-TPU	PAW		2019

Two more police choppers are being assembled at the National Police Service Air Wing at Wilson Airport. According to the website Standard Digital, both helicopters came from the United States. With these two the helicopter fleet of the Police Air Wing is increased to eleven from which seven are serviceable, while two are unserviceable at the moment. The two unserviceable ones are the Mi-17V-5 5Y-DCI, which was damaged 15 August 2018, and Mi-17-1V Salon 5Y-EDM, which is waiting for a new tail rotor shaft. The seven operational ones are AW139 5Y-DIG, AW119 5Y-NPW, AB206 5Y-NPX, AW139 5Y-PEU, AB206B-3 5Y-REC (is mentioned as 5Y-REX but we have photoproof this is 5Y-REC), Mi-17-1V 5Y-SFA and Mi-17-1V 5Y-STA.

Libya

Libyan National Army Air Force (AF)

L-39ZO

9444 landed in Tunisia **931444** jul19

This Albatross made an emergency landing at a rural road in Tunisia on Monday 22 July. The Tunisian Defence Ministry said a Libyan aircraft penetrated Tunisian air space around 7:30 AM and had to conduct an emergency landing in the Beni Khadash area, south of Medenine governorate. What is interesting about the plane is its serial. On the left side of the plane the serial 9435 is clearly visible. However on the nose is hand-written serial 9444 and an image found of the right side shows indeed serial 9444. We think the tail of 9435 was put on the fuselage of 9444. If the tail is removed the division is right between the second and third digit. We had 9435 as LNA Air Force in the database but that doesn't seem correct now. What happened with the fuselage of 9435 we don't know unfortunately.

Government of National Accord [AF]

L-39ZO

... w/o 05jul19
Not a MiG-23 as some media reported.

Madagascar

Armée de l'Air Malgache (AF)

FMMA = Antananarivo Arivonimamo Airport

FMMI = Antananarivo/Ivato

AS350B2

5R-MOO ex ZT-RCC f/n, photo **7061** jun19

5R-MON ex ZS-RWH f/n, photo **1327** jun19

5R-MO_ ex ZS-RWC f/n, photo **3897** jun19

Madagascar received three former civilian South African Ecureuils. Photos of 5R-MOO and 5R-MON were found on Facebook, but thanks some excellent detective work of Ian Carroll we now also have the tie-ups between the civil registration and the military registration. All three helicopters have a slightly different configuration. ZT-RCC is the only one with a cable cutter above the cockpit and images shows that of the three mentioned above, 5R-MOO is the only one with a cable cutter. The skid arrangement of 5R-MON fits with ZS-RHW which is different from the skids of the ZS-RWC.



During Anatolian Eagle 2019 at Konya, a CSAR (Combat Search and Rescue) exercise was held. One of the assets was AS532UL 01-2517 of the 135 Filo. (25 June 2019, Dino van Doorn)

The Ecureuil with serial ZS-RWC was noted in May 2019 in full Madagascar Air Force colour scheme with "Tafika Malagasy" titles, but for the moment we have not found its serial yet. Most likely it is the 5R-MOM but confirmation is required because this is just an educated guess.

BK117-850D2

ZS-HRK Gvmt f/n, photo **7184** jun19

The BK-117 took part in the 26 June Independence Day parade flypast and had the Madagascar flag on the tail and the seal of Madagascar large on the fuselage.

C-47A-80-DL

5R-MMG/525 pres. FMMA ex dump FMMI **19525** may19

This Dakota was dumped at Antananarivo-Ivato from August 1996 till May 2016. After that it was thought that the aircraft was scrapped, just like what happened with the other Dakotas on the dump years before. However, it wasn't scrapped, it was stored since 2016, we assume somewhere inside, at Ivato. The fuselage was noted outside again at Ivato (at 18°48'2.86"S, 47°28'54.61"E) in December 2018, where it stayed until at least the end of February 2019. Then it disappeared again, until it was noted, completely refurbished, on an outside display at Base Aérienne Antananarivo-Arivonimamo in May 2019.

Ce206

5R-MNW f/n, photo jun19

Along with the delivery of the AS350 helicopters and the CN235 transport aircraft, five Cessna 206 light aircraft were delivered. The five aircraft and the CN235 will be used for troop transport and medical evacuation, as well as to move supplies and support disaster relief operations.

CN235M-10

5R-MUQ d/d 24jun19 ex ZS-UOO **C008** jun19

The CN235M-10, painted in full Madagascar Air Force livery, arrived at Antananarivo airport on 24 June 2019. The CASA is the former Botswana Defence Force - Air Wing OG1, that was sold on the civil market to Rampart Aviation as N820CA in February 2011. The intention was that the aircraft would be delivered to the Force Aérienne Togolaise as 5V-MBM, but this deal was cancelled. In August 2013, the aircraft was sold to Avcorp as N124CL. This registration was cancelled in August 2014 and the CN235M was sold to South Africa as ZS-SOO. Later it was re-registered as ZU-SOO and was based at Lanseria.



Recently Beech 350CER ZZ507 was modified into a Shadow R1+ at the Raytheon facility at Haywarden. It was photographed by Ian Doyle on 19 June 2019, returning after an air test.

Nigeria

Nigerian Air Force [AF]
LILG = Vergiate, Italy

AW109E

... o/o, CSX81963 f/n LILG **11847** may19

The latest, number four, AW109E Power for the Nigerian Air Force was noted in primer colour scheme at Vergiate at the end of May. It had a large sticker with the text "A109E 11847 last one" on the rotor head. In mid-June it was noted in full camo livery, at Varese-Venegono, Italy. We assume this one will become NAF579, but confirmation is required of course.

Senegal

Armée de l'Air Sénégalaise (AF)

TB-30

6W-ZEE EAA tie-up update, ex FAF 65 **65** may19
6W-ZEF EAA tie-up update, ex FAF 84 **84** may19

Thanks to Pascal Schwarz we now also have the tie-ups of the two Epsilons which were delivered on 23 May 2019 at Thiés Air Force Base.

Sudan

al Quwwat al Jawwiya as-Sudaniva (AF)
UMMA = Baranovichi, Belarus

Mi-24P

973 f/n DB, photo nov18

The exact sub-type needs confirmation.

Su-25K

220 o/o f/n UMMA jul19

The Su-25 was noted disassembled outside the JSC 558th Aircraft Repair Plant at Baranovichi, Belarus. It was ready to be shipped.

Togo

Force Aérienne Togolaise (AF)
LFLU = Valence-Chabeuil, France

SA342M

5V-MCQ o/o f/n LFLU may19
5V-MCS o/o f/n LFLU, ex ALAT 4187 **2187** may19

Five, some sources also report six, former ALAT SA342 Gazelle helicopters were sold to Togo in 2017. The helicopters were updated by the French company Secamic, formerly known as Aerotec Group, based at Valence-Chabeuil. The contract should be worth around 20 million euros.

Tunisia

al Quwwat al Jawwiya al Jamahiriya at Tunisia (AF)

UH-60M

L82-304 36sq f/n DB, photo

Uganda

Uganda Police Air Wing (PO)

P180

5X-PEF PAW ex I-PDVR feb19

The Uganda Police Force has purchased a state of the art P180 Avanti EVO aircraft from the Italian aeroplane manufacturer Piaggio Aerospace. The plane was first noted at the factory in Italy on 26 February 2019 and was delivered by Piaggio Aerospace engineers at Kajjansi airfield, where the headquarters of the air wing is based, on 29 May. The next day it was handed over to the assistant IGP, Major General Sabiiti Muzeeyi. The aircraft cost between 21.5 and 28.2 billion Ugandan Shilling, which is between 5.7 and 7.6 million US dollars.

Zambia

Zambia Air Force (AF)

C-27J

AF002 d/d 10jun19 ex CSX62307 jun19
AF003 d/d 10jun19 ex CSX62309 jun19

Both C-27J Spartans departed from Torino-Caselle, Italy, on 10 June 2019.

Asia

Afghanistan

Afghan Air Force (AF)

The Afghan Air Force will soldier on with the C-130H Hercules. AAR Defense Systems & Logistics (Wood Dale, IL) was awarded a USD 210 million contract for logistics support of the Afghan Air Force's Lockheed C-130H transport aircraft. The Afghan Air Force has four C-130H transporters (all former USAF) and they are operated by the Air Mobility Squadron, which is part of the Kabul Air Wing.

The support contract calls for contractor logistics support including maintenance and repair. On-the-job training for local Afghan personnel is also specified in the Foreign Military Sales contract, which was announced on Wednesday 3 July 2019. Work will be performed in Kabul (Afghanistan), with a completion date of January 2025. The Air Force Life

Cycle Management Center at Robbins AFB (GA) is the contracting agent.

A-29B				
13-2014	Kabul Air Wg	d/d 28jun19	31400214	jul19
17-2027	Kabul Air Wg	d/d 28jun19		jul19
17-2028	Kabul Air Wg	d/d 28jun19		jul19

China

People's Liberation Army Air Force (AF)

H-6M				
21011	10th Div/29th Reg			jul19

J-10A				
61239	2nd Brigade			jul19

J-10B				
66277	56th Brigade			jul19

J-10C				
61037	2nd Brigade			jul19

J-10S				
61333	2nd Brigade			jul19
61335	2nd Brigade			jul19

Y-8F-100				
B-4151	Aerial Survey Regiment			jun19
B-4156	Aerial Survey Regiment			jun19
B-4157	Aerial Survey Regiment			jun19

Z-8K				
52317	STS/Transport & SAR Brigade			jun19

Z-10K				
6421	CoPAT			jun19
6422	CoPAT			jun19

People's Liberation Army (AR)

Mi-17V-7				
LH971715	76th Brigade			jul19

Mi-171E				
LH911726	Xinjiang Brigade			jul19
LH911759	Xinjiang Brigade			jun19
LH911785	Xinjiang Brigade			jul19

Z-8B				
LH991801	71st Brigade			jul19
LH991877	71st Brigade			jul19

Z-8G				
LH953839	161st Brigade			jun19

Z-10				
LH971159	76th Brigade			jul19
LH971161	76th Brigade			jul19

People's Liberation Army Navy (NY)

J-15				
.../24				jul19

JH-7A				
83297	9th Div/27th Reg			jul19

KJ-500H				
...../04				jul19
81610	1st Div			photo

Y-8Q				
...../86				jul19

Z-9C				
84501	Naval Aviation University		Z9-0773	jul19

Z-18F				
331	Carrier Air Wing		Z18F-04	jun19

Police (PO)

Z-8WJS				
WJ51805				jun19

India

Bharatiya Vayu Sena (AF)

Rafale DH				
RB001	Dassault Aviation	no markings		jul19

Su-30MKI-3				
SB138	24sq	unit update	30L 240	jul19
SB423	24sq	unit update		jul19
SB430	24sq	unit update		jul19
SB435	24sq	unit update		jul19

Bharatiya Nau Sena (NY)

On 22 July 2019, Admiral Karambir Singh, Chief of the Naval Staff has commissioned the fifth Dornier Do228 squadron, INAS313, in Chennai. The commission of fifth Dornier Aircraft Squadron is expected to enhance the Navy's efforts to carry out constant surveillance and maintain safeguarding maritime interests in the eastern seaboard of the country.

Indonesia

Tentara Nasional Indonesia - Angkatan Udara (AF)

Work on the upgrade of the two Su-30MK to MK2 standard started March 2017 and is thought to have finished. Both TS-3001 and TS-3002 were seen outside at 558 ARZ overhaul centre in Baranavichy, Belarus, early July. They seemed ready for redelivery, or maybe just awaiting payment...

CN295M				
A-2910	SkU2	toc 27jun19, ex AX-2911	162	jun19

This is a special mission aircraft, it has a search radar capable



Supporting the Pakistan contingent, showcasing the JF-17 capabilities at the Aero Salon 2019 at Le Bourget, C-130E Hercules 4171 is seen landing on 24 June 2019. (Nik Deblauwe)



Besides their presence at Le Bourget, the Pakistan Air Force also sent three JF-17 Thunders to Turkey as assets for Anatolian Eagle 2019 at Konya. (25 June 2019, Paul Thiel)

of scanning a 200 NM area. See also, Scramble 480 - page 83. So in actual fact, it is more or less an MPA variant; do not let the Navy hear it though...

Tentara Nasional Indonesia - Angkatan Darat (AR)

Mi-17V-5

HA-5138 SKUAD31 missing 28jun19

We fear it has crashed although the wreck has yet to be found.

Japan

KMZJ = Marana	RJAK = Kasumigaura
RJCO = Sapporo/Okadama	RJNA = Nagoya/Komaki
RJSM = Misawa	RJTL = Shimofusa
ARS = Kyunantai	ATS = Kyoiku Kokutai
nmks = no tail unit markings	

Nihon Koku-Jieitai (AF)

B747-47C

20-1101	N7474C	reserved	24730/816	jun19
20-1102	to N7477C	at KMZJ	24731/839	jun19

Rumour are circulating both aircraft will be converted to freighter at Tel Aviv after storage.

C-130H

95-1082	401 Hikotai	ex IRAN	382-5171	jul19
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F-2A

13-8518	o/h RJNA	nb, ex 8 Hikotai	1018	jul19
33-8523	6 Hikotai	60th anniversary c/s	1023	jul19
43-8530	3 Hikotai?	nb RJSM, ex 6 Hikotai	1030	jun19
93-8545	? Hikotai	ex IRAN, unit nn jun19	1045	oct18
93-8552	6 Hikotai?	ex nb/IRAN, unit nn	1052	jun19
13-8557	? Hikotai	ex nb/IRAN, unit nn	1057	jun19
13-8563	3 Hikotai	ex nb/IRAN	1063	jun19

MAR published a Tsuiki log, unfortunately no units were recorded for the above F-2As 545, 552 and 557. 6 Hikotai is celebrating its 60th anniversary and therefore F-2A 523 was decorated with a not very subtle red/yellow colour-scheme.

F-15DJ

32-8058	303 Hikotai	ex 23 Hikotai	815?	jul19
92-8067	23 Hikotai	prev. l/n dec16		jul19

Also this month a few Eagles (D and DJs) surfaced after having gone unnoticed for a long period of time.

F-15J

42-8830	23 Hikotai	ex nb/IRAN	030	jun19
42-8836	o/h RJNA	nb, test, ex 201 Hikotai	036	jul19
42-8844	303 Hikotai	ex 201 Hikotai (l/n sep18)	044	jul19
52-8852	305 Hikotai	ex 23 Hikotai (l/n nov17)	052	jun19
52-8860	203 Hikotai	ex 201 Hikotai	060	jul19
62-8877	o/h RJNA	nb, ex 303 Hikotai	077	jul19

F-15J Mod.

22-8940	o/h RJNA	nb, ex 306 Hikotai	140	jun19
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We have decided to refer to the Eagles with the blister modification (located just aft of the moving intakes) as F-15 Mod. instead of Kai. Probably somewhere in the near future the JASDF will officially name the youngest modified Eagles as Kai models.

U-125A

42-3022	Chitose ARS	60th anniversary mks	258610	jul19
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YS-11EB

02-1159	Denshi Sakusengun, o/h Nippi Atsugi	2151	jul19
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Was seen outside doing engine tests.

Rikujo Jieitai (AR)

AS332L

00002	to C-FPUM	ex store RJAK	2168	may09
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Also number three found a new home.

OH-6D

31247	Takayubaru	preserved, ex S	6557	may19
31294/NH	Okadama	wfu, hangared	6748	jun19

UH-1J

41841	??	ex SD, unit nn RJCO	1J41	jul19
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Unfortunately the photo did not give away its exact unit-code, but no longer SD.

V-22B

91703		at MCAS New River, NC		jul19
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Seen on a promo video of the JGSDF.

Kaijo Jieitai (NY)

HSS-2B

8167	Ominato	re-painted as "8162" M61-186		mar19
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On the photograph it looks like the 'seven' was removed and replaced by the 'two'.

SH-60J

8271	24 Kokutai	ex 22 Kokutai	1071	jul19
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SH-60K

8430	25 Kokutai	ex nmks/IRAN	5030	jul19
8433	o/h RJNA	nmks, ex 22 Kokutai	5033	jul19

P-1

5522	3 Kokutai	ex KHI	22	jul19
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P-3C

5047	203 ATS?	nmks RJTL, ex 5 Kok	9044	jul19
5071	5 Kokutai	ex nmks	9068	jun19
5074	51 Kokutai	ex nmks	9071	jun19
5089	2 Kokutai	ex nmks/51 Kokutai	9086	jul19

Pakistan

Pakistan Fiza'ya (AF)

FT-6

10827 pres Peshawar 1/n Kamra sep00 jul19

It has been pole mounted at the Model School No.4 for Boys since at least May 2008, 34.03493°, 71.61156°.

JF-17 (Block-I)

10-126 28(MR)sq c/n update **FC10118** jun19
13-145 28(MR)sq c/n update **FC10137** jun19

JF-17 (Block-II)

16-219 14(AS)sq c/n update **FC10219** mar19
19-257 nm f/n jun19
(19-262) PAC Kamra f/n **2P62** jun19
(19-263) PAC Kamra f/n **2P63** jun19

Also, the third JF-17B was said to be in final assembly.

Pakistan Fauj (AR)

KAMA = Amarillo, TX

AH-1Z

786-064 f/n KAMA for 309th AMARG? jul19
786-066 f/n KAMA for 309th AMARG? jul19

Bell 412EP

786-228 nm f/n may19

Pakistan Bharia (NY)

The second ATR-72-212A 'Sea Eagle', 78 (712), was redelivered to Pakistan on 10 July 2019 after its welcome appearance at the salon Aeronautique in le Bourget in June.

Philippines

Pilipinas Hukbong Himpapawid (AF)

Happy times in the Philippines! The Philippine Air Force is ready to receive more aircraft and helicopters soon: in 2019 a C-130 and a C-295 are expected to arrive, to be followed in 2020 by six more NC-212is, a G280 and in February six A-29 Super Tucanos.

Also, the first ten S-70i Black Hawks helicopters will arrive, with the balance of the order for a total of sixteen to follow in 2021.

This was announced at the celebration of the 72nd Air Force anniversary by Air Force chief Lt. Gen. Rozzano Briguez. Especially the arrival of the A-29 will mean that the air attack strike operations currently performed by the OV-10 will become considerably more effective.

Coast Guard (CG)

H145

PCG-145/D-HADK **20273** jun19
The helicopter was noted on a test flight on 19 June 2019 at

Manching/Ingolstadt. The new 4-ton-class twin-engine helicopter is equipped with high frequency radios, emergency flotation gear, fast rope, cargo sling, search light, and electro optical systems to perform critical missions including search and rescue, medical evacuation, maritime patrol and law enforcement. After delivery, this H145 will complement the current workhorse Philippines Coast Guard Bo105 which has served the agency well for the past 40 years.

Singapore

Republic of Singapore Air Force (AF)

ETSI = Manching-Ingolstadt, Germany

A330-243MRTT

764 o/o as EC-335 serial update **1857/MRTT037** apr19
The fifth Airbus 330 for the air force of Singapore was noted 23 May 2019 in full colour scheme at Manching-Ingolstadt leaving for Getafe, Spain.

M346

322 150sq c/n corr. **7028/0006/C0001** jun19
Dougie Couch photographed the construction number plate of this M346 during the airshow at Cazaux held on 30 June, we had this one in the database as 7023/C0006/0001. 322 is the one with the special coloured tail, to commemorate the 20th anniversary of 150 Squadron at Cazaux Air Base in France, and is not wearing any serial on the outside. If people checked other plates too, please let us know.

S-70B

262 123sq ex P.T. SSNH det. **703122** feb19
P.T. SSNH det. stands for Peace Triton SSNH detachment.

South Korea

Han Guk Gong Gun (AF)

KF-5E

10-574 18 FW/105 FS ex 101 FS **KE1017** may19
Photo found on the net with 105 FS badge.

KF-16D-52

92-045 20 FW ex 19 FW **KD-17** 2017
Photo found on the net with 20 FW badge. Probably for security reasons, only the year in which the photo was made was given.

F-35A

19-007 17 FW arr. 15jul19 **AW-07** jul19
19-008 17 FW arr. 15jul19 **AW-08** jul19
Second duo for the RoKAF arrived at Cheongju AB. Delivery flight originated from Luke AFB, AZ, They had arrived from the factory at Fort Worth, TX about two weeks previously and made some local flights. The 152 FS at Cheongju is thought to be the squadron operating the F-35A and before year's end



We only published a Peruvian Mirage 2000 once, way back in issue 132... People even thought it was a fake or model back then, it was that rare! As a tribute to that very airframe, 050, and to the excellent information we received on their construction numbers, we are happy to showcase Grupo 4's 050 again. Seen during the Cruzex exercise last November. (Natal, Raymond van Dijkhuijzen)



Another non Turkish asset at Anatolian Eagle 2019 were some Jordanian F-16s. Among them was twin-seat F-16B 234 seen blasting away. (Konya, 25 June 2019, Dino van Doorn)

six more are to be received.

Han Guk Yuk Gun (AR)

The intended successor for the fleet of AH-1 Cobras and MD500s, the KAI LAH performed its maiden flight on 4 July 2019.

Thailand

Police (PO)

AW189

.../I-EASN

49060

The construction number needs confirmation. By now, four AW189 helicopters have been identified for a yet unannounced order for the Thai police.

Latin America

Bolivia

Fuerza Aérea Boliviana (AF)

In July various tenders for insurance were published for the Fuerza de Tarea Aerea Diablos Negras and Rojas fixed wing aircraft. Insured for twelve months are C-130s FAB-61*, FAB-65, and FAB-66, Beech 200C FAB-011*, Ce206s FAB-326, FAB-338, FAB-384. The ones marked with an "*" are under maintenance. The tender for the helicopters will follow in August.

Colombia

Fuerza Aérea Colombiana (AF)

Y-12E

FAC1106

HK-5036

w/o 26aug18

017

It was damaged due to turbulence, which resulted in a rough landing at Florencia, and it was broken up in situ subsequently.

Policía Nacional de Colombia (PO)

AT-802

PNC-4018

ARAVI

f/n, gr/wh c/s

jul19

Costa Rica

Servicio de Vigilancia Aérea (PO)

UH-1ST

MSP-028

SVA

d/d 08mar19

jul19

Guatemala

Fuerza Aérea de Guatemala (AF)

To be or not to be? Early July, Guatemalan President Jimmy Morales flew to Argentina to ink the purchase of two IA-63

Pampa IIIs, to be deployed as a counterdrug force, with an option for two more. The deal not only caused a stir in the Latin American aviation press, but also in Guatemala. The government auditor halted the deal, citing "many irregularities" around the purchase. Then, the Constitutional Court voted 4 to 1 against the deal, after which the contract has now been "suspended". With apologies from Guatemala to Argentina that is...

AS350B

153

Esc de Helic.

f/n ex TG-ALG

1933 jun19

Guyana

Guyana Defence Force (DF)

On 28 June, two newly acquired Skyvans arrived at London Air Station, for service with the Air Corps. The aircraft were ordered last year, along with two BN-2 Islanders, which already arrived in August last year from Brazil. The Skyvans, in olive drab colours and wearing registrations 8R-GWJ and 8R-GBW, are said have crossed the Atlantic from Poland via the United States. The aircraft however appear to come from England. On 12 June 2019, well known G-BEOL (SH1954) and G-PIGY (SH1943) were deregistered from the British Civil Aviation Register as sold to Guyana, wearing the same olive drab colours and five-bladed propellers. Tie-ups are most welcome!

Short SC7-3

8R-GBW

d/d 28jun19

8R-GWJ

d/d 28jun19

Mexico

Fuerza Aérea Mexicana (AF)

MMTB = Tuxtla Gutierrez/Terán

C-26A

3901

c/n update

AC-751B jun19

3902

c/n update

AC-753B jun19

Parked at San Antonio IAP (TX) and auctioned through GSA, their former identities were finally revealed as 86-0458 and 86-0459 respectively.

PA-31

TRM-07

pres MMTB

f/n

15

Its serial was only confirmed in June 2019.

Policía Federal (PO)

Lj45

XC-HIE

canx 23apr19

45-026

XC-HIF

canx 20apr19

45-111

The VIP-aircraft blow out sale does not stop, these two will go to the Mexican navy, which has two Learjet 31As for sale....

Panama

Servicio Nacional Aeronaval (CG)

Six US Department of State Air Wing UH-1H-IIIs, operated in Panama since 2015, have been transferred to Panamanian control, or nationalized, which means they can now be considered Panamanian property. The date of transfer was 28 June 2019.

UH-1H-II

(70-16276)	N276WR	nationalized	12581	jun19
(72-21636)	N636VW	nationalized	13335	jun19
(72-21637)	N637VW	nationalized	13336	jun19
(73-21668)	N668WC	nationalized	13356	jun19
(73-21786)	N786AW	nationalized	13474	jun19
(74-22448)	N448WC	nationalized	13772	jun19

Peru

Fuerza Aérea del Perú (AF)

A-37B

137	Grupo 7	w/o 23apr90	43508
144 (1)	Grupo 7	w/o 23apr90	43511
144 (2)	pres Piura	as '124', ex 73-1111	43531
156	Grupo 7	w/o 23apr90	43577

These collided with a mountain in bad weather during a training flight. See also, Scramble 481 - Page 80. The second 144 was also ex N11918.

Mirage 2000P

052	Grupo 4	c/n update, built mar86	55
053	Grupo 4	c/n update, built jun86	60
054	Grupo 4	c/n update, built may86	104
060	Grupo 4	c/n update, built jun86	113
061	Grupo 4	c/n update, built dec86	118
063	Grupo 4	c/n update, built sep86	132
064	Grupo 4	c/n update, built nov86	36

We received very welcome confirmation of all the construction numbers. Above are the updates. The last one, 064, has fuselage number P1, but was one of the last built/delivered.

North America

Canada

Royal Canadian Air Force (AF)

Canada's 150th anniversary was celebrated on 1 July. The RCAF participated with many fly-bys across the country, with no less than 46 visits of aircraft and helicopters to towns all over Canada, not including the Snowbirds and CF-18 demo

team which delighted the National Capital Region with their performances.

Three Beechcraft 350ERs for ISR duties will arrive in 2022 and will be based at CFB Trenton (Ont.). The deal was eventually inked on 29 April 2019, after first reports of an imminent order in July 2018. The aircraft will be in the same configuration as US military versions, although they appear to be a bit more expensive than their US equivalents....

On 11 July, 418 Search and Rescue Operational Training Squadron has been formed again. The unit was established at CFB Comox (B.C.) to accommodate the incorporation of the new CC-295 SAR aircraft and tactics. Meanwhile, the RCAF has launched a public contest to find a name for the CC-295. Although not all RCAF have official names, not even Hornet is an official name for the CF-188, the public can choose from the next shortlist: Canso II, Guardian, Iris, Kingfisher, and Turnstone.

CH-124A (S-61B)

12429 pres Borden, Military Museum **61-334** jun19
Road-running all the way from Shearwater (N.S.) to Borden (Ont.) in the second week of June, this Sea King has found a new home with the Military Museum on base.

United States

United States

Joint US Forces (JF)

On 23 July 2019, Lockheed Martin announced it would be able to remove Turkey from its F-35 programme manufacturing supply chain by March 2020. This, following the last weeks decision of the Pentagon to remove Turkey from the F-35 programme after they introduced the Russian S-400 in the country. The aircraft manufacturer is now looking to shift sourcing some 900 F-35 parts production (amongst others, cockpit display systems and landing gear) to the US or F-35 programme countries from Turkey. Several countries already showed interest to become an alternative buyer for the one hundred planned F-35As originally destined for the Türk Hava Kuvvetleri (THK, Turkish Air Force). Poland is eyeing on purchasing some 32 of these aircraft, of which several are already in all kinds of production status. Eight of these are nearing completion in Fort Worth. Japan has indicated it might want to increase its order, while the Netherlands already increased their order with eight or nine aircraft. Other nations are evaluating the aircraft too.

The United States is planning to expand runways and plat-



Dietmar Fenners spent a couple days at Aviano to see some of the F-35As from the 388th FW which were flying for the Exercice Astral Knight 2019. F-35A 15-5203/HL is operated by 421st FS and photographed on 31 May 2019.



One of the US Army UC-35A1 that stopped at Norwich for fuel enroute KEF - NAPLES on 7 June 2019 was 99-00101. Mildenhall would not take them so they came to Norwich, and very welcome they were too! (Matt Varley)

forms of NAS Keflavik (Iceland) so the base can handle heavy tanker aircraft and aircraft as large as C-5M Super Galaxy transporters. The idea is part of a boost of US presence nearby key air and maritime passageways for the US Air Force as well as the US Navy and NATO allies. NAS Keflavik sees more military activity lately, including the presence of P-8A Poseidon maritime patrol aircraft to patrol the passageways on Russian and Chinese ships. A request was made to upgrade the apron, runway and housing area for USD 50 million to host US Air Force, Navy or North Atlantic Treaty Organization (NATO) transport- and fighter aircraft, as well as air refuellers. In late 2018, the US already started investing millions in the infrastructure of the field: see our Scramble Facebook News report of 1 August, 18 December 2018 and 26 March 2019 (*), so it can accommodate P-8A Poseidons on a short rotation deployment.

As known, Keflavik, is also a regular temporary base for US and NATO fighter aircraft patrolling the GIUK Gap (Greenland, Iceland and the United Kingdom). Breaking Defense reports that the money for the work at Keflavik will be pulled from the European Defense Initiative, a USD 5,9 billion Pentagon fund which pumps money into infrastructure projects and joint training in Europe. In 2018, the US Navy indicated that it would also like to start P-8 Poseidon deployments at Adak Island (AK), hundreds of miles off the Alaskan coast in the Aleutian island chain, which would put US aircraft at the westernmost airfield that can handle passenger aircraft in the United States. Formally known as Naval Air Facility Adak, the small airport has been operating commercially since the Navy moved out in 1997. Increased Russian and Chinese activity in the Arctic drove the Navy to look at new patrols as it searches for ways to keep a closer watch on the far north.

United States Air Force (AF)

The Northrop Grumman B-21 Raider stealth bomber is expected to make its first flight in December 2021, as USAF Vice Chief of Staff Gen. Stephen "Seve" Wilson said on 24 July 2019. Wilson added that the USAF continues to analyse its capacity for long-range strike. The USAF still believes it is short, and is reviewing alternative force mixes (like getting more B-52s out of the 309th AMARG storage depot that will see renewed operation besides the current fleet of B-1s, B-2s and B-52s). Wilson said to the press he has an application on his phone "counting down the days... and don't hold me to it, but it's something like 863 days to first flight." Initial operating capability with the B-21 is expected before the "mid 2020s." Eventually, at least 100 B-21s are planned. Air Force

Magazine asked Wilson why the service has not advanced the planned number of B-21s, given the acknowledged shortfall in bomber capacity. The USAF said in "The Force We Need" that it requires another seven bomber squadrons. Increasing the planned buy would also have the effect of reducing the unit cost, by amortizing development costs over a larger number of units. "That's exactly what we're looking at," Wilson replied, as well as "what the right balance" will be as B-21s come online. The service has yet to decide if it will extend the B-1 and B-2 bombers - slated to retire in the early 2030s - to increase the bomber fleet or simply go for an all B-21 and B-52 fleet. "But we can't have four bombers" Wilson said.

2019 will see the anniversary of Northrop Grumman's B-2A Spirit inaugural test flight, that took place on 17 July 1989. Back then it was a test flight from its birthplace Palmdale to Edwards AFB (CA). It has been more than three decades ago, since the first B-2A was publicly displayed on 22 November 1988. That day it was rolled out of its hangar at Air Force Plant 42, Palmdale (CA). Some seven months later it was flown to the B-2 Combined Test Force, part of the Air Force Flight Test Center (AFFTC) at Edwards. Of the original 21 B-2s, twenty are still in the USAF's inventory. B-2 crews have participated in five major military operations and countless training and deterrence engagements. The strategic bomber completed missions over Kosovo, Afghanistan, Iraq and, most recently, Libya. The Spirit was also the first aircraft over Afghanistan after the 11 September (2001) attacks, for which the bomber and crew hold the record for longest combat mission at 44.3 hours. With two operational squadrons, the 13th Bomb Squadron and the 393rd Bomb Squadron, B-2A expertise and dedication is shared at their homebase Whiteman AFB (MO). This followed the 2008 total force integration of the 509th Bomb Wing and the 131st Bomb Wing, a Missouri Air National Guard associated Unit.

On 11 July 2019, the 413th Flight Test Squadron successfully conducted the first USAF-piloted flight of an HH-60W CRH. Normally part of the 96th Test Wing and based at Duke Field, Eglin AFB (FL), 413th FLTS pilots carried out the test flight from Sikorsky's West Palm Beach, Florida site. The purpose of the test flight was to collect level flight performance data the USAF requires to move the programme into the production and deployment phase of the CRH Defense Acquisition Process. The embedded USAF personnel with the contractor, Sikorsky, are to provide early war fighter experienced involvement and operationally relevant developmen-

tal testing. Although Sikorsky pilots have been flying the HH-60W with serial number '14481' (Fiscal Year unknown), since its first flight on 17 May 2019, this milestone marks the beginning of integrated government and contractor flight test operations. Initially there will be six aircraft dedicated to the 'Whiskey' developmental test programme in due time. The 413th FLTS's HH-60W operations are scheduled to begin at Duke Field later this year. The aircraft, based on the Army's UH-60M helicopter, is modified to perform missions locating and rescuing downed pilots in hostile territory. The Air Force is contracted to purchase 113 HH-60W aircraft to replace its aging fleet of HH-60G Pave Hawk helicopters.

On 8 July 2019, two 4th Special Operations Squadron (SOS) AC-130U Spooky gunships returned, from what was scheduled to be their last combat deployment, back at their homebase Hurlburt Field (FL). Once arrived at the tarmac of Hurlburt, these two AC-130Us, with serial numbers 89-1056 and 90-0167, were welcomed back with a special water salute. A total of seventeen Spooky's have been flying in USAF service for over 24 years. These Spooky gunships are now to be replaced by the AC-130J Ghost Rider: the most lethal and innovative gunship in the world (as the USAF reports). Scramble assesses that the AC-130J Ghost Rider has not reached Full Operational Capability (FOC) yet. More Ghost Rider tests are ongoing and it is expected that it will be FOC in due time. Meanwhile the operational gap will be filled in by the USAF's AC-130W Stinger II gunship. The 309th Aircraft Maintenance And Regeneration Group - the storage boneyard at Davis Monthan AFB near Tucson (AZ) - recently saw the arrival of a handful of AC-130Us. Besides transfers to museums, like the USAF museum in Dayton (OH) and the Hurlburt Field (Heritage) Air Park (FL), more AC-130Us are expected for storage at the Arizona boneyard in the foreseeable future.

At the end of June 2019 another USAF milestone was reached: 552nd Air Control Wing's Boeing E-3G Sentry, with serial number 83-0009 (back then, the final US Air Force E-3 Sentry built) was the twelfth aircraft nearing modification completion for the Internet Protocol Enabled Communications (IPEC) modification programme at Tinker AFB (OK). IPEC is part of the continuing upgrades to the Boeing E-3G AWACS (Block 40/45) to provide permanent satellite-based, internet protocol enabled communications package support over high bandwidth classified and multi-domain networks. IPEC provides advanced networking capability to the USAF's Sentry fleet to further secure its role of air dominance in contested environments. At this moment, 31 E-3 Sentries are still operational within the USAF's inventory. In the end, it

is expected that some two dozen E-3's will have received the IPEC modification.

As expected, at the beginning of July 2019, the General Atomics MQ-9 Reapers from the 52nd Expeditionary Operations Group Detachment 2, temporarily relocated from Miroslawiec Air Base (Poland) to Câmpia Turzii 71st Air Base (Romania). The 52nd EOG Det.2, geographically separated from Spangdahlem's 52nd Fighter Wing, have been operating out of Poland since May 2018. At this moment the runway at Miroslawiec undergoes construction work. Although the word 'temporarily' was used, since new construction work has been conducted at Câmpia Turzii for a few years, it is becoming more and more obvious that US Reapers will operate from Romanian soil on a more permanent basis. The MQ-9 Reaper remotely piloted aircraft has an operating range of between 1,800 and 2,000 kilometers. This would allow them to, for example, fly the distance (and back) between Romania and the Sevastopol area (Russian occupied Crimea) where the main military forces of Russia are stationed near the Black Sea.

If two well-known US Senators have their way we might soon see F-16 Fighting Falcons over Illinois again. According to the State-Journal Register, Illinois Senators Duckworth and Durbin recently proposed an amendment to the National Defense Authorization Act (NDAA) that would allow the transfer of fighter aircraft back to the 183rd Wing, Illinois ANG in Springfield. The 183rd Wing and its lone flying unit, the 170th Fighter Squadron, were established in October of 1962. After flying the F-84F and several different versions of the F-4 Phantom, the 170th received its first F-16s in June 1989. These were Block-15 versions and they were eventually replaced by the Block-30 version in 1994. The 183rd Wing lost its flying mission in 2008 after almost twenty years of Viper operations. In 2005 the Base Realignment and Closure Commission (BRAC) recommended the retirement of the F-16 Block-30 version and the inactivation of the 170th Fighter Squadron. After several unsuccessful court challenges the last F-16 departed Abraham Lincoln Capital Airport on 23 September 2008 and the unit became an Air Operations Group. Many in the Springfield area are hoping for the return of the 183rd as a flying unit but it is still unknown if the amendment will be accepted in to the final version of the NDAA. The amendment lists the A-10, F-16, F-15E/X and the F-35 as possible aircraft for the 183rd Wing. The final text of the NDAA was made public on 19 June 2019 and it will now head to the US House and Senate before heading to the President's desk for final approval.



Nik Deblauwe encountered CH-47F 15-08467 of the 2-1st AVN/Co B at Ostend on 9 June 2019. It is part of the large US Army deployment arriving in Europe at the end of January 2019.



Accompanying the Chinook was UH-60L 90-26300 on charge of Co A of the 2-1st AVN. It is also deployed in Europe since the end of January. (Ostend, 9 June 2019, Nik Deblauwe)

As expected, the 21st Special Operations Squadron (SOS) 'The Dust Devils', was newly established on 1 July 2019 at Yokota Air Base (Japan). With the retirement from USAF active duty of the MH-53M Pave Low helicopters, the 21st SOS was inactivated on 9 October 2007 at RAF Mildenhall (UK). Since April 2018, five CV-22B Osprey tilt-rotor aircraft operate from Yokota as 353rd Special Operations Group, Detachment 1. In the past United States Forces Japan (USFJ) reported that a total of ten CV-22Bs were scheduled to arrive at Yokota. With the 21st SOS being re-established, also the 753rd Special Operations Maintenance Squadron was erected at Yokota. More Ospreys are expected at Yokota in due time. The following CV-22Bs have been noted recently at Yokota: 13-0067, 13-0069, 14-0071, 14-0074 and 14-0075.

1 July 2019 saw AECOM Management Services Inc., Germantown (MD) receiving a USD 7,5 million contract for contractor logistics support of the US Air National Guard's RC-26B Metroliner fleet. The remaining eleven RC-26B Multi Mission Surveillance Aircraft (MMSA) will be provided with sustainment and engineering support and is expected to be completed by 30 June 2020. The RC-26B is equipped with electronic surveillance and communication equipment to assist law enforcement in homeland and abroad with reconnaissance and tracking of illegal drug traffickers and drug cultivation activity in addition to the ability to provide necessary support during natural disasters and national special security events. The following eleven aircraft are most probably involved.

serial	construction number	unit
90-0529	DC-791M	194th FS CA ANG
91-0504	DC-803M	130th AS VA ANG
92-0369	DC-831M	162nd FW AZ ANG
92-0372	DC-834M	194th FS CA ANG
92-0373	DC-835M	130th ASVA ANG
94-0260	DC-858B	194th FS CA ANG
94-0261	DC-859B	111th RS TX ANG
94-0262	DC-860B	116th ARS WA ANG
94-0263	DC-861B	162nd FW AZ ANG
94-0264	DC-862B	111th RS TX ANG
94-0265	DC-863B	111th RS TX ANG

Early June 2019, 419th Flight Test Squadron's Boeing B-52H Stratofortress with serial number 60-0036, named 'Tagboard Flyer', was used to carry the prototype of the AGM-183A Air-Launched Rapid Response Weapon (ARRW). Flying from Edwards AFB (CA), the Stratofortress with the attached

AGM-183A ARRW prototype gathered test data including aircraft handling characteristics. This information mainly concerned data on drag plus vibration impacts on the weapon itself and on the external carriage equipment of the aircraft. The prototype weapon was outfitted with sensors and was not released from the B-52H during the flight test. Related to the above news comes the fact that high-ranking USAF officials recently stated that the B-52H may be redesignated as B-52J once it has received major modifications, including new engines.

With 35 aircraft in service, the United States Air Force's (USAF) Pilatus U-28A community made history on 13 May 2019. The Swiss built Pilatus PC-12 is now named U-28A Draco in USAF service. The U-28A Draco is the premier Intelligence, Surveillance and Reconnaissance (ISR) aircraft for Air Force Special Operations Command (AFSOC). The aircraft has already been called the Draco since its first combat deployment in 2006 (Afghanistan), but official approval of the name had been in progress for more than thirteen years. Draco is the Latin term for dragon. The mission of the Draco is to provide manned fixed-wing tactical airborne ISR support to humanitarian operations, search and rescue, conventional and special operations missions. A year ago, on 22 June 2018, the Draco reached a historic milestone when the AFSOC aircraft reached the 500,000 flying hours mark. The U-28A within AFSOC are based at Cannon AFB (NM) with 318th SOS 'Black Birds' (27th SOW), Duke Field (FL) with 5th SOS (919th SOW), Hurlburt Field (FL) with 34th SOS (1st SOW), 319th SOS (1st SOW) and 14th WPS 'Aircommandos' (57th Wing)

United States Air Force (AF)

A-7D					
70-0946/PR	pres Bayamon	ex 198th TFS PR ANG	D92	jun19	
A-10C					
80-0175/FT	76th FS	ex 75th FS	A10-0525	jul19	
80-0212/DM	309th AMARG	ex NSF Storm Chaser	A10-0562	jul19	
82-0660/FT	76th FS	ex 75th FS	A10-0708	jan19	
B-2A					
90-0041/WM	393rd BS	ex 13th BS	1016/AV-16	jun19	
93-1088/WM	393rd BS	ex 13th BS	1021/AV-21	jul19	
KC-46A					
16-46023	344th ARS	new delivery	41861/1128	jun19	
C-130H					
74-1661	186th AS	ex 36th AS	382-4596	jun19	
MC-130H					
86-1699	1st SOS	ex 15th SOS	382-5026	jun19	

C-130J	19th AW	ex 62nd AS	382-5567	apr19	F-16CM	87-0354/HO	8th FS	ex 421st FS	1C-5	sep17
05-3146	19th AW	first noted	382-5828	apr19	88-0419/HO	8th FS	ex 4th FS		1C-21	sep17
MC-130J					88-0421/HO	8th FS	ex 421st FS		1C-23	sep17
16-5839	415th SOS	new delivery	382-5839	jun19	88-0459/ED	416th FLTS	ex 445th FLTS		1C-61	may15
KC-135R					88-0468/WP	80th FS	ex 35th FS		1C-70	apr18
58-0063	328th ARS	ex 133rd ARS	17808/T0278	may19	88-0479/WP	80th FS	ex 4th FS		1C-81	jun19
60-0333	92nd ARW	ex 351st ARS	18108/T0427	jul19	88-0500/ED	416th FLTS	ex 445th FLTS		1C-102	may15
61-0321	22nd ARW	ex 507th ARW	18228/T0543	jul19	89-2120/LF	309th FS	ex 310th FS		1C-273	jul19
62-3564/ZZ	909th ARS	ex 22nd ARW	18547/T0615	jun19	89-2143/HO	8th FS	ex 421st FS		1C-296	apr19
KC-135T					91-0345/SW	55th FS	ex 77th FS		CC-43	jan19
58-0055	no markings	ex 92nd ARW	17800/T0270	jun19	91-0372/SW	79th FS	ex no markings		CC-70	jun19
58-0086/ZZ	909th ARS	ex 92nd ARW	17831/T0301	jun19	00-0221/SW	55th FS	ex 79th FS		CC-221	jun19
59-1520	no markings	ex 92nd ARW	18008/T0423	jun19	F-16DM				1D-1	may15
E-3B					87-0391/ED	416th FLTS	ex 445th FLTS		1D-75	may15
71-1407/ZZ	961st AACs	ex 960th AACs	20518/856	jul19	90-0797/ED	416th FLTS	ex 445th FLTS		CD-18	jun19
76-1606/OK	960th AACs	ex 964th AACs	21436/926	jun19	91-0463/SW	77th FS	no markings feb18			
77-0355/ZZ	961st AACs	ex 964th AACs	21555/934	jun19	F-22A					
F-16A					07-4148/AK	90th FS	ex 525th FS		645-4148	jun19
78-0038/HI	scrapped	ex 309th AMARG	61-34	apr18	F-35A					
78-0047	scrapped	ex 309th AMARG	61-43	jun18	10-5015/EG	BDR Hill AFB	ex 58th FS		AF-27	jun19
78-0074	scrapped	ex ABDR Hill AFB	61-70	aug11	15-5133/HL	421st FS	ex 4th FS		AF-124	jun19
79-0370	scrapped	ex 309th AMARG	61-155	apr18	UH-1N					
79-0380/DO	scrapped	ex 309th AMARG	61-165	aug11	69-6611/MM	512th RQS	ex 40th HS		31017	jun19
79-0382/SA	scrapped	ex 309th AMARG	61-167	aug11	69-6652	40th HS	ex 37th HS		31058	jun19
79-0401	scrapped	ex 309th AMARG	61-186	aug11	HH-60G					
79-0406	scrapped	ex 309th AMARG	61-191	aug11	81-23643	188th RQS	ex 512th RQS		70-348	jun19
80-0494	scrapped	ex 309th AMARG	61-215	apr18	82-23680	188th RQS	ex 512th RQS		70-503	jun19
80-0518	scrapped	ex 309th AMARG	61-239	apr18	82-23708	188th RQS	ex 512th RQS		70-531	jun19
80-0520/DC	scrapped	ex 309th AMARG	61-241	jun18	T-6A					
80-0552	scrapped	ex 309th AMARG	61-273	apr18	03-3677/CB	41st FTS	ex 37th FTS		PT-223	jun19
80-0553	scrapped	ex 309th AMARG	61-274	apr18	T-38A					
80-0569	scrapped	ex 309th AMARG	61-290	aug11	64-13265/MM	13th BS	ex 394th CTS		N5694	jun19
81-0673	scrapped	ex 309th AMARG	61-354	aug11	65-10361/MM	13th BS	ex 394th CTS		N5780	jun19
81-0685	scrapped	ex 309th AMARG	61-366	aug11	65-10442/MM	13th BS	ex 394th CTS		N5861	jun19
F-16B					66-8402/MM	13th BS	ex 394th CTS		N5987	jun19
78-0083	scrapped	ex 309th AMARG	62-9	jun18	67-14831/MM	13th BS	ex 394th CTS		T6026	jun19
79-0415/SH	scrapped	ex 309th AMARG	62-47	jun18	67-14920/MM	13th BS	ex 394th CTS		T6061	jun19
80-0625/AL	scrapped	ex 309th AMARG	62-67	apr18	68-8179/MM	13th BS	ex 394th CTS		T6184	jun19
F-16C					T-38C					
84-1213/LF	scrapped	ex 309th AMARG	5C-50	nov18	65-10337/VN	25th FTS	ex 50th FTS		N5756	may19
86-0239	AATC	ex 195th FS	5C-345	jul19	CV-22B					
86-0262	182nd FS	ex 134th FS	5C-368	jun19	08-0047	8th SOS	ex 20th SOS		D1033	may19
86-0315/ED	416th FLTS	ex 445th FLTS	5C-421	may15	13-0067	21st SOS	ex 8th SOS		D1048	jun19
86-0336	182nd FS	ex 134th FS	5C-442	jun19	13-0069	21st SOS	ex 8th SOS		D1050	jun19
86-0355/AK 55	18th AGRS	ex 119th FS	5C-461	jun19	14-0071	21st SOS	ex 8th SOS			jun19
87-0326/AL	100th FS	ex 134th FS	5C-587	dec18	United States Navy (NY)					
87-0331	scrapped	ex 309th AMARG	5C-592	dec17	Northrop Grumman Corp. received an order for almost USD 34 million to outfit US Navy MQ-4C Triton long-range					
F-16D										
87-0370/ED	416th FLTS	ex 445th FLTS	5D-64	may15						



One of his yearly pilgrimages to Japan is the MCAS Iwakuni open house, this year held on 5 May. VMFA-232 was deployed to the base and F/A-18C 164696/WT-06 was captured during take-off. (Reinier Schreurs)



One of the flying displays was F-35B 169296/VK-10 of VMFA-121, one of the local units. It is seen showing off its vertical capabilities. (Iwakuni, 5 May 2019, Reinier Schreurs)

Unmanned Aircraft Systems for the Signal Intelligence (SIGINT) mission. This order marks the start replacing the US Navy's ageing Lockheed Martin EP-3E Aries II SIGINT aircraft from 2020. Northrop Grumman will upgrade the MQ-4C to the so-called integrated functional capability (IFC) 4.0 level, so the UAS matches the systems of the USN EP-3E. The EP-3E is currently exclusively in use with VQ-1 *World Watchers* ('PR-xx') operating out of NAS Whidbey Island (WA). Much of these Aries II mission and electronic equipment is secret and is conducted in high-threat areas where long-range standoff is necessary. The Triton, currently at IFC 3.0 level, provides real-time intelligence, surveillance, and reconnaissance missions (ISR) over vast ocean and coastal regions and could act as a loyal wingman to the P-8A Poseidon. Full operation capability of the Triton IFV 4.0 is expected from 2021, to coincide with the Navy's retirement of the EP-3. Currently, the US Navy operates three MQ-4C Tritons with Air Test and Evaluation Squadron (VX) 20 Force from NAS Patuxent River (MD) and three with Unmanned Patrol Squadron (VUP) 19 Big Red from NAS Jacksonville (FL). We lack some recent sightings (and construction numbers). So, if anyone can update these, please notify us.

VX-20			
168457	c/n SDD-1/B1		may17
168458	c/n SSD-2		jun18
168459	c/n SSD-3		nov15
VUP-19			
168460/PE			may18
168461/PE	c/n B6		jun18
168462			jul19

As probably known, VX-20 also operates some RQ-4 Global Hawks, reportedly partly equipped with Triton systems. One of these US Navy Broad Area Maritime Surveillance (or BAMS-D) UAS was recently shot down over the Street of Hormuz by Iranian air defense, another one crashed near Point Mugu (CA), while a third one was reported as delivered but we never processed a sighting of its serial in our database.

166509	RQ-4N	c/n N-1	jun12	BAMS-D
166510	RQ-4A	c/n N-2	w/o 19jun19	
168738	RQ-4A			
168739	RQ-4A		w/o 11jun12	

The US Navy declared Initial Operational Capability (IOC) for the Northrop Grumman MQ-8C Fire Scout Unmanned Aerial System helicopter on 28 June 2019. With this milestone, the

US Navy can deploy the MQ-8C with their Littoral Combat Ships (LCSs) for reconnaissance, situational awareness, and precision targeting support and it will complement the ship-based MH-60Rs. The unmanned Bell 407 airframe is built at a Bell plant at Mirabel (Quebec), with final assembly in the US. The MQ-8C has an incredible endurance of some twelve hours with a 150nm (278 kilometer) range. The UAS will be equipped with a lightweight active electronically-scanned array radar. The radar also includes a range of digital modes including weather detection, air-to-air targeting, and a ground-moving target indicator. The US Navy deployed the MQ-8C for its first sea-borne operations, as part of the operational test and evaluation programme during in 2017 and continued testing in 2018 with Air Test and Evaluation Squadron (VX) 1. During this programme the unmanned helo performed mission scenarios aboard the USS Montgomery (LCS-8) and the USS Coronado (LCS-4) off the coast of southern California. Eventually, IOC was reached after 1,500 flight hours with over 700 sorties. In the following years, Northrop Grumman plans to deliver 38 MQ-8Cs to the US Navy. First official deployment is expected in 2021.

The US Navy expects additional US and international orders for the Boeing P-8A Poseidon in the upcoming months. These orders should extend production by two years up to late 2025. Currently, three Poseidons are built every two months. The US Navy is hoping for 21 additional aircraft on top of 117 aircraft already funded. It is said that another twenty-or-so Poseidons will be bought by one or more countries. The P-8A is currently operated by the US Navy, the Royal Australian Air Force and the Bharatiya Nau Sena (BNS, Indian Navy). The type was also ordered by the Royal Air Force, the Luftforsvaret (Norwegian Air Force), the Royal New Zealand Air Force and the Republic of Korea Air Force (RoKAF, South Korean Air Force). As the Poseidon production line is nearing closure, the US Navy programme manager is urging potential buyers to place their orders in the next six to nine months. It is expected that Saudi Arabia, Singapore and Canada, as well as a NATO alliance, are likely candidates.

United States Navy unit news

Commander, Naval Air Force U.S. Atlantic Fleet (ComNavAirLant)

The US Navy finally ordered a new 'Fat Albert' Blue Angels logistics aircraft. A former Royal Air Force (RAF) C-130J Super Hercules is scheduled to be delivered by Spring of 2020 as part of a USD 29.7 million contract. The US Navy announced

it saved some USD 50 million with the acquisition of a second-hand aircraft instead of a factory fresh aircraft.

On 16 July 2019, an MV-22B Osprey (most probably BuNo 166491/70) from Rotary Wing Air Test and Evaluation Squadron (HX) 21 *Blackjack* of NAS Patuxent River (MD) was flown over to Edwards AFB (CA), awaiting ground and flight tests as part of the certification process to refuel behind the KC-46A Pegasus aerial refueller. How cool it must have been for the HX-21 crew to fly this tiltrotor cross-country from East-to-West. We think this specific MV-22B is equipped with test systems, or else a standard USMC MV-22B of one of the operational squadrons from the West Coast would have been selected for aerial refuelling tests.

Carrier Air Wing 1, USS Harry S. Truman (CVN-75), AB

USS *Harry S. Truman* (CVN-75) and its carrier strike group (CSG) are in full preparation for an upcoming deployment. The Truman CSG will begin a Composite Training Unit Exercise (COMPTUEX) ahead of a Fall 2019 deployment. The USS *Dwight D. Eisenhower* (CVN-69) was previously meant to have been the next Atlantic Fleet carrier set for deployment, but its inavailability due to maintenance, which should have taken six months, actually lasted nineteen months. The US Navy now confirmed that CVN-75 was pushed forward in its sustainment phase, which is part of the Optimized Fleet Response Plan (OFRP) readiness generation model. The sustainment phase usually reserves time for ships to keep their readiness up through home-based training activities or larger exercises in case they are called upon to surge forward or deploy for other reasons. The Truman's last deployment took place from 28 August to 16 December 2018. It was involved in flight operations north of the Arctic Circle for the first time since the Cold War. It operated in Norwegian waters during exercise Trident Juncture 2018, and patrolled the Mediterranean Sea. The upcoming 2019 Truman CSG deployment will be the first to be conducted under the command of US 2nd Fleet as USNI reports. 2nd Fleet, headquartered in Norfolk, officially declared itself operationally capable 29 on May 2019, and its first mission was to command the BALTOPS 2019 exercise in the Baltic Sea. Carrier Air Wing 1 ('AB-xxx') will embark the HST. This wing is as follows:

VFA-11	<i>Red Rippers</i>	F/A-18F	1xx
VFA-211	<i>Fight' Checkmates</i>	F/A-18F	2xx
VFA-136	<i>Knighthawks</i>	F/A-18E	3xx
VFA-81	<i>Sunliners</i>	F/A-18E	4xx
VAQ-137	<i>Rooks</i>	EA-18G	5xx
VAW-126	<i>Seahawks</i>	E-2C-2000NP	6xx
HSC-11	<i>Dragon Slayers</i>	MH-60S	61x
HSM-72	<i>Proud Warriors</i>	MH-60R	61x
VRC-40/Det.1	<i>Rawhides</i>	C-2A NP	xx

United States Navy (NY)

FRCSW = Fleet Readiness Center South West, North Island (CA)

C-40A			
166693/693	VR-51	ex 693/VR-57	34304/1849 jun19
169792/792	VR-??	d/d	65395/7477 may19
E-2D			
168275/AC-600	VAW-126	ex AB-600, CAG c/s	AA8 may19
168276/AC-601	VAW-126	ex AB-601	AA9 may19
168594/AC-603	VAW-126	ex AB-603	AA13 may19
169063/AC-602	VAW-126	ex 600/VX-1	AA29? may19
F/A-18C			
163499/AD-307	309th AMARG	ex AD-307/VFA-106	739/C054 may19
163502/NK-307	Pensacola	ex FRCSW	745/C055 jun19
165198/AD	VFA-106	ex NE-406/VFA-34	1348/C423 may19
F/A-18E			
166437/NH-304	VFA-146	ex NH-200/VFA-147	E082 apr19
F-35C			
169032/NJ-426	VFA-125	ex NJ-402	CF-20 jun19
169601/VW-434	VMFA-314	d/d	CF-35 jun19
MH-60R			
168134/HQ-762	HSM-46	f/n	70-4... jun19
MH-60S			
165771/7Q-02	Key West SAR	ex HU-710/HSC-2	70-27.. jul19
166294/7Q-03	Key West SAR	ex HU-724/HSC-2	70-2760 jun19
167847/BR-37	HSC-28	ex HU-7..HSC-2	70-3230 jun19
167872/AB-615	HSC-11	ex BR-33/HSC-28	70-3487 jun19
168540/AB-614	HSC-11	ex AJ-614/HSC-9	70-3935 may19
P-8A			
168439/LA-439	VP-5	ex LD-439/VP-10	40819/4331 jun19
168850/850	nmks	ex YD-850/VP-4	44142/5218 jun19
169004/004	VP-9	ex YD-004/VP-4	44945/5796 jul19
169544/544	VP-47	d/d 18apr19	64075/7144 jul19
169545/545	nmks	d/d 22may19	64076/7184 may19
169546/546	VP-47	d/d	64077/7219 jul19
169547/547	VP-??	d/d 09jul19	64083/7254 jul19
169551/551	Boeing	f/n	64081 may19
169573/573	Boeing	f/f 22may19	64080 may19
RQ-4A			
166510	VX-20	w/o 19jun19	N-2
MQ-4C			
168462	VUP-19	f/n	jul19

United States Marine Corps (NY)

On 10 June 2019, Lockheed Martin was awarded by the US Navy a USD 542 million contract to build six VH-92A presidential helicopters. The contract was announced by the Programme Executive Office for Assault and Special Missions and involves, besides the six helicopters, also spares and support equipment. The VH-92A will replace two current presidential helicopter types, the VH-3D and the VH-60N. The VH-92A test



One of the latest additions to the RAAF F-35A fleet at Luke AFB (AZ) is A35-015. It flies with 61st FS, but carries the markings of its future operator once on Australian soil, 3sq. (Luke AFB (AZ), 9 July 2019, Alex Hamelink)



PC-21 A54-045 is the first of five to receive a light grey colourscheme. This specific one carries the markings of the Aircraft Research and Development Unit. (Stans, 12 July 2019, Stephan Widmer)

programme will continue to validate system performance. The initial operational test and evaluation phase is planned for mid-2020 and initial operational capability (IOC) in late 2020. Deliveries of in total 23 aircraft will continue up to 2023.

United States Marine Corps unit news

Marine Force Pacific (MARFORPAC)

The first Marine Fighter Attack Squadron (VMFA) received the F-35C. VMFA-314 *Black Knights* had the honour to pass over the lead from F/A-18A++ to F-35C at NAS Lemoore (CA). A F-35C Lightning II, BuNo 169601/VW-434 was seen alongside F/A-18A++ Hornet BuNo 162442/VW-01 during a ceremonial flight. Modex 434 is a former VFA-125 modex and will be changed in the near future in line with the USMC modex range.

United States Marine Corps (NY)

FRCE = Fleet Readiness Center East, Cherry Point (NC)

AH-1W

160798	309th AMARG	ex ?	26112	jun19
161019	309th AMARG	ex ?	26121/29168	jun19
165290/MP-02	309th AMARG	ex MP-02/HMLA-773	26338	may19

AH-1Z

168799/SN-41	HMLA-169	UV-55 HMLA-267	59039	jun19
169503	Bell	f/n	592..	jun19

KC-130J

169532/QD-532	VMGR-152	d/d	382-5866?	jul19
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C-130J

16....	Blue Angels	needs confirmation	382-5483	jul19
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CH-53E

161262/YJ-02	HMH-USA	ex HH-06/HMH-366	65-434	jun19
161532/24	HMH-USA	ex 09/HMH-462	65-453	jun19
161997/YJ-997	HMH-465	w/o 06jun19	65-474	
162525	HMH-462	ex 01/VMM-265	65-537	jun19
163084/YF-08	HMH-462	ex 22/31st MEU	65-578	jun19
164539/YF-10	HMH-462	ex YK-85/HMH-466	65-591	jun19
164787/YF-09	HMH-462	ex YF-09/HMH-465	65-630	jun19
165244/YF-03	HMH-462	ex YJ-03/HMH-465	65-638	jun19

F/A-18A+

163155/MA-00	VMFA-112	ex VE-210/VMFA-115	582/A489	jun19
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F/A-18A++

162431/VW-09	309th AMARG	ex VW-09/VMFA-314	273/A219	jun19
162433/VW-06	309th AMARG	ex VW-06/VMFA-314	276/A222	jun19
163166/VE-12	309th AMARG	ex VE-12/VMFA-115	602/A509	may19

F/A-18C

164247/SH-162	VMFAT-101	ex AB-20/VMFA-251	1010/C230	jun19
164696/WT-06	VMFA-232	ex WT-16	1132/C304	jun19
165200/DW	VMFA-251	ex AJ-406/VFA-37	1353/C425	may19

F/A-18D

164726/DW	VMFA-251	ex WK-03/V..-224	1177/D110	may19
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F-35B

169609	LMTAS	f/n	BF-73	may19
169610	LMTAS	f/n	BF-74	may19
169611	LMTAS	f/n	BF-75	may19
169612	LMTAS	f/n	BF-76	may19
169615	LMTAS	f/f 09jul19	BF-79	jul19

F-35C

169601/VW-434	VMFA-314	d/d	CF-35	jun19
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VH-92

169179	HX-21	f/n	92-0.../SDTA1	apr19
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AV-8B+(R)

165384/WH...	VMA-542	w/o 20may19	279
165584/YS-53	VMM-162	w/o 03apr18	321

MV-22B

166746/YT-07	VMM-164	ex YW-00/VMM-165	D0111	jul19
168218/ET-11	VMM-262	ex EP-11/VMM-265	D0168	jun19
168221/ET-10	VMM-262	ex EP-04/VMM-265	D0171	jun19
168286/ET-06	VMM-262	ex YQ-06/VMM-268	D0203	jun19
168326/EH-04	FRCE	ex YS-01/VMM-162	D0229?	jun19
168337/YS-01	FRCE	ex YS-01/VMM-162	D02..	jun18
168677/YT-01	VMM-164	ex nmks	D03xx	jun19
168683	Bell-Boeing	f/n	D03xx	jun19
168684	Bell-Boeing	f/n	D03xx	jun19

Oceania

Australia

Royal Australian Air Force (AF)

F-35A

A35-013	61st FS	f/n, 20CU mks	AU-13	jun19
A35-015	61st FS	f/n, 3sq mks	AU-15	jun19

Two new F-35As for the RAAF noted at Luke AFB (AZ).

PC-21

A54-044	Stans	f/n, Roulettes c/s	277	jun19
A54-045	Stans	f/n, ARDU c/s	278	jun19

PC-21 A54-044 is the final one in Roulettes markings. The final five PC-21s for the RAAF, A54-045 - A54-049, will all be in a light grey colour scheme. The first one of these, A54-045, was seen at Stans on 12 July 2019, with ARDU-markings.

Credits

Ian Carroll, Dougie Couch, Damiano Gualdoni, Daniele Mattiuzzo, Jorge Merino, Pascal Schwarz, Jos Stevens, Peter Weinert

Belarus

big five and other escapades



Until the Su-30s arrive, the Yak-130 is the most modern aircraft in the Belarus Air Force inventory. Twelve are operated, the last four, 79 red to 82 red, were delivered in February this year to 116 GvShAB. Eight were deployed for the parade. (Machulishchy, 28 June 2019, Erwin van Dijkman)

Belarus was on our wish list for quite a while. We patiently waited for 2019 because that would see the 75th anniversary of the liberation of Minsk. Five years ago, there was a parade over Minsk by quite a number of Belarus and Russian aircraft and that was an interesting prospect. Furthermore, the country is full of aviation monuments, aircraft on pedestals and still has a DOSAAF in operation. We planned to leave after the parade, on Wednesday 3 July, but after we booked our flight, the authorities decided to change the parade time from 10:30 in the morning, as it was before, to 21:00 in the evening, oops... We were now dependent on the rehearsals. Like many things in Belarus, this did not disappoint either!

We will be using the Belarus to English (British) transliteration, bear with us they are inconsequent themselves with this :-). We very much would like to use the scholarly UN-table, but that would mean a lot of characters that are hard to represent in print. Also, to keep it streamlined, we have put any civil aircraft in type-order after the military/government aircraft if and when applicable (so not in registration order as we normally do).

Day 1 Thursday 27 June 2019

Travelling on LOT by Warsaw, we picked up our first aircraft at Chopin airport and also at Minsk-2. We received some useful information from the small 4 Aviation group that was already in the country since Tuesday. After the easy entry formalities, you can now stay 30 days without visa, and smooth car pick up, we set off for a first 'raid' at Machulishchy. Obviously via the first of many Wrecks & Relics locations.

Warszawa/Frederic Chopin (EPWA)

020	C295M +2	8.BLTr	hangared
1014	W-3WA	1.BLTr	white c/s

Two Mi-8PS were pulled out of the hangar around the time we took off, another W-3 was inside the hangar, where 1014 had just been put as well.

Minsk National/Velikiy Dvor (UMMS)

RA-96018	Il-96-300	Rossiya	dep
EW-237CD	An-2R	preserved	
(EW-47291)	An-24RV	preserved	
(ER-IBA)	Il-76T	preserved as "EW-76709"	
(EW-65149)	Tu-134A	pres. as "CCCP-65036"	
EW-85581	Tu-154B-2	preserved	
(EW-88202)	Yak-40	preserved ex Belarus gymt	

See 3 July for the stored airframes that could be seen.

Minsk-Chizhovka, State Higher Aviation College

28 white	Mi-8T	preserved or i/a
17 red	Mi-24D	preserved or i/a
98 red	MiG-15UTI	preserved
04 red	MiG-29	preserved or i/a
49 white	Su-24M	preserved or i/a
44 red	Su-25	preserved or i/a

From the adjacent hospital terrain some peeks over the wall can be had, unfortunately, the aircraft block each other out. Alternatively, you can hike the embankment outside the fence, but we did not explore that further as we were eager to go to Machu!

Machulishchy (UMLI)

EW-007DD	An-26	50 SAB	
EW-009DD *	An-26	50 SAB	
EW-005DE *	Il-76	50 SAB	
01 red / 01 white	L-39C	116 GvShAB	
02 red / 02 white *	L-39C	116 GvShAB	
04 red / 04 white *	L-39C	116 GvShAB	
05 red / 05 white *	L-39C	116 GvShAB	
07 red / 07 white *	L-39C	116 GvShAB	
10 red / 10 white *	L-39C	116 GvShAB	
29 white	Mi-8MT?	50 SAB	
39 white	Mi-8MT?	50 SAB	gy/gn c/s
85 white *	Mi-8MTV-5	50 SAB	
86 white *	Mi-8MTV-5	50 SAB	
87 white *	Mi-8MTV-5	50 SAB	
88 white *	Mi-8MTV-5	50 SAB	
89 white	Mi-8MTV-5	50 SAB	
91 white	Mi-8MTV-5	50 SAB	
92 white	Mi-8MTV-5	50 SAB	
93 white	Mi-8MTV-5	50 SAB	
94 white	Mi-8MTV-5	50 SAB	
95 white	Mi-8MTV-5	50 SAB	
96 white	Mi-8MTV-5	50 SAB	
41 white	Mi-24K	50 SAB	
42 white	Mi-24K	50 SAB	
43 white *	Mi-24K	50 SAB	3532013913363/5
44 white *	Mi-24K	50 SAB	3532013913374
45 white *	Mi-24R	50 SAB	3534623912925
46 white	Mi-24R	50 SAB	
48 white *	Mi-24R	50 SAB	
49 white	Mi-8PS	50 SAB	
14 red *	MiG-29	61 IAB	14933
45 red	MiG-29	61 IAB	
46 red *	MiG-29	61 IAB	18101
48 red *	MiG-29	61 IAB	18110

64 red	MiG-29UB	61 IAB	
67 red	MiG-29UB	61 IAB	
21 white *	Su-25	116 GvShAB	
32 white *	Su-25	116 GvShAB	
35 white	Su-25	116 GvShAB	
83 white *	Su-25UB	116 GvShAB	
84 white *	Su-25UB	116 GvShAB	
86 white	Su-25UB	116 GvShAB	
71 red	Yak-130	116 GvShAB	
74 red *	Yak-130	116 GvShAB	
75 red *	Yak-130	116 GvShAB	
76 red *	Yak-130	116 GvShAB	
78 red	Yak-130	116 GvShAB	
80 red *	Yak-130	116 GvShAB	
81 red *	Yak-130	116 GvShAB	
82 red *	Yak-130	116 GvShAB	
16 red / RF-12561	An-12BK		Russia AF
49 white / RF-91339 *	Ka-52	15 BrAA	Russia AF
50 white / RF-91340 *	Ka-52	15 BrAA	Russia AF
74 white / RF-90676 *	Ka-52	15 BrAA	Russia AF
75 white / RF-13417 *	Ka-52	15 BrAA	Russia AF
76 white / RF-90677	Ka-52	15 BrAA	Russia AF
21 red / RF-95002	Su-34	47 OSAP	Russia AF
(24 yellow)	An-26	pres.	gate, as "50 red"
(54 white)	Mi-26	stored	near aeroclub
(57 yellow)	Mi-26	stored	near aeroclub
(EW-233TF)	Mi-26	stored	near aeroclub
	Su-9	preserved	as "50 red"

The aircraft marked with an "*" flew the afternoon rehearsal on Friday 28th. Su-25UB 83 white and Yak-130 81 red were identified on Friday; and L-39C 01 red/white along with Mi-8MTV-5 95 white and Yak-130 71 red, on Monday; but we included them here for completeness sake. For the Russian Su-30s and Su-34s also refer to Friday. Further preserved aircraft are listed under Wednesday 3 July.

Lida (UMDD)

(46 red)	Su-7BKL	preserved as "01 red" 7927
68 white	Mi-8T	preserved
<u>50 red</u>	MiG-15bis	preserved
<u>92 red</u>	MiG-15UTI	preserved
<u>01 red</u>	MiG-17	preserved
<u>55 red</u>	MiG-23ML	preserved
22 red	Su-24M	preserved
<u>21 red</u>	Su-25	preserved

While driving around to find the right way into the housing area here, we spotted a wolf. Immediately dubbed as one of Belarussians 'big five', along with the bear, the goat, the crane and the bison. It did look a bit unsettled, but that could have been the sight of our menacing blue Kia.

Lida

Su-25 preserved as "206 white"

Pole mounted and still unidentified.

Day 2

Friday 28 June 2019

We kicked off at Lida and routed back to Minsk via Hrodna. Many highlights on this day...

Lida (UMDD)

10 white	Mi-24P
14 white	Mi-24P
32 white	Mi-8MT?

We do not know if these are based or visiting. We did not see any Mi-24P at Machulishchy.

Shchuchyn

01 red	MiG-19S	preserved	
18 blue	MiG-25PU	preserved	36266/37266

The MiG-25 was a good one to start the W&R hunt today!

Skidzyel'

04 white	Su-24M	pres.	ex "48 wh" 0815354
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Hrodna

74 white	Su-24MR	pres.	as "700" 0941640
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The construction number was previously reported as **0941645**.

Karobchytsy

03 yellow	An-26	preserved	3501
76 white	Su-24MR	preserved	0941650

Under some delightful military chanting, we awaited the youths on camp to clear the area to make some clear photographs. While checking the Su-24, it appeared to have the tail from 72 white while the An-26 was formerly 01 blue.

Ros'

71 white	Su-24MR	preserved	0941643
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Vawkavysk

04 (red)	MiG-15UTI	preserved	camo c/s
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Zél'va

77 white	Su-24MR	preserved	ex 26 1041602
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This was previously reported as **0941642?**



Belarus is believed to operate thirteen upgraded MiG-29BM/UBM with 61 IAB out of Baranavichy. (MiG-29BM 46 and 48 red, Machulishchy, 28 June 2019, Wim Sonneveld)



This MiG-25PU trainer became a monument to honour the 151 ORAP once based at Shchuchyn. Having spent some time preserved in the old base administration area, it now guards the entrance to the village. (18 blue, Shchuchyn, 28 June 2019, Erwin van Dijkman)

Machulishchy (UMLI)

20 red / RF-95004	Su-34	47 OSAP	Russia AF
22 red / RF-95005	Su-34	47 OSAP	Russia AF
24 red / RF-95808	Su-34	47 OSAP	Russia AF
30 red / RF-95066	Su-34	47 OSAP	Russia AF
53 red / RF-81872	Su-30SM	14 GviAP	Russia AF
60 red / RF-81771	Su-30SM	14 GviAP	Russia AF
79 red / RF-81759	Su-30SM	14 GviAP	Russia AF
80 red / RF-81760	Su-30SM	14 GviAP	Russia AF
26 white	Mi-8MT	stored compound, rotorless	
34 white	Mi-8MT	stored compound, rotorless	
40 white	Mi-8MT + many	stored compound, rotorless	

We met up with the 4 Aviation crew who were a bit pressed for time on their last day here. After take-off of the afternoon rehearsal, the Russian delegation overflew the air base. We stayed on to see the Belarus aircraft recover, refer Thursday for their serials.

Baranavichy (UMMA)

EW-510TH	Il-76TD		visit
EW-003DA	Mi-172	o/h 558 ARZ	
61 red	Su-27UB	stored	
TS-3001	Su-30MK	o/h 558 ARZ	Indonesia AF
6806	Mi-24P +1	o/h 558 ARZ	Myanmar AF
59 red / RF-81770	Su-30SM	14 GviAP	Russia AF
61 red / RF-81772	Su-30SM	14 GviAP	Russia AF
62 red / RF-81773	Su-30SM	14 GviAP	Russia AF
220	Su-25	o/h 558 ARZ	Sudan AF

Well, that was quite exciting as you can imagine! The 558 ARZ area was quiet, above was parked outside. Efforts to read the closely parked second Myanmar Mi-24 remained fruitless. The Russians were seen from the Eastern threshold railway embankment; we are not entirely sure of Su-30 59 red; its RF-registration was smaller than the others and was read as 776. Likely these are on regular detachment here.

Baranavichy town

01 red	MiG-19P	preserved	
(67 black)	MiG-29UB	preserved	as "61 red"

Minsk-Lipki (UMMI)

(EW-057AM)	Yak-52	pres.	as "EW-32070HM"
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We passed this on our way to our hotel.

Day 3 **Saturday 29 June 2019**
 Today we started a huge round-trip to the northeast, east and southeast planning to return to Minsk during the course of Monday. Many W&R locations but also DOSAAF airfields, thought to be more active on the weekend, were in the planning. We did not arrange any visits, but spirits were high and

we also learned from the 4 aviation guys that they simply asked at Lipki to take some photographs and were granted permission. But before that, we took in our first relic.

Minsk, Stepyanka, Karvata street

29 red	Su-7BM	preserved
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Minsk-Lipki (UMMI)

001	Berkut		
SN-03	BRO-11MS	DOSAAF	
(UR-POTO)	Po-2 (replica)	DOSAAF	as "55 white"
(37719)	J4F-2		EW-777SL
EW-029AO	Mi-2	DOSAAF	549713046
EW-123AO	Mi-2	DOSAAF	5311143060
EW-124AO	Mi-2	DOSAAF	5311127030
EW-336AO	Mi-2	DOSAAF	5311128030
(EW-)14246	Mi-2	MChS	
EW-241EP	Mi-8MT	MChS	
EW-260TF	Mi-26T	MChS	
EW-300TF	Mi-26T	MChS	
EW-408LL	Yak-12A		ex Poland 003
25 white / (EW-125AM)	Yak-52	DOSAAF	888602
27 white / (EW-127AM)	Yak-52	DOSAAF	9812106
(53 white)	Mi-26	stored camo c/s, ex 56 ye	
80 red	Mi-2U	pres. DOSAAF	548624034
(EW-20253)	Mi-2	preserved MChS	
EW-243EQ	Mi-9	preserved MChS	
88 white	MiG-23UB	pres. DOSAAF	12500758
26 white	Su-24M	preserved DOSAAF	

Minsk, AF Headquarters

15 red	MiG-29	preserved
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Minsk-Baravaya, Museum of Aviation Technology

04 yellow	An-2T	preserved	1G160-54
(EK-11986)	An-12B	preserved	as "12 red"
01 yellow	An-24B	preserved	
22 yellow	An-26LL	preserved	
	Il-2	wreck, parts	
CCCP-41865	Il-14M	preserved	
CCCP-75781	Il-18V	preserved	
34 red	L-29	preserved	591414
07 black	Mi-1	preserved	
17 red	Mi-2U	preserved	547424111
36 blue	Mi-8T	preserved	
16 red	Mi-24P	preserved	16272
(55 white)	Mi-26	preserved	as "07 yellow"
96 red	MiG-15UTI	preserved	
28 red	MiG-17	preserved	
11 red	MiG-19P	preserved	
53 red	MiG-21SMT	preserved	l/n 2614
95 red	MiG-23UB	preserved	



Three regiments of Su-25s were inherited by Belarus. These were consolidated into one and stationed at Lida with the 206th Assault Aviation Base (206 ShAB), now rebranded as 116 GvShAB. (Lida, 27 June 2019, Erwin van Dijkman)

78 red	MiG-25BM	preserved	66005425	Kazhova aerodrom			
19 red	MiG-25PU	preserved		EW-325AB	An-2T	DOSAAF	1G23703
06 red	MiG-27K	preserved		EW-070SL	L-13		026733
(10 red)	MiG-29	pres. as "50 red", l/n	3017	EW-071SL	L-13		026457
EW-555AO	Nar. RingWing	preserved	ex DOSAAF?	EW-072SL	L-13		174224
53 red	Su-7BM	preserved	ex 60 red, 8020	CCCP-	LAK-12	ex DOSAAF?	695
42 red	Su-17M	preserved	70304	EW-382LL	PZL-101A	not ex DOSAAF	
25 white	Su-24M	preserved	0715359	EW-416SL	SZD-48	ex DOSAAF?	304
25 red	Su-25	preserved	25508108041	EW-488SL	SZD-42-2	ex DOSAAF?	
40 red	Su-27P	preserved	36911019616				
	SZD-48-2	preserved		Nothing much of interest here, it is not an official DOSAAF airfield (anymore).			
CCCP-65038	Tu-134A	preserved		Pastavy, in town, eastern shore of the lake			
	Yak-18	preserved		04 white	Mi-8PS	preserved	4278
20 red	Yak-25M	preserved	0628	23 red	MiG-23ML	preserved	l/n 9230
01 red	Yak-28PP	preserved		Pastavy, along R27 east of town			
CCCP-87855	Yak-40	preserved		(05 white)	Su-24M	pr. as "305 white",	0815355
EW-88187	Yak-40	preserved	ex government	Hlybokaye			
EW-55AM	Yak-52	preserved	844709	101 red	Su-17M	preserved	6705
<u>Stored in hangar (former DOSAAF):</u>				02 (white)	Su-24M	preserved	
EW-24304	Ka-26	stored	fake GAI mks	32 (red)	Su-27P	preserved	36911034512
<u>05 white</u>	Mi-2	stored	green c/s	No less than three serious fighters in Sukhoi's birthplace. The Su-17 can be found at the southern entrance of town, the Su-24 is on the southern shore of the lake near a school, and the Su-27 is in a victory park north of the same lake. The plate on the Su-17M was the left wing plate, it was previously listed as 6707 ; that came from its ejection seat that is in the building. The '02' on the Su-24M can just be made out under the paint. Whereas the Su-27 is in a hideous blue colour all over. Pavel would probably turn over in his grave seeing this...			
30 yellow	Mi-2	stored	green c/s	Byahoml'			
EW-121AO	Mi-2	stored	camo 5410925059	02 red	Il-14M	preserved	
EW-316AO	Mi-2	stored	camo c/s, wrapped	Syanno, Three heroes park			
EW-349AO	Mi-2	stored	camo c/s	21 white	Su-24M	preserved	0715355
EW-315AM	Yak-52	stored	white/red	34 black (or red)	Su-27P	preserved	36911034816
The two green Mi-2s were parked tail-on, the camouflaged ones nose on. All can be seen through numerous cracks and holes in the wooden hangar doors.				Again, blue paint was used to humiliate the Su-27.			
<u>Outside hangar:</u>				<u>Day 4</u> <u>Sunday 30 June 2019</u>			
EW-84636	An-2T	dumped		We ended in Vitsyebesk and because a DOSAAF airfield was not likely to be very active in the early morning, we started a bit later than usual and logged the preserved aircraft in town first.			
Lastly, Mi-8MTV-5 89 white overflew two times.							
Zhdanovichy							
31 white	Mi-2	preserved	545719078				
Loshany, Stalin Line Museum							
(03 yellow)	An-2	preserved	as "03 white"				
(06 yellow)	Mi-2	pr. as "06 wh"	545635058				
87 white	Mi-8SMV	preserved					
11 white	Mi-24P	preserved	21098				
14 white	MiG-23MLD	preserved					
07 white	MiG-25RBS	preserved					
48 white	Su-17M	preserved	72722/72821				
26 white	Su-25	preserved	25508108085				

Vitsyebsk, Victory park
 05 white Mi-2 preserved
 51 white Mi-8T preserved **9733020**
 50 grey Mi-24D preserved
 27 blue MiG-15bis preserved

Vitsyebsk, along R20 west of town
 28 white Su-24M preserved **0815304**

Vitsyebsk-Novakukavyachyna (UMNI)
 Operational aircraft noted at this DOSAAF field, also known as Peschanka, were:

EW-326AB	An-2R	DOSAAF	camo c/s
EW-360AB	An-2T	DOSAAF	no engine
EW-030AO	Mi-2	DOSAAF	
EW-322AO	Mi-2	DOSAAF	
EW-323AO	Mi-2	DOSAAF	

The storage line comprised:

05 yellow	An-2	stored	green c/s
20 yellow	Mi-2	stored	read as white
22 white	Mi-2	stored	code on tailboom
23 white	Mi-2	stored	code on tailboom
32 yellow	Mi-2	stored	read as 23 or 33 ye
24 yellow	Mi-2	stored	
28 red	Mi-2	stored	read as 32 red
57 yellow	Mi-2	stored	

Preserved outside the gate are:

17 black	Mi-1	preserved	
40 white	Su-24M	preserved	0815346
38 black	Su-27P	preserved	19718

The lady at the gate would not let us in, as there was nobody else around. So we ventured through some bushes to get a distant overview, being attacked by mosquitos and fighting the heatwaves made this a bit awkward.

Vitsyebsk-Vostochnyy (UMII)

An abundance of aircraft, mostly stored or temporarily out of use. This airfield is also called Oktyabr'skaya (October) after the nearby village.

EW-01406	An-2TP	MChS	
EW-17979	An-2R	MChS	
EW-43998	An-2R	MChS	for sale
EW-54879	An-2R	MChS	
EW-56457	An-2R	MChS	
EW-68137	An-2R	MChS	for sale
EW-23257	Mi-2	MChS	

EW-042LL	Il-103	MChS	for sale
EW-043LL	Il-103	MChS	for sale
EW-044LL	Il-103	MChS	for sale

The following had no rotors anymore. Most were likely never used actively by MChS but rather used as spares sources:

EW-14077	Mi-2	MChS	stored
EW-14247	Mi-2	MChS	stored
EW-14252	Mi-2	MChS	stored
EW-14253	Mi-2	MChS	stored
EW-20722	Mi-2	MChS	for sale
EW-20804	Mi-2	MChS	orange c/s, for sale
EW-20805 / 75 yellow	Mi-2	MChS	'20995' read for sale
CCCP-20939 *	Mi-2	MChS	for sale
CCCP-20940	Mi-2	MChS	'20340' read for sale
CCCP-20990	Mi-2	MChS	stored
CCCP-23306	Mi-2	MChS	'23330' read for sale
EW-23318 *	Mi-2	MChS	for sale
CCCP-23369 *	Mi-2	MChS	'23239' read for sale
CCCP-__590	Mi-2		stored

Plus one, likely among the ones listed as still for sale here. They were very faded with old colours coming through. Those with an "*" had faded back to olive colours, the thin civil white and blue paint faded away. With all the 0s, 3s and 9s that makes it quite difficult. The barking dog and security starting to seriously check us out did not help either...

Orsha-Balbasava

RA-76386	Il-76TD	stored	
87 white	Tu-16K	preserved	housing area

Maloye Ulanava

07 (red)	MiG-27K	preserved	76802657218
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This one is a bit too green and blue, it raised some eyebrows that four gentlemen with cameras wanted to enter this children's holiday camp. But we were allowed nonetheless.

Mahilëw-Novae Pashkava

01 red	An-2T	preserved	
(53 red)	Mi-2	preserved	513315014
72 white	Su-24MR	preserved	ex 44, 0941644
21 red	Su-27P	preserved	36911019717
CCCP-65609	Tu-134	preserved	
EW-056M	Yak-52	preserved	

The construction number of the Su-27 is very awkwardly punched, it looks like **111**. Fair weather and a lot of Yaks in the circuit made for a good bounty.



One of nineteen Su-24s we saw preserved or instructional on this trip. Two others were not seen by us and five are still stored at Baranavichy, that should bring the total to 26 airframes present in Belarus. Luckily, this one is painted like it should be; although the code '04' is fake, in reality we are looking at Su-24M 48 white. (Skidzyel', 28 June 2019, Erwin van Dijkman)



Immaculately maintained Mi-2s from DOSAAF are on the flightline at Lipki. (Minsk-Lipki, 29 June 2019, Erwin van Dijkman)

EW-324AB	An-2T	stored	
EW-128AB	An-2T	DOSAAF	yellow c/s
EW-045AB	An-2T	stored	
EW-047AM	Yak-52	DOSAAF	
EW-049AM	Yak-52	DOSAAF	
EW-050AM	Yak-52	DOSAAF	
EW-052AM	Yak-52	DOSAAF	
EW-054AM	Yak-52	DOSAAF	
EW-055AM	Yak-52	DOSAAF	
EW-126AM	Yak-52	DOSAAF	
EW-388AM	Yak-52	DOSAAF	
EW-058AN	Yak-55	DOSAAF	
EW-061AN	Yak-55	DOSAAF	
Mstsislaw			
	MIg-17	preserved	as "1136 black"

Bel'

On our way south we swung by this small agricultural airfield, as usual a barking dog gave us away and as the Antonovs were in a bad shape and civil in nature, we egressed the area before the nosy guard took up too much of our time.

(EW-)31501	An-2R	stored
(EW-)32686?	An-2	stored
EW-43967	An-2	stored
(EW-)_407	An-2 +4	stored

The CCCCP-32686 became EW-326AB so is either a misread, or EW-326AB is a different one after all. Approaching the south-eastern part of Belarus meant that we had less than perfect roads for the first time. So why bother? Well, three rare Su-9s were here for the taking!

Krychaw		
04 (red)	Su-9	preserved
Barsuki		
34 red	Su-9	preserved
Klimavichy		
35 red	Su-9	preserved

Next, yet another of the many preserved Su-24s was on the roster; followed by a rare Tu-124.

Bykhaw		
47 white	Su-24M	pres. as "47 red", 0815353

Chachérsk			
(53 red)	Tu-124Sh	preserved	
Homel',	Regional museum of military glory		
Each forest line was marked with nuclear warning signs in the whole of Homel oblast. They bore the brunt of the Chernobyl disaster in this corner of Belarus... Before we turned in for the night, and before munching two rounds of pizza, we checked out the walled off military museum from an adjacent courtyard.			
(02 white)	Mi-2	preserved	as "24 red"
89 red	Mi-8PPA	preserved	
01 red	Su-7BM	preserved	
29 red	Su-25	preserved	

Day 5

Monday 1 July 2019

Today was a day of relative ease. We wanted to be back in Minsk because today the "full dress rehearsal" was to take place, preceded by another afternoon fly-by rehearsal. This was to be the first one over the city, up until now these were held over Zaslavskaye lake. Also, the evening version should include some Russian long range bombers. We wanted to avoid traffic congestion and we had reserved a hotel with line of sight. Also we sat for a well-deserved dinner at a normal dinner time. But service was so slow that we ended up hurrying to catch the evening fly-by!

Homel', Pavel Osipovich Sukhoi technical university

Su-24M preserved

What better way to start your day. Unfortunately, this one was thickly painted silver all over. We could not reach a hatch to open, apart from the fact that we only discovered the correct hatch, with part of the construction number stencilled in, *later today* :-)

Rechytza		
07 red	MIg-15UTI	preserved

Molcha		
15 yellow	An-2T	preserved 110447315
Sitting in a picturesque scenery, complete with windmill, this oldie born in 1958 is spending his last days.		

Babruisk		
(06 white)	Su-24M	pres. as "01 wh", 0815356

Prowling for its identity, we opened a fuselage hatch near the wing, and hey, there its batch and ordinal number were stencilled '8-56'! And, yes, we closed the hatch again (or did we?)

Babruisk, Museum of military equipment

02 red	MiG-29	preserved	
45 white	Su-25	preserved	

This is situated just north of Babruisk Arena.

Bobruisk-Syckava (UMNS)

Another barking dog, another friendly guard. He had to make a phone call to check if it was indeed okay to show the spies around the highly classified DOSAAF equipment. Luckily, that was just a formality and the pristine Wilgas and Blaniks could be checked out up close.

EW-314AB	An-2T	DOSAAF	1G194-23
	An-2	stored	...5
EW-037AL	PZL-104-35A	DOSAAF	wh/bl 16840785
EW-038AL	PZL-104-35A	DOSAAF	ye/rd 16820649
EW-039AL	PZL-104-35A	DOSAAF	ye/bl 16820656
EW-041AS	PZL-104-35A	DOSAAF	sv/bl 85262
EW-097AS	L-13	DOSAAF	wh/rd c/s 026617
EW-100AS	L-13	DOSAAF	orange 026419
EW-102AS	L-13	DOSAAF	maroon 026910
EW-103AS	L-13	DOSAAF	blue 026618
EW-104AS	L-13	DOSAAF	red 026917
EW-116AS	L-13	DOSAAF	turquoise 173148

Indeed, one of the Wilgas was suffixed AS instead of AL. One Blanik was white with red trim, the others were resplendent in legacy silver; the colours mentioned denote the trim and cheatline, really beautiful and very well kept these aircraft!

Chérvyen'

75 white	Su-24MR	preserved	0941646
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The nineteenth preserved Su-24 was pocketed.

Minsk, Kastychnitskaya street

01 yellow	An-2	stored	
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Minsk, State museum of the History of the Great Patriotic War (22 yellow)

Li-2T	pres. as "56 wh",	33444309
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Minsk, Masherava avenue

Additional aircraft noted during the evening's full dress rehearsals were:

15 red / <u>RF-94149</u>	Tu-22M-3	52 TBAP	
26 red / <u>RF-94143</u>	Tu-22M-3	52 TBAP	
19 red / <u>RF-94123</u>	Tu-95MS	184 TAP	'Krasnoyarsk'
28 red / <u>RF-94116</u>	Tu-95MS	184 TAP	'Sevastopol'
15 red / <u>RF-94108</u>	Tu-160S	121 TBAP	'Vladimir Sudets'

That is some serious heavy metal... Taking into account that the Russians also participated with four Ka-52s, four Su-34s, and four Su-30s, they really helped to get the total number up to 49 aircraft. The parade was kicked-off by three (really) heavy canon shots.

Day 6 Tuesday 2 July 2019

Refreshed, and a bit frustrated because the aircraft yesterday evening were a bit off the line we expected and with bad light, we set off to what would be the longest day yet. Luckily, we could start at the treasure throve that is Baranavichy!

Baranavichy (additions only)

6805	Mi-24P	o/h 558 ARZ	Myanmar AF
6004	Su-27SK	o/h 558 ARZ	Vietnam AF
TS-3002	Su-30MK2	o/h 558 ARZ	Indonesia AF

Hoohaa! Feast your eyes on that, a second Indonesian Su-30 and a third Myanmar Mi-24, luckily parked in front of the other two, so it was not blocked. Two out of three is not bad we think :-). But festivities in the car centered around the Vietnamese Su-27 obviously.

Slonim

54 red	MiG-15UTI	preserved	camo c/s
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This is actually inside a housing area of some military installation, but it can be seen over the wall from the forest track that starts just past the gate. We visited this one now, having skipped it from our route last week. Alas, we decided to skip Ruzhany range as well. It would take too much time. Onward to Pruzhany, were the helicopter fleet was based up to fairly recently.

Pruzhany, various locations

18 red	MiG-17	preserved	
11 white	Mi-24P	preserved	16274
	Mi-24V	preserved	as "181 white"
(44)	Su-25	preserved	as "07 white"

The Mi-24P is pole mounted and was read off as **10274** inside the wheel doors; but that is too low and **16274** is more likely. The Mi-24V carried two different plates inside the wheel doors. One was **13198**, built date 12 June 1979, the other is badly punched but looks like **15640** built 29 August 1980! As with many preserved aircraft we encountered, almost all hatches were screwed or riveted closed. Clunk! clunk! nope...

Lukomer

(05 red)	MiG-15UTI	preserved	camo c/s
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Its code was overpainted.

Malech

01 red	Su-7U	preserved	
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Zero One Red, again, yeah right... We found **2507** and **2508** on plates in the port wing, and **2511** and **250_** in the right wing. So take your pick! It is overall dark green and quite a looker.

Byaroza, Ancient park

09 red	Mi-8T	preserved	9767108
06 red	Mi-24P	preserved	16264
	Su-25	preserved	

Byaroza, Sverdlova street

21 red	MiG-21S	preserved	l/n 0615
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Parked in front of an Evroopt supermarket, where we bought "the sausages". The commemorative plaque states it was operated by 927 IAP at nearby Osovtsy.

Zarechcha

01 red	MiG-17PF	preserved	
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Pinsk, Gorodskoi park

36 black	Su-27P	preserved	36911034919
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Luninets

	MiG-17	preserved	as "810 red"
--	--------	-----------	--------------



Belarus' 558 ARZ was performing some work on Vietnamese Su-27SK 6004 and Sudanese Su-25 220. (Baranavichy, 2 July 2019, Michiel Vermeer)



Twelve Mi-8MTV-5s were received, six in November 2016 and six in April 2017, 50 SAB uses them. (Machulishchy, 28 June 2019, Wim Sonneveld)

Krasnaya Volya

MiG-23ML preserved **08884**, I/n **10425**

Slutsk

70 white

An-2TD preserved

09 white

Mi-2 preserved

These are at the Kadetskoye Uchilishche Imeni Daniila Reznika school.

Voirovka

EW-468LL

Yak-52

9010608

Yak-55

___308

The Yak-52 had UR-CROW still visible under its paint. In that guise, some of us saw it in Ukraine...

Machulishchy (UMLI)

EW-004DE

Il-76MD

50 SAB

Mi-2

i/a

53 white

Mi-8PP

50 SAB

29 red

MiG-23MLD

i/a

Su-17M

i/a

42 red

Su-25

i/a

RF-90789

Tu-134AK

Russian AF

Only additional aircraft are listed. There is a small technical school in the northeast corner of the air base. It has a separate gate and the Mi-2 and Su-25 can be seen over the wall that runs adjacent on the north side. The MiG-23 and Su-17 are parked with a Su-24, Mi-8 and Mi-24 and are partly visible from the northwest side farmlands.

Minsk, school no.65

01 red

MiG-17

preserved

Day 7

Wednesday 3 July 2019

Our last day, nothing much but a visit to Mount of Glory, where an Il-2 should be preserved shortly, and some shots of the many stored civil aircraft at the airport.

Baranavichy

6805

Mi-24P

558 ARZ

3532434116203

Nothing new outside, it was an official holiday, so no activity either. However, we managed to read of a construction number of one of the Myanmar Mi-24Ps!

Minsk National/Veliky Dvor (UMMS)

EW-510TH

Il-76TD

EW-76734

Il-76TD

stored

ex Russian AF

EW-78769

Il-76MD

stored

ex Russian AF

EW-78779

Il-76TD

stored

ex Russian AF

EW-78787

Il-76MD

stored

ex Russian AF

EW-78799

Il-76TD

stored

WFP markings

EW-85741

Tu-154B

stored

EW-85815

Tu-154M

stored

ex Government

UR-MSI

An-24RV

Motor Sich

In total there were sixteen Il-76s, twelve stored, another three on ramps and one near the overhaul facility. Plus various unidentified An-12s and some other civil stuff.

Thus ends our trip, a very successful one if we may say so ourselves. Thoroughly recommended for a visit, either to the parade or just to collect lots of relics!

Warszawa/Frederic Chopin (EPWA)

0220

M-28B/PT

8.BLTr

0905

W-3WA

7.dlot

0910

W-3WA

7.dlot



Belarus inherited a squadron of Su-27Ps that came from Chojna, Poland. These were used until 2012 and after failed attempts to sell them off, they were stored, earmarked for scrapping or preservation like this one in Gorodskoi park. (Pinsk, 2 July 2019, Erwin van Dijkman)



Coming in to land after one of the many parade rehearsals are Su-25 21 white and 32 white from the 116 GvShAB. They sent six Su-25s from Lida to Machulishchy for the parade by mid-June. (Machulishchy, 28 June 2019, Erwin van Dijkman)



Most colourful of them all are the ten L-39C acquired from Ukraine in 2010. They formed a squadron within 116 GvShAB and this unit is also known as the 206th Training Center for Aircrew (206 TsPLS) since 2014. (Machulishchy, 28 June 2019, Wim Sonneveld)



Belarus started with a massive 70 Mi-24 variants back in 1992. Nowadays, the remaining Mi-24K/P/R are amalgamated into the 50 SAB and number around two dozen. This is a de-modified Mi-24K. (Machulishchy, 28 June 2019, Michiel Vermeer)

75th Anniversary Flypast over Hamilton



Andrew H. Cline

D-Day veteran Douglas Dakota III C-GRSB/FZ692 led a seven aircraft formation of RCAF heavy metal on the 75th anniversary of D-Day over the Hamilton Golf and Country Club. This aircraft flew with 233 Squadron RAF on D-Day and was later transferred to 437 Squadron RCAF which markings it was restored in by Canadian Warplane Heritage. (all photos taken by the author on 6 June 2019)

Canadians celebrated the 75th Anniversary of D-Day on both sides of the pond. The highest profile commemoration took place on 5 June 2019 at Portsmouth Harbour in England and on Juno Beach in Normandy on 6 June 2019 with thousands of Canadians, young and old, making the pilgrimage to the legendary battlefield with some of the highest casualty rates experienced in World War 2 by Canadian Military.

Back home ceremonies took place in many locations across Canada. The largest aviation event took place at Hamilton at the Canadian Warplane Heritage (CWH) Museum on 6 June 2019. A flypast was organized with three historically significant museum aircraft and four Royal Canadian Air Force heavy transports. Three CWH warbirds led the formation. Opening the show was Douglas Dakota C-GRSB, appropriately a D-Day veteran itself. It was acquired by CWH from its last government job with Environment Canada in 2014. It was built as a C-47A-5-DK by Douglas at Oklahoma City in February 1944 and briefly taken on strength with the United States Army Air Force as s/n 42-92489. It was transferred under the Lend-Lease program to the Royal Air Force as Dakota III s/n FZ692 in February 1944. No 45 Group ferried it to the UK in March 1944. It participated in D-Day with No. 233 Squadron, Royal Air Force. At 23:16 on 5 June 1944, it departed RAF Blakehill Farm. The Canadian pilot J.P.R. McRae delivered a full contingent of paratroopers into France to help establish inland support for the invasion. It was later transferred to No. 437 Squadron RCAF in September 1944. After the war it went on to serve with the RCAF and Canadian Forces until 1970. CWH repainted the aircraft in its original 437 Squadron markings which it wore until the end of the war in the European Theatre. Joining the Dakota in the formation was the CWH Avro Lancaster and North American B-25 Mitchell.

Both types were involved in bomber support at D-Day and the Mitchell wore the appropriate invasion stripes. It is painted in RAF No. 98 Squadron markings, which fought over North West Europe during 1944-45. It is dedicated to the Canadians who flew with that squadron.

Joining the Warbirds were four current RCAF aircraft, all based at 8 Wing, CFB Trenton. 437 Squadron presented its current mount, Airbus CC-150 Polaris serial 15003. 2019 is also 437 Squadron's 75th Anniversary and it painted this Polaris in a retro livery worn by another previous 437 aircraft, the Boeing CC-137 (707). Two CC-130J Super Hercules serials 130604 and 130614 flown by 436 Squadron were next on stage. 436 Squadron flew Dakotas in the Far East at the end of World War II. Finishing up the flypast was Boeing CC-177 serial 177704 flown by 429 Squadron. 429 Squadron flew Lancasters in WWII, and participated in the Normandy Campaign. It also operated Dakotas, redesignated CC-129s, in the post war years. All three of the current RCAF squadrons in the display flew the largest Second World War RCAF transport, the Douglas Dakota at some point in their history.

The 75th Anniversary of D-Day Commemorative Flypast flew over the Canadian Warplane Heritage Museum and over the nearby Hamilton Golf and Country Club where the Canadian Open Golf Tournament was getting under way. A number of veterans, hundreds of school children and many aviation enthusiasts attended the event at the museum and many learned a lot in the process. These seven aircraft represent the RCAF 'heavies' of two distinct eras. One student observed: "Our Air Force is on display, both past and present uniting to showcase air power from two different eras."

All told, it was a heavy flypast for a heavy day.



A small compilation of aircraft participating in the 75th Anniversary Flypast over Hamilton, from left to right: Globemaster III 177704 from 8 Wing Trenton, CC-150 Polaris 15003 in retro colours and The Canadian Warplane Heritage's Mitchell C-GCWM adorned with D-Day stripes.



One of two 436 Squadron RCAF CC-130J Hercules takes off ahead of the three ship formation of Canadian Warplane Heritage vintage warbirds for the 75th anniversary of D-Day Commemorative flypast in Hamilton on 6 June 2019. The Canadian Warplane Heritage's Mitchell C-GCWM and Lancaster C-GVRA are still parked at the apron. The Mitchell never actually saw military service.



437 Squadron CC-150 Polaris 15003 and 436 Squadron CC-130J Hercules 130604 await their crews for the 75th anniversary of D-Day flypast at the Canadian Warplane Heritage Museum in Hamilton on 6 June 2019. Airbus A300 N149UP operated by United Parcel Service remains parked on the apron while awaiting its departure back to Louisville Muhammad Ali International Airport.

www.facebook.com/Scramblemagazine

Dawn Strike 2019



Jeroen Oude Wolbers

F/A-18B A21-116 from 20CU carries special markings to commemorate thirty-four years of 'Classic' Hornet operations. 20CU is scheduled to retire its Hornets in December 2019, transitioning to the F-35 in 2020. A21-116 was one of the participants in exercise Dawn Strike 2019. (Williamtown, 31 May 2019, Jeroen Oude Wolbers)

Exercise 'Dawn Strike' is the final activity of the biennial Royal Australian Air Force (RAAF) Air Warfare Instructor Course (AWIC) and the candidates' final mission prior to graduation.

The most recent AWIC began at RAAF Base Pearce in January 2019 with exercise Diamond Seas in a maritime-focused scenario with Royal Australian Navy and Royal Australian Army elements, before moving into exercise Diamond Shield, a defensive counter-air exercise from RAAF Base Amberley and RAAF Base Williamtown. The next phase was Diamond Storm, at RAAF Base Darwin and RAAF Base Tindal, and saw course members plan and execute offensive counter-air scenarios. Dawn Strike, the last phase, took place at RAAF Base Williamtown.

The AWIC is an intensive five-month course for a range of Royal Australian Air Force personnel and platforms including F/A-18A/B Classic Hornets, F/A-18F Super Hornets, E/A-18G Growlers, C-130J Hercules, P-8A Poseidon, AP-3C Orion (Electronic Warfare version), E-7A Wedgetail supported by Hawk Mk127LIF, C-17A Globemaster III and KC-30A Multi-Role Tanker Transport aircraft.

On Friday 31 May 2019 at 06:30 hrs, just before sunrise, two F-35As and eleven F/A-18A Classic Hornets departed RAAF Base Williamtown to play Red Air in an offensive counter-air exercise just off the coast from RAAF Base Williamtown against the newly graduated Air Warfare Instructors (Blue Air) who took off from RAAF Base Amberley.

After the exercise all of the participating aircraft conducted a simulated attack on Williamtown. Aircraft involved in the so-called dawn strike were twenty-four F/A-18A/B Classic Hornets, four F/A-18F Super Hornets, four E/A-18G Growlers, two F-35A Lightning IIs, a single C-130J Hercules and a single E-7A Wedgetail. Before 08.15 all the aircraft had recovered safely to Williamtown.

One of the participating aircraft was Classic Hornet F/A-18B A21-116 from 2 Operational Conversion Unit (20CU) wearing a special tiger paint scheme to commemorate 20CU's final year of Classic Hornet operations. After 34 years and 15 courses, the 2019 edition of the AWIC marks also the last time that 20CU will conduct a course on the Classic Hornet.

20CU was the RAAF's first Classic Hornet unit, taking delivery of its first aircraft (F/A-18B A21-101) at Naval Air Station Lemoore, California in 1984. This aircraft and F/A-18B A21-102 were delivered to Australia in April 1985 after completing a non-stop ferry flight from NAS Lemoore to Williamtown.

20CU is expected to relinquish its Hornets in December 2019 at the completion of the RAAF's final Classic Hornet operational conversion course, after which 20CU will be re-established at Luke Air Force Base, Arizona to take delivery of the F-35A.

20CU is scheduled to return to Williamtown with its F-35As at the end of 2020, in time for the RAAF to declare initial operational capability with the F-35A.

According to current 20CU Commanding Officer, Wing Commander Scott Woodland, the first AWIC participation of the F-35A is planned for 2025, however depending on the progression of the current F-35As at Williamtown based 3 Squadron, a decision will be made as to whether they will be integrated into the next AWIC (in 2021) as well, be that potentially as Red Air or participating with Blue Air with students from the course as well.

Participants:

A97-465	C-130J-30	37sq
A30-002	E-7A	2sq
A21-5	F/A-18A	77sq
A21-6	F/A-18A	75sq
A21-7	F/A-18A	77sq
A21-10	F/A-18A	77sq
A21-16	F/A-18A	20CU
A21-18	F/A-18A	20CU
A21-22, A21-23	F/A-18A	75sq
A21-24	F/A-18A	75sq
A21-32	F/A-18A	ARDU
A21-36	F/A-18A	nn
A21-39	F/A-18A	77sq
A21-43	F/A-18A	nn
A21-45	F/A-18A	77sq
A21-47	F/A-18A	nn
A21-54	F/A-18A	75sq
A21-101	F/A-18B	ARDU
A21-102	F/A-18B	20CU
A21-103	F/A-18B	3sq mks (77sq?)
A21-105	F/A-18B	nn
A21-107, A21-113	F/A-18B	20CU
A21-115	F/A-18B	nn
A21-116	F/A-18B	20CU
A44-202, A44-203	F/A-18F	1sq
A44-213, A44-215	F/A-18F	1sq
A46-302, A46-307	EA-18G	6sq
A46-308, A46-312	EA-18G	6sq
A35-010, A35-011	F-35A	3sq



E-7A Wedgetail A30-002 from 2 Squadron also participated in Dawn Strike... (All photos Williamtown, 31 May 2019, Jeroen Oude Wolbers)



...as did F/A-18F A44-202 from 1 Squadron. See if you can spot the difference between this Super Hornet and the jet pictured below.



This is of course an EA-18G Growler, easy to distinguish from the Super Hornet above by the AN/ALQ-218 sensor pod on the starboard wingtip and the AN/ALQ-99 jamming pod under the wing. All RAAF Growlers are operated by 6 Squadron. A46-307 also participated in Dawn Strike.

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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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Next to Anatolian Eagle there is also Anatolian Phoenix, an international search and rescue exercise which is also hosted at Konya. The THK still operates a decently sized fleet of AS532 Cougars like shown serial 14020. (Konya, 22 May 2019, Jurgen van Toor)



212 Filo operates two Cessna 650 bizjets plus some other executive aircraft. The squadron's aircraft, including this 004, are based at Ankara-Etimesgut. (Konya, 26 June 2019, Paul Thiel)



The US Air Force also sent over some of their aircraft to Anatolian Eagle this year. Shown here is Mudhen 01-2001 of 494th FS Panthers. (Konya, 26 June 2019, Dino van Doorn)



G550 N19H is operated by Hubbard Broadcasting, a Minnesota-based company that owns several TV- and radio stations. It still retains the basic colours of its former registration HB-JTT. (Amsterdam-Schiphol, 8 July 2019, Walter Heukensfeld)



Perhaps the best-looking bizjet around in our opinion is Gulfstream V N888XY. It is operated by Clay Lacy Aviation for SexyJet, who also own a Pilatus PC-12 registered N88XY. (Amsterdam-Schiphol, 12 July 2019, Walter Heukensfeld)



Unlike the registration N3333U suggests, this Global 5000 has been owned by Chinese company Ruiying Yacht since last year. Ruiying Yacht is a shipyard that builds luxury yachts, but also offers yachts and apparently private jets for charter. (Amsterdam-Schiphol, 13 July 2019, Walter Heukensfeld)