

495
August 2020

Scramble



B747 - Queen of the Sky

Airliners of the Interbellum

DUTCH AVIATION SOCIETY



China Airlines took delivery of A350 B-18918 on 22 October 2018 and it has been painted in this Carbon Fibre-Airbus colour scheme. It visited Amsterdam-Schiphol on 5 May 2020 and Leo Hoogerbrugge framed it for eternity.



Six years old and flying in China for five of them, as B-3219. Since December 2019 this Embraer 190 has been operating for Air X Charter as 9H-FAB and Jan-Pieter Libens took this picture at Brussels-Zaventem on 19 May 2020.



The 80th series-built PC-24 (msn 180, ZS-NIO, going to Ni-Da) is seen here outside at Stans-Buochs for the first engine runs, on 23 April 2020. House photographer Stephan Widmer took the picture.

Editorial

Another issue of Scramble and once again made during the Covid-19 pandemic. However, we did manage to keep the issue at 112 pages, same as last month!

We have two articles in this issue. The first one is part of a series of three articles taking you back in time, starting with the Interbellum, the period between the Great War (WW I) and WW II. Of course we are talking about classic airliners here, and it will not surprise you that our expert Gert-Jan Mentink is the author. The second article is also part of a two-part article, as this features the first of two parts on the Queen of the Skies, aka the Boeing 747. Anton Homma did a lot of research for this and combined with the infamous Scramble database came up with this masterpiece. Again, due to the worldwide pandemic airlines are phasing out aircraft at an accelerated pace, and sadly the Jumbo Jet is a victim of this. Large carriers like KLM, British Airways and Qantas have already decided to retire the Jumbo ahead of schedule...

We have news on the Dutch Spotters Championships. As you might remember, Scramble won the last edition and has the honour of organising the next edition. Sadly, as everyone knows, there are currently strict restrictions in the Netherlands on organising events and it seems that these restrictions will continue for some time to come. These restrictions also apply to the Scramble Aviation Day and the National Spotters Championships. Also, because Scramble has to make commitments, we have decided to postpone the Aviation Day and the NSK until further notice and will determine at a later date whether the 2020 edition will go ahead at all. After all, the winner must still have enough time to organise the NSK 2020/21. We all hope, of course, that the situation will normalise very soon!

Cover Photo



Now that is a stunning shot of EF2000 31+38 over German airspace. The special markings are contributing to the 15-year milestone of the Eufie in Luftwaffe service. (12 June 2020, Stefan Petersen)

Important dates

Scramble 496	
Deadline copy:	21 August 2020
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Scramble World Airline Fleets 2020	246 pages
Scramble Military Transports 2020	88 pages
SMS Europe 2020	155 pages
Scramble F-16 Fighting Falcon - 6th edition	244 pages
SMS North America 2019-2020	183 pages

Movements Netherlands



In Scramble 494, page 25, we showed you the sole Boeing 737-300 in the Jonika fleet. UR-CSV is one of two Boeing 737-400s the airline operates. The aircraft still carries the basic colours of its previous operator Royal Falcon Airlines. (Amsterdam-Schiphol, 1 June 2020, Robert Eikelenboom)

Amsterdam-Schiphol

June 2020			
01. 4X-EDM	B787-9	EI AI	f/v ELY288/336
9M-MUD	A330-223F	Maskargo	02 MAS6126/7
D-AJET	ERJ135BJ	Air Hamburg	02 AHO732R
D-CXLS	Ce560XLS+	Air Hamburg	dep AHO481D
G-HCSA	Ce525A	Bookajet	22
HA-TAB	Saab 340AF	Fleet Air	02 FRF100/1
LX-DEA	Ce560XLS	Luxaviation	dep LXA24Y
LX-DEA	Ce560XLS	Luxaviation	04 LXA24Y
N129NS	G-IVSP	Global Air Charters	dep GJE1209
N171JC	G-IVSP	Global Air Charters	dep GJE76
OK-GFS	ATR72-212A	Czech Airlines	CSA616/7
N331QT	A330-243F	Tampa Cargo	TPA4047/6
PR-ANZ	A330-941	Azul	dep AZU9751
PT-MUC	B777-32WER	LATAM	02 TAM9522
PT-MUD	B777-32WER	LATAM	dep TAM9556
PT-MUI	B777-32WER	LATAM	TAM9521
UR-CQW	B737-32Q	Jonika (n/t)	f/v 02 JNK4005/4400
UR-CSV	B737-4K5	Jonika (n/t)	f/v JNK4401/4442
02. 9H-VCA	CL-350	VistaJet Malta	03 VJT401
A7-ALK	A350-941	Qatar Airways	f/v QTR273/4
D-AIRV	ERJ135BJ	Air Hamburg	03 AHO824E
D-BADA	Do328-310	Aero-Dienst (ADAC c/s)	ADN22B
D-CDRF	Lj35A	DRF Luftrettung	AMB223
LX-GBH	Falcon 8X	Luxaviation	LXA6A
N66D	Ce510	Heiko Sauer	03
N335QT	A330-243F	Avianca Cargo	TPA4049/8
OE-FNP	Ce510	GlobeAir	dep GAC981M
OO-JNL	B767-304ER	TUI Belgium	17 JAF062F/36B
PT-MUD	B777-32WER	LATAM	TAM9557
TC-GHP	CL-850	MNG Jets	
UR-CSV	B737-4K5	Jonika (n/t)	JNK4443/4402
03. 9H-WFC	ERJ135BJ	Air X Charter	04 AXY408/9
A7-ALN	A350-941	Qatar Airways	f/v QTR273/4
D-ISJP	Ce525A	Excellent Air	dep ECA1C
EC-NBN	A330-243	Wamos Air	04 PLM517P/517
G-SPRE	Ce550	Synergy Aviation	04 SYG2
LX-GVI	G650	Global Jet Luxembourg	SVW38VI
N336QT	A330-243F	Avianca Cargo	f/v TPA4047/6
N663GT	B767-324ERF	Atlas Air (a/w)	f/v 04 GTI8010/1
OE-FNP	Ce510	GlobeAir	GAC870C/B
OE-GXT	Ce525C	Int'l Jet Management	IJM188
OK-GFS	ATR72-212A	Czech Airlines	CSA618/9
OO-ABD	A340-313E	Air Belgium	SLM3004/995
OO-PRM	Ce510	Air Service Liège	2x
P4-KGA	A321-271NX	Air Astana	f/v KZR903/4
PT-MUC	B777-32WER	LATAM	TAM9523
PT-MUJ	B777-32WER	LATAM	04 TAM9550
04. 4X-ECD	B777-258ER	EI AI	ELY382/336
9A-JSD	Ce525A	Jung Sky	JSY436D/046C
9H-JLK	Falcon 7X	TAG Aviation Malta	dep TEU11
D-AIRV	ERJ135BJ	Air Hamburg	05 AHO824E/524V
D-CCVD	Ce560XLS	Atlas Air Service	ATL1D
D-IEMO	Raytheon 390	Projet	05
D-ITRA	N41GJ		
OE-FOE	OE-FOE		
OK-GFS	OK-GFS		
PT-MUE	PT-MUE		
TC-SPL	TC-SPL		
05. 9M-MTW	A330-223		
EC-NBN	A330-243		
HZ-AR22	B787-9		
N171JC	G-IVSP		
N332QT	A330-243F		
OE-HMR	Falcon 2000LX		
OO-ABD	A340-313E		
PT-MUD	B777-32WER		
PT-MUJ	B777-32WER		
06. 9H-FFF	Ce650		
F-HFCN	ERJ145MP		
G-STWB	BAe125-750		
OE-FPP	Ce510		
PT-MUE	B777-32WER		
PT-MUI	B777-32WER		
07. 9H-JLK	Falcon 7X		
A7-ALF	A350-941		
G-GLOB	Global XRS		
N129NS	G-IVSP		
N330QT	A330-243F		
N513SN	MD-11F		
PT-MUD	B777-32WER		
08. 03	C-17A		
9M-MUB	A330-223F		
PT-MUC	B777-32WER		
PT-MUI	B777-32WER		
SE-RMB	Ce525B		
YU-SVL	Ce560XLS		
09. CS-CHK	CL-350		
G-GLOB	Global XRS		
M-ETAL	P180		
OK-NFU	ATR72-212A		
P4-KEC	B767-3KYER		
TC-AEH	G150		
VT-ANT	B787-8		
10. J-631	F-16AM		
D-AFBS	ERJ135BJ		
D-FQDP	PC-12/47E		
HB-JOE	G550		
N331QT	A330-243F		
N390AE	Raytheon 390		
OE-FFB	Ce510		
OK-NFU	ATR72-212A		
PT-MUC	B777-32WER		
PT-MUJ	B777-32WER		
SP-ENZ	B737-85F		
SP-TTA	Beech 400A		
VT-ANX	B787-8		
11. A7-ALC	A350-941		
HZ-AR27	B787-10		
Ce525	Lj36A	Transavia Flug	
Ce510	Ce510	Maritime Sales & Leasing	05
ATR72-212A	ATR72-212A	GlobeAir	GAC594J/599J
B777-32WER	B777-32WER	Czech Airlines	CSA618/9
CL-300	CL-300	LATAM	05 TAM9552
A330-223	A330-223	Tarkim	
A330-243	A330-243	Malaysia Airlines	f/v MAS7980/79
B787-9	B787-9	Wamos Air	PLM518/P
G-IVSP	G-IVSP	Saudia	f/v SVA215/6
A330-243F	A330-243F	Global Air Charters	06 GJE76
Falcon 2000LX	Falcon 2000LX	Avianca Cargo	TPA4047/6
A340-313E	A340-313E	MHS Aviation	dep MHV20X
B777-32WER	B777-32WER	Air Belgium	SLM996/3003
B777-32WER	B777-32WER	LATAM	06 TAM9558
Ce650	Ce650	LATAM	TAM9551
ERJ145MP	ERJ145MP	Luxwing	07 LWG1491/1401
BAe125-750	BAe125-750	Valljet	VLJ02AN
Ce510	Ce510	Voluxis	07 VXS606/7
B777-32WER	B777-32WER	GlobeAir	GAC174Y/063Z
B777-32WER	B777-32WER	LATAM	TAM9553
Falcon 7X	Falcon 7X	LATAM	07 TAM9554
A350-941	A350-941	TAG Aviation Malta	10 TEU11
Global XRS	Global XRS	Qatar Airways	f/v QTR273/4
G-IVSP	G-IVSP	Execujet (UK)	08
A330-243F	A330-243F	Global Air Charters	09 GJE1209
MD-11F	MD-11F	Tampa Cargo	TPA4047/6
B777-32WER	B777-32WER	Western Global(a/w)	WGN3366/7
C-17A	C-17A	LATAM	TAM9559
A330-223F	A330-223F	HAW	f/v div 09 BARTOK54
B777-32WER	B777-32WER	Maskargo	09 MAS6126/7
B777-32WER	B777-32WER	LATAM	09 TAM9556
Ce525B	Ce525B	LATAM	TAM9555
Ce560XLS	Ce560XLS	Svenskt Industriflyg	
CL-350	CL-350	Prince Aviation	09 PNC1VL
Global XRS	Global XRS	Netjets Europe	f/v 11 NJE983T/081Y
P180	P180	Execujet (UK)	
ATR72-212A	ATR72-212A	GFG Aviation	
B767-3KYER	B767-3KYER	Czech Airlines	CSA618/9
G150	G150	Air Astana	10 KZR1381/2
B787-8	B787-8	TAHE Air Taxi	f/v
F-16AM	F-16AM	Air India	f/v 10 AIC1169/70
ERJ135BJ	ERJ135BJ	322sq	f/v div 12 POLLY1/COBRA1
PC-12/47E	PC-12/47E	Air Hamburg	AHO725Z/717U
G550	G550		f/v
A330-243F	A330-243F	ExecuJet Europe	11 VCN121
Raytheon 390	Raytheon 390	Tampa Cargo	TPA4047/6
Ce510	Ce510	Aleksandr Zhuperin	f/v 13
ATR72-212A	ATR72-212A	GlobeAir	GAC716H/594K
B777-32WER	B777-32WER	Czech Airlines	CSA618/9
B777-32WER	B777-32WER	LATAM	TAM9557
B737-85F	B737-85F	LATAM	11 TAM9550
Beech 400A	Beech 400A	Enter Air	11 ENT525
B787-8	B787-8	Smart Jet	SAH59P
A350-941	A350-941	Air India	f/v 11 AIC1169/70
B787-10	B787-10	Qatar Airways	f/v QTR273/4
		Saudia	f/v SV3215/216

M-ETAL	P180	GFG Aviation	I-NEMO	Falcon 900LX	C. A. I.	f/v CPI171
N11GW	G-V	Journey Aviation	N66D	Ce510	Heiko Sauer	
N29978	B787-9	United Airlines f/v UAL2775/2796	N331QT	A330-243F	Tampa Cargo	TPA4047/6
OK-GFS	ATR72-212A	Czech Airlines CSA618/9	OE-FIX	Ce525	Aeroways	19
OO-JDL	B787-8	TUI Belgium 13 JAF871F/8711	OE-FZE	Ce510	GlobeAir	24 GAC400Z/B
PT-MUD	B777-32WER	LATAM 12 TAM9552	OE-HUB	Ce750	Bairline	18
SE-RIL	Ce560XLS	Svenskt Industriflyg JET7	OK-RLV	G280	Avcon Jet	
SP-ENZ	B737-85F	Enter Air ENT532	OO-TUV	B737-86J	TUI Belgium	arr JAF058F
YU-SCJ	Ce525	Prince Aviation 12 PNC9CJ	OY-RIB	P180	Danish Crown	SUS601A/B
12.9H-JLK	Falcon 7X	TAG Aviation Malta 16 TEU11	PT-MUE	B777-32WER	LATAM	18 TAM9550
9H-VCF	CL-350	VistaJet Malta 14 VJT486	PT-MUJ	B777-32WER	LATAM	TAM9557
D-CFIV	Lj35A	Air Alliance Express AYY118	VT-ANK	B787-8	Air India	f/v 18 AIC1169/70
EC-IVP	ATR42-300F	Swiftair f/v SWT540/P	18.9H-JLK	Falcon 7X	TAG Aviation Malta	TEU11
HB-JOE	G550	ExecuJet Europe 14 VCN121	B737-548	B737-548	Maleth-Aero	MLT503A/503
N335QT	A330-243F	Avianca Cargo TPA4047/6	9M-VOX	A330-223F	Maskargo	MAS6124/5
N29975	B787-9	United Airlines f/v UAL70/1	D-CEFO	Ce560XLS+	Air Hamburg	19 AHO377M
OO-CCJ	Ce525	Air Service Liège	D-CUGF	Ce525B	Stuttgarter Flugdienst	ATL4U
OO-GLM	Ce680	Air Service Liège	LX-FPF	Ce525B	Flying Group Luxemb.	19 FYL81F/82F
OO-MMT	Ce560XLS	Air Service Liège dep	N915TB	G450	FlightsWorks	f/v arr
OO-PCN	PC-12/47E	European Aircraft Private Club	OO-ABA	A340-313E	Air Belgium	SLM994/3003
PT-MUJ	B777-32WER	LATAM TAM9551	OO-XLS	Ce560XLS+	Air Service Liège	dep
SE-RMB	Ce525B	Svenskt Industriflyg	OO-XLS	Ce560XLS+	Air Service Liège	19
SU-GEW	B787-9	Egypt Air f/v MSR757/8	PT-MUD	B777-32WER	LATAM	20 TAM9552
TC-LLC	B787-9	Turkish Airlines THY1951/2	SP-ENU	B737-83N	Enter Air	21 ENT556
13.D-CEIS	Ce680	Eisele Flugdienst EFD6S	SP-LWC	B737-89P	LOT	20 LOT8639/40
D-IJET	P180	AirGo XGO6AM/6KB	UR-CQW	B737-32Q	Jonika (n/t)	UBD4005/6
N29DE	Cirrus SF50	Deny Airlines dep	19.D-AFAN	CL-850	FAI rent-a-jet	20 IFA6152/48
N29DE	Cirrus SF50	Deny Airlines 15	D-CJMK	Ce560XLS+	Air Hamburg	AHO365H
OE-FHK	Ce510	GlobeAir 14 GAC403Z/611M	D-IEMO	Raytheon 390	Projet	f/v 20
OO-TUX	B737-86N	TUI Belgium TFL072P/7311	F-HENE	HA-420	EATIS	f/v 20
PT-MUD	B777-32WER	LATAM TAM9553	G-ZBJK	B787-8	British Airways	f/v BAW430/1
PT-MUI	B777-32WER	LATAM 14 TAM9554	HA-KAM	ATR42-320F	Fleet Air	f/v 20 FRF600/1
SP-LWA	B737-89P	LOT 15 LOT8639/40	LX-JFH	PC-12/45	Jetfly Aviation	20 JFA86M/51Q
14.B-20D7	B787-9	China Southern f/v CSN307/8	N330QT	A330-243F	Tampa Cargo	TPA4047/6
D-CEFO	Ce560XLS+	Air Hamburg AHO774S	OE-GTI	Ce525C	Porsche Air Service	20
D-FQDP	PC-12/47E		OO-XLS	Ce560XLS+	Air Service Liège	22
N2E	G650ER	SNAP	PT-MUE	B777-32WER	LATAM	TAM9551
N498YY	Ce525	Skyhigh Aviation 16	SP-EMA	PC-12/45		f/v
OE-FXM	Ce525A	Speedwings dep SPG766	SX-NEO	A320-271N	Aegean Airlines	f/v AEE626/7
OO-ACC	Ce525A	Air Service Liège 15	20.9H-VCO	CL-350	VistaJet Malta	21 VJT449
OO-TUX	B737-86N	TUI Belgium 27 TFL7312/708F	A7-ALI	A350-941	Qatar Airways	f/v QTR273/4
YR-FKB	Fokker 100	Carpatair KRP3064/4064	D-CEIS	Ce680	Eisele Flugdienst	EFD6S
15.9M-MUB	A330-223F	Maskargo MAS6126/7	D-CFLY	Ce560XLS+	Air Hamburg	21 AHO454E
D-CDCM	Ce560XLS+	Air Hamburg AHO386P	D-ICBA	Ce525A	ProAir	21
D-IGWT	Ce525A	Sylt Air AWU715G	OK-TVL	B737-8FN	Smartwings	TVF4171/417P
N8AL	G650ER	Air Lease f/v 19	OO-MMT	Ce560XLS	Air Service Liège	21
N129NS	G-IVSP	Global Air Charters 19 GJE1209	OO-TNB	B737-8K5	TUI Belgium	arr JAF058F
N332QT	A330-243F	Avianca Cargo TPA4047/6	UR-CQW	B737-32Q	Jonika (n/t)	UBD4003/4
OE-FCB	Ce510	GlobeAir 16 GAC988U/877V	21.G-CLAA	B747-446F	CargoLogic Air	CLU5818/9
OK-SWT	B737-7Q8	Smartwings TVS435P/4356	G-EUNB	A318-112	Titan Airways	f/v 22 AWC658Y/581
OO-MMT	Ce560XLS	Air Service Liège 18	HZ-AR25	B787-10	Saudia	f/v SVA215/6
OY-RIB	P180	Danish Crown SUS601A/B	LX-PCD	PC-24	Jetfly Aviation	f/v JFA53G/77T
PT-MUI	B777-32WER	LATAM TAM9555	M-EVAN	CL-300	Marcus Evans	27
PT-MUJ	B777-32WER	LATAM 16 TAM9556	N332QT	A330-243F	Avianca Cargo	TPA4047/6
SP-ENU	B737-83N	Enter Air ENT555	OE-FZC	Ce510	GlobeAir	22 GAC877W/917C
16.D-ICBA	Ce525A	ProAir	OE-GZK	Ce560XLS	IJM	IJM369
EC-NGX	Ce510	Heron Aviation f/v 17 HRN125	OO-SBO	Falcon 8X	Flying Service	f/v 22 FYG12S/301
EW-543PA	B737-8K5	Belavia f/v BRU867/8	PT-MUD	B777-32WER	LATAM	TAM9553
G-KION	Ce525	Apex Global f/v	PT-MUI	B777-32WER	LATAM	22 TAM9554
G-ZBJD	B787-8	British Airways f/v BAW430/1	SP-TTA	Beech 400A	Smart Jet	23 SAH59P
I-OUNI	Falcon 900EX	C. A. I. f/v CPI161	YL-LCS	A320-214	Smartlynx (a/w)	27 ART9493/8441
M-IFFY	Ce510	Xead Aviation 18	22.9M-MUD	A330-223F	Maskargo	MAS6126/7
OE-GDS	Ce560XLS+	Jet Pool f/v 18	CN-RGI	B737-86N	Royal Air Maroc	RAM3854/3055
OE-GKW	G100	Tyrol Air Ambulance TYW757/8	D-AFAN	CL-850	FAI rent-a-jet	IFA6148
OK-NFU	ATR72-212A	Czech Airlines CSA618/9	D-BFIL	EMB545	Atlas Air Service	ATL8F
OK-PBT	Ce525A	Queen Air 17 QNR25A	D-COZY	EMB505	Luxaviation Germany	LXG30Y
OK-SWT	B737-7Q8	Smartwings TVS4357/435F	D-IFIS	Ce525A	Luxaviation Germany	LXG22S
OO-ABA	A340-313E	Air Belgium SLM3004/993	D-ISUN	Ce525A	Excellent Air	23 ECA5C
SP-LWB	B737-89P	LOT 18 LOT8639/40	D-IGWT	Ce525A	Sylt Air	24 AWU722G/724G
17.9H-VOX	B737-548	Maleth-Aero f/v MLT502A/502	F-HIBF	Ce510	Aston Jet	ASJ733
D-BFIL	EMB545	Atlas Air Service 19 ATL8F	LX-FPF	Ce525B	Flying Group Lux.	FYL83F/84F
D-BOOC	Ce750	Air X Exec. Jets 18 AXG1815/6	N8AL	G650ER	Air Lease	
D-CHRA	Ce525C	Eisele Flugdienst EFD4A	N513SN	MD-11F	Western Global(a/w)	WGN3366/7
D-ISJP	Ce525A	Excellent Air ECA1C	OO-MMT	Ce560XLS	Air Service Liège	23
EC-NBO	A350-941	Evelop Airlines f/v 18 EVE027P/728	PT-MUJ	B777-32WER	LATAM	24 TAM9556
F-GMTJ	Ce510	AstonJet ASJ068	23.D-AHOI	ERJ135BJ	Air Hamburg	AHO864E/D

D-CEIS	Ce680	Eisele Flugdienst	EFD6S	28.85	EMB121AN	28F	f/v 29 CTM1715
D-CJMK	Ce560XLS+	Air Hamburg	AHO491F	086/YI	EMB121AA	EAT00.319	29 CTM1733
D-IHKW	Ce525	ProAir	24	9H-VFE	CL-605	VistaJet Malta	VJT569
G-ZBJC	B787-8	British Airways	f/v BAW430/1	A6-EQG	B777-31HER	Emirates	f/v UAE147/8
HB-VRF	PC-24	Lakeside Aviation	f/v	A7-ALX	A350-941	Qatar Airways	f/v QTR273/4
M-IFFY	Ce510	Xead Aviation	25	CS-CHE	CL-350	NetJets Europe	29 NJE9GP/930E
N129NS	G-IVSP	Global Air Charters	25 GJE1209	D-CDOC	Lj45	Jetcall	JCL2
OK-BET	Ce525	Queen Air	QNR25M	D-CQAC	Lj45	Quick Air Jet Charter	QAJ4955
OO-MMT	Ce560XLS	Air Service Liège	24	EW-544PA	B737-8K5	Belavia	f/v BRU867/8
OO-NEY	EMB545	Air Service Liège		G-ERFX	ERJ135BJ	Flexjet	f/v arr FLJ611
PT-MUI	B777-32WER	LATAM	TAM9555	N29DE	Cirrus SF50	Deny Airlines	arr
24.4X-ECC	B777-258ER	EI AI	ELY382/336	N332QT	A330-243F	Avianca Cargo	TPA4047/6
A6-EQM	B777-31HER	Emirates	f/v UAE147/8	OE-FDT	Ce510	GlobeAir	29 GAC328S/217T
D-CHIP	Ce525B	Eisele Flugdienst	25 EFD3P	OO-JAV	B737-8K5	TUI Belgium	arr JAF9772
D-COZY	EMB505	Luxaviation Germany	LXG30Y	OO-MMT	Ce560XLS	Air Service Liège	30
G-ZAPX	B757-256	Titan Airways	25 AWC650Y/501	PR-ANZ	A330-941	Azul	29 AZU9711/9757
LX-JFY	PC-12/47E	Jetfly Aviation	JFA23P/73R	PT-MUC	B777-32WER	LATAM	29 TAM9558
N331QT	A330-243F	Tampa Cargo	TPA4047/6	29.9H-ELI	Ce750	Luxwing	arr LWG902
OH-TRG	PC-12/47E	Hendell Aviation	25	9M-MUB	A330-223F	Maskargo	MAS6126/7
OO-MMT	Ce560XLS	Air Service Liège		D-CARO	Ce680	Aerowest	30
OO-XLS	Ce560XLS+	Air Service Liège	29	D-ISLT	Ce525A	Sylt Air	30 AWU929K/930K
PK-GIH	B777-3U3ER	Garuda Indonesia	GIA8800	G-HCSA	Ce525A	Bookajet	arr
PT-MUE	B777-32WER	LATAM	25 TAM9550	LX-JFR	PC-12/47E	Jetfly Aviation	JFA48S/08A
25.9H-VCE	CL-350	VistaJet Malta	VJT474	N513SN	MD-11F	Western Global (a/w)	30 WGN3366/7
9M-MUA	A330-223F	Maskargo	MAS6124/5	OE-FNP	Ce510	GlobeAir	GAC018P/907Q
A7-CGT	G500	Qatar Executive	f/v 26 QQE559	OE-FRM	Ce510	GlobeAir	30 GAC217U/869W
D-CCVD	Ce560XLS	Atlas Air Service	ATL1D	OE-GDF	EMB505	Speedwings	SPG806
D-CQAC	Lj45	Quick Air Jet Charter	f/v 2x QAJ1650	OO-XLS	Ce560XLS+	Air Service Liège	arr
OK-NFU	ATR72-212A	Czech Airlines	CSA618/9	PH-BFY	B747-406	ex KLM	dep KLM747
PR-ANZ	A330-941	Azul	27 AZU9756/9710	PH-UNC	Falcon 7X	JetNetherlands	f/v arr
PT-MUD	B777-32WER	LATAM	26 TAM9552	PT-MUI	B777-32WER	LATAM	TAM9555
PT-MUJ	B777-32WER	LATAM	TAM9557	PT-MUJ	B777-32WER	LATAM	01 TAM9556
SE-RMB	Ce525B	Svenskt Industriflyg		VT-ANO	B787-8	Air India	f/v 30 AIC1121/2
26.9H-JLK	Falcon 7X	TAG Aviation Malta	29 TEU11	30.014	C295M	8.BLTr (13.el)	PLF040
B-20EN	B777-F1B	China Southern Cargo	f/v CSN451/2	9H-JLK	Falcon 7X	TAG Aviation Malta	arr TEU11
CN-RNW	B737-8B6	Royal Air Maroc	RAM3802/3003	9H-VCM	CL-350	VistaJet Malta	VJT431
D-CHIP	Ce525B	Eisele Flugdienst	EFD3P	A7-ALV	A350-941	Qatar Airways	f/v QTR273/4
D-CROG	EMB505	Air Hamburg	AHO297P	D-ADCL	G550	DC Aviation	arr DCS101
EJ-AWES	CL-605	SONAS Aviation	f/v 27 SON001	D-ITRA	Ce525	Transavia Flug	
G-ZBKG	B787-9	British Airways	f/v BAW430/1	G-ZAPX	B757-256	Titan Airways	AWC622/W
HZ-ARE	B787-9	Saudia	f/v SVA215/6	G-ZBKI	B787-9	British Airways	f/v BAW430/1
LY-HCW	BAe125-800XP	Charter Jets	27 LTC501	HA-KAM	ATR42-320F	Fleet Air	arr FRF800
N331QT	A330-243F	Tampa Cargo	27 TPA4047/6	M-IFFY	Ce510	Xead Aviation	arr
N1511A	B767-383ERF	Atlas Air (a/w)	f/v GTI8010/1	N708JH	G550	US Department of Justice	f/v arr
OO-MMT	Ce560XLS	Air Service Liège	28	OE-FSP	Ce525A	Pink Sparrow	SOW4
PK-GIH	B777-3U3ER	Garuda Indonesia	GIA8900	OE-FZC	Ce510	GlobeAir	GAC449E/F
PT-MUE	B777-32WER	LATAM	TAM9551	OH-TRG	PC-12/47E	Hendell Aviation	
27.4L-MGT	ERJ195LR	Georgian Airways	TGZ2651/2	OK-OBR	Ce510	Aero Partner	DFC5JN
D-CAHO	Ce560XLS+	Air Hamburg	28 AHO381Y	OO-ABD	A340-313E	Air Belgium	SLM3004/993
D-CHIP	Ce525B	Eisele Flugdienst	28 EFD3P	OO-JAQ	B737-8K5	TUI Belgium	arr JAF923F
D-IHKW	Ce525	ProAir		OO-MMT	Ce560XLS	Air Service Liège	arr
EJ-AWES	CL-605	SONAS Aviation	28 SON001	PR-AIU	A330-243	Azul	02 AZU9713/51
G-ZAPX	B757-256	Titan Airways	28 AWC502/621	PT-MUC	B777-32WER	LATAM	TAM9559
OE-FAT	Ce510	GlobeAir	28 GAC626U/698R	SE-RMB	Ce525B	Svenskt Industriflyg	
PR-AIU	A330-243	Azul	f/v 29 AZU9750/9712	SP-ENU	B737-83N	Enter Air	01 ENT590/54AZ
PT-MUD	B777-32WER	LATAM	TAM9553	TC-FNH	CL-650	Fiba Air	
PT-MUI	B777-32WER	LATAM	28 TAM9554	YL-LCL	A320-214	Smartlynx (a/w)	02 ART9634/8422
S7-VEV	A320-251N	Air Seychelles	f/v SEY9778/8075				



For most of the local aviation enthusiast this Air Seychelles Airbus was the high light of the month. A320 S7-VEV arrived via an overnight stop at Brussels. (Amsterdam-Schiphol, 27 June 2020, Ton Jochems)



SERAIR Transworld Press was founded in 1983. The company was restructured to a limited company in July 1997. The company currently operates three Beechcraft 1900C aircraft. EC-JDY was added to the fleet in December 2004. (Rotterdam-The Hague, 30 June 2020, Kees Harteveld)

Cargo transports using passenger aircraft continued this month with visitors from South America being the special ones this time. Other highlights are the Air Seychelles Airbus on the 27th arriving via a stop at Brussels and the departure of a former KLM Boeing 747 on the 29th. Credits: Laurent ten Hoopen (SBS), Scramble MB.

Rotterdam-The Hague

June 2020			
01.HB-VLX	PC-24	ExecuJet Europe	02
OY-APM	G450	Maersk Aviation	
PH-MAS	P68C-TC	Miramap Aerial Surveys	
02.CS-PHD	EMB505	NetJets Europe	NJE3NX/927D
D-CDCM	Ce560XLS+	Air Hamburg	03 AHO492W
D-CWIT	Ce525C	Witron Logistic	2x
LX-JFX	PC-12/47E	Jetfly Aviation	JFA58C/80P
N116MA	Lj36A	FSA Aerospace	03
N620CM	Ce510	Relay Securities	
PH-KFB	DA42NG	KLM Flight Academy	*KLM7910
03.D-CNOC	Ce560XLS	Excellent Air	dep ECA93E
D-CWIT	Ce525C	Witron Logistic	2x
M-HERI	G550	Avcon Jet Malta	
N116MA	Lj36A	FSA Aerospace	04
N194ER	Ce510	Blue Sky Aviation	dep
OO-HCY	R44	Heli & Co	04
OO-PRM	Ce510	Air Service Liège	dep
OO-PRM	Ce510	Air Service Liège	04
04.15+01	A319-115X	FBS BMVg	GAF834/24
15+02	A319-115X	FBS BMVg	GAF824/32
D-ICBA	Ce525A	ProAir Aviation	04
F-HEBO	Falcon 900EX	Dassault Falcon Services	
N116MA	Lj36A	FSA Aerospace	05
OE-GBD	IAI1125SPX	Tyrol Air Ambulance	TYW432/3
OO-HCY	R44	Heli & Co	
OO-PRM	Ce510	Air Service Liège	07
PH-GOV	B737-700	Gov'mnt of the Netherlands	KLM9925
PH-KFA	DA42NG	KLM Flight Academy	*KLM7910
05.D-IJOA	Ce525A	Excellent Air	dep ECA8C
F-HANN	PC-12/47	FOBYC	
LX-JFX	PC-12/47E	Jetfly Aviation	JFA76Q/16D
LX-JFX	PC-12/47E	Jetfly Aviation	JFA17E/77R
PH-GOV	B737-700	Gov'mnt of the Netherlands	KLM9926
PH-JRC	ERJ135BJ	JetNetherlands	f/v 07
06.CS-DQB	Ce560XLS	NetJets Europe	NJE7AG
D-GEWF	DA42	We-Fly	07
D-IEMO	Raytheon 390	Exxaero	07
N402AT	ERJ135LR	Aero Technologies	07
OE-FPM	Ce525A	Jet24	
PH-TTR	H135	ANWB - MAA	arr
08.2/F-RAFP	Falcon 900	ET00.060	CMT0011
D-CWIT	Ce525C	Witron Logistic	2x
D-GVCC	DA42	Rent-A-Plane	
D-IHEB	Ce525	Silver Cloud Air	SCR064
G-275	C-130H-30	336sq	*NAF78
LX-EBO	Falcon 8X	Global Jet Luxemb.	09 SVW77EB
OO-ACC	Ce525A	Air Service Liège	09
OO-PRM	Ce510	Air Service Liège	09
PH-DTS	DA42	Wings over Holland	
PH-DWS	ERJ135LR	Air Charters Europe	09 JNL4405/0988
PH-JRC	ERJ135BJ	JetNetherlands	09
PH-YIS	H135	KNSF Flight Services	
09.2/F-RAFP	Falcon 900	ET00.060	CMT0011
D-101	CH-47D	298sq	*Ghost2
D-CWIT	Ce525C	Witron Logistic	10
OO-PRM	Ce510	Air Service Liège	12
PH-ELP	EC135T2	ANWB - MAA	dep
PH-KFB	DA42NG	KLM Flight Academy	*KLM7914
10.D-CWIT	Ce525C	Witron Logistic	
D-IAIB	Ce525	AIB Assets	11
OO-TMV	PA-44-180	Ben - Air Flight Academy	
11.G-LFBD	Ce525A	Centreline	12 CLF407
OO-TMV	PA-44-180	Ben - Air Flight Academy	
12.V-11	G-IV	334sq	13 NAF11
D-AIRG	ERJ135BJ	Air Hamburg	AHO877E
G-CDKA	Saab 2000	Eastern Airways (a/w)	EZE9301/2
I-ZACK	Ce560 Encore+	Elilombarda	EOA001
OO-PRM	Ce510	Air Service Liège	
PH-FVD	R44	Rotarywings	
PH-KFB	DA42NG	KLM Flight Academy	KLM7918
PH-MAA	EC135T2+	ANWB - MAA	Lifeline1
PH-MFA	DA42NG	KLM Flight Academy	KLM7902
PH-MYX	Ce650	JetNetherlands	15
PH-PKF	Falcon 2000LXS	JetNetherlands	dep
13.2-FIFI	Beech 250	Ortac	ORT26B
D-CFLY	Ce560XLS+	Air Hamburg	AHO428D
PH-KFB	DA42NG	KLM Flight Academy	KLM7918
14.CS-CHK	CL-350	NetJets Europe	15 NJE866D/523A
D-IJOA	Ce525A	Excellent Air	23 ECA8M/C
N120RB	SF-50	APG Aviation	f/v
15.D-CWIT	Ce525C	Witron Logistic	
N501VJ	Global 5000	Xojet	XOJ501
OE-FFB	Ce510	GlobeAir	GAC825L/518Y
PH-WIS	Ce525C	KNSF Flight Services	tst
16.D-CDCM	Ce560XLS+	Air Hamburg	AHO442N/445K
D-CWIT	Ce525C	Witron Logistic	
OK-JKT	TBM-700C2	T-Air	
17.V-11	G-IV	334sq	NAF11
F-HEND	Ce510	Astonjet	2x ASJ899
HA-JEO	Ce650	Jet Stream	JSH651
HB-VVA	PC-24	AMAC Corporate Jet	
LY-HCW	BAe125-800XP	Charter Jets	18 LTC501
18.V-11	G-IV	334sq	NAF11
D-IHKW	Ce525	ProAir Aviation	19
D-ITRA	Ce525	Transavia Flug	
G-SMHA	Falcon 7X	Jet Concierge Club	19 JCO7X
OY-APM	G450	Maersk Aviation	
PH-ECD	EC120B	Heli Holland Holding	
UR-EMB	ERJ190STD	Ukraine International	AUI3201/2
19.CS-LTE	Ce680A	NetJets Europe	20 NJE9KW/586K
CS-PHB	EMB505	NetJets Europe	20 NJE9QL/987A
D-AHOX	ERJ135BJ	Air Hamburg	AHO434Z
D-CAWB	Ce680	Aerowest	
D-CCCB	Lj35A	DRF	AMB424/242
D-IHKW	Ce525	ProAir Aviation	
YR-FZA	Fokker 100	Carpatair	KRP3075/6

20. CS-PHG	EMB505	NetJets Europe	NJE969E/751P
D-CEIS	Ce680	E-Aviation	21 EFD6S
OO-OCA	Beech 350i	Air Service Liège	dep
TC-FHG	A320-232	Freebird Airlines	FHY715/6
TC-FHG	A320-232	Freebird Airlines	FHY723/4
TC-NBR	A320-251N	Pegasus Airlines	PGT1641/2
YR-FZA	Fokker 100	Carpatair	KRP3078/9
21. 9H-VJO	Global 6000	VistaJet Malta	22 VJT878
CS-LTB	Ce680A	NetJets Europe	NJE3KX
D-IAIB	Ce525	AIB Assets	
N620CM	Ce510	Relay Securities	
22. D-CWIT	Ce525C	Witron Logistic	2x
G-LEAX	Ce560XLS	Luxaviation UK	LNx52AX
I-TOPD	Beech 400A	Aliserio	
23. 86/F-RAFB	Falcon 7X	ET00.060	CTM0003
9A-JIP	Ce525A	Air Pannonia	
CS-PHK	EMB505	NetJets Europe	NJE837B
OE-FHK	Ce510	GlobeAir	GAC443E/322F
OO-IDE	Ce525	Air Service Liège	dep
OY-APM	G450	Maersk Aviation	
PH-HVB	EC135T2+	ANWB - MAA	Lifeline1
24. CS-CHJ	CL-350	NetJets Europe	25 NJE667B/853W
D-CWIT	Ce525C	Witron Logistic	
D-IJOA	Ce525A	Excellent Air	ECA8C
OO-HCY	R44	Heli & Co	25
OO-MAP	PC-24	European Aircraft Private Club	
PH-ULK	AS355N	HeliAir	
PH-WIS	Ce525C	KNSF Flight Services	dep
PH-WIS	Ce525C	KNSF Flight Services	29
PH-YIS	H135	KNSF Flight Services	
25. D-CWIT	Ce525C	Witron Logistic	
F-HJBR	EMB505	CASAM	
HB-LZI	Ce340A	MansAir	30
OO-ACO	Ce510	Air Service Liège	02
OO-HCY	R44	Heli & Co	
26. D-IOHL	Ce525A	Excellent Air	27 ECA58D/03C
M-OLOT	CL-604	Upalo Trading	
N287RA	Beech B200	Zeusch Aviation	arr
SP-ATT	Beech 400XP	Smart Jet	SAH48P
27. OY-JAC	PA-46-500TP	JAC Flying	
TC-NCE	A320-251N	Pegasus Airlines	PGT1641/2
28. D-CJMK	Ce560XLS+	Air Hamburg	AHO392K
D-IAIB	Ce525	AIB Assets	
29. D-CEFE	Ce525C	E-Aviation	EFD4E
D-CWIT	Ce525C	Witron Logistic	
D-ISUN	Ce525A	Excellent Air	arr ECA5C
EC-JDY	Beech 1900C-1	Serair Transworld Press	30 SEV801
N86RK	DA42NG	WeFly	
OO-XLS	Ce560XLS+	Air Service Liège	
PH-RIS	EC130B4	KNSF Flight Services	
PH-WIS	Ce525C	KNSF Flight Services	
TC-TJJ	B737-8S3	Corendon Airlines	CAI5201/2
30. 9H-SKI	P180	Kemmunett	
G-BKJW	PA-23-250	3 Crown Cottages	03
N116MA	Lj36A	FSA Aerospace	01
SP-AST	Ce525	AMC Aviation	01 AMQ9T
TC-TJT	B737-8HC	Corendon Airlines	CAI5201/2

Eastern Airways operated some off-shore charters this month. The Embraer on the 6th was on its way to Guernsey on delivery. Ukraine International operated an offshore charter from and to Kiev on the 18th. Carpatair operated charters from Constanta, Romania on the 19th and 20th. On the 20th Freebird and Pegasus began operating flights again. The Beech 200 on the 26th is destined for Zeusch Aviation. A rare type in Europe is the Beech 1900C, making the visit of the type on the 29th a special one.

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

Maastricht-Aachen

June 2020			
01. 4L-GEN	B747-236(F)	Geo-Sky (a/w)	GEL904/903
A7-AFJ	A330-243F	Qatar Airways	QTR8241/2
G-JECY	DHC-8-402	NAC Aviation 19	arr
TF-AMM	B747-4H6(F)	Astral Aviation	dep ABD4523
TF-AMR	B747-45E(F)	Air Atlanta Icelandic	dep SVA942
02. PH-DWA	ERJ145LR	Air Charters Europe	dep JNL403
TF-AMR	B747-45E(F)	Air Atlanta Icelandic	SVA941/942
03. G-PRPO	DHC-8-402	NAC Aviation 23	arr
JY-BAG	B787-8	Royal Jordanian	RJA033/034
OO-GLM	Ce680	Air Service Liège	dep
04. OO-CLA	Ce525C	Luxaviation Belgium	AAB757
OO-GLM	Ce680	Air Service Liège	07
05. D-IPCH	Ce525A	Jetcontor	06 JKH32A
TF-AMM	B747-4H6(F)	Astral Aviation	ABD4534/ACP4748
06. A7-BAQ	B777-3DZER	Qatar Airways	QTR8860/1
07. TF-AMU	B747-48EF	Astral Aviation	08 ABD4550/4551
08. A7-AFG	A330-243F	Qatar Airways	QTR8241/2
CS-DOI	Ce525	Taespejo Portugal	TES313/351
CS-DXO	Ce56XLS	NetJets Europe	09 NJE240F/874E
CS-LTD	Ce680A	NetJets Europe	NJE344P/600T
JY-BAH	B787-8	Royal Jordanian	RJA033/034
09. CS-PHC	EMB505	NetJets Europe	NJE067D/400N
OE-EAU	PC-12/47E	PC12 GmbH	
PH-TXA	Ce510	JetNetherlands	11
11. A7-BEG	B777-3DZER	Qatar Airways	QTR8305/6
G-PRPM	DHC-8-402	NAC Aviation 23	arr
JY-BAH	B787-8	Royal Jordanian	RJA033/034
LX-GJC	A318-112X	Global Jet Luxemb.	dep SVW28JC
12. 4L-GEO	B747-236(F)	Geo-Sky (a/w)	GEL902/901
OO-GLM	Ce680	Air Service Liège	15
13. A7-BAL	B777-3DZER	Qatar Airways	QTR8860/1
F-HLRZ	EMB500	SD Aviation	16 LWG1072/51
TF-AMM	B747-4H6(F)	Astral Aviation	14 ABD4538/4539
14. CS-DXN	Ce56XLS	NetJets Europe	15 NJE769K/6SL
15. A7-AFF	A330-243F	Qatar Airways	QTR8241/2
JY-BAF	B787-8	Royal Jordanian	f/v RJA033/034
OO-GLM	Ce680	Air Service Liège	24
16. OO-ACC	Ce525A	Air Service Liège	18
17. 9H-MRV	G500	TAG Aviation Malta	f/v TEU17
CS-PHG	EMB505	NetJets Europe	18 NJE6KY
G-JECM	DHC-8-402	NAC Aviation 19	arr



Initially delivered to Chautauqua Airlines in March 2003 this ERJ135LR was acquired by Aero Technologies in January 2020 as N402AT. The aircraft was transferred to the Guernsey register as 2-AERO with Aero Technologies still listed as owner on 18 June 2020. (Rotterdam-The Hague, 7 June 2020, Mark Sluifers)



TF-AMR is a former EVA Air Boeing 747. It was acquired by Air Atlanta Icelandic in May 2019 and was being operated in Magma Aviation colours. In April 2020 the aircraft was repainted in Ireland in these 'colours'. (Maastricht-Aachen, 1 June 2020, Arjen Sleenwenhoek)

HA-LWL	DHC-8-402	NAC Aviation 23	div WZZ985/144	08.N900FH	TBM-900	HTG Trading	tst
18.JY-BAH	B787-8	Royal Jordanian	RJA033/034	09.D-CDRF	Lj35A	DRF	AMB230
PH-DWS	ERJ135LR	Air Charters Europe	arr JNL832	OO-PRM	Ce510	Air Service Liège	
19.4L-GEO	B747-236(F)	Geo-Sky (a/w)	GEL902/901	12.D-BTLT	CL-300	MHS Aviation	MHV30T
G-JECO	DHC-8-402	NAC Aviation 19	arr	OO-PRM	Ce510	Air Service Liège	
G-PRPN	DHC-8-402	NAC Aviation 23	arr	PH-CYP	PC-12/47E	SMT Shipping	
PH-CDH	B737-86J	Corendon Dutch Airl.	dep CND9291	13.N29DE	Cirrus SF50	Deny Airlines	
20.TF-AMU	B747-48EF	Astral Aviation	ABD4542/4543	14.N120RB	Cirrus SF50	APG Aviation	dep
21.YR-ASA	A318-111	TAROM	ROT7301/7302	N120RB	Cirrus SF50	APG Aviation	15
22.JY-BAH	B787-8	Royal Jordanian	RJA033/034	15.N12EB	Cirrus SF50		17
OO-ACC	Ce525A	Air Service Liège	26	16.CS-LTK	Ce680A	NetJets Europe	NJE892N/875T
23.A7-BEH	B777-3DZER	Qatar Airways	QTR8858/9	OE-FOE	Ce510	GlobeAir	GAC150B/049C
24.9H-FAM	EMB500	Luxwing	26 LWG301/391	17.OK-RLV	G280	Avcon Jet	
OO-GLM	Ce680	Air Service Liège	26	18.2-ZEUZ	Beech C90A	Zeusch Aviation	*
25.HB-VPE	Ce525A	Nomad Aviation		D-CKJE	EMB505	Air Hamburg	19
JY-BAH	B787-8	Royal Jordanian	RJA033/034	19.D-FEPG	PC-12/47E	Rhein-Mosul-Flug	
SE-MDB	ATR72-212A	Air Alsie (a/w)	09	HB-SDM	DA42	Twin Star Aviation	
VQ-BSG	A320-214	Rossiya	dep AFL7687	21.OK-AML	Ce510	Aeropartner	20
26.HB-VPE	Ce525A	Nomad Aviation		23.OO-ROB	RC690B	A.B.K.	DFC44T
27.9H-FOM	EMB500	Luxwing	LWG591/502	24.D-CPSH	Ce560XLS+	Heron Aviation	HRN221
A7-BAQ	B777-3DZER	Qatar Airways	QTR8860/1	26.D-GEWF	DA42	We-Fly	
28.JY-BAG	B787-8	Royal Jordanian	RJA033/034	PH-BXU	B737-8BK	KLM	KLM9851
N194ER	Ce510	Blue Sky Aviation	dep	29.N-110	NH90-NFH	860sq	*Guardian28
OO-CCJ	Ce525	Air Service Liège		D-CPSH	Ce560XLS+	Heron Aviation	01 HRN221
OO-GLM	Ce680	Air Service Liège	dep	30.N-110	NH90-NFH	860sq	*Guardian27
OO-GLM	Ce680	Air Service Liège	01	D-IJOA	Ce525A	Excellent Air	
29.JY-BAF	B787-8	Royal Jordanian	RJA033/034				
30.F-HCPB	Ce525	Bleu Azur					
N194ER	Ce510	Blue Sky Aviation	arr				
PH-CDE	B737-8KN	Corendon Dutch Airl.	CND772/771				
PH-CDF	B737-804	Corendon Dutch Airl.	dep CND929P				

On the 1st, 3rd, 11th, 17th and 19th former FlyBe aircraft arrived for storage. Royal Jordanian operated cargo flights with Dreamliners this month. The baby-bus on the 11th departed the local paint shop after a repaint. The Wizzair on the 17th was an Eindhoven diversion. The Corendon on the 19th departed to Amsterdam after COVID 19 storage. On the 25h an Aeroflot Airbus departed in Rossiya colours and an ATR arrived all white for painting. That aircraft is scheduled to be operated by Air Alsie for Lübeck Air. On the 30th another Corendon aircraft was ferried back to Amsterdam after COVID 19 storage while a company aircraft operated its first service after the lock down.

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

Groningen-Eelde

June 2020		
01.LN-BAA	Beech B200	Airwing
02.9A-JIM	Ce525	Air Pannonia
N4363U	PA-32R-301T	arr
03.2-ZEUZ	Beech C90A	Zeusch Aviation
06.PH-WTG	EC135P2+	HeliCentre

The Piper on the 2nd developed a technical issue and could not depart. Its actual departure date is not known to us. The departing Cirrus on the 14th is former N52AG. The aircraft made a short hop to Germany before it continued to Rotterdam apparently for custom services. It then returned to Eelde before departing the next day to the UK. The KLM Boeing on the 26th performed an approach before making a full stop.

Credit: GEAS, FlyGRQ.

Deventer-Teuge

June 2020		
02.PH-ANK	R44	H. Vink
PH-KIO	P2006T	Kavel 10
03.G-WKTG	DA42NG	DEA Aviation
PH-PXF	EC135P2+	Nationale Politie
PH-WIK	AS350B3	HeliAir
04.PH-OOP	H145	RAV Fryslân – MAA
05.PH-JAS	Ce208	Paracentrum Texel
06.D-FIBE	PC-6/B2-H4	KIAS Airlines
PH-FVD	R44	Rotarywings
08.D-HMIM	H269C	Rotor & Wings
PH-PHA	Enstrom 480	Prince Helicopters
09.N2648X	Ce501	T.S. Aviation
OE-FDI	SC-7	Pink Aviations Services
10.PH-HGB	R44	HeliAir
12.D-FLIZ	Ce208	Skydive Center Spa

OE-FME	RC690A	Meixner Vermessung	13	09.CH01	C-130H	20sq	BAF670
14.PH-FVD	R44	Rotarywings	17	03	C-17A	HAW	10 Bartok54
15.PH-DTS	DA42	Wings over Holland		G-275	C-130H-30	336sq	arr NAF76
PH-FSD	Ce208	Fallschirmsport Damme	19	T-235	KDC-10	334sq	arr NAF41
16.PH-SWN	Ce414A	PARC Air	dep	PH-ANO	Ce560XLS	JetNetherlands	
17.G-BTKL	Bo105DB4	Airphot	arr	PH-HWM	CL-605	ASL	26
PH-KIO	P2006T	Kavel 10	19	PH-JRC	ERJ135BJ	JetNetherlands	13
PH-SLE	Beech B200	Slagboom & Peeters	dep	PH-MYX	Ce650	JetNetherlands	dep
18.D-FIBE	PC-6/B2-H4	KIAS Airlines	arr	10.OO-PKX	Ce750	Air Service Liège	16
20.PH-AVW	R44	A. F. C. van Westerop		11.FB17	F-16BM	10w/OCU	*BAF421
21.PH-RYF	H269C	Heli Holland Holding	arr	D-CBEN	Ce560XLS+	Adolf Würth	12
22.PH-ANK	R44	H. Vink		12.03	C-17A	HAW	13 Bartok54
PH-PHA	Enstrom 480	Prince Helicopters		CS-DXQ	Ce560XLS	NetJets Europe	13 NJE012Q/197E
24.PH-FVD	R44	Rotarywings		OO-JWB	PC-12/47E	NextGen Aviation	17
25.OH-JRD	PC-12/47E	Fly 7 Executive Aviation		13.CE01	ERJ135LR	21sq	BAF610
PH-ECD	EC120B	Heli Holland Holding		F-GZTO	B737-73S	ASL Airlines France	
26.OK-KLM	PA-46R-350T		28	14.D-AIRZ	ERJ135BJ	Air Hamburg	15 AHO824F
PH-MAS	P68C-TC	Miramap Aerial Surveys		OO-SKS	Ce560XLS	Luxaviation Belgium	AAB835
28.PH-TWN	P2006T	Zelf Vliegen		15.D-102	CH-47D	298sq	*Viking1, GLV-V
29.OE-FDK	SC-7	Pink Aviations Services	arr	D-666	CH-47D	298sq (spec mks)	*Viking1, GLV-V
PH-RLA	Saab 91D	Stichting Levende Oude Luchtvaart		CS-TRJ	A321-231	21sq	BAF633
				D-CGRC	Lj35A	Jet Executive Int'l	JEI313
				D-ICEE	Ce525	Spree Flug Luftfahrt	
				HB-VTS	Raytheon 390	Lions Air Skymedia	
				PH-JRC	ERJ135BJ	JetNetherlands	arr
				PH-MYX	Ce650	JetNetherlands	
				16.FB24	F-16BM	10w/OCU (spec mks)	*BAF451
				D-AEAK	A300B4-622RF	EAT Leipzig (DHL c/s)	BCS6026/883P
				F-HAGH	Ce525	ETI Group	
				G-CEGP	Beech 200	Alto Aerospace	18
				OO-ACO	Ce510	Air Service Liège	17
				17.CS-TRJ	A321-231	21sq	BAF631
				OO-ACO	Ce510	Air Service Liège	18
				18.J-009	F-16AM	312/313sq (322sq mks)	*Metal02
				J-015	F-16AM	312/313sq	*Metal01
				OE-FCO	Ce510	GlobeAir GAC905L/894L,GAC894M	
				OE-FOG	Ce510	GlobeAir	19 GAC326C/613M
				OO-ACO	Ce510	Air Service Liège	24
				PH-BEJ	Global 5000	Flying Group	FYG11BM/12BM
				PH-BEJ	Global 5000	Flying Group	23 FYG13BM/ -
				19.LX-ONE	Lj45	Luxemb. Air Ambulance	LRQ321A
				20.10+23	A310-304	FBS BMVg	GAF820
				21.D-ATOP	ERJ135BJ	Air Hamburg	22 AHO824F/633B
				OE-FWF	Ce510	GlobeAir	22 GAC613N/566A
				OO-PKX	Ce750	Air Service Liège	24
				OY-CLP	Ce650	North Flying	NFA067P/067
				22.FB24	F-16BM	10w/OCU (spec mks)	*BAF524
				54+22	A400M	LTG62	2x GAF013
				CS-TRJ	A321-231	21sq	BAF630
				LX-JFX	PC-12/47E	Jetfly Aviation	JFA91W/88T
				23.ST46	SF260D	CC Air	BAF195
				J-065	F-16BM	322sq	*Blade01
				N-227	NH90-NFH	860sq	*Neptune03
				CS-TRJ	A321-231	21sq	BAF634
				OO-CCJ	Ce525	Air Service Liège	28

Credit: Teuge Airport, Teuge Airport Group (Facebook).

Eindhoven

				June 2020			
01.9H-FAM	EMB500	Luxwing	dep	LWG391			
D-IDAZ	Ce525	Donau Air Service					
PH-HWM	CL-605	ASL		05			
02.CC-2	C295M	TukiLLv		FNF189			
L-10	PC-7	131EMVOsq		*3x Diamond18			
L-12	PC-7	131EMVOsq		*2x Diamond19			
CS-LAS	Ce680A	NetJets Europe		NJE628U/553N			
CS-PHK	EMB505	NetJets Europe		03 NJE298K/264W			
CS-TRJ	A321-231	21sq		BAF630			
G-LEAX	Ce560XLS	Luxaviation UK		LNx30AX			
03.9H-FOM	EMB500	Luxwing		LWG592/503			
CS-TRJ	A321-231	21sq		BAF633			
OO-JWB	PC-12/47E	NextGen Aviation					
OO-PKX	Ce750	Air Service Liège		dep			
OO-PKX	Ce750	Air Service Liège		10			
04.L-12	PC-7	131EMVOsq		*Diamond08			
CS-TRJ	A321-231	Belgian Air Force		BAF631			
G-FFFC	Ce510	Synergy Aviation		SYG922			
OO-JWB	PC-12/47E	NextGen Aviation		06			
05.N344RS	G550	Lockheed Martin Corp.					
PH-JRC	ERJ135BJ	JetNetherlands		dep			
PH-PXB	EC135P2+	Nationale Politie		ZXP02			
06.04-3142/RS	C-130J-30	37th AS		Herky94			
15-5831/RS	C-130J-30	37th AS		Herky93			
OO-JWB	PC-12/47E	NextGen Aviation		12			
07.10+23	A310-304	FBS BMVg		GAF820			
CS-DQB	Ce560XLS	NetJets Europe		08 NJE440E/911E			
OE-FRM	Ce510	GlobeAir		GAC437A/326B			
08.OO-ACC	Ce525A	Air Service Liège					
PH-CGN	Do228-212	Kustwacht		arr Coastgard3			



Former OO-GOA was ferried to Wiener Neustadt in Austria on 12 March 2020. Three months later the RC690A performed its first local flight as OE-FME. The aircraft is registered to Meixner Vermessung ZT, an Austrian land surveying and photogrammetry company. (Deventer-Teuge, 13 June 2020, BJ van de Maat)



Almost four weeks after the delivery of PH-LLN, H135 PH-UMC arrived on delivery to Medical Air Assistance, a division of the ANWB (The Royal Dutch Touring Club). (Lelystad, 25 June 2020, Berend Jan Floor)

OO-MMT	Ce560XLS	Air Service Liège		OE-FDI	SC-7	Pink Aviation	tdy 03
24.M1	SA316B	40sq	BAF711	PH-CGC	Do228-212	Kustwacht	NCG03
D-CSEB	Ce560XLS+	Adolf Würth	25	Eindhoven started June 2020 with the visit of the sole Belgian Air Force A321 arriving from Aalborg, leaving for Brussels. The Finnish Casa 295 arrived from Tampere and returned to the same base. On 6 June two USAFE C-130J-30 Super Hercules transporters arrived from Ramstein prior to a formation flight over Normandy. The German A310 on 7 June brought a German-Dutch party to Sevilla for their acceptance of the first KC-30M/A330MRTT of the MMF-group. The Dutch Coastguard Dornier on the 8th received damage after it burst a tire during training flights at Eindhoven. The aircraft ended beside of the runway with damage to the left wing. This caused various airplanes to divert, C-130H-30 G-275 went to Gilze-Rijen, HAW C-17A 03 went towards Schiphol and KDC-10 T-235 arrived from Nimes and ended in Brussels. The Belgian ERJ135LR on 13 June was also flying a group from Sevilla in Spain as the delivery date of the first MMF KC-30M/A330MRTT is nearing. On 24 June an almost unique visit of a Belgian Air Force Alouette 3, refuelling at Eindhoven while heading east to bring technical support to a stranded NH90-NFH in Germany. On 26 and 29 June various 3rd CAB Apaches, Chinook and Blackhawks arrived from Germany, prior to heading out to the Port of Rotterdam to embark their journey home to the States. Smartwings operated a military charter on the 28th. The aircraft was still in Travel Service colours. On the final day of June the first A330 tanker arrived, showing a nice era-picture moment as the KDC-10 was parked aside showing T-055 and T-235, the present and future of our aerial refuelling.			
OO-ACO	Ce510	Air Service Liège	25	Additional note: The <u>underlined</u> movements above are gathered with help of ADS-B/scanner data.			
OO-MMT	Ce560XLS	Air Service Liège		<u>Credits:</u> EWAS, Oscar Sannen, Scramble MB.			
PH-CJM	Ce680	Air Service Liège	25	<u>Gilze-Rijen</u>			
25.OE-FDK	SC-7	Pink Aviation	tdy 29	02.OE-FDI	SC-7	Pink Aviation	June 2020
PH-BEJ	Global 5000	Flying Group	arr FYG32BM	04.PH-LLN	H135	ANWB – MAA	12
26.FB17	F-16BM	10w/OCU	2x *BAF431	08.G-275	C-130H-30	336sq	f/v
05-07010	AH-64D	B/3-17th CAV	arr R08146	G-275	C-130H-30	336sq	NAF78
07-05518	AH-64D	B/3-17th CAV	arr R08146	10.G-275	C-130H-30	336sq	09 NAF78/76
13-08146	CH-47F	B/2-3rd AVN	arr R08146	L-13	PC-7	131EMVOsq	*
11-20397	UH-60M	4-3rd AVN	arr R08146	L-10	PC-7	131EMVOsq	*
N650VC	G650ER	Lockheed Martin Corp.		11.G-275	C-130H-30	336sq	NAF76
OO-MMT	Ce560XLS	Air Service Liège		L-10	PC-7	131EMVOsq	*Diamond04
PH-TXA	Ce510	JetNetherlands	27 2x	L-12	PC-7	131EMVOsq	*Diamond11
27.OO-JDL	B787-8	TUI Belgium	JAF960F/9660				
28.D-CEFE	Ce525C	E-Aviation	EFD4E				
OK-TSE	B737-81D	Smartwings	29 TVS432P/4326				
OO-CCJ	Ce525	Air Service Liège	29				
OO-PKX	Ce750	Air Service Liège	arr				
PH-CJM	Ce680	Air Service Liège	29				
PH-TXA	Ce510	JetNetherlands	29				
29.D-102	CH-47D	298sq	*Titan3, GLV-V				
J-197	F-16AM	312/313sq	*Metal01				
L-13	PC-7	131EMVOsq	*Diamond07				
04-05426	AH-64D	B/3-17th CAV	arr R85548				
04-05439	AH-64D	B/3-17th CAV	arr R85548				
07-05535	AH-64D	B/3-17th CAV	arr R85548				
08-05548	AH-64D	B/3-17th CAV	arr R85548				
94-26587	UH-60L	A/2-3rd AVN	arr				
95-26596	UH-60L	A/2-3rd AVN	arr				
99-26830	UH-60L	A/2-3rd AVN	arr				
08-20172	HH-60M	C/2-3rd AVN	arr				
11-20351	HH-60M	C/2-3rd AVN	arr R85548				
13-20616	HH-60M	C/2-3rd AVN	arr				
11-20361	UH-60M	4-3rd AVN	arr R20361				
11-20370	UH-60M	4-3rd AVN	arr R20361				
11-20392	UH-60M	4-3rd AVN	arr R20361				
11-20422	UH-60M	4-3rd AVN	arr R20361				
9H-ALL	Ce525A	Luxwing	30 LWG191/101				
OO-CCJ	Ce525	Air Service Liège	30				
PH-CJM	Ce680	Air Service Liège	30				
PH-HWM	CL-605	ASL	30				
30.03	C-17A	HAW	Bartok55				
L-10	PC-7	131EMVOsq	*Diamond16				
T-055	A330MRTT	MMF	f/v del MMF61				
30.2-CLRK	Eclipse 500	Aeris Aviation					
D-ICBA	Ce525A	ProAir Aviation	01				

15. OE-FDK	SC-7	Pink Aviation	25
19. J-646	F-16AM	312/313sq	*Epic01
22. L-11	PC-7	131EMVOsq	*Diamond15
23. L-05	PC-7	131EMVOsq	*Diamond18
L-08	PC-7	131EMVOsq	*Diamond12
N-227	NH90-NFH	860sq	Neptune03
PH-LNN	H135	ANWB - MAA	
25. <u>J-201</u>	F-16AM	322sq	*Dawg01
26. G-988	C-130H	336sq	*Rogue11
L-07	PC-7	131EMVOsq	*Diamond09
30. CH09	C-130H	20sq	*BAF650
L-13	PC-7	131EMVOsq	*Diamond18
N-317	NH90-NFH	860sq	arr
T-055	A330MRTT	MMF	*MMF61

Gilze-Rijen started June 2020 with a temporary deployment of one of two Pink Aviation Short Skyvans. These have been chartered by the Ministry of Defence to train with Army specialists in tactical warfare environments and small airstrip operations. On 4 June one of the new H135 Lifeline helicopters paid its first visit for refuel. Regular traffic for most of the remaining month with a surprise flightpast of the new A330MRTT on 30 June while it was heading inbound Eindhoven.

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 2020
03. G-275	C-130H-30	336sq	*NAF78
17. Q-09	AH-64DN	301sq	
Q-21	AH-64DN	301sq	
25. J-006	F-16AM	312/313sq	*Tiger01
J-197	F-16AM	312/313sq	*Metal01
J-201	F-16AM	322sq (td 322sq mks)	*Dawg01
26. L-08	PC-7	131EMVOsq	*Diamond17
N-319	NH90-NFH	860sq	arr ex F804

An unfortunate German Piper 28 encountered problems, forcing it to make an successful emergency landing at Den Helder. On 26 June NH90 N-319 returned from its 5 month deployment in the Persian Gulf/ Gulf of Oman. Embedded in the European Mission Awareness Strait of Hormuz (EMAHOZ), led by France, frigate HNLMS De Ruyter (F804) assisted in keeping an eye out for maintaining maritime stability in the area.

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 2020
03. N-227	NH90-NFH	860sq	*Trident10
04. J-879	F-16AM	322sq	arr Cobra01
05. G-275	C-130H-30	336sq	*NAF79
11. D-102	CH-47D	298sq	Grizzly83
22. N-227	NH90-NFH	860sq	*Neptune03
23. FB20	F-16BM	10w/OCU	*BAF451
D-102	CH-47D	298sq	Ghost6
24. D-106	CH-47D	298sq	Shadow5
Q-21	AH-64DN	301sq	Redskin44
25. Q-09	AH-64DN	301sq	Redskin44
29. FA119	F-16AM	10w	*BAF422
FA123	F-16AM	10w	*BAF421
N-110	NH90-NFH	860sq	*Guardian28
30. N-110	NH90-NFH	860sq	*Guardian27

On 4 June 2020 J-879 returned from its maintenance visit at SABCA in Belgium. Various helicopter movements in the third week of June are related to fuel stops during training missions at the nearby Marnewaard area.

Credits: Movements AGL, Oscar Sannen, Dirk Visser and Scramble MB.

Lelystad

			June 2020
01. CS-LTD	Ce680A	NetJets Europe	NJE946Y/438R
LX-FPF	Ce525B	Flying Group Luxemb.	
OO-STE	AS350B3e	Stephex Stables	
04. T7-PET	EMB500	P100 Avia	05 f/v
05. OH-JRJ	PC-12/47E	Hendell Aviation	07
11. PH-CPI	EMB500	NextGen Aviation	13 f/v
13. N790TB	TBM-700B	Air Beaugency	2x
15. PH-PWW	DA62	P.O.R.T. Aviation	
22. PH-MAS	P68C-TC	Miramap Aerial Surveys	24 tdy
23. N125DE	Eclipse 500	Blueprint Automation	08
25. PH-UMC	H135	ANWB - MAA	del 29
26. G-PCIZ	PC-12/47E	Limbourne	2x
27. PH-UNC	Falcon 7X	JetNetherlands	dep
28. F-AYLD	Saab 91D	Guus Kieft	arr
VP-CLP	Global XRS	Aerojet	arr
29. N142TW	Beech 58	Optimus Fuga Pactum	01

The TBM on the 13th was the crew ferry for the Embraer listed on the 11th. Another H135 for the ANWB Medical Air Assistance was delivered on the 25th. The Falcon 7X departing on the 27th had arrived at the airport on 28 March 2020 as VQ-BNT. The Saab on the 28th returned to the Netherlands after being based in France for some years. It is assumed it will take up its previous registration PH-RLD. The arriving Global on that same day is a customer for the local paint shop.

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



Hong Kong Airlines took delivery of this former Emirates Airbus A330 as B-LHB in June 2018. Since early 2019 the airline has been facing severe financial difficulties resulting in reducing its capacity. B-LHB was ferried to Woensdrecht reportedly for storage and Jordy Belde was able to take this photo on 5 June 2020.



VP-BFL was built under license in Brazil in 1998 by Helibras, a subsidiary of Aérospatiale. The HB350B2 Esquilo used to be based on yacht 'Karima' but it is currently awaiting the delivery of replacement yacht 'Anawa'. Both the helicopter and yacht 'Anawa' are owned by Jorge Paulo Lemann. (Texel, 20 June 2020, Mike de Bruijn)

Volkel

June 2020			
04.L-11	PC-7	131EMVOsq	*Diamond20
L-12	PC-7	131EMVOsq	*Diamond08
08.L-03	PC-7	131EMVOsq	*Diamond19
09.J-021	F-16AM	312sq	dep King03
10-0219	C-17A	62nd AW	RCH477
12.G-275	C-130H-30	336sq	*Renegade01
29.D-664	CH-47D	298sq	*Titan5
F-009	F-35A	322sq	Jedi1/Bolt1
30.CH09	C-130H	20sq	BAF650
F-009	F-35A	322sq	Pain1/Bolt1

The F-16AM on 9 June departed southbound for some TLC at SABCA Charleroi facility. The two visits of the F-35A where related to familiarization of the local firebrigade to emergency procedures and emergency handling.

Credits: SGVolkel Message Board, Scramble MB.

Woensdrecht

June 2020			
03.PH-HSG	B737-8K2	Transavia	dep TRA058
04.D-662	CH-47D	298sq	arr Grizzly91
Q-19	AH-64DN	301sq	tst Redskin06
05.B-LHB	A330-243	Hong Kong Airlines	arr CRK8006
OE-LZE	A320-214	Austrian Airlines	dep
10.Q-19	AH-64DN	301sq	dep Redskin23
PH-HXL	B737-800	Transavia	dep TRA058
VP-CXY	A320-214	LaudaMotion	tst
12.G-275	C-130H-30	336sq	*Renegade01
PH-PXD	EC135P2+	Nationale Politie	ZXP04
17.Q-29	AH-64DN	301sq	arr Redskin06
18.D-101	CH-47D	298sq	*Titan1
23.J-065	F-16BM	322sq	*Blade
S-440	AS532U2	300sq	*Wildcat01
25.J-201	F-16AM	322sq	arr Dawg01
26.D-ANE0	A319-153NX	K5 Aviation	tst + dep KAY57
29.S-456	AS532U2	300sq	*Wildcat02
D-ANE0	A319-153NX	K5 Aviation	arr KAY57
30.Q-30	AH-64DN	301sq	arr Redskin07

Woensdrecht traffic from June 2020 show two highlights; first is a Hong Kong Airlines A330 arriving on 5 June for storage. The second is a new ACJ-319neo from German company K5 Aviation, still in its cabin outfitting prior to full entry into service.

Credits: Johan Havelaar, Scramble MB.

Texel

May 2020			
03.PH-CGC	Do228-212	Kustwacht	NCG01
PH-COM	PA-30	Dutch Airline Pilots Aero Club	
PH-DTS	DA42	Wings over Holland	
PH-RLA	Saab 91D	Stichting Levende Oude Luchtvaart	
05.N939PA	PA-46R-350T	Doek	
06.PH-TSN	DA42	Twin Star Netherlands	
09.HB-ZQQ	A109S	Karen	10
10.PH-CGC	Do228-212	Kustwacht	NCG01
12.OY-HJG	EC135T2+	Uni-Fly	UNC35
PH-PXX	AW139	Nationale Politie	ZXP24
13.PH-DKI	P68C	Zeeland Air	
14.OE-XXL	R44	Heli & Co	
15.PH-JAS	Ce208	Paracentrum Texel	dep
PH-MBO	DA62	M. Boers	
16.N417RK	PA-46-350P	Marco van der Horst	
17.N13FY	AT-6A	Hanno Wesdorp	
PH-CGN	Do228-212	Kustwacht	NCG01
PH-COM	PA-30	Dutch Airline Pilots Aero Club	
PH-DKI	P68C	Zeeland Air	19
PH-FVD	R44	Rotarywings	
18.G-275	C-130H-30	336sq	*Rogue11
PH-PWW	DA62	P.O.R.T. Aviation	
19.PH-ANK	R44	H. Vink	
PH-BSU	Ce208B	Paracentrum Texel	dep
20.PH-COM	PA-30	Dutch Airline Pilots Aero Club	
21.PH-CGN	Do228-212	Kustwacht	NCG01
PH-PWW	DA62	P.O.R.T. Aviation	
PH-TWN	P2006T	Zelf Vliegen	31
25.PH-FVD	R44	Rotarywings	
26.G-988	C-130H	336sq	*NAF78
N-228	NH90-NFH	860sq	*Trident02
27.PH-HCF	Cabri G2	HeliCentre	
PH-MBO	DA62	M. Boers	
PH-RLB	Saab 91D	Vliegend Museum Seppe	
28.N504DT	PA-46-350P	Erdtracht	30
PH-FVD	R44	Rotarywings	
PH-RLA	Saab 91D	Stichting Levende Oude Luchtvaart	
29.PH-FVD	R44	Rotarywings	
PH-JBR	Ce208B	Paracentrum Texel	arr
30.N417RK	PA-46-350P	Marco van der Horst	
PH-COM	PA-30	Dutch Airline Pilots Aero Club	31
PH-PWW	DA62	P.O.R.T. Aviation	
31.PH-CGC	Do228-212	Kustwacht	NCG01
PH-DTS	DA42	Wings over Holland	

The Uni-Fly helicopter on the 12th went from Humberside to Odense.

June 2020			
01. G-APLO	DHC-1	P. M. Luijken	
PH-PWW	DA62	P.O.R.T. Aviation	
02. N-227	NH90-NFH	860sq	*Trident10
PH-RLB	Saab 91D	Stichting Levende Oude Luchtvaart	
03. PH-ANK	R44	H. Vink	4
07. PH-DTS	DA42	Wings over Holland	
10. PH-TSN	DA42	Twin Star Netherlands	
13. PH-KFB	DA42NG	KLM Flight Academy	KLM7918
14. Q-09	AH-64D	301sq	*
Q-21	AH-64D	301sq	*
17. OE-XXL	R44	Heli & Co	
18. OY-HML	AW139	Bel Air Aviation	*BBX36
19. G-APLO	DHC-1	P. M. Luijken	20
N13FY	AT-6A	Hanno Wesdorp	
N417RK	PA-46-350P	Marco van der Horst	
PH-CGC	Do228-212	Kustwacht	NCG01
20. HB-SDM	DA42	Twin Star Aviation	
VP-BFL	HB350B2	Jorge Paulo Lemann	*
21. 2-ZEUZ	Beech C90A	Zeusch aviation	
22. PH-FVD	R44	Rotarywings	
PH-RLA	Saab 91D	Stichting Levende Oude Luchtvaart	
23. OO-ARI	EC130T2	Arie Stelloo	
24. PH-DKI	P68C	Zeeland Air	
PH-PWW	DA62	P.O.R.T. Aviation	
25. PH-DWW	R44	Wikselaar Satellite Trading	
PH-ECD	EC120B	Heli Holland Holding	
26. L-06	PC-7	131EMVOsq	Diamond11
L-08	PC-7	131EMVOsq	Diamond17
L-10	PC-7	131EMVOsq	Diamond20
L-13	PC-7	131EMVOsq	Diamond04
9H-WIT	PC-12/47E	NextGen Aviation (Malta)	
28. 9H-WIT	PC-12/47E	NextGen Aviation (Malta)	
N195JR	Beech 95	Buddy Management	
PH-PXB	EC135P2+	Nationale Politie	ZXP02
30. N-110	NH90-NFH	860sq	*Gardian27
2-ZEUZ	Beech C90A	Zeusch aviation	
OE-XXL	R44	Heli & Co	
PH-HHB	H269D	Heli Holland Holding	

Although owned by Jorge Paulo Lemann the helicopter on the 20th performed a flyby with a HeliCentre pilot on the sticks.

Credit: Texel Airport, Berend Jan Floor.

Twente

June 2020			
02. CS-LTC	Ce680A	NetJets Europe	f/v NJE225W/600R
03. D-GEDU	PA-34-220T		06
06. D-ABTL	B747-430	Lufthansa	arr DLH9888
D-ABVO	B747-430	Lufthansa	arr DLH9923
08. D-IEFD	Ce525 (M2)	E-Aviation	2x EFD2F
09. CS-PHC	EMB505	NetJets Europe	NJE270C/067D
10. D-FABT	TBM-900	ABT Aviation	f/v
11. CS-CHD	CL-350	NetJets Europe	f/v NJE866K/126K
17. S-440	AS523U2	300sq	*DEMON01

CS-PHB	EMB505	NetJets Europe	NJE797U/301D
PH-IWS	Falcon 7X	Exxaero	arr f/v XRO143
18. CS-PHK	EMB505	NetJets Europe	NJE271M/692T
20. CS-CHK	CL-350	NetJets Europe/f/v	21 NJE011Y/376Q
D-CUGF	Ce525B	Atlas Air Service	f/v ATL4U
PH-PXF	EC135P2+	Nationale Politie	ZXP06
24. CS-DQB	Ce560XLS	NetJets Europe	NJE112K/873R
25. D-CSKY	Beech 350	FAI Rent-a-jet	26 f/v IFA625
26. CS-PHA	EMB505	NetJets Europe	NJE575G/569H
PH-GWS	Falcon 7X	Exxaero	04 XRO226/259
27. D-CUGF	Ce525B	Atlas Air Service	29 ATL4U
28. D-IFHD	Ce525 (M2)	E-Aviation	29 EFD2D
29. D-ABTK	B747-430	Lufthansa	arr DLH9922
PH-PXF	EC135P2+	Nationale Politie	ZXP06
N32CK	PA-46-500TP		f/v 30
30. CS-PHJ	EMB505	NetJets Europe	NJE811G/205H
D-IEFD	Ce525 (M2)	E-Aviation	01 EFD2F
OE-FOE	Ce510	GlobeAir	f/v 01 GAC049D/773Z

The biggest news for Twente was the arrival of several Lufthansa Boeing 747s for storage. The Piper on the 3rd departed with the Lufthansa pilots that arrived on the 6th.

Credit: EHTW spotters.

Flamingo (Bonaire, Dutch Caribbean)

June 2020			
01. HK-5255	Lj45	SARPA	30
N31ZV	Lj31A	Ezair International	05
N5324J	Ce340A		30
05. N389KA	Lj35A	Fundashon Mariadal	30
06. HK-4411	BAe3201	SARPA	
09. HK-4411	BAe3201	SARPA	10
10. HK-5139	B737-476(F)	AerCaribe	
13. N31ZV	Lj31A	Ezair International	30
16. N411BJ	PA-31-350	FAST Delivery Services	
N2333K	CeU206G		20
18. PH-FBH	AW139	DCCG	
20. HK-4411	BAe3201	SARPA	
21. N411BJ	PA-31-350	FAST Delivery Services	
24. HK-5197	B737-476(F)	AerCaribe	
25. N411BJ	PA-31-350	FAST Delivery Services	

Left out were KLM, Divi Divi Air (BN-2, DHC-6) and EZ Air (BN-2 and Beech 1900) unless operating on a non-scheduled flight.

An island Corona-free, but almost in total isolation. No US and Canadian tourists and none from Europe, just some single KLM repatriation flights (not mentioned), due to the closed borders. Per July 1st, the island opened up to max 1000 visitors per week from a few European countries, so next overview will look a bit more normal, but only a bit. Learjet HK-5255 and Learjet N31ZV operated ambulance flights almost every day this month.

Credit: Danny de Kiewit.



It is no secret that Lufthansa is in the process of flying some of its Boeing 747 aircraft to Twente for storage. With most airlines ending Boeing 747 operations it remains to be seen if those Lufthansa aircraft will ever operate passenger flights again. D-ABTL was one of three Lufthansa aircraft being ferried to Twente this month. (Twente, 6 June 2020, Robbert Snijders)

Movements Belgium



Manufactured as Falcon 2000EX-EASy this bizjet was delivered to Hampshire Aviation in November 2007 registered as M-CHEM. In April 2011 the jet was converted to Falcon 2000LX. It was re-registered to M-OHEM in May 2020. (Antwerp, 19 June 2020, Walter Van Brempt)

Antwerp

			June 2020				
				PH-CJM	Ce680	ASL	17
				17.M-ARTY	PC-12/47E	Creston (UK)	
				PH-DWA	ERJ145LR	Air Charters Europe	20
				18.9H-JDV	Ce525 (M2)	Flying Group	
				D-IHKW	Ce525	Eisele Flugdienst	
				OK-JRT	Ce680+	Smartwings	20
				PH-KFB	DA42NG	KFA	
				19.ST16	SF260M+	CC Air	
				ST22	SF260M+	CC Air	
				ST46	SF260D	CC Air	
				CS-LTN	Ce680A	NetJets Europe	
				CS-PHC	EMB505	NetJets Europe	
				D-ATOP	ERJ135BJ	Air Hamburg	f/v
				D-CAWR	Ce560	Aerowest	
				D-CHRT	EMB505	A. Schodl	
				M-OHEM	Falcon 2000EX	Hampshire Aviation	f/v
				OO-KTN	A109S	Katoennatie	02
				OO-VDM	R44	Best in Sky	
				OO-VPD	PA-34-220T	VT Aviation	
				PH-KFB	DA42NG	KFA	
				PH-TCS	PA-32R-301T	M. Morrien	
				20.D-CAPB	Ce560	Aerowest	
				N63DR	Kodiak 100	E. Rossillon	25
				OO-RED	R44	Roecuir	f/v
				21.G-ERFX	ERJ135BJ	Flairjet	f/v
				LX-JFY	PC-12/47E	Jetfly Aviation	
				PH-TCS	PA-32R-301T	M. Morrien	30
				22.ST46	SF260D	CC Air	
				CS-PHG	EMB505	NetJets Europe	
				D-CQAJ	Lj35A	Quick Air Service	
				OO-ACC	Ce525A	Air Service Liège	
				23.D-HBWH	Bo105S	Air Lloyd	24
				M-INTY	G280	Hampshire Aviation	
				M-USIC	G550	Ineos Aviation	
				OO-MJM	SV-4E	J. de Naeyer	
				PH-DWS	ERJ135LR	Air Charters Europe	
				24.LN-LFS	DA42	CAE Training & Serv. Brussels	f/v arr
				LX-JFR	PC-12/47E	Jetfly Aviation	
				OO-NEY	EMB545	Air Service Liège	
				OO-PCJ	PC-12/47E	EAPC	25
				OO-PCN	PC-12/47E	EAPC	
				PH-TXA	Ce510	ASL	
				SE-RFH	Ce680	European Flight Systems	
				25.CS-LTC	Ce680A	NetJets Europe	
				D-IOHL	Ce525A	Ohlair	
				I-VICC	P68B	AFOC Germany	02
				LX-JFB	PC-12/47E	Jetfly Aviation	
				LX-JFX	PC-12/47E	Jetfly Aviation	
				PH-FJK	Ce525B	ASL	
				26.D-FNJP	PC-12/47E	Air Alliance Express	f/v
				OE-GMF	Ce525B	Avcon Jet	f/v
				OK-PTT	PC-12/47E	Petr Turek	29
				OO-ACC	Ce525A	Air Service Liège	
				OO-MLG	Ce560XL	Luxaviation Belgium	
				27.F-HJFP	PC-12/47E	Getonejet	
				PH-UNC	Falcon 7X	JetNetherlands	f/v 28

28. D-FNJP	PC-12/47E	Air Alliance Express		D-CYES	Lj35A	Air Alliance	AYY107
D-IAAT	EMB500	Arcus Air		N621AR	C-212-300DF	AAR Airlift Group (a/w)	04
D-IOHL	Ce525A	Ohlair	29	SP-LIG	ERJ175LR	Government of Poland	LOT7017/8
OO-PCJ	PC-12/47E	EAPC		TS-IJB	ERJ170LR	Jasmin Airways	JAW8022/3
PH-TXA	Ce510	ASL		04. F-GVMI	Global 6000	LVMH Services	
29. RN02	NH90-NFH	40sq		VN-A890	A350-941	Vietnam Airlines	HVN5081/2
CS-GLD	Global Express	NetJets Europe		VN-A897	A350-941	Vietnam Airlines	HVN5083/4
D-FWIT	PC-12/47E	Air Alliance Express		05. 9H-FRM	Falcon 100	Harmony Jets	
D-GEWF	DA42	M. Haesslich		D-CYES	Lj35A	Air Alliance	AYY107
F-HJBR	EMB505	CASAM		EC-MIE	B737-4Y0SF	Swiftair	BCS3319/0115
G-AOJR	DHC-1	G. Caubergs & N. Mariën		F-HKRA	Ce525	Pegase	08
HB-LTZ	P180	Gofir		HB-JIN	Falcon 900EX	Jet Avn Business Jets	arr PJS400
LX-JDV	Ce525 (M2)	Flying Group Luxemb.	dep	LX-JFX	PC-12/47E	Jetfly Aviation	06
N32CK	PA-46-500TP	Air Bourgogne		LX-PCC	PC-24	Jetfly Aviation	06 JFA59B/06X
N810TD	ERJ135BJ	Meadow Lane Air Partners	f/v	OE-FRM	Ce510	GlobeAir	
N940PK	TBM-940	Flying Smart	f/v	OE-FZB	Ce510	GlobeAir	GAC418U/296X
OO-MAP	PC-24	EAPC		PH-JRC	ERJ135BJ	JetNetherlands	f/v
30. H26	A109BA	1w		UR-SQK	B737-96NER	SkyUp Airlines	SQP8811/2
CS-CHB	CL-350	NetJets Europe		06. CS-GLY	Global 6000	NetJets Europe	11 NJE860G/455Q
D-CJPG	Lj35A	Quick Air Service		CS-PHG	EMB505	NetJets Europe	
I-GAUS	P68	AFOC Germany		D-AONE	CL-604	Air Alliance	
LX-JFV	PC-12/47E	Jetfly Aviation		D-BEAR	Ce750	Air X Charter	AXG606/712
M-ARTY	PC-12/47E	Creston (UK)		N112QS	Global 5000	NetJets	07
M-IFFY	Ce510	Xead	2x	N196PA	G-III	Phoenix Air	
N127QR	Beech 300LW	A. Ruijgrok		N319CM	B767-338ER(F)	Amerijet International	AJT8521/20
OE-FPP	Ce510	GlobeAir	01	N550	G550	Crews International	dep
OO-ACC	Ce525A	Air Service Liège	01 2x	OE-FCB	Ce510	GlobeAir	arr
OO-AFJ	SV-4C	F. Vuylsteke		PH-DWA	ERJ145LR	Air Charters Europe 09	JNL3584/1125
VP-CSB	Global 5000	Marco Polo Aviation		VN-A890	A350-941	Vietnam Airlines	HVN5083/4
				07. 9H-FAM	EMB500	Luxwing	
				CS-DVZ	Ce550	Taespejo Portugal	dep
				D-AERO	ERJ135BJ	Air Hamburg	08 AHO547Q
				ET-AUR	B787-9	Ethiopian Airlines	ETH728/9
				F-HEMI	Ce525A	VallJet	VLJ45AH
				G-VMAP	B787-9	Virgin Atlantic Airways	VIR586
				OE-FHK	Ce510	GlobeAir	08 GAC816E/836X
				OO-FPE	Ce525B	Flying Group	FGY31R/73R
				VN-A886	A350-941	Vietnam Airlines	HVN5081/2
				VN-A890	A350-941	Vietnam Airlines	HVN5083/4
				08. 104/XJ	TBM-700A	ET00.043	CTM3882
				T-235	KDC-10	334sq	div 09 NAF41
				9H-FRM	Falcon 100	Harmony Jets	
				CS-LTC	Ce680A	NetJets Europe	09 NJE26G/650T
				F-HPUR	BAe125-800XP	Valljet	VLJ21AR
				HA-LJA	A320-271N	Wizz Air	f/v WZZ2241/2
				HB-JBB	CS100	Swiss	
				HB-JIN	Falcon 900EX	Jet Aviation Business Jets	dep
				I-GURU	Lj40	Avianord	
				OE-FZC	Ce510	GlobeAir	
				OO-FAI	Falcon 8X	Flying Group	
				VP-BGD	B777-3M0ER	Aeroflot	AFL2168/9
				09. 4O-MNE	Lj45	Government of Montenegro	
				CS-DPL	Global 6000	Luxaviation Portugal	
				G-CISK	ERJ145LR	Eastern Airways	EZE9341/ -
				G-CIXW	ERJ170LR	Eastern Airw. (a/w)	EZE9332/ -
				M-INNI	Lj60XR	YYA Management	arr
				PH-DWS	ERJ135LR	Air Charters Europe	JNL2988/1671
				VT-ANW	B787-8	Air India	10 AIC181/2
				10. D-AFAG	CL-604	FAI Rent-A-Jet	
				F-HASJ	Ce510	Astonjet	
				F-HMSG	Ce525A	VallJet	VLJ32AD

The Embraer on the 11th is former SP-IAF. The bizjet departed to Lelystad and returned a few days later. On the 18th a new fleet addition for Flying Group arrived for re-registration. The jet departed on the 29th with its new registration applied. The Norwegian registered Diamond on the 24th arrived from the UK and is now based at Antwerp.

Credits: ASA Belgium vzw, Luchtzak.be forum.

Brussels

June 2020			
01. CS-GLE	Global 6000	NetJets Europe	dep
D-ATWO	CL-604	Air Alliance	AYY162
D-CJUG	Ce560XLS+	Atlas Air Service	ATL6G
HA-LYM	A320-232	Wizz Air	WZZ9AL/4HN
HB-JAZ	G550	Jet Avn. Business Jets	02 - /PJS550
M-USIK	G650	YYA Management	
N112QS	Global 5000	NetJets	dep
OH-JRJ	PC-12/47E	Hendell Aviation	
OK-JFA	Nextant 400XT	Time Air	
OK-PVG	PC-12/47E	Gumárny Zubří	dep
VQ-BUB	B777-3M0ER	Aeroflot	AFL2168/9
02. 020	C295M	8.BLTr (13.el)	PLF044
D-BOOC	Ce750	Air X Charter	AXG206/108
EC-MIE	B737-4Y0SF	Swiftair	BCS149/1928
F-HKRA	Ce525	Pegase	dep
G-CISK	ERJ145LR	Eastern Airways	EZE9345/ -
G-CIXW	ERJ170LR	Eastern Airw. (a/w)	EZE9321
G-SUGR	ERJ135BJ	Air Charter Scotland	EDC518
PH-DWA	ERJ145LR	Air Charters Europe 06	JNL2403/1584
03. 9H-FAB	ERJ190BJ	Air X Charter	arr AXY0305



Previously with Flight Options as N910FL this ERJ135BJ was delivered to owner Flexjet in December 2019. G-ERFX is being operated by Flairjet who are trading as Sirio UK. (Antwerp, 21 June 2020, Walter Van Brempt)



This Aviocar appeared on the US register in 1990 as N393DF being operated by the US Department of Justice. As N621AR it is currently being operated by the AAR Airlift Group. (Brussels, 3 June 2020, Paul Sanders)

HA-KAM	ATR42-320F	Fleet Air International	17.7T-VNM	Ce560XLS+	Star Aviation
HB-JIN	Falcon 900EX	Jet Aviation Business Jets	A7-ANN	A350-1041	Qatar Airways
LX-JFY	PC-12/47E	Jetfly Aviation	CS-PHD	EMB505	NetJets Europe
11.166377	C-37B	VR-1	D-AFAA	CL-604	FAI Rent-A-Jet
9H-FAB	ERJ190BJ	Air X Charter	D-AFAG	CL-604	FAI Rent-A-Jet
CS-DXV	Ce560XLS	NetJets Europe	D-CPMU	Lj60	FAI Rent-A-Jet
D-CTWO	Lj35A	Air Alliance	D-IAAD	EMB500	Arcus Air
LX-PCB	PC-24	Jetfly Aviation	D-IJLJ	Ce525	Cessna Düsseldorf Cit. Serv. Cent.
N378CX	B767-323ER(F)	Amerijet International	F-HRCA	Ce525	RC Air
N782AV	B787-8	AVIANCA	G-IPLY	Ce550 Bravo	Regency Jet
PH-TXA	Ce510	ASL	G-VYUM	B787-9	Virgin Atlantic Airways
SP-TTA	Beech 400A	Smart Jet	HA-KAR	Ce525	Jet Stream
12.D-CKJM	Ce560XLS+	Air Hamburg	I-GURU	Lj40	Avianord
D-CTRI	Lj35A	Air Alliance	O-EFDT	Ce510	GlobeAir
F-HENE	HA-420	E.A.T.I. Strasbourg	PH-CPI	EMB500	NextGen Aviation
G-VDIA	B787-9	Virgin Atlantic Airways	18.9H-ILB	CL-850	VistaJet Malta
HB-JIN	Falcon 900EX	Jet Aviation Business Jets	CS-LTI	Ce680A	NetJets Europe
I-GURU	Lj40	Avianord	CS-PHI	EMB505	NetJets Europe
LX-JFC	PC-12/47E	Jetfly Aviation	CS-PHN	EMB505	NetJets Europe
OE-FZA	Ce510	GlobeAir	F-HPUR	BAe125-800XP	Valljet
OE-FZC	Ce510	GlobeAir	G-SCCA	Ce510	Gama Aviation (UK)
UR-SQJ	B737-96NER	SkyUp Airlines	LX-SEB	Ce525B	Jetfly Aviation
13.D-AUKE	CL-604	Jetcall	N604GF	CL-604	Gafi
N604GF	CL-604	Gafi	19.9H-FRM	Falcon 100	Harmony Jets
OE-FCO	Ce510	GlobeAir	CS-DXR	Ce560XLS	NetJets Europe
14.F-HEME	BAe125-900XP	VallJet	D-AFAA	CL-604	FAI Rent-A-Jet
F-HPUR	BAe125-800XP	Valljet	D-IGST	Raytheon 390	Peak Air
G-VSPY	B787-9	Virgin Atlantic Airways	F-HALG	Falcon 2000LXS	Polygone
N142QS	Global 6000	NetJets	G-VDIA	B787-9	Virgin Atlantic Airways
15.CS-CHE	CL-350	NetJets Europe	N467AM	G-III	United Medical Devices
D-AFAG	CL-604	FAI Rent-A-Jet	OE-FFB	Ce510	GlobeAir
D-IOHL	Ce525A	Excellent Air	OE-FIT	Ce510	GlobeAir
D-ISKO	Raytheon 390	Peak Air	OE-FIX	Ce525	Aeroways
EI-FPS	CRJ900	Cityjet (SAS c/s)	OE-FNP	Ce510	GlobeAir
LX-PCD	PC-24	Jetfly Aviation	OO-VMV	Falcon 900LX	Flying Group
OE-LWH	ERJ195LR	Austrian Airlines	UR-SQK	B737-96NER	SkyUp Airlines
OO-NEY	EMB545	Air Service Liège	20.A7-AFF	A330-243F	Qatar Airways
PH-TXA	Ce510	ASL	A7-BEL	B777-300ER	Qatar Airways
TC-JFD	B737-8F2	AnadoluJet	CS-LTF	Ce680A	NetJets Europe
VT-ANA	B787-8	Air India	CS-LTG	Ce680A	NetJets Europe
16.CS-DXO	Ce560XLS	NetJets Europe	CS-LTN	Ce680A	NetJets Europe
G-CHMR	ERJ145MP	Eastern Airways	D-BFIL	EMB545	Atlas Air Service
G-CIXW	ERJ170LR	Eastern Airw. (a/w)	TS-IJB	ERJ170LR	Jasmin Airways
HB-FXG	PC-12/47E	ST.X	21.4K-SW800	B747-4R7F	Silk Way West Airlines
LX-FLG	PC-12/47E	Jetfly Aviation	EC-MMX	B787-8	Air Europa
LX-JFQ	PC-12/47E	Jetfly Aviation	G-VZIG	B787-9	Virgin Atlantic Airways
OE-FPP	Ce510	GlobeAir	LX-FLG	PC-12/47E	Jetfly Aviation
OE-FZA	Ce510	GlobeAir	OO-CCJ	Ce525	Air Service Liège
PH-CPI	EMB500	NextGen Aviation	SP-TTA	Beech 400A	Smart Jet
PH-DWS	ERJ135LR	Air Charters Europe	TC-SHE	BAe125-850XP	TK Jet

22.4K-SW800	B747-4R7F	Silk Way West Airlines		27.9H-TOO	Falcon 7X	Skyfirst	KFE436
9H-VCJ	CL-350	VistaJet Malta		D-IECI	Ce500		28
A7-BAB	B777-3DZER	Qatar Airways		HB-VRF	PC-24	Lakeside Aviation	
A7-BER	B777-300ER	Qatar Airways		OY-GFS	Falcon 2000LXS	Air Alsie	
CS-DXW	Ce560XLS	NetJets Europe	23	28.D-CTWO	Lj35A	Air Alliance	AYY108
CS-GLB	Global 6000	NetJets Europe	23 NJE348T/662Y	F-HBDX	EMB505	Jetkey Invest	29 KBD216
D-CAWR	Ce560 Encore+	Aerowest		G-VZIG	B787-9	Virgin Atlantic Airways	VIR586
D-CPMU	Lj60	FAI Rent-A-Jet		LX-JFR	PC-12/47E	Jetfly Aviation	29
LX-JFB	PC-12/47E	Jetfly Aviation		LX-LAA	Lj45	Luxembourg Air Rescue	
LZ-CGQ	B737-3Y5(F)	Cargo Air	23 FAH363/7620	M-ASHI	CL-605	Orascom Aviation	
M-ABEU	Lj45XR	Ryanair		OO-IDE	Ce525	Air Service Liège	01
OE-FOE	Ce510	GlobeAir	23 GAC297X/022M	PH-FJK	Ce525B	JetNetherlands	29
OO-MLG	Ce560XL	Luxaviation Belgium	dep	T7-BPJ	PC-12/47E	Share Plane	29
PH-CPI	EMB500	NextGen Aviation	23	29.9A-JIP	Ce525A	Air Pannonia	
TS-ICB	B737-3G7F	Express Air Cargo		9H-CGH	Falcon 50EX	Skyfirst	KFE501
23.05-0932	C-40C	73rd AS	24 SPAR14	9H-VCO	CL-350	VistaJet Malta	30 VJT449
CS-CHJ	CL-350	NetJets Europe	24	F-HSBL	EMB500	Pan Européenne A/S	PEA501
CS-DXR	Ce560XLS	NetJets Europe	NJE401N/103M	HB-JWB	CL-650	Swiss Air Ambulance	SAZ62/3
F-HEVL	EMB505	Evolem Aviation	25	LX-FPF	Ce525B	Flying Group	dep
F-HMAU	EMB500	Lei Moa	24	M-INNI	Lj60XR	YYA Management	arr
F-HVYC	Ce560XLS+	Lyreco		OO-FAI	Falcon 8X	Flying Group	
G-CIXW	ERJ170LR	Eastern Airw. (a/w)		OO-KIN	Ce680	Flying Group	dep
G-WCCP	Beech B200	2Excel Aviation	24	OY-GFS	Falcon 2000LXS	Air Alsie	
LX-JFR	PC-12/47E	Jetfly Aviation	24	SP-ENT	B737-8AS	Enter Air	ENT59YW/510
OE-LGI	DHC-8-402	Austrian Airlines	AUA351/2	30.54+13	A400M	LTG62	
PH-CPI	EMB500	NextGen Aviation	25	CS-DXY	Ce560XLS	NetJets Europe	01 NJE209P/832T
PH-DWS	ERJ135LR	Air Charters Europe	JNL2496/3496	CS-EJA	Ce560XLS	EJME (Portugal)	01 JME387Y
SE-RFH	Ce680	European Flight Service		CS-PHC	EMB505	NetJets Europe	01 NJE543K/152L
24.D-CAPB	Ce560 Encore+	Aerowest		D-CAHO	Ce560XLS+	Air Hamburg	01 AHO453Z
D-CDSO	Ce550 Bravo	Heli-Flight		D-CFFF	Ce560XLS+	DC Aviation	
D-CLBM	EMB505	Liebherr Int'l Deutschland		ET-AWQ	B767-306ER	CEIBA Intercontinental	
D-FIPD	PA-46-M600		dep	F-HEVL	EMB505	Evolem Aviation	01
D-IAAW	EMB500	Arcus Air		G-CIXW	ERJ170LR	Eastern Airw. (a/w)	
D-IJOA	Ce525A	Excellent Air		I-DIEM	Falcon 900LX	C.A.I.	
ET-AWQ	B767-306ER	CEIBA Intercontinental		OE-FPP	Ce510	GlobeAir	
F-HVYC	Ce560XLS+	Lyreco		SP-ENT	B737-8AS	Enter Air	ENT511/55HK
G-VSPY	B787-9	Virgin Atlantic Airways	VIR586				
N999PN	Falcon 7X	Planet Nine Private Air					
OE-FNP	Ce510	GlobeAir					
PH-TXA	Ce510	ASL					
25.D-BEAR	Ce750	Air X Charter	28 AXG2112/2709				
D-IJET	P180	AirGo					
D-ISIP	Ce525A	Excellent Air					
G-WCCP	Beech B200	2Excel Aviation					
LX-JFW	PC-12/47E	Jetfly Aviation					
LX-PCA	PC-24	Jetfly Aviation					
OO-FPE	Ce525B	Flying Group	dep				
PH-CPI	EMB500	NextGen Aviation	26				
26.02-0042	C-40B	1st AS	SAM960				
10-0215	C-17A	437th AW	RCH500				
CS-EJA	Ce560XLS	EJME (Portugal)	28 JME387Y	02.CH11	C-130H	20sq	
CS-GLG	Global 6000	NetJets Europe	NJE869G/069A	CH13	C-130H	20sq	
G-VWOO	B787-9	Virgin Atlantic Airways	VIR586	ST46	SF260D	CC Air (grey c/s)	*
OH-JRJ	PC-12/47E	Hendell Aviation		03.CH11	C-130H	20sq	
S7-VEV	A320-251N	Air Seychelles	27 SEY9776/8	CH13	C-130H	20sq	
YU-SRB	ERJ135BJ	Government of Serbia					

Swiss, Scandinavian and Austrian restarted passenger flights this month. On the 1st Wizz Air operated their inaugural flight. On the 3rd a CASA spent the night at the airport while enroute to Africa. From the 7th Virgin Atlantic operated several flights via Brussels. Anadolujet has replaced the usual Turkish Airlines service from Istanbul from the 15th. On the 21st Air Europa operated a humanitarian charter. Enter Air operated a flight to Accra on the 29th, returning the next day.

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

Kleine Brogel

June 2020

02.CH11	C-130H	20sq
CH13	C-130H	20sq
ST46	SF260D	CC Air (grey c/s)
03.CH11	C-130H	20sq
CH13	C-130H	20sq



Tunisian charter airline Jasmin Airways was founded in December 2019. The airline operates two former EgyptAir Express ERJ170LR aircraft. TS-IJB was the second aircraft that was delivered to the airline. (Brussels, 3 June 2020, Paul Sanders)



Toon Cox photographed Diamond DA62 D- ICAR at Genk-Zwartberg on 21 June 2020. It seems to be operated by Eelde based European Flight Training Center.

ST25	SF260M+	CC Air (yellow c/s)	*
04.CH11	C-130H	20sq	*
05.ST04	SF260M+	CC Air (yellow c/s)	*
ST43	SF260D	CC Air (grey c/s)	*
08.CH01	C-130H	20sq	*
CH05	C-130H	20sq	
CH12	C-130H	20sq	
09.CH05	C-130H	20sq	
CH11	C-130H	20sq	
H31	A109BA	17sq	*
ST04	SF260M+	CC Air (yellow c/s)	*
ST06	SF260M+	CC Air (Red Devils c/s)	*
10.RN06	NH90-TTH	18sq	*
ST46	SF260D	CC Air (grey c/s)	*
11.ST46	SF260D	CC Air (grey c/s)	*
12.CE02	ERJ135LR	21sq	*
CH05	C-130H	20sq	*
15.CH04	C-130H	20sq	
CH09	C-130H	20sq	
CH11	C-130H	20sq	*
ST30	SF260M+	CC Air (yellow c/s)	*
16.CH04	C-130H	20sq	
CH09	C-130H	20sq	
RN07	NH90-TTH	18sq	*
ST04	SF260M+	CC Air (yellow c/s)	*
ST46	SF260D	CC Air (grey c/s)	*
17.CH05	C-130H	20sq	
CH12	C-130H	20sq	
ST06	SF260M+	CC Air (Red Devils c/s)	*
19.CH05	C-130H	20sq	
ST16	SF260M+	CC Air (Red Devils c/s)	*
22.CH05	C-130H	20sq	
CH09	C-130H	20sq	
23.CH01	C-130H	20sq	
CH05	C-130H	20sq	
CH09	C-130H	20sq	
CH11	C-130H	20sq	
OO-VST	P2006T	Vansteelandt	*
24.ST46	SF260D	CC Air (grey c/s)	
09-9210	C-17A	62nd AW	25
25.CH11	C-130H	20sq	*
H29	A109BA	17sq (demo c/s)	*
H31	A109BA	17sq	*
26.CH09	C-130H	20sq	*
FB14	F-16BM	2w	*
H29	A109BA	17sq (demo c/s)	*
29.H29	A109BA	17sq (demo c/s)	*
H31	A109BA	17sq	*
30.CH01	C-130H	20sq	*
CH05	C-130H	20sq	*
CH12	C-130H	20sq	*
H26	A109BA	17sq	*
ST41	SF260D	CC Air (grey c/s)	*

Almost the whole Belgian Air Force C-130 fleet could be seen at Kleine Brogel, as they did paratropping at the nearby "Hechtelse heath" (Leopoldsburg), making numerous short stops at the base for loading paratroopers.

Credits: Rik Brebels, Toon Cox, Edwin Huskens, Stephan Lodewijks, Quinn Loots.

Koksijde

			June 2020
02.ST46	SF260D	CC Air	2x *
04.FA94	F-16AM	10w	*
FA116	F-16AM	10w	*
08.ST43	SF260D	CC Air	
09.ST43	SF260D	CC Air	
10.ST43	SF260D	CC Air	
11.H26	A109BA	17sq	*
12.CE02	ERJ135LR	21sq	4x *
H31	A109BA	17sq	*
16.FA86	F-16AM	2w	*
FA97	F-16AM	2w	*
17.FA119	F-16AM	10w	2x *
FA127	F-16AM	10w	2x *
18.FA114	F-16AM	10w	2x *
19.ST22	SF260M+	CC Air	4x *
274	AW139	301sq	
274	AW139	301sq	20
22.CH12	C-130H	20sq	*
FA92	F-16AM	2w	*
FA119	F-16AM	10w	*
FA124	F-16AM	10w (spec mks)	2x *
FA127	F-16AM	10w	*
H38	A109BA	17sq	
ST43	SF260D	CC Air	
23.ST06	SF260M+	CC Air (Red Devils c/s)	*
24.ST26	SF260M+	CC Air	2x *
25.279	AW139	301sq	
29.H28	A109BA	17sq	2x

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

Liège

			June 2020
01.4X-ECE	B777-258ER	EI AI	ELY382/236
UR-CQV	An-26B	Vulkan Air	dep VKA121
02.F-HMAU	EMB500	Lei Moa	03
PH-BEJ	Global 5000	Flying Group	
03.4X-ECA	B777-258ER	EI AI	ELY382/236
04.4L-GEN	B747-236B(F)	Geo-Sky	GEL904/3
9H-LEO	Ce550	Luxwing	2x 05
RA-64032	Tu-204-100	Cainiao Logistics	TUP6488/08
05.UR-74026	An-74TK200	Motor Sich	06 MSI6547
06.LY-MRN	B737-36E(F)	KlasJet (BBD c/s)	f/v 08 KLJ8653/4
OY-JSW	Ce525A	Flex Flight	FXT406
RA-82042	An-124-100	Aviacon Zitotrans	07 VDA3549/50
VQ-BKK	B757-223(F)	Aviastar-TU	TUP6888/6504
08.4X-ECC	B777-258ER	EI AI	ELY382/236
RA-64032	Tu-204-100	Cainiao Logistics	TUP6382/02
09.OY-JSW	Ce525A	Flex Flight	FXT409
10.G-CLAA	B747-446F	CargoLogicAir	11 CLU5758/65
OK-JRS	Ce680+	Smartwings	TVS6J/7J

11. 280	PC-12/47E	104sq	IRL280	OO-PCK	PC-12/47E	E.A.P.C.	
HB-FWC	PC-12/47E	TAG Aviation		30. 9H-TOO	Falcon 7X	Skyfirst	
OE-FZA	Ce510	GlobeAir	12 GAC561F/826N	CS-CHC	CL-350	NetJets Europe	NJE7UH/616C
12. CS-HAK	AW139	Aga Khan Foundation	tst	D-CSAG	EMB505	Sudzucker Reise	
N112FE	B767-3S2FER	FedEx	16 f/v FDX9028/9	F-HSHB	Ce510	Flybox	
VQ-BKK	B757-223(F)	Aviastar-TU	TUP6488/6708				
13. CS-HAK	AW139	Aga Khan Foundation	dep				
LX-JCV	B747-4EVERF	Cargolux	div CLX6915/7975				
PH-DWS	ERJ135LR	Air Charters Europe	arr JNL803				
15. 280	PC-12/47E	104sq	2x IRL280				
OO-FPE	Ce525B	Flying Group					
16. 280	PC-12/47E	104sq	IRL280				
CS-PHM	EMB505	NetJets Europe	17 NJE937R/066U				
PH-DWS	ERJ135LR	Air Charters Europe	dep JNL1865				
17. 9H-CFB	PC-24	NextGen Aviation (Malta)					
D-IMVC	Beech B200	Star Wings Dortmund					
G-CLBA	B747-428ERF	CargoLogicAir					
OY-RSE	PC-12/47E	Fournais Aviation					
TF-AAD	B747-4H6	Air Atlanta Icelandic	dep ABD27P				
18. 280	PC-12/47E	104sq	IRL280				
A7-BFD	B777-FDZ	Qatar Airways	div	01. N707CK	B747-4B5(F)	Kalitta Air	June 2020
LX-ECV	B747-4HQERF	Cargolux	div CL54K	PH-NNX	Ce750	ASL	CMB162
LX-VCA	B747-8R7F	Cargolux	div CLX6353	TF-AMI	B747-412(F)	Magma Aviation	02 ABD344P/325
VQ-BKK	B757-223(F)	Aviastar-TU	TUP6488/08	02. A7-BFF	B777-FDZ	Qatar Airways Cargo	QTR8005
19. 520	AW139	Bulgarian Border Police		A7-BFL	B777-FDZ	Qatar Airways Cargo	QTR8148
274	AW139	301sq	dep IRL274	A7-BFP	B777-FDZ	Qatar Airways Cargo	QTR8000/1
CS-CHF	CL-350	NetJets Europe	21 NJE367Y/558L	EC-GXJ	SA226TC	Flightline	dep FTL731
D-CAWR	Ce560 Encore+	Aerowest		03. D-ITTT	CeF406	Air-Taxi Europe	05 TWG241/161
D-IMVC	Beech B200	Star Wings Dortmund		N707CK	B747-4B5(F)	Kalitta Air	06 CMB163
F-HLRY	EMB500	GIE Mustang		OO-DOB	Falcon 900LX	Flying Group	FYG81B/83B
G-CLBA	B747-428ERF	CargoLogicAir		04. A7-BFT	B777-FDZ	Qatar Airways Cargo	QTR8003
HB-VER	Ce525A	Swiss Private Flights		CS-PHC	EMB505	NetJets Europe	NJE2SD/443E
OE-GJP	Ce525B	Jet Pool Network	21	F-HGPE	EMB505	Pan Européenne A/S	PEA302
OO-MLG	Ce560XL	Luxaviation Belgium		TF-AMI	B747-412(F)	Magma Aviation	05 ABD394/320
21. 9H-CFB	PC-24	NextGen Aviation (Malta)		05. D-FALK	Ce208	Businesswings	JMP242/251
9H-VJX	Global 6000	VistaJet Malta		D-ITTT	CeF406	Air-Taxi Europe	TWG261/162
HB-VER	Ce525A	Swiss Private Flights		EC-GXJ	SA226TC	Flightline	08 FTL452/411
22. 9H-CFB	PC-24	NextGen Aviation (Malta)		HA-TVJ	Saab 340A	Fleet Air Int'l	08 FRF400
D-ITRA	Ce525	Transavia Flug		N702CK	B747-4B5(F)	Kalitta Air	06 CKS395
OE-EPM	PC-12/47E	Goldeck-Flug		06. A7-AFJ	A330-243F	Qatar Airways Cargo	f/v QTR8722/3
OO-FPE	Ce525B	Flying Group		A7-BFE	B777-FDZ	Qatar Airways Cargo	QTR8164
23. CS-DXR	Ce560XLS	NetJets Europe	NJE347U/401N	A7-BFG	B777-FDZ	Qatar Airways Cargo	QTR8148
25. 520	AW139	Bulgarian Border Police		07. A7-BFQ	B777-FDZ	Qatar Airways Cargo	08 QTR8144
276	AW139	301sq		08. 280	PC-12/47E	104sq	IRL280
279	AW139	301sq	arr IRL279	A7-BFR	B777-FDZ	Qatar Airways Cargo	QTR8750/1
280	PC-12/47E	104sq	IRL280	A7-BFT	B777-FDZ	Qatar Airways Cargo	QTR8172
9H-VJO	Global 6000	VistaJet Malta		09. A7-BFD	B777-FDZ	Qatar Airways Cargo	QTR8174
D-CHGS	EMB505	Air Alliance		A7-BFF	B777-FDZ	Qatar Airways Cargo	QTR8148
ES-PWC	AW139	Piirivalve Lennusalk		A7-BFG	B777-FDZ	Qatar Airways Cargo	QTR8148
G-CLBA	B747-428ERF	CargoLogicAir		D-ITTT	CeF406	Air-Taxi Europe	10 TWG255/155
VP-BHM	B757-222(F)	E-Cargo	ERF9302/9501	EC-GPS	SA227AC	Flightline	10 FTL822/4
VP-BHM	B757-222(F)	E-Cargo	26 ERF9503/4	N709CK	B747-4B5(F)	Kalitta Air	CMB166
26. 4L-GEO	B747-236B(F)	The Cargo Airlines		10. CS-TRJ	A321-231	21sq	BAF632
27. 2-MATO	CL-601-3A	Volare Aviation		D-ITTT	CeF406	Air-Taxi Europe	11 TWG255/155
UR-11316	An-12BK	Motor Sich	28	EC-GJM	SA227BC	Flightline	11 FTL932/941
29. D-ITAN	Ce525	E-Aviation		HA-TAD	Saab 340A(F)	Fleet Air Int'l	FRF202/200
F-HBZA	Ce550	VallJet		N712CK	B747-4B5F	Kalitta Air	CMB162

The Aga Khan helicopter on the 12th performed a local test flight before departing the Leonardo facility the next day. Cargolux diverted to Liège on the 13th. The Air Atlanta jumbo on the 17th departed to Kemble for parting out. On the 18th three more Luxembourg diversions. The Bulgarian helicopter on the 19th was logged on that day. It was logged again on the 25th together with the first listed Irish and the Estonian helicopter.

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

Ostend-Bruges

01. N707CK	B747-4B5(F)	Kalitta Air	June 2020
PH-NNX	Ce750	ASL	CMB162
TF-AMI	B747-412(F)	Magma Aviation	02 ABD344P/325
02. A7-BFF	B777-FDZ	Qatar Airways Cargo	QTR8005
A7-BFL	B777-FDZ	Qatar Airways Cargo	QTR8148
A7-BFP	B777-FDZ	Qatar Airways Cargo	QTR8000/1
EC-GXJ	SA226TC	Flightline	dep FTL731
03. D-ITTT	CeF406	Air-Taxi Europe	05 TWG241/161
N707CK	B747-4B5(F)	Kalitta Air	06 CMB163
OO-DOB	Falcon 900LX	Flying Group	FYG81B/83B
04. A7-BFT	B777-FDZ	Qatar Airways Cargo	QTR8003
CS-PHC	EMB505	NetJets Europe	NJE2SD/443E
F-HGPE	EMB505	Pan Européenne A/S	PEA302
TF-AMI	B747-412(F)	Magma Aviation	05 ABD394/320
05. D-FALK	Ce208	Businesswings	JMP242/251
D-ITTT	CeF406	Air-Taxi Europe	TWG261/162
EC-GXJ	SA226TC	Flightline	08 FTL452/411
HA-TVJ	Saab 340A	Fleet Air Int'l	08 FRF400
N702CK	B747-4B5(F)	Kalitta Air	06 CKS395
06. A7-AFJ	A330-243F	Qatar Airways Cargo	f/v QTR8722/3
A7-BFE	B777-FDZ	Qatar Airways Cargo	QTR8164
A7-BFG	B777-FDZ	Qatar Airways Cargo	QTR8148
07. A7-BFQ	B777-FDZ	Qatar Airways Cargo	08 QTR8144
08. 280	PC-12/47E	104sq	IRL280
A7-BFR	B777-FDZ	Qatar Airways Cargo	QTR8750/1
A7-BFT	B777-FDZ	Qatar Airways Cargo	QTR8172
09. A7-BFD	B777-FDZ	Qatar Airways Cargo	QTR8174
A7-BFF	B777-FDZ	Qatar Airways Cargo	QTR8148
A7-BFG	B777-FDZ	Qatar Airways Cargo	QTR8148
D-ITTT	CeF406	Air-Taxi Europe	10 TWG255/155
EC-GPS	SA227AC	Flightline	10 FTL822/4
N709CK	B747-4B5(F)	Kalitta Air	CMB166
10. CS-TRJ	A321-231	21sq	BAF632
D-ITTT	CeF406	Air-Taxi Europe	11 TWG255/155
EC-GJM	SA227BC	Flightline	11 FTL932/941
HA-TAD	Saab 340A(F)	Fleet Air Int'l	FRF202/200
N712CK	B747-4B5F	Kalitta Air	CMB162



The Ministries of Finance and Interior of Bulgaria ordered one AW139 in late 2009. The handover was performed during an official ceremony held at Sofia Airport on 15 January 2011. Serial 520 is being operated by the Bulgarian Border Police. (Liège, 19 June 2020, Björn van der Velpen)



Delivered to NHV on 25 August 2015 registered as OO-NSN this AW139 was transferred to the UK register as G-NHVN in October 2019. Nik Deblauwe photographed the helicopter on 30 June 2020 during its first visit to Ostend with its new registration.

PH-NNX	Ce750	ASL	12	UR-82072	An-124-100	Antonov Des.Bur.	22 ADB325F/3241
TF-AMN	B747-4F6(F)	Magma Aviation	ABD343/363	22.A7-BFA	B777-FDZ	Qatar Airways Cargo	QTR8917
11.A7-BFO	B777-FDZ	Qatar Airways Cargo	QTR8003	A7-BFP	B777-FDZ	Qatar Airways Cargo	QTR8172
HA-KAM	ATR42-320(F)	Fleet Air Int'	12 FRF601/600	EC-GJM	SA227BC	Flightline	dep FTL911
12.CS-TRJ	A321-231	21sq	BAF634	EC-GJM	SA227BC	Flightline	23 FTL912/921
A7-BFG	B777-FDZ	Qatar Airways Cargo	QTR8178	N700CK	B747-4R7F	Kalitta Air	CMB163
F-HEMI	Ce525A	Valljet	VLJ10AL	N727DL	Saab 340A	Napleton Air	
HA-KAM	ATR42-320(F)	Fleet Air Int'l	16 FRF601/600	TF-AMN	B747-4F6(F)	Magma Aviation	23 ABD349P/325
N707CK	B747-4B5(F)	Kalitta Air	CMB163	23.A7-BFF	B777-FDZ	Qatar Airways Cargo	QTR8174
OE-FMG	Eclips 500	Mali Air		A7-BFN	B777-FDZ	Qatar Airways Cargo	QTR8913
UR-EMA	ERJ190STD	Ukraine International	AUI3175/6	D-BFIL	EMB545	Atlas Air Service	24 ATL8F
13.A7-BFB	B777-FDZ	Qatar Airways Cargo	QTR8164	24.A7-BFM	B777-FDZ	Qatar Airways Cargo	25 QTR8186
A7-BFM	B777-FDZ	Qatar Airways Cargo	QTR8776/7	A7-BFQ	B777-FDZ	Qatar Airways Cargo	25 QTR8017
A7-BFR	B777-FDZ	Qatar Airways Cargo	QTR8148	D-CAMB	Lj-31A	Jetcall	JCL4
EC-GJM	SA227BC	Flightline	FTL962/963	D-ITTT	CeF406	Air-taxi Europe	25 TWG221/100
TF-BBM	B737-4Q8(F)	Bluebird Nordic	BBD255	G-EMHB	A109E	MyHeli	
14.A7-BFF	B777-FDZ	Qatar Airways Cargo	15 QTR8144	N740CK	B747-4H6(F)	Kalitta Air	CMB165
OO-LUM	Falcon 7X	Luxaviation Belgium/21sq	BAF94	OO-JCV	PC-12/47E	NextGen Aviation	
TF-AMN	B747-4F6(F)	Magma Aviation	SXY336/ABD369	TF-AMN	B747-4F6(F)	Magma Aviation	ABD343/P
15.A7-BFH	B777-FDZ	Qatar Airways Cargo	QTR8172	25.A7-BFO	B777-FDZ	Qatar Airways Cargo	QTR8917
A7-BFJ	B777-FDZ	Qatar Airways Cargo	QTR8917	EC-GPS	SA227AC	Flightline	FTL842/841
A7-BFK	B777-FDZ	Qatar Airways Cargo	16 QTR8913	26.N-319	NH90-NFH	860sq	div Neptune12
EC-GXJ	SA226TC	Flightline	16 FTL412/421	A7-BFG	B777-FDZ	Qatar Airways Cargo	QTR8178
N707CK	B747-4B5(F)	Kalitta Air	CMB165	HA-TAD	Saab 340A(F)	Fleet Air Int'l	29 FRF201/200
OO-JCV	PC-12/47E	NextGen Aviation	dep	N740CK	B747-4H6(F)	Kalitta Air	CMB166
PH-NNX	Ce750	ASL	16	UR-EMC	ERJ190STD	Ukraine International	AUI3175/6
TF-AMP	B747-481(F)	Magma Aviation	16 ABD349P/325	27.A7-BFB	B777-FDZ	Qatar Airways Cargo	QTR8164
UR-UIA	B737-8KV	Ukraine International	UIA3197/8	CS-DSG	Global 6000	NetJets Europe	
16.9H-HFE	A330-342	Hi-Fly Malta (a/w)	arr	N707CK	B747-4B5(F)	Kalitta Air	28 CMB577
A7-BFB	B777-FDZ	Qatar Airways Cargo	QTR8174	N743CK	B747-446(F)	Kalitta Air	CMB575
D-IPVD	Ce525A	Transavia Fluggesellschaft		28.A7-BFU	B777-FDZ	Qatar Airways Cargo	29 QTR8144
EC-GJM	SA227BC	Flightline	17 FTL922/931	D-BFIL	EMB545	Atlas Air Service	29 ATL8F
PH-NNX	Ce750	ASL	18	29.A7-BFG	B777-FDZ	Qatar Airways Cargo	QTR8172
17.N707CK	B747-4B5(F)	Kalitta Air	CMB166	A7-BFJ	B777-FDZ	Qatar Airways Cargo	30 QTR8913
N727DL	Saab 340A	Napleton Air		A7-BFN	B777-FDZ	Qatar Airways Cargo	QTR8917
OH-ZRH	PC-12/47E	Global Airlift Solutions	18	N165SL	P180	AGCT	
OO-JCV	PC-12/47E	NextGen Aviation	23	N740CK	B747-4H6(F)	Kalitta Air	CMB161
OO-SBO	Falcon 8X	Flying Group	FYG71S/63S	OO-CFV	PC-12/47E	NextGen Aviation	30
TF-AMP	B747-481(F)	Magma Aviation	SXY332/ABD373	PH-NNX	Ce750	ASL	tst
18.A7-BFE	B777-FDZ	Qatar Airways Cargo	QTR8186	TF-AMI	B747-412(F)	Magma Aviation	ABD717P/325
A7-BFS	B777-FDZ	Qatar Airways Cargo	QTR8917	30.A7-BFB	B777-FDZ	Qatar Airways Cargo	QTR8174
D-ITTT	CeF406	Air-Taxi Europe	TWG255/ -	CS-TRJ	A321-231	21sq	BAF632
EC-GJM	SA227BC	Flightline	FTL942/ -	G-NHVN	AW139	NHV Helicopters	f/v
EC-GPS	SA227AC	Flightline	FTL833/842	HA-KAM	ATR42-320(F)	Fleet Air Int'l	FRF801/800
19.A7-BFL	B777-FDZ	Qatar Airways Cargo	QTR8178	OO-CFV	PC-12/47E	NextGen Aviation	arr
CS-TRJ	A321-231	21sq	BAF633	SP-ATT	Beech 400XP	Smart Jet	arr
D-ICCC	CeF406	Air-Taxi Europe	TWG200/100				
OO-JAX	B737-8K5	TUI Belgium	03 JAF064F/451				
OY-NDP	Ce525A	Blackbird Air	BBB41				
UR-EMA	ERJ190STD	Ukraine International	AUI3199/3200				
VP-BWR	B737-79T	USAL					
20.253	CN235-100MPA	101sq	IRL253				
A7-BFQ	B777-FDZ	Qatar Airways Cargo	QTR8164				
21.A7-BFQ	B777-FDZ	Qatar Airways Cargo	22 QTR8132				
D-CDOC	Lj45	Jetcall	JCL2				
EC-GPS	SA227AC	Flightline	FTL832/ -				
TF-AMP	B747-481(F)	Magma Aviation	ABD347P/397P				

EgyptAir Cargo:

SU-GCE 02, 03², 06, 13, 14, 23, 27, 28
 SU-GCF 04, 08², 09, 20, 21
 SU-GCJ 01, 11, 16, 18², 25, 30

Ostend traffic during June 2020 comprised all sorts and shapes of cargo transport. Business aviation came in second place and some airlines visited on cargo/passenger flights. The NH90 on the 26th was a weather diversion.

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

Paramaribo-Zanderij 2020 Part 2



This B767 was added to the NEOS fleet in 2005 as EI-DMJ. It was re-registered to I-NDMJ in 2010. From late 2019 the aircraft is being operated in the Moonflower livery. "Moonflower" is the ICAO callsign of NEOS. (Paramaribo, 6 April 2020, Andrew Müller)

Johan Adolf Pengel (Paramaribo, Surinam)

			April 2020
02. 8R-GRB	BN-2A-26	Roraima Airways	
OO-LOE	B787-8	TUI Belgium	06
03. N764AV	A320-251N	AVIANCA	AVA280/1
PZ-NMA	GA-8	MAF Suriname	
PZ-TBN	DHC-6-310	Gum Air	
05. OO-JDL	B787-8	TUI Belgium	
06. I-NDMJ	B767-306ER	NEOS	07
PJ-DOM	Ce510	JetBudget	
07. 8R-GRB	BN-2A-26	Roraima Airways	
08. C-GCFZ	Beech C90	Terraquest	dep
09. 8R-GRB	BN-2A-26	Roraima Airways	
10. HI1045	Ce525	Helidosa	
N706KW	B767-336ER	Eastern Airlines	11
14. N811TJ	B737-306(F)	iAero Airways	SWQ700/1
16. 8R-GRB	BN-2A-26	Roraima Airways	
20. OO-ABD	A340-313E	Air Belgium	21 SLM993/4
21. 8R-GRB	BN-2A-26	Roraima Airways	
23. 8R-GRB	BN-2A-26	Roraima Airways	
24. N706KW	B767-336ER	Eastern Airlines	
25. C-GSTG	Falcon 7X	Execaire	
N11GW	G-V	Journey Aviation	
28. 8R-GRB	BN-2A-26	Roraima Airways	
OO-ABB	A340-313E	Air Belgium	SLM993/4
29. N811TJ	B737-306(F)	iAero Airways	SWQ700/1

Amerijet International:

N396CM 24 N378CX 17

Northern Air Cargo:

N379CX 21

StratAir:

N351CM 07, 14, 28

Trans Guyana Airways:

8R-GAQ 03 8R-GHU 03

The Terraquest Beech finally left on the 8th. Roraima operated cargo flights to Georgetown. TUI had one repatriation flight, but two aircraft as the first one broke down. On the 3rd Avianca on a cargo charter. Both Cessnas on the 6th and 10th were medical flights. NEOS and Air Belgium were repatriation flights.

			May 2020
02. PH-TFM	B787-8	TUI Netherlands	06
05. 8R-GRB	BN-2A-26	Roraima Airways	
OO-ABE	A340-313E	Air Belgium	
07. 8R-GRB	BN-2A-26	Roraima Airways	
08. EC-MUA	B777-212ER	Privilege Style	09
12. 8R-GRB	BN-2A-26	Roraima Airways	
14. 8R-GRB	BN-2A-26	Roraima Airways	
N811TJ	B737-306(F)	iAero Airways	SWQ700/1
OO-ABD	A340-313E	Air Belgium	15
16. PZ-NAU	CeU206F	MAF Suriname	17
17. PH-BVC	B777-306ER	KLM	f/v 18 KLM713/4
PZ-HVG	R44	Pegasus Air Services	

18. N809SY	B737-8Q8	Sun Country Airlines	19 SCX8651/2
19. 8R-GRB	BN-2A-26	Roraima Airways	
21. 8R-GRB	BN-2A-26	Roraima Airways	
N450EF	G-IVSP	Prime Jets	28
22. N549PA	Lj35A	Phoenix Air Group	
26. 8R-GRC	BN-2A-27	Roraima Airways	
N811TJ	B737-306(F)	iAero Airways	SWQ2223/4
OO-ABE	A340-313E	Air Belgium	27
28. N811TJ	B737-306(F)	iAero Airways	SWQ700/1
29. 8R-GRC	BN-2A-27	Roraima Airways	

Amerijet International:

N319CM 15

Northern Air Cargo:

N379CX 05, 12, 19

Almost all wide-bodies were cargo charters, except for Privilege Style and KLM. KLM's B777 was a first visit of type. Sun Country brought oil and gas workers. The bizzjet on the 21st probably brought independent observers for the national elections on the 25th.

			June 2020
02. 8R-GRC	BN-2A-27	Roraima Airways	
03. N77WL	G-IV	Prime Jet	
OO-ABD	A340-313E	Air Belgium	04
04. 8R-GRC	BN-2A-27	Roraima Airways	
05. N821SY	B737-8FH	Sun Country Airlines	SCX8661/2
06. 8R-GRC	BN-2A-27	Roraima Airways	
09. 8R-GRC	BN-2A-27	Roraima Airways	
C-GSTG	Falcon 7X	Execaire	
N927JA	G-IVSP	Journey Aviation	
11. 8R-GRB	BN-2A-26	Roraima Airways	
16. 8R-GRB	BN-2A-26	Roraima Airways	
OO-ABA	A340-313E	Air Belgium	17
17. 8R-GRC	BN-2A-27	Roraima Airways	
N811TJ	B737-306(F)	iAero Airways	SWQ700/1
19. 8R-GRC	BN-2A-27	Roraima Airways	
21. C-GTCI	Ce750	Execaire	
23. 8R-GRB	BN-2A-26	Roraima Airways	
25. 8R-GRC	BN-2A-27	Roraima Airways	
26. C-FGRS	CL-605	Execaire	
28. N811TJ	B737-306(F)	iAero Airways	SWQ700/1
30. 8R-GRB	BN-2A-26	Roraima Airways	
OO-ABD	A340-313E	Air Belgium	

Amerijet International:

N316CM 22 N743AX 12

StratAir:

N351CM 09, 16, 23, 30

Left out were Surinam Airways (B737), KLM (B777 and B787) and the Fly Allways Fokker 70s.

Sun Country came back to pick up a group who arrived late May. Quite some Canadian bizzers, probably related to gold-mining activities.

Credits: Danny de Kiewit, Andrew Muller.

Military Movements Elsewhere



Marshall Aerospace & Defense Group (MADG) has been performing heavy maintenance for The Royal Netherlands Air Force's C-130 Hercules aircraft since a couple of years. Recently, a new tender was issued and MADG (again) won this contract. Under this new contract, C-130H G-273 is currently receiving her D-check and therefore has been totally stripped of its colours. (Cambridge, 10 July 2020, Thomas Saunders)

Germany

Geilenkirchen		May 2020
11. D-HVBH	EC135T1	* BPO15
14. D-HEGD	AS332L1	* BPO22
28. D-HVBO	EC135T1	* BPO140
D-HVBW	EC135T1	BPO27

June 2020		
08. F-GZTB	B737-33V(QC)	ASL Airlines
24. D-CFME	Beech 350	FCS
25. 1931	C-27J	Slovak AF
26. FB24	F-16BM	10W
Credits: Rolf Flinzner, Scramble messageboard.		

Nürnberg		June 2020
02.11-20387	UH-60M	4-3rd AVN
03.11-20353	HH-60M	C/2-3rd AVN
04.14+05	Global 5000	FBS BMVg
05.84-00156	C-12U-3	E/1-214th AVN
07.ZM419/419	Atlas C1	24/70sq
08.72+33	UH1D	THR30
97-00105	UC-35A	E/1-214th AVN
13-08132	CH-47F	B/1-214th AVN
12.54+29	A400M	LTG62
84-00165	C-12U-3	E/1-214th AVN
15.54+17	A400M	LTG62
54+26	A400M	LTG62
16.15+02	A319-133X	FBS BMVg
15+04	A321-231	FBS BMVg
54+29	A400M	LTG62
09-72098	UH-72A	JMRC
T-357	EC635P2+	Swiss AF
T-370	EC635P2+	Swiss AF
17.16+02	A340-313	FBS BMVg
09-72098	UH-72A	JMRC
18.15+03	A319-133X	FBS BMVg
14+02	Global 5000	FBS BMVg
T-365	EC635P2	Swiss AF
T-368	EC635P2	Swiss AF
08-8602/RS	C-130J-30	37th AS
19.16+02	A340-313	FBS BMVg
84-00157	C-12U-3	E/1-214th AVN
21.ZM400/400	Atlas C1	24/70sq
22.15+04	A321-231	FBS BMVg
09-72100	UH-72A	JMRC
23.54+29	A400M	LTG62
76+10	H145M	HSG64

87-26004	UH-60A+	C/1-214th AVN	* Duke70
24.10-20314	UH-60M	A/1-214th AVN	* Duke32
09-72108	UH-72A	JMRC	* Army72108
25.54+10	A400M	LTG62	GAF684
54+13	A400M	LTG62	GAF692
76+10	H145M	HSG64	* Hawk428
09-72108	UH-72A	JMRC	* Army72108
27.ZM410	Atlas C1	24/70sq	RRR4134/35
28.60+08	P-3C	MFG3	GNV4530
29. T-721	Beech 350C	LTDB	SUI721
T-751	CL-604	LTDB	SUI751
30.14+03	Global 5000	FBS BMVg	* GAF685
T-751	CL-604	LTDB	SUI751
90-0532	C-17A	156th AS NC ANG	RCH895

Credits: MAR, Scramble messageboard.

Ramstein		June 2020
01.03	C-17A	HAW
87-0035	C-5M	436th AW
01-0187	C-17A	62nd AW
01-0188	C-17A	137th AS NY ANG
03-3118	C-17A	183rd AS MS ANG
03-3124	C-17A	437th AW
05-5153/HH	C-17A	535th AS HI ANG
06-6154	C-17A	60th AMW
07-7183	C-17A	437th AW
14-5789	AC-130J	1st SOW
58-0125	KC-135T	6th ARW
166714	UC-35D	VMR-1
164762/JW	C-130T	VR-62
02.85-0003	C-5M	436th AW
85-0010	C-5M	60th AMW
94-0065	C-17A	155th AS TN ANG
00-0185/AK	C-17A	144th AS AK ANG
01-0188	C-17A	137th AS NY ANG
02-1108	C-17A	62nd AW
07-7177	C-17A	436th AW
10-0216	C-17A	62nd AW
164762/JW	C-130T	VR-62
90-0829/SP	F-16CM	480th FS
91-0472/SP	F-16CM	480th FS
89-26163	UH-60A+	C/1-214th AVN
03.ZE701	BAe146 CC2	32(TR)sq
03-3115	C-17A	183rd AS MS ANG
07-7171	C-17A	305th AMW
08-8190	C-17A	437th AW
10-0215	C-17A	437th AW

18-01947	C-37B	99th AS	04 SAM786	166376	C-37B	VR-1	10 VV500
900530	C-26D	AOD Sigonella	04 CNV6404	10.85-0004	C-5M	436th AW	12 RCH895
166376	C-37B	VR-1	05 VV500	87-0029	C-5M	60th AMW	12 RCH319
164762/JW	C-130T	VR-62	04 CNV6502	93-0601	C-17A	758th AS AFRC	11 RCH984
04.MM62287	P-180AM	71°Gr GE	IAM1495	01-0186	C-17A	436th AW	13 RCH896
ZE701	BAe146 CC2	32(TR)sq	RRR1457	02-1101	C-17A	758th AS AFRC	11 RCH405
ZZ174/174	C-17A	99sq	RRR6340	07-7176	C-17A	436th AW	11 RCH262
96-0005	C-17A	137th AS NY ANG	05 RCH881	07-7187	C-17A	437th AW	dep RCH979
02-1099	C-17A	758th AS AFRC	05 RCH135	10-0223	C-17A	437th AW	11 RCH420
07-7186	C-17A	437th AW	07 RCH381	15-20745	UH-60M	A/1-214th AVN	Duke45
08-8190	C-17A	437th AW	05 RCH385/711	11.01-0188	C-17A	137th AS NY ANG	12 RCH555
10-0215	C-17A	437th AW	05 RCH147	02-1101	C-17A	758th AS AFRC	12 RCH405
165151	C-20G	CFLSW Det Sigonella	CNV6704	04-4133	C-17A	305th AMW	12 RCH200
900530	C-26D	AOD Sigonella	05 CNV6404	07-7187	C-17A	437th AW	12 RCH979/978
910502	C-26D	AOD Naples	CNV6229	57-2605/D	KC-135R	351st ARS	Evac10E2
05.06-0500	C-37B	99th AS	06 SAM824	12.85-0001	C-5M	436th AW	dep RCH972
97-00105	UC-35A	E/1-214th AVN	Duke69	00-0171/AK	C-17A	144th AS AK ANG	13 RCH891
900530	C-26D	AOD Sigonella	CNV6404	04-4133	C-17A	305th AMW	13 RCH200
164762/JW	C-130T	VR-62	06 CNV6505	10-0223	C-17A	437th AW	14 RCH420
06.87-0034	C-5M	60th AMW	RCH897	08-6206	MC-130J	415th SOS	13 RCH1030
96-0005	C-17A	137th AS NY ANG	08 RCH881/892	17-5876	MC-130J	415th SOS	13 RCH1008
98-0057	C-17A	137th AS NY ANG	07 RCH959	13.85-0001	C-5M	436th AW	20 RCH972
00-0171/AK	C-17A	144th AS AK ANG	07 RCH731	87-0045	C-5M	436th AW	14 RCH885
03-3113	C-17A	183rd AS MS ANG	07 RCH400	79-1711	KC-10A	305th AMW	14 RCH324
04-4136	C-17A	305th AMW	dep RCH555	93-0601	C-17A	758th AS AFRC	RCH984
10-0215	C-17A	437th AW	07 RCH147	00-0181	C-17A	167th AS WV ANG	14 RCH710
14-08455	CH-47F	B/2-3rd AVN	07 Army08455	01-0188	C-17A	137th AS NY ANG	15 RCH555/872
07.02-1099	C-17A	758th AS AFRC	08 RCH135	01-0191	C-17A	436th AW	RCH140
02-1107	C-17A	156th AS NC ANG	08 RCH870	03-3124	C-17A	437th AW	14 RCH1815
04-4136	C-17A	305th AMW	08 RCH155/300	07-7187	C-17A	437th AW	14 Bandage71/RCH377
05-5141	C-17A	729th AS AFRC	dep RCH101	08-8195	C-17A	62nd AW	14 RCH882
11-9001	E-11A	430th EECS	08 Velcro04	09-9205	C-17A	437th AW	18 RCH343/804
08.85-0004	C-5M	436th AW	09 RCH895	57-2605/D	KC-135R	351st ARS	Evac10E2
98-0057	C-17A	137th AS NY ANG	09 RCH959	08-20272	HH-60M	C/2-1st AVN	Army20272
01-0186	C-17A	436th AW	09 RCH269	165313/AX	C-130T	VR-53	14 CNV6514
07-7186	C-17A	437th AW	10 RCH381/379	14.00-0171/AK	C-17A	144th AS AK ANG	RCH625
02-5001	C-32B	150th SOS NJ ANG	RCH587	00-0175	C-17A	305th AMW	RCH894
166377	C-37B	VR-1	10 VV377	01-0191	C-17A	436th AW	RCH140
11-5725/FT	HC-130J	71st RQS	09 RCH5725	04-4136	C-17A	305th AMW	RCH-600/346
11-5727/FT	HC-130J	71st RQS	09 RCH5727	06-6154	C-17A	60th AMW	RCH403
91-0344/SP +1		F-16CM	* 480th FS	15.0223	M-28B	8.BLTr	PLF115
09.84-0060	C-5M	60th AMW	10 RCH535	00-0181	C-17A	167th AS WV ANG	20 RCH710/893
96-0005	C-17A	137th AS NY ANG	11 RCH892	10-0223	C-17A	437th AW	16 RCH420
04-4136	C-17A	305th AMW	13 RCH300/600	900531	C-26D	AOD Naples	16 CNV6215
10-0219	C-17A	62nd AW	10 RCH477	165313/AX	C-130T	VR-53	16 CNV6514
15-20745	UH-60M	A/1-214th AVN	* Duke32	16.0223	M-28B	8.BLTr	PLF115
165151	C-20G	CFLSW Det Sigonella	CNV6709	ZE701	BAe146CC2	32(TR)sq	RRR1369



The 62nd AW C-17s are regular visitors at Ramstein Air Base since this unit received the very first C-17 in 1993! C-17 02-1109 is one of their newer examples and has been photographed during take-off at Ramstein by Carlos Geurts. (25 June 2020)



Jeroen Jonkers photographed C-26D 910502 during landing at Ramstein Air Base with a very slow shutter speed! This aircraft is normally based at Sigonella and therefore a regular visitor to European military air bases. (19 June 2020)

ZZ177/177	C-17A	99sq	RRR6384	00-0185/AK	C-17A	144th AS AK ANG	RCH417
01-0188	C-17A	137th AS NY ANG	18 RCH872	01-0192	C-17A	137th AS NY ANG	25 RCH180
01-0189	C-17A	155th AS TN ANG	17 RCH700	02-1109	C-17A	62nd AW	23 RCH826
04-4136	C-17A	305th AMW	24 RCH346/Bandage02	02-1112	C-17A	183rd AS MS ANG	RCH557
05-5149/HH	C-17A	535th AS HI ANG	17 RCH886	03-3124	C-17A	437th AW	arr RCH895
08-8195	C-17A	62nd AW	17 RCH882	10-20276	UH-60M	A/1-214th AVN	Duke68
59-1513/D	KC-135R	351st ARS	Quid21	165151	C-20G	CFLSW Det Sigonella	CNV6722
87-26004	UH-60A+	C/1-214th AVN	Duke96	900530	C-26D	AOD Sigonella	23 CNV6421
165151	C-20G	CFLSW Det Sigonella	CNV6716	23.95/XH	TBM-700A	CEAM?	24 FAF9178
17.ZE701	BAe146 CC2	32(TR)sq	RRR1369	87-0029	C-5M	60th AMW	24 RCH873
ZZ177/177	C-17A	99sq	RRR6404	96-0005	C-17A	137th AS NY ANG	25 RCH411
85-0031	KC-10A	305th AMW	19 RCH663	98-0054	C-17A	437th AW	25 RCH1815
86-0029	KC-10A	60th AMW	20 RCH216	03-3119	C-17A	183rd AS MS ANG	27 RCH562
01-0194	C-17A	89th AS AFRC	18 RCH801	07-7170	C-17A	436th AW	25 RCH416
02-1101	C-17A	758th AS AFRC	RCH100	13-08132	CH-47F	B/1-214th AVN	Grit28
05-5141	C-17A	729th AS AFRC	28 RCH523/151	910502	C-26D	AOD Naples	CNV6123
08-8202	C-17A	62nd AW	RCH778	24.88-0266	C-17A	437th AW	25 RCH435/892
90-0833/SP	F-16CM	480th FS	Beavis02	02-1109	C-17A	62nd AW	25 RCH879
18.93-0603	C-17A	89th AS AFRC	20 CNV550	03-3125	C-17A	305th AMW	25 RCH564
96-0005	C-17A	137th AS NY ANG	19 RCH875	165313/AX	C-130T	VR-53	25 CNV6524
02-1101	C-17A	758th AS AFRC	19 RCH100	25.77/XD	TBM-700A	ET00.043	CTM3887
07-7176	C-17A	436th AW	19 RCH900/523	03	C-17A	HAW	26 Bartok50
15-20743	UH-60M	A/1-214th AVN	Duke25	85-0007	C-5M	436th AW	27 RCH899
09-72098	UH-72A	JMRC	Army72098	85-0010	C-5M	60th AMW	26 RCH330
165313/AX	C-130T	VR-53	19 CNV6517	99-0169	C-17A	437th AW	28 RCH525
19.02	C-17A	HAW	Bartok98	00-0185/AK	C-17A	144th AS AK ANG	29 RCH148/151
85-0003	C-5M	436th AW	20 RCH800	01-0191	C-17A	436th AW	26 RCH319
98-0054	C-17A	437th AW	20 RCH895	02-1107	C-17A	156th AS NC ANG	arr RCH151
01-0194	C-17A	89th AS AFRC	20 RCH893/710	04-4133	C-17A	305th AMW	RCH408/406
02-1101	C-17A	758th AS AFRC	RCH100	04-4136	C-17A	305th AMW	26 Bandage02/RCH977
09-9205	C-17A	437th AW	30 RCH804/468	08-8190	C-17A	437th AW	26 RCH241
910502	C-26D	AOD Naples	20 CNV6219	97-0400	C-37A	99th AS	29 SAM951
165830	C-40A	VR-59	20 CNV6618	90-0827/SP	F-16CM	480th FS	* Killer03
165313/AX	C-130T	VR-53	20 CNV6517	90-0828/SP	F-16CM	480th FS	* Killer04
20.69-0024	C-5M	436th AW	RCH874	09-72100	UH-72A	JMRC	Army72100
96-0005	C-17A	137th AS NY ANG	22 RCH875/411	165313/AX	C-130T	VR-53	26 CNV6524
01-0192	C-17A	137th AS NY ANG	21 RCH180	26.86-0024	C-5M	60th AMW	27 RCH833
03-3127	C-17A	62nd AW	RCH247	01-0188	C-17A	137th AS NY ANG	27 RCH889
21.76-0164	C-12C	USE Riyadh	24 Guts65	01-0191	C-17A	436th AW	27 RCH319
92-3292	C-17A	758th AS AFRC	22 RCH467	06-6164	C-17A	60th AMW	27 RCH597
93-0603	C-17A	89th AS AFRC	22 RCH550	06-6165	C-17A	436th AW	RCH192
02-1112	C-17A	183rd AS MS ANG	22 RCH557	06-6167	C-17A	436th AW	RCH434
03-3119	C-17A	183rd AS MS ANG	23 RCH562	07-7179	C-17A	60th AMW	RCH329
900530	C-26D	AOD Sigonella	CNV6421	08-8199	C-17A	62nd AW	RCH891
22.03	C-17A	HAW	Bartok50	08-8202	C-17A	62nd AW	27 RCH166
92-3292	C-17A	758th AS AFRC	23 RCH467	10-0216	C-17A	62nd AW	28 RCH661
95-0104	C-17A	155th AS TN ANG	23 RCH178	10-0221	C-17A	437th AW	05 RCH441



The CH-53s are being upgraded at Airbus Helicopters, Donauwörth and receive new avionics. CH-53GA 84+99 is seen here being towed from one hangar to another in folded status. (Donauwörth, 26 June 2020, Wim Sonneveld)

00-0174/AK	C-17A	144th AS AK ANG	15 RCH426	02-1100	C-17A	155th AS TN ANG	29 RCH160
02-1111	C-17A	62nd AW	18 RCH208/234	29.85-0003	C-5M	436th AW	RCH202/870
08-8202	C-17A	62nd AW	15 RCH551	10-0219	C-17A	62nd AW	30 RCH324
60-0323	KC-135R	314th ARS AFRC	RCH314	30.85-0005	C-5M	436th AW	arr RCH884
15.09-9211	C-17A	62nd AW	16 RCH876	90-0532	C-17A	156th AS NC ANG	01 RCH895
16.98-0051/AK	C-17A	144th AS AK ANG	17 RCH210	<u>Credits: MAR, Scramble messageboard.</u>			
00-0174/AK	C-17A	144th AS AK ANG	17 RCH426	<u>Ireland</u>			
08-8199	C-17A	62nd AW	17 RCH890	<hr/>			
15-20743	UH-60M	A/1-214th AVN	Duke08	Shannon June 2020			
17.99-0169	C-17A	437th AW	RCH327	09.11-5725/FT	HC-130J	71st RQS	
03-3118	C-17A	183rd AS MS ANG	18 RCH103	11-5727/FT	HC-130J	71st RQS	
18.628/3-JL	Mirage 2000D	EC02.003	* FAF7202	280	PC-12NG	104sq	
681/3-AG	Mirage 2000D	EC01.003	* FAF7201	13.08-6206	MC-130J	415th SOS	
87-0030	C-5M	60th AMW	19 RCH114	17-5876	MC-130J	415th SOS	
19.99-0169	C-17A	437th AW	20 RCH327	15.CS-TRJ	A321-231	21sm	
20.85-0007	C-5M	436th AW	23 RCH777	17.280	PC-12NG	104sq	
87-0029	C-5M	60th AMW	21 RCH873	CS-TRJ	A321-231	21sm	
02-1111	C-17A	62nd AW	22 RCH234	18.280	PC-12NG	104sq	
21.87-0034	C-5M	60th AMW	24 RCH881	22.CS-TRJ	A321-231	21sm	
96-0006	C-17A	167th AS WV ANG	23 RCH415	23.280	PC-12NG	104sq	
22.LX-N90454	E-3A	NAEW&CF	* Nato40	27.165830	C-40A	USN	
85-0004	C-5M	436th AW	02 RCH220	<u>Credits: MAR, Scramble messageboard.</u>			
85-0010	C-5M	60th AMW	RCH705	<u>Portugal</u>			
05-5145	C-17A	729th AS AFRC	26 RCH271	<hr/>			
07-7175	C-17A	436th AW	23 RCH896	Lajes, Azores June 2020			
99-00102	UC-35A	E/1-214th AVN	Duke59	01.1280/SU-BAL	C-130H	4sq/16sq	dep EGY1114
23.06-6167	C-17A	436th AW	24 RCH434	82-0191	KC-10A	60th AMW	04 Blue42
24.87-0042	C-5M	60th AMW	26 RCH980	06-6154	C-17A	60th AMW	RCH380
92-3291	C-17A	155th AS TN ANG	26 RCH300	62-3514	KC-135R	141st ARS NJ ANG	03 Blue43
97-0044	C-17A	89th AS AFRC	25 RCH636	15-5134/HL	F-35A	388th FW	04 Tabor11/21
01-0187	C-17A	62nd AW	25 RCH533	15-5162/HL	F-35A	388th FW	04 Tabor12/23
02-1101	C-17A	758th AS AFRC	25 RCH982	02.93-1036	C-130H	700th AS AFRC	03 RCH106
84-0087	C-21A	76th AS	* Valor21	93-1037	C-130H	700th AS AFRC	03 RCH107
25.87-0034	C-5M	60th AMW	26 RCH886/111	93-1038	C-130H	700th AS AFRC	03 RCH108
96-0006	C-17A	167th AS WV ANG	26 RCH897	59-1461	KC-135R	126th ARS WI ANG	04 Blue93
97-0044	C-17A	89th AS AFRC	26 RCH636	61-0310	KC-135R	126th ARS WI ANG	04 Blue53
84-0087	C-21A	76th AS	* Valor21	15-5131/HL	F-35A	388th FW	04 Tabor32/22
26.84-0087	C-21A	76th AS	* Valor21	15-5166/HL	F-35A	388th FW	04 Tabor22/12
13-08146	CH-47F	B/2-3rd AVN	Army08146	15-5172/HL	F-35A	388th FW	04 Tabor23/13
11-20397	UH-60M	4-3rd AVN	Army08146	15-5173/HL	F-35A	388th FW	05 Tabor31/34
05-07010	AH-64D	ex A/1-3rd AVN	Army08146	15-5188/HL	F-35A	388th FW	04 Tabor21/11
07-05518	AH-64D	B/3-17th Cav	Army08146	15-5200/HL	F-35A	388th FW	04 Tabor24/14
27.87-0042	C-5M	60th AMW	30 RCH980	15-5201/HL	F-35A	388th FW	05 Tabor33
02-1101	C-17A	758th AS AFRC	28 RCH984	15-5203/HL	F-35A	388th FW	04 Tabor34/24
28.86-0024	C-5M	60th AMW	30 RCH871				

03.93-1036	C-130H	700th AS AFRC	RCH106	165378/JW	C-130T	VR-62	13 CNV3622
04.1280/SU-BAL	C-130H	4sq/16sq	05 EGY1114	41877	C-130E	6sq/21sq	15 PAAF043
79-1711	KC-10A	305th AMW	05 Blue92	4189	C-130E	6sq/21sq	15 PAAF035
79-1712	KC-10A	305th AMW	05 RCH212	15.ZM415/415	Atlas C1	24/70sq	RRR4138
87-0119	KC-10A	60th AMW	05 Blue52	16.ZM415/415	Atlas C1	24/70sq	RRR4139
15-5136/HL	F-35A	388th FW	05 Tabor12/31	168980	C-40A	VR-58	17 CNV4362
15-5175/HL	F-35A	388th FW	05 Tabor13/32	17.165832	C-40A	VR-58	CNV4642
165810/BH	KC-130J	VMGR-252	Otis81	18.4177	C-130E	6sq/21sq	19 PAAF043
05.0007/F-RBAA	A400M	ET01.061	CTM1519	168980	C-40A	VR-58	CNV4362
79-0434	KC-10A	305th AMW	Blue21	19.165832	C-40A	VR-58	CNV4642
12-3060	C-146A	524th SOS	06 RCH1049	21.1281/SU-BAM	C-130H	4sq/16sq	22 EGY1116
88-0266	C-17A	437th AW	06 RCH328	168980	C-40A	VR-58	CNV4382
93-1039	C-130H	700th AS AFRC	06 RCH109	22.4/F-RAFQ	Falcon 900	ET00.060	CTM0006
07.1285/SU-BAR	C-130H	4sq/16sq	09 EGY1115	24.4144	L-100	6sq/21sq	25 PAAF045
78-0614/FT	A-10C	23rd Wg	10 Tabor83	25.4/F-RAFQ	Falcon 900	ET00.060	CTM0006
78-0639/FT	A-10C	23rd Wg	10 Tabor84	60-0324/D	KC-135R	351st ARS	* Quid44
79-0129/FT	A-10C	23rd Wg	10 Tabor86	26.0019/F-RBAG	A400M	ET01.61	CTM1526
79-0193/FT	A-10C	23rd Wg	10 Tabor85	28.1271/SU-BAM	C-130H	4sq/16sq	29 EGY1116
80-0172/FT	A-10C	23rd Wg	10 Tabor82	16-46023	KC-46A	22nd ARW	RCH171
80-0194/FT	A-10C	23rd Wg	10 Tabor81	85-0011	MC-130H	15th SOS	RCH1014
79-1712	KC-10A	305th AMW	10 Blue31	30.1286/SU-BAS	C-130H	4sq/16sq	01 EGY1521
62-3540/D	KC-135R	351st ARS	10 Blue32				
08.165313/AX	C-130T	VR-53	09 CNV3462				
09.89-0280	MC-130H	15th SOS	10 RCH1013				
165829	C-40A	VR-58	CNV6609				
165830	C-40A	VR-59	CNV4061				
164762/JW	C-130T	VR-62	CNV6508				
168998/LD	P-8A	VP-10	10 Lancer25				
10.4189	C-130E	6sq/21sq	11 PAAF035				
78-0621/FT	A-10C	23rd Wg	12 Tabor72				
78-0642/FT	A-10C	23rd Wg	12 Tabor76				
79-0223/FT	A-10C	23rd Wg	12 Tabor74				
80-0188/FT	A-10C	23rd Wg	12 Tabor73				
80-0223/FT	A-10C	23rd Wg	12 Tabor71				
80-0256/FT	A-10C	23rd Wg	12 Tabor75				
79-0434	KC-10A	305th AMW	12 Blue21				
07-7186	C-17A	437th AW	RCH379				
60-0324/D	KC-135R	351st ARS	12 Blue22				
62-3540/D	KC-135R	351st ARS	Blue32				
169349/LD +1	P-8A	VP-10	12				
11.11-3097	C-146A	524th SOS	12 RCH1050				
165378/JW	C-130T	VR-62	12 CNV3622				
164762/JW	C-130T	VR-62	12 CNV3602				
12.1285/SU-BAR	C-130H	4sq/16sq	13 EGY1115				
88-1307	AC-130W	16th SOS	13 RCH1038				
60-0324/D	KC-135R	351st ARS	Blue22				

Credits: MAR, Scramble messageboard.

United Kingdom

Brize Norton			June 2020
01.102004/024	Tp102D	TSFE	SVF635
G-COBS	DA42M-NG	Thales	CLB570/100
02.253	CN235M-100	101sq	IRL253
ZE701	BAe146 CC2	32(TR)sq	NOH14
ZM337	Phenom T1	45sq	* CWL40
G-COBS	DA42M-NG	Thales	CLB570/100
03.ZZ391	Wildcat AH1	659sq	* Valiant62
57-2605/D	KC-135R	351st ARS	Quid868
G-CGKH	Tutor T1	nn	* Uniform01
04.ZE701	BAe146 CC2	32(TR)sq	RRR1457
ZA680	Chinook HC6A	28sq	* SHF252
05.ZJ224	Apache AH1	3/4Regt	
ZK561	Chinook HC6	nn	in by road
08.253	CN235M-100	101sq	IRL252
ZE708	BAe146 C3	32(TR)sq	NOH14
G-ETPM	DA42M-NG	QinetiQ	* Gauntlet22
09.ZZ511	Wildcat AH1	659sq	Valiant61
ZA704	Chinook HC6A	27sq	* SHF466
ZJ128/M	Merlin HC4	846NAS	* Victor558
10.ZA684	Chinook HC6A	7sq	out by road
11.ZJ129/N	Merlin HC4	845NAS	Gauntlet67



NH90-TTH 78*21 seen here at Donauwörth, prior to a test flight. (26 June 2020, Wim Sonneveld)

30.ZZ388 Wildcat AH1 661sq Carbon10
Credits: MAR, Scramble messageboard.
 Fairford June 2020
 09.59-1513 KC-135T 351st ARS * Quid88
 19.63-8878 KC-135R 351st ARS * Quid875
 22.84-0126 C-21A 76th AS Evac10E4
 26.N88 CL-604 FAA * Flightcheck88
 29.98-0054 C-17A 437th AW RCH1815
 N88 CL-604 FAA Flightcheck88

Credits: MAR, Scramble messageboard.

Farnborough May 2020
 11.ZH834 Merlin HM2 824NAS Excalibur87
 15.A9C-BHR G450 Gvmt of Bahrain BAH4
 17.A9C-BHR G450 Gvmt of Bahraint BAH4
 A6-SHJ A320CJ Gvmt of Sharjah 22 SJH01
 20.ZZ523 Wildcat AH1 661sq Carbon09

June 2020
 05.02 C-17A HAW Bartok26
 08.02 C-17A HAW Bartok27
 18.A9C-BAH G650 Gvmt of Bahrain BAH6
 19.02 C-17A HAW Bartok98
 22.02 C-17A HAW Bartok98
 25.01 C-17A HAW Bartok98
 29.01 C-17A HAW Bartok98

Credits: MAR, Scramble messageboard.

Lakenheath June 2020
 02.84-0061 C-5M 436th AW dep RCH560
 03.84-0061 C-5M 436th AW RCH560/704
 10.ZH896 Chinook HC6A 28sq SHF263
 09-6207 MC-130J 67th SOS * Strix67
 17.ZK556 Chinook HC6 7sq SHF517
 20.84-0087 C-21A 76th AS Falcon35
 26.N88 CL-604 FAA * Flightcheck88
 29.N88 CL-604 FAA * Flightcheck88

Credits: MAR, Scramble messageboard.

Mildenhall June 2020
 01.ZZ176/176 C-17A 99sq * RRR815
 60-0315 KC-135R 126th ARS WI ANG 02 RCH886
 59-1486 KC-135R 92nd/141st ARW 02 RCH778
 64-14837 KC-135R 92nd/141st ARW dep RCH265
 02.ZZ176/176 C-17A 99sq * RRR829
 79-0434 KC-10A 305th AMW dep Roma02
 62-3541 KC-135R 92nd/141st ARW 04 RCH778
 62-4125/OF RC-135W 55thWg arr Hoover55
 07-8608/RS C-130J-30 37th AS Herky704
 03.ZM333 Phenom T1 45(R)sq * CWL47
 ZM336 Phenom T1 45(R)sq CWL37
 08-3176 C-130J-30 37th AS dep Herky855
 16-5840/RS C-130J-30 37th AS Herky702
 04.60-0334 KC-135R 168th ARS AK ANG 05 RCH224
 86-0159/LN F-15C 493rd FS 09 Conan03/Gator01-04
 86-0164/LN F-15C 493rd FS 09 Conan02/Gator01-04
 84-0044/LN F-15D 493rd FS 09 Conan01/Gator01-04
 84-0046/LN F-15D 493rd FS 09 Conan04/Gator01-04
 05.ZZ174/174 C-17A 99sq * RRR816
 59-1523 KC-135T 171st ARW PA ANG 06 RCH878
 62-3578 KC-135R 141st ARS NJ ANG 06 RCH626
 64-14841/OF RC-135V 55th Wg 06 Olive55
 900530 C-26D AOD Sigonella CNV6404
 164762 C-130T VR-62 06 CNV6505
 06.62-3507 KC-135R 336th ARS AFRC 07 RCH893
 07.64-14848/OF RC-135V 55th Wg 08 Olive56
 08.ZZ173/173 C-17A 99sq * RRR815
 165159 C-130T VR-54 09 CNV3123
 09.ZJ198 Apache AH1 3/4 Regt * Viper1
 ZJ218 Apache AH1 3/4 Regt * Viper2
 ZA710 Chinook HC6A 7sq 11 SHF505
 ZK556 Chinook HC6 7sq SHF517
 10.ZZ175/175 C-17A 99sq * RRR820
 ZH872/872 Hercules C4 24/47sq * RRR131
 93-0601 C-17A 758th AS AFRC RCH984
 84-0001/LN F-15C 493rd FS Rambo02
 86-0156/LN F-15C 493rd FS Rambo01

86-0164/LN F-15C 493rd FS Bullet04
 86-0165/LN F-15C 493rd FS Rambo03
 86-0172/LN F-15C 493rd FS Rambo04
 86-0174/LN F-15C 493rd FS Bullet03
 84-0044/LN F-15D 493rd FS Bullet01
 91-0312/LN F-15E 494th FS Claw22
 91-0316/LN F-15E 494th FS Panther41
 91-0602/LN F-15E 494th FS Claw21
 96-0205/LN F-15E 492nd FS Claw23
 00-3001/LN F-15E 494th FS Panther42
 00-3002/LN F-15E 494th FS Panther43
 91-0314/LN F-15E 494th FS Claw24
 13.58-0106 KC-135R 106th ARS AL ANG 14 RCH870
 57-1453 KC-135R 106th ARS AL ANG 14 RCH144
 14.84-0192 KC-10A 305th AMW 17 RCH022
 85-0027 KC-10A 305th AMW 17 RCH021
 85-0028 KC-10A 305th AMW 16 RCH023
 14.61-0276 KC-135R 173rd ARS NE ANG 15 RCH880
 62-3526 KC-1355R 173rd ARS NE ANG 15 RCH883
 15.59-1470 KC-135T 6th ARW 16 RCH702
 16.ZM337 Phenom T1 45(R)sq * CWL31
 63-8024 KC-135R 336th ARS AFRC 17 RCH879
 59-1448 KC-135R 153rd ARS MS ANG 17 RCH877
 17.58-0067 KC-135R 174th ARS IA ANG 18 RCH857
 57-1461 KC-135R 173rd ARS NE ANG 18 RCH878
 59-1470 KC-135T 6th ARW 18 RCH702
 18.87-0120 KC-10A 305th AMW 19 Blue31
 19.910502 C-26D AOD Naples CNV6219
 21.900530 C-26D AOD Sigonella 22 CNV6421
 22.ZZ172 C-17A 99sq * RRR818
 87-0120 KC-10A 305th AMW 23 Blue48
 23.05-0932 C-40C 173rd AS AFRC Spar14
 59-1474 KC-135T 171st ARS MI ANG RCH149
 63-8025 KC-135R 92nd/141st ARW RCH803
 25.ZH106/06 Sentry AEW1 8/23sq * NATO32
 04-4134 C-17A 305th AMW RCH408
 10-0215 C-17A 437th AW 26 RCH500
 02-0042 C-40B 1st AS 26 SAM960
 900531 C-26D AOD Naples CNV6124
 N88 CL-604 FAA 29 Flightcheck88
 26.07-7170 C-17A 436th AW 27 RCH416
 62-4132/OF RC-135W 55th Wg 27 Olive55
 27.64-14846/OF RC-135V 55th Wg 30 Olive56
 28.165313 C-130T VR-53 29 CNV6528
 29.166694 C-40A VR-59 CNV6628
 07-8609/RS C-130J-30 37th AS Herky706
 165313 C-130T VR-53 02 CNV6528

Credits: MAR, Scramble messageboard.

Northolt June 2020
 03.ZZ391 Wildcat AH1 659sq Valiant62
 12.86/F-RAFB Falcon 7X ET00.060 CTM0014
 253 CN235M-100 101sq IRL252
 18.68/F-RAFA Falcon 7X ET00.060 CTM0007
 86/F-RAFB Falcon 7X ET00.060 CTM0015
 24.ZH837 Merlin HM2 820NAS Dolphin11
 27.ZH888/888 Hercules C4 24/47sq RRR5502

Credits: MAR, Scramble messageboard.

Prestwick June 2020
 01.15003 CC-150 437sq CFC4191
 ZM400/400 Atlas C1 24/70sq * RRR489/490
 ZM419/419 Atlas C1 24/70sq * RRR461
 01-0189 C-17A 155th AS TN ANG RCH171
 02.177701 CC-177 429sq 03 CFC4002
 ZM400/400 Atlas C1 24/70sq * RRR462
 ZK037/FM Hawk T2 25sq * VYT26
 02-1464 C-130J-30 115th AS CA ANG 03 RCH260
 16-6714 UC-35D USMC VM714
 03.KAF342 C-17A 41sq 04 KAF3212
 ZM400/400 Atlas C1 24/70sq * Comet453
 ZM415/415 Atlas C1 24/70sq * RRR464
 ZK028/FD Hawk T2 25sq * VYT17
 ZH865 Hercules C4 24/47sq * Comet107
 ZZ504 Shadow R1 14sq * Vulcan54
 04.ZK035/FK Hawk T2 25sq VYT31
 ZZ343 Voyager KC2 10/101sq 2x RRR2610/2811

05.177701	CC-177	429sq	06 CFC4012	22.14+02	Global 5000	FBS BMVg	* GAF686
KAF343	C-17A	41sq	07 KAF3230	900530	C-26D	AOD Sigonella	CNV6421
ZM417/417	Atlas C1	24/47sq	* Comet460	24.130605	CC-130J-30	436sq	26 CFC2540
06.ZH003	Defender R1	651sq	* AAC523	144617	CC-144C	412sq	CFC3060
177701	CC-177	429sq	07 CFC4012	25.KAF343	C-17A	41sq	27 KAF3201
00-0171/AK	C-17A	144th AS AK ANG	RCH731	63-13186	C-130E	222Filo	26 TUAFA403
07.ZM407/407	Atlas C1	24/70sq	* RRR466	ZZ335	Voyager KC3	10/101sq	RRR2868/69
08.177701	CC-177	429sq	09 CFC4012	90-1793	C-130H	180th AS MO ANG	26 RCH193
ZM419/419	Atlas C1	24/70sq	* Comet454	90-1794	C-130H	180th AS MO ANG	26 RCH802
ZG996	Defender R2	651sq	* AAC524	90-1797	C-130H	180th AS MO ANG	26 RCH629
ZH845	Merlin HM2	814NAS	arr Tiger63	91-1232	C-130H	165th AS KY ANG	27 RCH701
09.177701	CC-177	429sq	10 CFC4012	91-1233	C-130H	165th AS KY ANG	27 RCH212
10.KAF342	C-17A	41sq	11 KAF3227	91-1234	C-130H	165th AS KY ANG	27 RCH464
ZM413/413	Atlas C1	24/70sq	Comet456	96-00111	UC-35A	C/52nd AVN	Wing13
ZK427	Typhoon FGR4	29sq	* Cobra21	29.253	CN235M-100	101sq	IRL253
ZK429	Typhoon FGR4	29sq	* Cobra21	ZG998	Defender R2	651sq	* AAC526
98-0051/AK	C-17A	144th AS AK ANG	RCH240	95-0104	C-17A	155th AS TN ANG	RCH302
11.ZM416/416	Atlas C1	24/70sq	* RRR485	84-0120	C-21A	458th AS	01 RCH795
ZM419/419	Atlas C1	24/70sq	* Comet457	91-1232	C-130H	165th AS KY ANG	30 RCH701
ZE707	BAe146 C3	32(TR)sq	NOH99	30.KAF343	C-17A	41sq	01 KAF3201
ZP801/01	Poseidon MRA1	120sq	* Stingray02	63-13186	C-130E	222Filo	02 TUAFA403
ZZ331	Voyager KC2	10/101sq	2x RRR2830/31	61-0315/D	KC-135R	351st ARS	* Quid906
06-0500	C-37B	99th AS	SAM824	96-00108	UC-35A	C/52nd AVN	01 PAT367A
12.ZM413/413	Atlas C1	24/70sq	* RRR468				
ZM417/417	Atlas C1	24/70sq	* Comet459				
ZK012/C	Hawk T2	4sq	* VYT20				
168204	UC-12W	VMR-4	13 Atila04				
14.177701	CC-177	429sq	15 CFC4011				
KAF342	C-17A	41sq	15 KAF3227				
16.177704	CC-177	429sq	18 CFC4004				
ZM417/417	Atlas C1	24/70sq	* Comet452				
ZZ338	Voyager KC3	10/101sq	RRR2842/43				
18.ZM404/404	Atlas C1	24/70sq	* RRR488/489				
ZZ177/177	C-17A	99sq	RRR829				
ZZ331	Voyager KC2	10/101sq	RRR2850/51				
ZZ332	Voyager KC3	10/101sq	RRR2852/53				
09-6207	MC-130J	67th SOS	* Strix67				
57-2605	KC-135R	351st ARS	* Quid881				
63-8878	KC-135R	351st ARS	* Quid882				
19.ZG996	Defender R2	651sq	* AAC528				
20.177704	CC-177	429sq	22 CFC4004				

Credits: MAR, Scramble messageboard.

Waddington

01.ZK554	Chinook HC6	7sq	June 2020
02.ZJ120/D	Merlin HC4	845NAS	SHF397
03.ZK554	Chinook HC6	7sq	Junglie450
04.ZK554	Chinook HC6	7sq	SHF397
09.ZH857	Merlin HM2	820NAS	Dolphin41
15.ZZ191	Hunter F58	HHA	* Scampton33
XE688	Hunter T72	HHA	* Scampton33
24.ZJ198	Apache AH1	3/4Regt	Viper1
ZJ218	Apache AH1	3/4Regt	Viper2
25.ZH900	Chinook HC5	27sq	SHF464

Credits: MAR, Scramble messageboard.



During the COVID-19 crisis more and more airshows and military exercises have been cancelled. Despite this, the 3rd Combat Aviation Brigade (CAB) started their redeployment from Germany via Eindhoven and Rotterdam back to CONUS in July 2020. For this reason a lot of military aviation enthusiasts planned a spotting trip to Eindhoven and/or Rotterdam to photograph the 70+ US Army helicopters. This CH-47F 14-08461 had been photographed during one of the several arrivals at Eindhoven air base. (3 July 2020, Jonathan Verschuuren)

www.facebook.com/Scramblemagazine



The former CargoLogicAir B747 freighter G-CLAE (msn 35170) was delivered to Cargolux on Valentine's Day 2020 (14 February for the less romantic inclined), in a basic AirBridge/CargoLogicAir colour scheme. Since Cargolux was founded 50 years ago and the current trend in aviation is retro aircraft, they decided to repaint the Boeing in a 1970s colour scheme. This scheme is more white than their current aircraft but we still approve of the colours! (Shannon, 14 July 2020, Malcolm Nason)

Airliner News

Europe

The Netherlands

KLM has announced that they are planning to really phase-out the last three remaining passenger B747-400s from service at the end of October. The aircraft (PH-BFT/V/W) were brought out of retirement to cope with the increased cargo-capacity demand due to the COVID-19-pandemic, but KLM now thinks they are able to carry this cargo in the hold of their B777s and B787s.

Denmark

Jet Time has fired up to 90% of all of its staff and closed down its subsidiary in Finland as the airline struggles to survive due to the Corona-pandemic. The airline also returned most of their leased fleet, which consisted of three B737-700 (one with their Finnish subsidiary) and six B737-800s. Jet Time was founded in 2006 and operated charter flights as well as ACMI-flights for other airlines like SAS.

France

On 26 June, Air France said goodbye to the Airbus A380. To commemorate the occasion the airline took F-HPJH on a two-hour flight over France. The tenure of the A380 with Air France lasted for eleven years, as the first plane was delivered in 2009.

The International Airline Group has decided to close-down the lossmaking French-unit of LEVEL, which was based at Paris-Orly. The unit was established in 2018 as the successor of OpenSkies and operated three A330-200s. After the earlier closure of the Austrian-branch, LEVEL now only consists of the Barcelona-based unit, which flies with four A330-200s.

Iceland

Air Atlanta Icelandic has decided to pause plans to add two A330-200s and three B777s to its fleet for use in ACMI-operations, as the worldwide demand on passenger seats is very low. However, the airline did decide to give its cargo operations a boost by adding two more B747-400Fs.

Ireland

Lessor Avolon has decided to cancel another 27 B737MAXs they had on order. Earlier this year they already scrapped 75 orders for the MAX. Avolon now holds 37 commitments for

the MAX and owns nine MAXs that have already been delivered to various customers.

Luxembourg

The latest addition to the fleet of Cargolux, B747-400F LX-NCV has been painted in a retro-livery. So, something to look out for.

Norway

Norwegian has announced that it has issued a notice to Boeing to terminate their remaining order for five B787-9s and 92 B737MAXs. The airline will also file a claim for compensation and return of their pre-delivery payments due to the grounding and delays of their B737MAXs and for the engine issues troubling the B787s. Norwegian issued the termination as negotiations with Boeing about compensation hasn't led to a positive result.

Portugal

The government of Portugal is increasing its ownership of TAP Air Portugal from 50% to 72.5% by taking-over the 22.5% shares currently being held by David Neeleman. The move is part of a 1.2 billion euros loan to the airline in order to save the company from collapse. Portugal is taking this measure and regain majority control over TAP as it deems the airline vital to the country's tourism industry. The government, however, did say they will be looking to international partners to run the airline and eventually sell it again. Due to current low demand for flights, TAP will not extend leases on six aircraft; three Airbus A319s, one A320, one A321 and one Embraer E190 are leaving the fleet when their leases expire later this year. More fleet-reduction might follow.

Russia

The Aeroflot Group has announced a major restructuring and repositioning of the airlines in the group. Aeroflot will be positioned as the main long-haul carrier and will also focus on the so-called premium medium-haul routes like London and Paris. The airline will standardize its fleet around the A320-family, A330 and A350, complemented with the B777-300ERs. Pobeda is to focus on handling all medium- and non-premium routes and will continue to operate as an LCC. Their current fleet of 32 B737-800s will be expanded with the 48 B737-800s from Aeroflot in the coming months. Rossiya

Airlines will be the airline in the group that takes on the Russian built aircraft. The fleet will transform into a 250-aircraft strong fleet consisting of 235 SSJs and MC-21s as well as fifteen A320s. The shares of the Group in Aurora are expected to be sold in favour of an expanded Rossiya Airlines.

Switzerland

Helvetic Airways has decided to upgrade four of its seven remaining E190-E2s to larger E195-E2s. All seven aircraft are scheduled to be delivered next year. The airline currently has five E190-E2s in its fleet and is gradually resuming flights after the COVID 19-pandemic.

United Kingdom

Blue Islands has relaunched itself with a new corporate identity, including a new livery and new routes and ambitious plans to replace some gaps that flyBe left behind. A first ATR72 (G-ISLK) has been painted in the new colours.

As part of its post-COVID 19 strategy, British Airways has announced they are retiring their 28-strong B747-400 fleet with immediate effect. Originally the airline was planning to phase-out the type in 2024. British Airways has been operating the B747 since 1974 and has operated 101 of them. The airline also introduced a new type to the fleet, with the arrival of their first two of twelve B787-10s early July. With this, BA is one of the three airlines (next to All Nippon Airways and United) in the world to operate all versions of the B787.

Africa

Morocco

Royal Air Maroc has announced that the airline is planning to lay-off almost 900 employees as well as reducing their current fleet of around 60 planes with a third by selling 20 aircraft. Slated to be sold will be their complete fleet of four E190s, as well as twelve B737s and four B787-8s. Once sold, RAM's fleet will consist of six ATR72s, 25 B737-800s, two B737-8s, one B787-8 and four B787-9s. RAM is taking these steps as it's fighting the effects of the Corona-pandemic which has resulted in the airline losing up to 100 million euros every month.

South Africa

South African Airways is returning more and more aircraft to their lessors, including the A330 and A340s. But, now also two of their four leased A350-900s have left the fleet. ZS-SDC and -SDD have both been ferried to Teruel in Spain, where they have become the first A350s in long-term storage.

Asia

China

Lessor BOC Aviation has decided to cancel 30 B737MAXs. This brings their backlog back to 59. The company also decided

to defer several deliveries of the type but hasn't given any further details about the new timelines.

In the court case between Volga-Dnepr Group and Boeing it became clear that the manufacturer already had sold the two B777Fs to a new airline as part of a deal for additional B787s and quite possible B777Xs. There was a lot of speculation which airline that could be and EVA Air was the front-runner. But all speculation ended as one of the two B777Fs originally destined for Volga-Dnepr (c/n 66623) has surfaced in the livery of China Cargo Airlines, a subsidiary of China Eastern Airlines. If this means an order by this airline for more B787s and B777Xs is indeed to follow soon is unknown at this moment.

Hong Kong

Reuters is reported that Cathay Pacific is planning to put up to 50 widebody-aircraft into long-term storage in a desert. The aircraft involved can be planes from all airlines in the Cathay Group, including Cathay Dragon. The airline also didn't rule out that several of these 50 planes might be permanently retired. Currently large part of the Group's 236-strong fleet is parked in the humid climate at Hong Kong International Airport, so moving some aircraft to a better climate makes sense. The airline also reached an agreement with Airbus to defer the delivery of twelve A350s and 32 A321neos. The A350s will now be delivered between 2020 and 2023 (was 2020-2021) and the A321neos between 2020 and 2025 (was 2020-2023). Cathay is also discussing with Boeing about deferring deliveries of their 21 B777-9s it has on order.

Pakistan

The EASA has, as of 1 July, decided to ban Pakistan International Airlines from flying to Europe for a period of six months. The measure comes after a Pakistani government investigation found that 262 pilots in Pakistan had fake pilot licenses. 141 of them flew for the airline. PIA plans to appeal the decision by the EASA and hopes to be able to resume their flights to Europe soon.

Singapore

As a result of the much lower seat demand, Jetstar Asia has decided to shrink its fleet and its workforce. Up to 180 co-workers will be laid off and five of the 18 A320s will leave the fleet.

South Korea

ATR announced that they sold two ATR72-500s from its asset portfolio to Hi Air. These two planes will double the airline's fleet to four ATR72s. The South Korean start-up carrier commenced operations in December last year and is expecting the duo in August and October.



On 15 July, the newest 'bizjet' for the Saudi Ministry of Finance & Economy was delivered to Jeddah from Forth Worth Alliance Airport (TX). The aircraft involved is B777-300ER HZ-MF9, which has msn 61518 and l/n 1271. It has already been in Texas for quite a few years for cabin outfitting, modifications and painting. (Sebastian Does)



Delivered on 10 July, this brand new MEA – Middle East Airlines A321neo T7-MEI (the first of an order of fifteen) was seen landing at Brussels-Zaventem on 18 July by Paul Sanders. Be careful when you read the registration though as it might look like MEI (as in India at the end), but it is in fact number 1! MEA took this opportunity to introduce a new colour scheme, which we think looks pretty cool.

Thailand

NokScoot has announced that they plan to liquidate itself as the airline can't recover from the effects of the Corona-crisis. The airline, a joint-venture between Nok Air (51%) and Singapore Airlines (49%), was established in 2014 and operated a fleet of seven B777-200ERs, all leased from Singapore Airlines.

Latin America

Antigua

The Prime Minister of Antigua and Barbuda has announced that LIAT is going to be liquidated. The airline has been in bad financial shape for a while, but not being able to operate due to the outbreak of COVID-19 proved to be the final straw. LIAT, which is originally short for Leeward Island Air Transport, was founded in 1956 and currently has a fleet of five ATR42s and five ATR72s. As air transport is vital for the islands, the Prime Minister is hoping a new LIAT 2.0 can be formed later on.

Middle East

Lebanon

MEA has taken delivery of their first of fifteen A321neos. The aircraft arrived at Beirut on 10 July and is the first plane carrying the airline's new livery. So far it has been deployed from Beirut to Brussels, Paris-Charles de Gaulle, Jeddah, Riyadh and Istanbul.

North America

Canada

Nolinor Aviation has announced a new subsidiary named OWG. The new airline is planning to operate three B737-400s on regular flights to "tropical destinations". OWG stands for "Off We Go" and they plan to launch operations on 1 September, using Nolinor's AOC.

Mexico

As part of its restructuring under Chapter 11 bankruptcy protection, Aeromexico has filed plans outlining it seeks to immediately terminate the leases of nineteen aircraft between now and 15 July. The planes involved are all nine E170s of Aeromexico Connect, five B737-700s and five B737-800s from the mainline-fleet. Aeromexico currently has a fleet of 68 aircraft and Aeromexico Connect has 56.

Viva Aerobus took delivery of their first of 41 Airbus A321neos. The aircraft is registered XA-VBA. The airline, which has its main hub at Monterrey, was founded in 2006 and already operates 37 A320s.

United States of America

In a filing to the Department of Transportation, Breeze Airways says it entered into an agreement with Compass Airlines to take over the airline's interstate scheduled air license. The acquisition is an effort of Breeze to accelerate the possibility to launch operations. Compass Airlines was a production carrier operating E175s for other US airlines but closed down after it lost its largest contract with Delta Air Lines. Breeze plans to start charter operations in December this year and move to scheduled operations in May 2021. The airline decided not to move forward to lease 28 E195s from Azul Linhas Aéreas Brasileiras. Instead, it signed a lease agreement with lessor Nordic Aviation Capital to lease fifteen E190s. Breeze also has orders for A220-300s, of which the first aircraft is expected to arrive in September next year.

It seems Miami Air International is set to return to the skies as the owner of World Atlantic Airlines has bought the defunct company. The plan is to revive the airline and have it operate a fleet of up to six leased B737-800s. So far there is no plan to merge Miami Air International and World Atlantic, which has a fleet of eight MD-83s.

Oceania

Australia

Qantas has said goodbye to the B747 in their fleet. On 22 July the airline flew their last B747-400, VH-OEJ, from Sydney to Los Angeles (CA) and by the time you read this it will have been ferried to Mojave (CA). In the week prior to 22 July, the aircraft carried out three goodbye flights from Brisbane, Canberra and Sydney and on the day of the send-off it flew a large Qantas kangaroo-drawing route above the coast near Sydney. As a follow-up on our news about Qantas from last month, we can now report that their A380s are being parked at Victorville (CA) instead of Mojave (CA).

Bain Capital is the new owner of Virgin Australia. The new owner will bring the airline out of administration in the coming weeks and focus on domestic and regional operations. Overall, up to 5,000 co-workers will need to leave the airline. For us aviation enthusiasts it is good to know that they plan to standardize the fleet around 60 B737-800s, meaning they will phase-out fourteen ATR72s, two A320s, six A330-200s, two B737-700s, five B777-300ERs and their fourteen Fokker 100s.

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 2020 firm orders

AerCap	25	A320neo
	25	A321neo
Air France	10	A350-900
Air Lease Corporation	50	A220-300
	52	A321neo
	1	A350-900
Air Senegal	8	A220-300
Avolon	8	A320neo
	1	A321neo
BOC Aviation	20	A320neo
CALC	40	A321neo
Cebu Aviation	5	A320neo
	10	A321neo
Spirit Airlines	47	A319neo
	33	A320neo
	20	A321neo
Unidentified	10	A350-900
Total	365	

Boeing 2020 firm orders

Air Lease Corporation	3	B787-9
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All Nippon Airways	1	B787-9
	11	B787-10
FedEx	4	B767-300F (+1)
Oman Air	4	B787-9
Republic of Korea Air Force	6	P-8A
Royal New Zealand Air Force	4	P-8A
Unidentified	5	B767-300F
	2	B777F
	3	B787-9
UPS	1	B747-8F
US Navy	8	P-8A
	7	B787-10
Total	59	(+1)

ATR 2020 firm orders

Lessor Aviation	2	ATR72-600
PNG Air	3	ATR42-600S
Total	5	

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

Jetliners



While the current Beluga's are still doing a fine job, Airbus decided to upgrade the fleet with the Beluga XL. This Beluga XL is based on the Airbus A330 and has been given the nickname Whale (the translation of Beluga), which shows in the markings on the aircraft. F-GXLH/XL2 has been operational since early this year. (Toulouse-Blagnac, 19 February 2020, Josef Gietl)

A319	-111	2446	XY-ALN	Myanmar Airways International, ex VP-BDZ of I Fly. Delivered in June.
	-111	2827	G-EZAY	easyJet, ex OE-LKH of easyJet Europe. Transferred on 16 July.
	-111	2870	EC-NHP	Volotea Air, ex OE-IIN of Stellar Aircraft Trading. Delivered on 1 July. Former F-HBAL of Aigle Azur.
A320	-232	1407	EI-EUE	AerCap, ex SX-ORG of Orange2fly. Registered on behalf of the lessor in July. Aircraft has been in storage at Shannon since 01 July.
	-232	1979	EI-EUK	AerCap, ex SX-KAT of Orange2fly. Registered on behalf of the lessor in July. Aircraft has been in storage at Shannon since 01 July.
	-232	2724	OE-IOK	Bank Of America, ex SX-ODS of Orange2fly. Registered in the US on 22 March.
	-232	4493	ER-	Hi Sky Moldova, ex OE-IEV of ALC - Air Lease Corporation. Delivered on 26 June. Former EI-LIN of Ernest Airlines.
	-214	5017	A6-AUA	Air Arabia Abu Dhabi, ex A6-ANI of Air Arabia. Transferred early July.
	-214	5423	A6-AUB	Air Arabia Abu Dhabi, ex A6-ANN of Air Arabia. Transferred early July.
	-251N	9520	SE-RUA	SAS Scandinavian Airlines. Delivered on 26 June. Test registration was D-AXAC.
	-251N	10013	SU-GFN	EgyptAir. Delivered on 1 July. Test registration was F-WWDQ.
	-251N	10039	SU-GFO	EgyptAir. Delivered on 7 July. Test registration was F-WWDN.
	-271N	10046	HA-LJE	Wizz Air. Delivered on 27 June. Test registration was F-WWIN.
	-251N	10053	G-UZLM	easyJet. Delivered on 2 July. Test registration was F-WWDK.
A321	-231	5606	N902JT	jetBlue Airways, ex G-TCVB of Thomas Cook Airlines. Delivered on 16 July.
	-211	6038	OE-IOV	ALC - Air Lease Corporation, ex G-TCDD of Thomas Cook Airlines. Registered in Austria on behalf of the lessor on 23 June. Aircraft has been placed in storage since October at Glasgow, Shannon, Larnaca, Ostrava, Manchester and since 2 May Shannon again. Aircraft was planned to go to Jet2 as G-HYLA if that will happen has become very unclear due to the COVID-19 crisis.
	-211	6122	OE-IOW	ALC - Air Lease Corporation, ex G-TCDG of Thomas Cook Airlines. Registered in Austria on behalf of the lessor on 23 June. Has been placed in storage since September at Glasgow, Shannon, Chicago-Rockford (IL) and since 2 February 2020 at Lake City (FL). Aircraft was planned to go to Jet2 as



Probably one of the most stunning Dutch bizjets is Legacy 600 PH-JRC. It was entered into the Dutch register on 5 March and is operated by JetNetherlands on behalf of Joraco, a real estate company. (Antwerp, 3 July 2020, Jonas Evrard)

	-251NX	9120	CS-TXE	G-HYLC if that will happen has become very unclear due to the COVID-19 crisis.
	-271NX	9157	TC-LSS	TAP Air Portugal. Delivered on 20 July. Test registration was D-AVZH.
	-271NX	9278	C-GOIJ	Turkish Airlines. Delivered on 1 July. Test registration was D-AZAE
	-271NX	9326	TC-LST	Air Transat. Delivered on 17 July. Test registration was D-AYAJ.
	-271NX	9333	HA-LVI	Turkish Airlines. Delivered on 1 July. Test registration was D-AVZI.
	-271NX	9377	N2048J	Wizz Air. Delivered on 1 July. Test registration was D-AVYJ.
	-271N	9379	HB-JDB	jetBlue Airways. Delivered on 7 July. Test registration was D-AZAF.
	-271NX	9419	C-GOIK	Swiss. Delivered on 1 July. Test registration was D-AUAO.
	-271NX	9427	T7-ME1	Air Transat. Delivered on 30 June. Test registration was D-AVXF.
	-251NX	9462	TC-RBE	MEA - Middle East Airlines. Delivered on 10 July. Test registration was D-AVXK.
	-251NX	9478	EC-NGP	Pegasus Airlines. Delivered on 24 June. Test registration was D-AZAW of Airbus.
	-271NX	9492	C-GOIO	Iberia Express. Delivered on 26 June. Test registration was D-AVXZ.
	-251NX	9571	EC-NIA	Air Transat. Delivered on 18 July. Test registration was D-AVYK.
A330	-343E	935	EC-NHM	Iberia Express. Delivered on 9 July. Test registration was D-AYAL.
	-243	992	EC-MAJ	Wamos Air, ex B-6111 of China Southern Airlines. Delivered on 3 June. Registered in between as OE-IEA from GY aviation Lease.
	-343E	1103	F-HROK	Wamos Air, ex Air Europa. Delivered on 17 July.
	-343E	1357	D-AAAN	Corsair, ex VQ-BEL of Aeroflot. Delivered on 17 July.
A350	-941	418	SE-RSD	GOAL - German Operating Aircraft Leasing, ex N803AV of AVIANCA. Registered in Germany on behalf of the lessor on 29 June. Aircraft was ferried to Hamburg for storage on 25 June.
	-941	422	F-HTYF	SAS Scandinavian Airlines. Delivered on 1 July. Test registration was F-WZFM.
B737	-436SF	25267	N405YK	Air France. Delivered on 10 July. Test registration was F-WZNB.
	-8FH	35101	YR-BMQ	Northern Air Cargo, ex G-NPTY of West Atlantic. Delivered on 12 July.
	-8LJ	41227	VP-BGQ	Blue Air, ex B-5359 of Hainan Airlines. Delivered on 1 July.
	-800	41238	VP-BOD	Pobeda, ex Rossiya - Russian Airlines. Transferred on 23 July.
	-800	41244	VP-BOH	Pobeda, ex Rossiya - Russian Airlines. Transferred on 21 July.
	-85R	42804	9H-CXA	Pobeda, ex Rossiya - Russian Airlines. Transferred on 22 July.
B747	-409BDSF	24311	9U-BBA	Corendon Airlines Europe, ex OE-IGF of Wilmington Trust SP Services (Dublin) Ltd. Delivered on 14 July.
	-467F	27503	VQ-BWS	Sky KG Airlines, ex OM-ACG of ACG Air Cargo Global. Delivered on 13 June.
	-8F	65785	N621UP	Longtail Aviation, ex N875KW of Jet Midwest. Delivered early July. Former LX-FCL of Cargolux.
B757	-223PCF	25297	SX-APX	UPS - United Parcel Service. Delivered on 22 June. Line # 1559.
	-223SF	27051	VQ-BGG	Olympus Airways, ex N663AM of Bank of Utah. Delivered on 28 June as N663AM.
	-3E7	30178	UR-AZP	Aviastar-TU, ex N699AN of Texas Aviation Group LLC. Delivered on 20 July.
	-3CQ	32241	N786BC	Azur Air Ukraine, ex 4X-BAU of Arkia Israeli Airlines. Delivered on 10 July.
	-3CQ	32242	N788BC	BCC Equipment Leasing Corp., ex D-ABOP of Condor Flugdienst. Registered on 29 June, parked at Marana (AZ) per 19 June.
	-28A	33099	N202DP	BCC Equipment Leasing Corp., ex D-ABOR of Condor Flugdienst. Registered on 29 June, parked at Marana (AZ) per 19 June.
B767	-36NER	30847	2-POWD	Bank of Utah, ex G-OOBD of TUI Airways. Registered on 1 July. Parked at Goodyear (AZ) per 26 June. Destined for SF Airlines after freighter conversion.
	-300F	66250	N271FE	GECAS - General Electric Capital Aviation Services, ex G-POWD of Titan Airways. Registered on behalf of the lessor on 6 May. Aircraft will be delivered after freighter conversion to SF Airlines.
B777	-31HER	32790	OE-IHY	FedEx Express. Delivered on 30 June. Line # 1212.
	-F	66086	D-AALP	GECAS - General Electric Capital Aviation Services, ex A6-EBC of Emirates. Registered on behalf of the lessor on 6 July. Aircraft was destined to be placed on a new lease to Air Atlanta Icelandic, but that deal fell through. Aircraft was ferried to Sharjah for storage on 3 July.
B787	-10	60637	G-ZBLA	AeroLogic. Delivered on full DHL colour scheme on 20 July. Line # 1661.
	-10	60638	G-ZBLB	British Airways. BA's first 787-10 was delivered on 28 June. BA now operates all three versions of the Dreamliner. Line # 956.
	-9	64979	C-GMKS	British Airways. Delivered on 30 June. Line # 1006.
ERJ	190E2STD	19020031	HB-AZD	WestJet. Delivered on 30 June. Line # 1012.
	195E2STD	19020038	HB-AZE	Helvetic Airways. Delivered on 26 June.
				Helvetic Airways. Delivered on 1 July.

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



Former Malaysian Firefly ATR72 9M-FIG was only flown for that airline for less than a year, before it was put in storage at Kuala Lumpur in November 2016. Nordic Aviation Capital took over the ATR in November 2018 as 2-MFIG and flew it to Europe, where it ended up at Mönchengladbach, Germany. Ukrainian airline Windrose Airlines saw use for the French built turboprop and took over two examples. Seen here is 2-MFIG at Shannon on 29 June 2020 by Malcolm Nason, in the beautiful colours of Windrose, and has already been delivered as UR-RWB.

ATR42	-320F	066	HA-KAM	Fleet Air International, ex LZ-FAC of Fleet Air BG. Transferred on 9 June.
ATR72	-212A	822	D-ALBC	Lübeck Air, ex SE-MDB of BRA - Braathens Regional Airlines. Delivered on 21 July. Operated by Air Alsie.
	-212A	1178	UR-RWA	Windrose Airlines, ex 2-MFID of NAC Aviation 30 Ltd. Delivered on 25 June.
	-212A	1262	UR-RWB	Windrose Airlines, ex 2-MFIG of NAC Aviation 30 Ltd. Delivered on 15 July.

Propliners

Beech	C-45H	AF-602	TF-JFA	Akureyi Aviation Museum, was restored on the active register of Iceland in July 2020. Would be a great job by the museum to be able to reactivate this Twin Beech. We are looking for updates. This C-45 was a rebuild of AT-11 (cn 1286)
DHC	2T	1026	N620N	This floatequipped Turbo-Beaver did a geardown landing on Lake Washington near Seattle (WA) on 1 July 2020. Substantial damage occurred when it flipped over.
	2	1131	N2106K	Brooks Seaplane Service, collided with a Ce206 over lake Coeur D'Alene on 5 July 2020.
	2	1496	C-FBQY	Exported to USA on 20 July 2020, no new registration available yet.
Douglas	C-47B	26133	N211GB	American Flight Museum, was bought this DC-3 for preservation at their museum in Topeka (KS). This ex LCMCD DC-3 was bought together with N838M and placed at the Roasterie Coffee Company in Kansas City. N838M was placed on the rooftop and N211GB was to become a children playground. This project was abandoned, and this DC-3 went to Excelsior Springs.
	65TP	32644	N882TP	ABX, all white and no titles. Was ferried from Canada via Europe to Cairo Egypt, arriving there 20 July 2020. Will be based here for several months to carry out survey work.
	C-47B	32883	N2-90	HARS, ex Australian Navy was transported by road from Air Affairs at Yerrilyong near Nowra to HARS Albion Park and reassembled there in July 2020. It will be assessed to see if it can be fully restored to airworthy conditions, but will surely be repainted in Royal markings.
NAMC	YS-11A-607	2071	N775GS	Conquest Air Cargo, scrapped at Opa Locka 27/28 June 2020. The airplane never operated for Conquest, but did have their titles as well as still its old registration XA-UFJ visible during the scrapping. Conquest was planning on replacing or extending their fleet with two YS-11 that were acquired over the last 2 years. It looks like this plan has been abandoned.
Shorts	SC-7	SH1890	N161WW	WinWin Aviation exported to Canada per 2 July 2020, was already a well known jumpship in the Canadian jumping scene.

Credits: Aad van der Voet, Michael Prophet, Ruud Leeuw, AMCARUSA, online propliner and photo communities.

Fokker News

F27	-050	20250	5Y-WFC	Buff Air Services. Suffered a right main gear collapse during landing at the Bardere Airstrip in Somalia on 5 July, and received damage. See Dustpan & Brush for more details.
F28	-0100	11340	YR-FKA	Carpatair. Ferried 18 February to Saarbrücken as KRP5101, most like for storage.
	-0100	11478	VH-VKP	Alliance Airlines. Registration cancelled 3 June, as it is no longer in use as an aircraft. This ex-Helvetec Fokker 100 (HB-JVG) was stored at Brisbane and recently reduced to spare parts.
	-0070	11573	VH-NKZ	Alliance Airlines. Cancelled in June, and slowly being reduced to spare parts.

Credits: Merv Crowe, Skyliner.

Bizjets

BAe	125-900XP	HA-0182	SE-RLY	Grafair, ex YR-NAY. Registered on 29 June.
Beech	400XT	RK-279	N436FL	Ex G-FXKR of Flexjet Ltd. was recently sold to TVPX ARS Inc. in the US.
	400XT	RK-468	N467FL	Ex G-FXPR of Flexjet Ltd. was recently sold to TVPX ARS Inc. in the US.
Cessna	525	0519	D-IWUW	Noted Mönchengladbach on 12 August 2019.
	525	0659	D-IGVA	Luxaviation Germany, ex LX-FNA. Noted
	525	1004	LX-JDV	Flying Group Luxembourg, ex 9H-JDV. Noted at Antwerp on 29 June.
	525A	0164	F-HVLJ	VallJet, ex LX-JCT. Registered on 16 June.
	525A	0398	D-IEGA	DigaJet, ex LZ-FNB. Noted Mönchengladbach on 30 June.

	525C	0327	OE-GCL	Avcon Jet, registered in July.
	550	1092	YU-SEX	Air Pink, ex N92VR. Noted at Belgrade on 4 July.
	550	1136	YU-TUC	Air Pink, ex S5-BSA. Noted at Belgrade on 18 July.
	560XL	5769	TC-KAV	Noted at Lviv on 15 July, ex TC-DAG.
	680	0093	N680MB	Ironstate East West, re-registered from N136GM on 27 March.
	680	0124	N624SV	Textron Aviation, ex D-CHRE. Registered on 20 March.
	680	0292	N5346M	TLG Aviation, re-registered from N3608 on 21 April.
	680+	0564	ZS-KFS	Noted Johannesburg-Rand on 8 July, ex PH-MDG.
	680+	0593	N214JV	Vannoy Construction Aircraft, registered on 5 May.
	680A	0251	EC-NKH	Boluda, delivered on 3 July.
	700	0022	N800QS	NetJets, registered on 31 March.
	700	0025	N802QS	NetJets, registered on 31 March.
	700	0026	N803QS	NetJets, registered on 3 April.
	700	0027	N804QS	NetJets, registered on 3 April.
	750	0014	N478PJ	Air Reese, re-registered from N478PM on 22 April.
	750	0057	N121AT	Jea Media Luna Surface, re-registered from N74VF on 21 April.
	750	0147	N971JS	flyExclusive, re-registered from N147CX on 24 March.
	750+	0518	N478PT	Air Reese, ex C-FTLS. Registered on 13 March.
Challenger	300	20028	N819RS	Legacy Air, re-registered from N121LM on 24 March.
	300	20180	N316CS	Caroler 316, re-registered from N269MJ on 20 March.
	300	20193	N729JF	Juliet Foxtrot, re-registered from N794RC on 1 April.
	300	20402	N888KG	TM300, re-registered from N424AR on 17 March.
	300	20431	N345HG	Axios Aviation, re-registered from N10EH on 24 April.
	350	20548	N822LL	Palm Air Holdings, re-registered from N422CP on 29 April.
	350	20613	N680GM	Meg C. Whitman, re-registered from N378BA on 27 March.
	350	20701	N582FX	Flexjet, re-registered from N207BZ on 1 April.
	350	20786	N200MS	Bombardier Aerospace, ex C-GFLU. Registered on 30 March.
	350	20815	N756HA	Hamilton Aviation, re-registered from N350AQ on 1 April.
	350	20832	CS-CHJ	NetJets Europe, ex C-GOXD. Noted at Samedan on 15 February.
	350	20839	CS-CHK	NetJets Europe, ex C-GUGS. Noted at Nice on 28 May.
	350	20842	N708QS	Bombardier Aerospace, registered on 26 March.
	350	20846	N350ZB	Bombardier Aerospace, registered on 20 March.
	350	20847	N605HP	Bombardier Aerospace, registered on 25 March.
	601-3A	5013	N640AL	Jefferson N604AL, re-registered from N116LS on 21 April.
	601-3R	5139	T7-SFR	N639TS was cancelled to San Marino on 14 February and is now owned by Aviation One.
	604	5412	M-AFAC	FAl rent-a-jet, ex TS-IAM. Registered on 7 July.
	604	5649	T7-VIP1	Ex T7-EEA, first noted on 3 July.
	605	5711	N5HZ	Herzog Contracting, ex C-GVVY. Registered on 25 March.
	605	5767	N605JG	Jetsons, re-registered from N993SJ on 18 March.
	605	5783	N415JA	N415JA, re-registered from N783JG on 2 April.
	605	5871	N605DD	Dale P Holt Holdings, re-registered from N996G on 3 April.
	650	6109	N777QY	QX Maritime, ex C-FSQY. Registered on 3 April.
	650	6139	OE-LUA	International Jet Management, ex C-FAQY. Noted at Salzburg on 23 October.
	CC-144D	6144	144619	Royal Canadian Air Force, ex C-GRIS. Noted at CFB Trenton on 6 July.
	650	6151	OH-WIW	Jetflite, delivered on 27 March.
	CC-144D	6152	144620	Royal Canadian Air Force, ex C-FAMN. Delivered on 30 June.
	650	6153	N242QS	NetJets, ex C-FAQK. Registered on 24 March.
	650	6155	N10KJ	Bombardier Aerospace, ex C-FAUI. Registered on 26 March.
Cirrus	SF50	0107	N120RB	APG Aviation, re-registered from N52AG on 9 June. This aircraft is based at London-Luton.
Eclipse	EA500	000248	N34DG	Reregistered from N889BW on 7 July.
Embraer	505	50500272	N272NR	Former 2-NORN of Cross Aviation Ltd. was sold back to Embraer Executive Aircraft Inc. in June.
	505	50500558	M-YAIC	This brand new Phenom 300 was sold to AIC Spolka Akcyjna, but is operated by Jet Story Sp.z.o.o. in Poland.



Phenom 100 PH-CPI was registered to NextGen Aviation on 10 June and is based at Antwerp-Deurne, Belgium. It is formerly SP-IAF and was displayed as such at the 2016 EBACE. (Lelystad, 13 June 2020, Richard Poeser)

Falcon	7X	64	N237X	TVPX Aircraft Solutions, ex VQ-BSO. Registered on 30 March.
	7X	201	D-ACFL	Air Alsie, ex VP-CFL. Noted at Farnborough on 29 October.
	8X	407	G-GVOE	Concierge U, ex F-GSMS. Registered on 16 July.
	8X	411	PS-BFD	Ocean Explorer do Brasil, ex VQ-BFD. Registered on 28 May.
	8X	463	RA-09608	Registered on 21 January.
	8X	470	G-KOLO	Centreline, registered on 26 June.
	50	39	N828JF	JF 28, re-registered from N850EP on 2 April.
	50	202	N500PT	512JB, re-registered from N512JB on 21 April.
	50EX	256	XA-MOU	XB-QAJ was recently re-registered to XA-MOU.
	50EX	295	T7-TIA	Flysafe Solutions, ex 9H-AVE. Noted at Farnborough on 16 July while on delivery flight to Africa.
	50EX	331	N87KB	KKB Holdings, re-registered from N763U on 22 April.
	50EX	336	N200GX	TVPX Aircraft Solutions, re-registered from N50FJ on 24 March.
	900	53	N900KW	Alta Airlines Holdings, ex JA8570. Registered on 8 April.
	900	66	N508MM	Marklyn Jet Parts, ex P4-BFF. Registered on 27 April.
	900B	122	N915TP	Globe Resources Group, re-registered from N247CJ on 19 March.
	900C	202	RA-09617	M-TSKW was cancelled to Russia on 9 July.
	900EX	72	N361DD	Weco West, re-registered from N475BC on 20 March.
	900EX	239	P4-RRR	Noted at Geneva on 24 May, ex P4-GEM.
	2000	116	N516DG	Falcon Air, re-registered from N382KU on 1 April.
	2000	184	N10X	BMD Leasing, re-registered from N577PW on 27 April.
	2000	190	N190SA	Executive Air Services, ex N290QS. Registered on 25 March.
	2000LX	111	LX-SCO	Global Jet Luxembourg, ex F-HYVO. Delivered on 1 July.
2000LX	266	N454GB	Green Bay Packaging, re-registered from N409GB on 21 April.	
2000LXS	362	N480EC	Dassault Falcon Jet, registered on 30 March. Registered to Exelon Business Services Company on 5 May.	
Global	Express	9015	N253DW	Ex VH-FMG of Fortescu Metals, to the USA on 1 July.
	5000	9206	N530KC	Reregistered from N343DE on 30 June. Still with Midland Financial.
	5500	60015	N101UD	Reregistered from N2001S on 8 July.
	6000	9879	C-GTIE	Was temporarily registered N2001P since 12 August and now back in Canada.
	6500	60009	M-ABST	Registered to Global Aviation Partners on 7 July, ex C-GINF.
	6500	60002	VP-CDZ	Registered to LSFL Cayman Company on 23 June, ex C-GHVO.
	7500	70015	N810KJ	Reregistered from N939SG on 25 June.
	7500	70031	PS-BTG	Registered to Romanof Ltda on 3 July, ex C-GDUA.
	7500	70037	N88959	Delivered on 1 July, ex C-GFJQ.
	Gulfstream	IVSP	1235	N455Z
IVSP		1248	N999TR	TVPX Aircraft Solutions, ex N700PP. Registered on 10 April.
IVSP		1375	N360HV	SV Lift, re-registered from N888LD on 8 April.
IVSP		1463	N415MA	Martin Equipment, re-registered from N465QS on 15 April.
IVSP		1481	T7-CPX	Swift Wings Aviation, ex 4X-CPX. First noted at Geneva on 18 June.
G300		1505	5A-FLL	Noted Johannesburg 6 August 2019, ex A6-RJB. Operated by Air Libya.
G400		1524	N152GA	Gulfstream Aerospace, ex XA-CHG. Registered on 20 March.
G450		4005	N196CC	Phoenix Nap Management Resources, re-registered from N512LT on 2 April.
G450		4018	9H-OAM	Elit'Avia Malta, ex B-KHK. Noted at Malta on 28 June.
G450		4311	N773LM	TVPX Aircraft Solutions, re-registered from N666ZW on 1 April.
G550		5121	N671BR	Nike, re-registered from N1972N on 13 March.
G550		5201	N830NR	QS Partner, ex CS-DKK. Registered on 7 April.
G550		5252	RA-10208	Noted at Basel on 2 July, ex T7-GLF.
G550		5593	C-GIAC	Nutrien, ex N593GA. Registered on 16 September.
G550		5604	XA-CHG	Noted at Amsterdam-Schiphol on 28 April, ex N564GD.
G550		5606	M-CHEM	Hampshire Aviation, ex N566GA. Registered on 30 June.
G550		5609	VP-CDF	Registered on 23 June, ex N569GA.
G650ER		6413	N650HA	TVPX Aircraft Solutions, ex N643GA. Registered on 23 March.
G650		6422	XA-AND	Aerolineas Sol, ex N622GA. Noted at Toluca on 3 July.
G500		72030	OE-IKS	MJet, ex N530GD. Delivered on 4 Juli.



Another jet with a real estate connection is Falcon 7X PH-UNC. The former VQ-BNT was flown by Planair of Angola. After arriving at Lelystad for repaint in March, it was finally seen as PH-UNC on 19 June. PH-UNC is operated by JetNetherlands on behalf of Frank Zweegers, owner of real estate company Breevast. (Lelystad, 27 June 2020, Jan Bekker)



DigaJet recently took delivery of a second-hand Cessna 525A CJ2+ which was aptly registered as D-IEGA. It is the former well-known LZ-FNB, which had operated with that registration since 2008. (Mönchengladbach, 30 June 2020, Gideon van Dijk)

	G600	73016	M-AMBA	Hampshire Aviation, ex N616GD. Registered on 26 June.
Honda	HA-420	00149	T7-RAS	Rheinland Air Service, ex N719SJ. Noted at Mönchengladbach on 30 June.
IAI	1124	218	N426RJ	Registration expired on 19 June.
	1125	37	N3LH	Reregistered from N400XS on 7 July.
Pilatus	PC-24	169	VH-FZQ	Ex HB-VSV of Pilatus Flugzeugwerke was sold to Royal Flying Doctors Service of Australia.
	PC-24	178	N178SV	Ex HB-VZW of Pilatus Flugzeugwerke was sold to Pilatus Business Aircraft Ltd. in the US.
	PC-24	181	N562DB	Ex HB-VZZ of Pilatus Flugzeugwerke was sold to Pilatus Business Aircraft Ltd. in the US. in June.
	PC-24	183	HB-VSC	Registered to Pilatus Flugzeugwerke in June.
	PC-24	184	HB-VSD	Registered to Pilatus Flugzeugwerke in June.

Bizprops

Cessna	421C	0129	N421NG	Ultimate Airparts, ex 4X-CIS. Registered on 20 April.
Piaggio	P180	1089	N2444Z	PH-TCN was exported from the Netherlands to the USA on 12 July, via Bergen and Reykjavik.
Pilatus	PC-12/47E	1359	G-GEFF	Ex N359ST of TVPX Aircraft Solutions Inc. was sold to GT Aviation (Elwick) LLP in the U.K.
	PC-12/47E	1925	RA-01518	Former HB-FRD of Pilatus Flugzeugwerke was sold to an unknown operator in Russia.
	PC-12/47NGX	2017	HB-FSJ	Registered to Pilatus Flugzeugwerke in May, later sold as:
	PC-12/47NGX	2017	N7WS	to Pilatus Business Aircraft Ltd. in the US.
	PC-12/47NGX	2018	HB-FSK	Registered to Pilatus Flugzeugwerke in May and later sold as:
	PC-12/47NGX	2018	N420GX	to Pilatus Business Aircraft Ltd. in the US.
	PC-12/47NGX	2019	HB-FSL	Registered to Pilatus Flugzeugwerke in May.
	PC-12/47NGX	2020	HB-FSM	Registered to Pilatus Flugzeugwerke in May and later sold as:
	PC-12/47NGX	2020	N220PE	to Pilatus Business Aircraft Ltd. in the US.
	PC-12/47NGX	2021	HB-FSN	Registered to Pilatus Flugzeugwerke in May and later sold as:
	PC-12/47NGX	2021	N16GX	to Pilatus Business Aircraft Ltd. in the US.
	PC-12/47NGX	2022	HB-FSO	Registered to Pilatus Flugzeugwerke in June and later sold as:
	PC-12/47NGX	2022	N26NX	to Pilatus Business Aircraft Ltd. in the US.
Piper	42-720	5501044	N396CT	Flight Assets, ex D-IOSD. Registered on 12 March.
	46-500TP	4697057	YU-SPG	Ex LZ-SPG, likely delivered in May.
	46-600TP	4698107	G-ETET	British European Aviation, ex N607LX. Registered on 24 June.
	46-600TP	4698132	D-FKMK	N8058Q was cancelled to Germany on 14 May and became D-FKMK.
SOCATA	TBM-940	1320	F-HECK	Bought by Grand Sud Aviation Executive recently.



Beechcraft B200 King Air N287RA arrived at Rotterdam - The Hague on 26 June. This was the final stop after a long delivery flight that started at West Georgia Regional (GA). After some attention by Rijnmond Air Services it will be registered PH-ZCZ with Zeusch Aviation. (Berend Jan Floor)

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) 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	1G29-13	RF-93613	Russian Air Force	Rzd	10jul20	coded "21" yellow
An-2R	1G174-47	RA-40851	(Gruppa AKhR)	w/o	13jul20	when hit power in the Nizhny Novgorod region
An-2R	1G179-31	RA-62701	Krivoshapkin i Ko	rgd	10apr19	with own titles; f/n Us-Khatyn 20may20
An-2R	1G223-19	RA-40395	Ussurisk Favorit-Y	photo	03jun20	in all-red c/s active over the Primorsk region
An-2R	1G225-49	RA-33330	AGAT	photo	25may20	at Aginskoye, basic 'polar' Aeroflot c/s with 'AGAT' titles
An-2R	1G225-51	RA-33332	AGAT	photo	25may20	at Aginskoye, basic 'polar' Aeroflot c/s with 'AGAT' titles
An-2R	1G234-56	UR-02225	O.Kh. Nedov	rgd	25jun20	O.Kh. Nedov of Odesa; no operator given on register
An-12BK	9 34 65 08	UR-CTJ	Meridian	rgd	07jul20	ex EY-405; flew ODS- Bila Tserkva 16jul20 on delivery
An-24B	9 73 058 01	RA-46352	Almaz Ros.-Sakha	MJZ	31oct16	with many parts missing; reported broken up in 2017
An-24RV	1 73 069 10	EW-47808	Gomelavia, n/t	GME	06mar20	in good condition; reported scrapped and removed within a week
An-24RV	4 73 092 02	RA-46651	Sirius Aero	ARH	jul20	being b/u, seen with forward fuselage cut off 10jul20
An-24B	6 99 004 05	UN-47710	Kazakhstan Airlines	w/o	01nov95	on a training flight on approach to Shymkent
An-26	12 02	"59" blue	Ukraine Air Force	IEV	25jun20	damaged when the left main gear retracted by mistake
An-26	24 04	10552	Chinese Air Force	photo	07mar18	derelict at the abandoned Chengdu-Pengshang airfield
An-26	29 01	RA-26548	Sakhal. AviaTrassy	photo	24oct19	used for staff training purposes
An-26	31 07	RA-26552	Alrosa	MJZ	31oct16	wfu with parts missing; reported broken up in 2017
An-26	47 04	RA-26607	Alrosa	MJZ	31oct16	derelict; reported broken up in 2017
An-26B	139 09	UR-CTH	Eleron Aviation	rgd	26jun20	owner reported as One Sky s.r.o; ex YL-RAD
Il-18D	1870 101 01	ex OK-WAJ	Buggyra Air	photo	28jun20	with large Buggyra Air titles and bear motifs
Il-76MD	00734 75250	RF-76724	Russian Air Force	Rzd	2020	
Ka-26	77 062 09	RF-01158	DOSA AF	photo	27dec09	active in civil c/s without titles; ex RA-19428
Ka-52	---	6628	Egyptian Air Force	photo	jul20	in sand/ochre camo c/s with light grey underside
Ka-52	---	6633	Egyptian Air Force	photo	20jun20	at Sidi Barani
L-420	92 27 29A	3B-NBY	Air Tec	JNB	01jun20	ex ZS-OSE
L-410UVP-E20	19 32 15	OK-JRV	Gazpromavia	UHE	19may20	
L-410UVP-E3	---	RF-94617	Russian Air Force	Rti	20sep18	coded "71" red
Li-2T	184 329 10	CCCP-L4717	Aeroflot	mfd	1949	on 12feb51 became 13 with SKOGA, China
Li-2T	184 331 01	CCCP-L4722	Aeroflot	mfd	1949	on 12feb51 became 15 with SKOGA, China
Li-2T	184 335 10	CCCP-L4770	AFL/International	mfd	1949	in 1951 ? became 12 with SKOGA, China
Li-2T	184 336 01	CCCP-L4781	AFL/International	mfd	1949	in 1951 ? became 01 with SKOGA, China
Li-2T	184 336 02	CCCP-L4782	AFL/International	mfd	1949	in 1951 ? became 03 with SKOGA, China
Li-2T	184 336 03	CCCP-L4783	AFL/International	mfd	1949	on 12feb51 became 05 with SKOGA, China
Li-2T	184 336 04	CCCP-L4784	AFL/International	mfd	1949	on 12feb51 became 07 with SKOGA, China
Li-2T	184 337 07	CCCP-L4786	AFL/International	rgd	03jan50	in 1951 ? became 11 with SKOGA, China
Li-2T	184 338 01	CCCP-L4761	AFL/International	mfd	1949	in 1951 ? became 02 with SKOGA, China
Li-2T	184 338 03	CCCP-L4765	AFL/International	mfd	1949	in 1951 ? became 06 with SKOGA, China
Li-2T	184 338 04	CCCP-L4764	AFL/International	mfd	1949	on 08feb51 became 04 with SKOGA, China
Li-2P	184 338 08	CCCP-L4766	AFL/International	rgd	03jan50	in 1951 ? became 08 with SKOGA, China
Li-2P	184 338 09	CCCP-L4767	AFL/International	rgd	03jan50	in 1951 ? became 10 with SKOGA, China
Li-2P	184 363 04	CCCP-L4898	Aeroflot	rgd	04apr51	in 1951 ? became 16 with SKOGA, China
Li-2P	184 363 05	CCCP-L4899	Aeroflot	rgd	04apr51	in 1951 ? became 14 with SKOGA, China
Li-2P	3 34 440 02	CCCP-L5005	Aeroflot	rgd	21may53	in 1953/4 became 5005 with SOKAO, North Korea
Li-2P	3 34 446 06	CCCP-L5045	AFL/Moscow (MUTA)	rgd	21may53	opb Bykovski aviaotryad; in 1953/4 became 5045 with SOKAO, North Korea
Li-2P	3 34 448 07	CCCP-L5019	AFL/East Siberia	rgd	20jul53	in 1953/4 became 5019 with SOKAO, North Korea
Li-2P	3 34 448 08	CCCP-L5020	AFL/Kazakhstan	rgd	09jul53	in 1953/4 became 5020 with SOKAO, North Korea
Mi-2	54 5531 028	RA-14397	Don-Aero-Service	w/o	06jul20	when the pilot attempted a forced landing
Mi-2	54 7850 102	RA-15705(2)	MARZ ROSTO	w/o	11jun12	on a flight from Kogalym to helipads near Surgut
Mi-2	5210421 107	UR-WIS	Avia-Stil	rgd	03jul20	active Kepa, Poland, 04jul20 i with 'GTD-350' titles
Mi-2	5110710 088	RA-15746(2)	privately owned	dbr	01jun20	rolled over whilst land on a dirt road
Mi-4	---	17	Cuban Air Force	photo		
Mi-4	---	26	Cuban Air Force	photo		
Mi-8T	9 85 22095	RA-24519	UTair	KGP	25jun20	
Mi-8MT	9 3087	RF-31126	MChS Rossii		jul20	preserved at an unknown location
Mi-8MTV-5	9 7236	RF-24756	Russian Air Force	f/n	24jun20	coded "36" yellow; c/n known now

Mi-17-1V	031M05	DQ-06	Azerbaijani Mol	Che	sep18	c/n now known
Mi-17-1V	031M06	DQ-02	Azerbaijani Mol	Che	27sep18	c/n now known
Mi-17-1V	419M29	664	Peruvian Air Force	w/o	07jul20	crashed near Chija, all 7 on board were killed
Mi-8MTV-5	---	RF-04443	Russian Air Force	Kam	09may20	coded "2."
Mi-8AMTSh	---	RF-24761	Russian Air Force	photo	mid20	coded "57"
Mi-8	---	LH905806/06	Chinese Army	photo	jul20	Training Base 1st Regiment
Mi-171	---	LH98788	Chinese Army	photo	jul20	
Mi-171	---	LH992760	Chinese Army	photo	jul20	ex LH957xx; opb 72nd Brigade
Mi-17	---	106	Cuban Air Force	photo		'Fuerza Aérea Revolucionaria' titles
Mi-17	---	109	Cuban Air Force	photo		'Fuerza Aérea Revolucionaria' titles
Mi-24V	730 814	TJ-XRP	Cameroon Air Force	d/d	apr16	c/n now known; ex Slovak AF 0814
Mi-24V	730 832	TJ-XRT	Cameroon Air Force	d/d	feb16	c/n now known; ex Slovak AF 0832
Mi-25	---	3071	Egyptian Air Force	photo	20jun20	at Sidi Barani
Mi-25	---	3076	Egyptian Air Force	photo	20jun20	at Sidi Barani
Mi-25	---	3077	Egyptian Air Force	photo	20jun20	at Sidi Barani
Mi-25	---	3086	Egyptian Air Force	photo	20jun20	at Sidi Barani
Mi-35P	---	2131	Ethiopian Air Force	photo	15sep18	
Mi-35M	---	"05" red	Kazakh Air Force	d/d	apr19	opb 602 AvB at Shymkent
Mi-35M	---	"06" red	Kazakh Air Force	d/d	apr19	opb 602 AvB at Shymkent
Mi-35M	---	"07" red	Kazakh Air Force	d/d	apr19	opb 602 AvB at Shymkent
Mi-35M	---	"08" red	Kazakh Air Force	d/d	apr19	opb 602 AvB at Shymkent
Mi-35M	---	"09" & 11 red	Kazakh Air Force	CIT	22jun20	opb 602 AvB at Shymkent; both with Russian flag and the Kazakh stars taped over
Mi-28N	---	RF-13492	Russian Air Force	photo	09may20	over Moscow; coded "52" yellow
RRJ-95B	95 183	97020	Red Wings	ZIA	22jun20	in full new c/s; ferried from ULY to ZIA 22jun20
RRJ-95B	95 187	97019(2)	Red Wings	ULY	23jun20	in full new c/s; ferried from ULY to ZIA 23jun20
RRJ-95B	95 202	89142	primer	fff	17jun20	for Aeroflot
RRJ-95B	95 203	89143	primer	fff	02jul20	for Aeroflot
Tu-16R	1 88 33 18	"25"	Soviet Air Force	photo	feb69	opb 2 ae 219 odrap at Khvalynka; in natural metal c/s
Tu-22M3	. 5 69 . 3 .	"28" red	Russian Air Force	no	reports	opb 6952 AvB at Ukrainka
Tu-22M3	45 82 6 1 5	"46" red	Russian Air Force	trf	1992	sold as scrap metal 12nov12
Tu-22M3	.. 83 . 2 .	RF-94234	Russian Air Force	photo	24jun20	over Moscow; coded "12" red
Tu-22M3	46 88 . 3 .	"16" red	Russian Air Force	trf	1992	opb 132 tbaop at Zavitsinsk; later opb 6952 AvB
Tu-134B-3	61000	RA-65146	Alrosa	MJZ	18jul16	stored; reported broken up in 2017
Tu-134B-3	63536	RA-65715	Alrosa	MJZ	28oct16	stored; reported broken up in 2017
Yak-12	464 06 42	CCCP-I140	MAP OAIYa	rgd	23aug51	the meaning of the abbreviation OAIYa is not known
		CCCP-I885	MOP OEMCh	rgd	unknown	the meaning of the abbreviation OEMCh is not known
		CCCP-I885	MAP zavod # 240	trf	unknown	Factory No. 240 was the Ilyushin OKB
		CCCP-03458	MAP	rgd	1958	probably still opb Factory No. 240
Yak-12	464 07 18	CCCP-I141	MAP OAIYa	rgd	23aug51	the meaning of the abbreviation OAIYa is not known
		CCCP-I992	MOP OEMCh	rgd	unknown	the meaning of the abbreviation OEMCh is not known
		CCCP-I992	MAP zavod # 301	rgd	23aug51	Factory No. 301 (p-ya 577) was the Lavochkin OKB
Yak-12	464 40 17	CCCP-X136	MVD	rgd	22apr52	opb Upravleniye po Molotovskoi oblasti (Perm direct.)
Yak-12	464 42 06	CCCP-X110	MVD - Dalstroj	rgd	01oct51	new CofR issued 19nov51
		CCCP-X110	AFL/East Siberia	trf	unknown	Ostruck off charge due to its poor technical condition
Yak-12	464 42 09	CCCP-Zh147	MVD - GULZhDS	rgd	04mar52	opb Zheldorproekt
		CCCP-X1120	MPS	rgd	10mar53	Ministry of Railways; opb Zheldorproekt
		CCCP-L1120	AFL/Far East	rgd	unknown	db, details unknown; struck off charge 21feb56
Yak-12	464 42 13	CCCP-X1009	MVD	rgd	30may52	opb Sredazgidrostroj
		CCCP-X1009	MSES	trf	1953	Ministry of Power Station-building
		CCCP-L1009	AFL/Central Asia	rgd	unknown	new documents issued 18apr56
Yak-12R	08 4 33	CCCP-L5859	AFL/Central Asia	rgd	12sep55	became CCCP-07859 AFL/Uzbekistan rgd 17may58
Yak-12R	11 4 28	CCCP-L5796	AFL/Central Asia	rgd	19nov55	became CCCP-05796 AFL/Uzbekistan rgd 17may58
Yak-12R	12 4 23	CCCP-L5798	AFL/Central Asia	rgd	10apr56	became CCCP-05798 AFL/Uzbekistan rgd 17may58
Yak-12M	02 5 25	CCCP-L5730	AFL/Central Asia	rgd	06sep56	became CCCP-05730 AFL/Uzbekistan rgd 17may58
Yak-12M	02 5 26	CCCP-L5731	AFL/Central Asia	rgd	06sep56	became CCCP-05731 AFL/Uzbekistan rgd 17may58
Yak-12M	02 5 33	CCCP-L5737	AFL/Central Asia	rgd	14feb56	became CCCP-05737 AFL/Uzbekistan rgd 13may58
Yak-12M	02 5 34	CCCP-L5739	AFL/Central Asia	rgd	14feb56	became CCCP-05739 AFL/Uzbekistan rgd 13may58
Yak-12M	02 5 37	CCCP-L5743	AFL/Central Asia	rgd	06sep56	became CCCP-05743 AFL/Uzbekistan rgd 13may58
Yak-12M	02 5 38	CCCP-L5741	AFL/Central Asia	rgd	14feb56	became CCCP-05741 AFL/Uzbekistan rgd 13may58
Yak-12M	02 5 40	CCCP-L5742	AFL/Central Asia	rgd	06sep56	became CCCP-05742 AFL/Uzbekistan rgd 13may58
Yak-12M	03 5 01	CCCP-L5746	AFL/Central Asia	rgd	06sep56	became CCCP-05746 AFL/Uzbekistan rgd 13may58
Yak-12M	05 5 16	CCCP-L5789	AFL/Central Asia	rgd	18apr56	became CCCP-05789 AFL/Uzbekistan rgd 17may58
Yak-12M	05 5 17	CCCP-L4000	AFL/Central Asia	rgd	04apr56	became CCCP-74000 AFL/Uzbekistan rgd 17may58
Yak-12M	11 5 16	CCCP-L4244	AFL/Central Asia	rgd	29nov56	became CCCP-14244 AFL/Uzbekistan rgd 17may58
Yak-12M	11 5 19	CCCP-L4248	AFL/Central Asia	rgd	29nov56	became CCCP-14248 AFL/Uzbekistan rgd 17may58
Yak-12M	11 5 21	CCCP-L4250	AFL/Central Asia	rgd	29nov56	became CCCP-14250 AFL/Uzbekistan rgd 17may58
Yak-12M	14 5 27	CCCP-L1087	AFL/Uzbekistan	rgd	08apr57	became CCCP-21087 AFL/Uzbekistan rgd 17may58
Yak-12M	14 5 28	CCCP-L1085	AFL/Uzbekistan	mfd	28aug56	became CCCP-21085 AFL/Uzbekistan rgd 17may58
Yak-12M	14 5 30	CCCP-L1068	AFL/Central Asia	rgd	14jan57	became CCCP-21068 AFL/Uzbekistan rgd 17may58
Yak-12M	8 12 7 163	CCCP-L557	AFL/Uzbekistan	rgd	19feb58	became CCCP-26557 AFL/Uzbekistan rgd 17may58
Yak-12M	8 12 7 166	CCCP-L563	AFL/Uzbekistan	rgd	19feb58	became CCCP-26563 AFL/Uzbekistan rgd 17may58
Yak-12M	8 12 7 168	CCCP-L565	AFL/Uzbekistan	rgd	1958	became CCCP-26565 AFL/Uzbekistan w/o 27jun61
Yak-12M	8 12 7 169	CCCP-L566	AFL/Uzbekistan	rgd	1958	became CCCP-26566 AFL/Uzbekistan rgd 1958
Yak-12M	8 12 7 195	CCCP-T617	AFL/Uzbekistan	rgd	1958	became CCCP-62617 AFL/Uzbekistan rgd 1958
Yak-12M	8 12 7 196	CCCP-T618	AFL/Uzbekistan	rgd	1958	became CCCP-62618 AFL/Uzbekistan rgd 17may58

Yak-12A	3 9 109	RA-2494G	privately owned	dam	17jul20	forced landing in the bay Shibetski zaliv
Yak-40	9 53 01 42	RA-88297	Lukoil	photo	jun20	preserved on a plinth near the terminal at Kogalym
CJ6A	67 320 02	4315/35	Chinese Air Force	photo	sep15	AU FBTB/1st Reg
CJ6A	67 320 07	4650	Chinese Air Force	photo	sep15	AU FITB/1st Reg
Yak-18TMic	14 35	G-YACC	Michhael John Babbage	rgd	30aug18	f/n Lashenden Headcorn 12jul20; ex HA-YAC
HYJ-7	---	3657	Chinese Air Force	NAO	jan20	code "67" red on its nose
HYJ-7	---	3751	Chinese Air Force	NAO	jan20	code "71" red on its nose
Y8J	06 08 03	9291	Chinese Navy	photo	<oct08	c/n now known; is a converted Y8X
Y9	44 18 04	LH951091	Chinese Army	URC	16aug18	l/n URC 02oct18; c/n not confirmed !
Y9		55411	Chinese Air Force	photo	17feb20	c/n confirmed; l/n 23jun20
Y9	44 18 05 ?	LH951092	Chinese Army	NAY	24jan18	c/n not confirmed, see next line !
Y9		55412	Chinese Air Force	photo	19mar20	c/n '4418...' partly visible on photo; l/n 25jun20
Y8	---	3253	Chinese Air Force	NAO	jan20	code "23" red on its nose
Y8	---	3259	Chinese Air Force	NAO	jan20	code "29" red on its nose
Y8	---	3350	Chinese Air Force	NAO	jan20	code "30" red on its nose
Y8	---	3351	Chinese Air Force	NAO	jan20	code "31" red on its nose
Y8	---	3358	Chinese Air Force	NAO	jan20	code "38" red on its nose
Y8Q	---	82015	Chinese Navy	photo	jul20	maritime patrol version with a MAD boom; 1st division
MA60	10 07	9N-AKQ	Nepal Airlines	KTM	24dec19	operational; wfu 16jul20
MA60	10 08	9N-AKR	Nepal Airlines	KTM	27mar19	operational; wfu 16jul20
ARJ21-700	136	B-605N	Chengdu Airlines	h/o	28jun20	and ferried from PVG to CTU the same day
ARJ21-700	138	B-605U	Air China	PVG	26may20	h/o 28jun20 and ferried PVG to PEK the same day
ARJ21-700	139	B-605W	China Southern	h/o	28jun20	and ferried from PVG to CAN the same day
ARJ21-700	140	B-123A	OTT Airlines	PVG	07jun20	h/o 28jun20 and ferried PVG to SHA the same day

PH register

Newly registered aircraft:

PH-CPI	Embraer EMB500	50000368		10jun20	Ex SP-IAF.
PH-KBT	Cessna TR182	R18200956		03jun20	Ex G-BNMO, N738RK.
PH-NIR	Van's RV-9A	92233		23jun20	
PH-UMC	Airbus H135 (EC135P3H)	2117		24jun20	ANWB Medical Air Assistance. Ex D-HCBC.
PH-UNC	Dassault Falcon 7X	135		23jun20	Ex VQ-BNT, F-WWUL.
PH-ZME	Van's RV-10	40355		25jun20	
PH-4U5	Blackwing BW 600 RG	011		17jun20	Ex SE-V11.
PH-7N4	Nirvana Rodeo 125	G15751		24jun20	
PH-1641	MDM-1 Fox	251		12jun20	Ex SP-3867.
PH-1645	Schempp-Hirth Duo Discus T	308		15jun20	

Change of ownership:

PH-ACH	Cessna F152	F15201838	03308	09jun20
PH-ARC	SOCATA TB-10	12	02919	26jun20
PH-BKB	Colt 21A	1251	04583	05jun20
PH-CMS	Kubicek BB26E	1518		12jun20
PH-DHC	DHC-2 Beaver Mk1	965	05812	24jun20
PH-ERH	Ultravia Pélican PL	688	06275	04jun20
PH-GOG	Cameron Van Gogh-110	10269	06401	12jun20
PH-GRT	Kubicek BB30Z	972	08067	12jun20
PH-YBM	Alpi Aviation Pioneer 300	E005	09450	10jun20
PH-ZZU	Alpi Aviation Pioneer 400	018	08411	12jun20
PH-239	Schleicher Rhönlerche II	157	06286	29jun20
PH-495	Schempp-Hirth St. Cirrus	394	02105	03jun20
PH-806	Schempp-Hirth Discus b	86	03631	09jun20
PH-1646	Diamond HK-36TTC	36.612		23jun20

Cancelled from register:

PH-BFS	Boeing 747-406 SCD	28195	05284	03jun20	Permanently wfu at Mojave (CA).
PH-FEG	Lindstrand LBL-150A	1209	07239	05jun20	To Bulgaria.
PH-RND	Piper PA-46-500TP	4697450		02jun20	To Poland.
PH-2W1	Aviasud Mistral	126	20437	24jun20	More than 1 year without valid airworthiness document.
PH-3E6	Cosmos BI Phase II	21325	20531	24jun20	Wfu. Damaged in an accident at Stadskanaal, 23 June 2019.
PH-3L2	Comco Fox-C22C	0011-3746	08221	24jun20	More than 1 year without valid airworthiness document.
PH-4L7	Pipistrel Alpha Trainer	654 AT 912	08379	17jun20	To Russian Federation.

Additions, corrections and news:

PH-AMY	Cameron Z-90	11843	08335	17jul18	To HS-AEY.
PH-ANP	Diamond-Canada DA20-A1	10272	07119	13aug19	To HA-BHS.
PH-BEW	Piper PA-25-235	25-5396		16dec19	To OO-PAW.
PH-BYA	Beech 58	TH-1609	04912	01aug19	Sold in USA for spares.
PH-BYB	Beech 58	TH-1613	04913	01aug19	Sold in USA for spares.
PH-ECN	Robin R1180TD	228	03217	27sep19	To D-EGEL.
PH-FIS	Cessna 525	525-0514	06412	25nov19	To VH-RMB.
PH-HAN	Neico Lancair 360	248	04928	04oct19	To F-PHAN.
PH-HHT	Fire Balloons G	1523	07956	22aug18	To OK-2221.
PH-JMR	Ultramagic M-105	105/204		18sep19	To F-GEMR.
PH-JON	Lindstrand LBL-240A	691	08823	20mar19	To SP-BPB.
PH-LAK	Lindstrand LBL-180A	611	05763	21may14	To F-HXDT.
PH-MSR	Colt 21A	3532	08999	06nov19	To OE-RSR.

PH-RVG	Piper PA-28-181	28-8390024	03715	08nov19	To D-EFWM.
PH-RWX	Schweizer 269C	S-1740	07505	03may19	To HA-HBC.
PH-SHL	Agusta AB139	31041	06916	31jan19	To C9-EXY.
PH-STY	Piper PA28RT-201T	28-31036	07161	29nov19	To SP-SET.
PH-TVC	Piper PA-18-150	18-8482	09010	06dec19	To OO-PRO.
PH-YLO	Lindstrand LBL-240A	197	08622	01feb19	To N111RG.
PH-4E3	Comco C42B	0902-7026	20926	23jul19	To EI-GPV.

Credits: Inspectie Leefomgeving en Transport, airnieuws.nl.



Thursday 30 April 2020 saw the delivery of this Diamond DA-62 PH-PWW, straight from the factory at Wiener Neustadt, Austria, to its new home base of Rotterdam-The Hague Airport. During the delivery flight Diamond put in a wrong transponder registration as on flight tracking websites (and of course with air traffic control) the DA-62 showed up as PW-PWW. This was obviously not correct so a quick trip to Lelystad was made, where the official dealer of Diamond is located, Wings over Holland. They corrected the mistake and now owner P.O.R.T. Aviation can enjoy its new aircraft showing up with the correct registration! (Texel, 21 May 2020, Mike de Bruijn)

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Taken during the Heldair Show Maritiem at De Kooy in 2017, on 15 September to be precise, Hans Sloot had NH90-NFH N-324 of 860 Squadron "Arcens affligo" in front of his lens. Nearly three years later, on 19 July 2020, the chopper was lost when it crashed near the Caribbean island of Aruba, sadly taking the lives of the pilot and tactical coordinator...

Additions & Corrections:

16may19 88-0477 F-16CM **1C-79** w/o
See Scramble 481.

02dec19 90-0714/WP F-16CM **1C-322** w/o
See Scramble 488.

New Accidents:

29jun20 JA9383 Bell 204B-2 **CH-54** dam

A Fuji-Bell 204B-2 of Nakanihon Air suffered a hard landing at Fukusaki's town's temporary helipad. No injuries were reported but the JTSB launched an investigation branding it an accident.

30jun20 F-16CM w/o

A US Air Force F-16CM of the 20th Fighter Wing, based at Shaw AFB (SC), crashed around 23:30 hours local time at its home base. Unfortunately the pilot did not survive the accident. He was brought to a nearby hospital for treatment where he later succumbed to his injuries. Unconfirmed reports indicate that the Viper tried to land without an extended landing gear. The 20th Fighter Wing commands three F-16 squadrons, all coded "SW": 55th Fighter squadron "Fighting Fifty-Fifth", 77th FS "Gamblers" and 79th FS "Tigers".

30jun20 59bl An-26 dam

During repairs at the Kiev Aircraft Repair Plant 410, at Kiev-Zhulyiany to be exact, the Ukraine Air Force Antonov was damaged after the landing gear support was removed for some reason. This resulted in a bend left wing tip.

01jul20 N620N DHC-2 **1026** dam

A float-equipped de Havilland Canada Turbo Beaver of Rak TBVR experienced a gear down landing onto the waters of Lake Washington, near Seattle (WA). The floatplane capsized and the two occupants were uninjured.

01jul20 N19AS Ce320 **320-0086** w/o

The Taildragers Anonymous Cessna 320 impacted wooded terrain north of Round Rock, Williams County (TX). The airplane was consumed by the post impact fire and the sole pilot onboard received fatal injuries.

02jul20 XB-NRX G1159 **27** w/o

A burnt Grumman Gulfstream IISP was found by Mexican law enforcement officers at Mapastepec, Mexico. It had been used for transporting drugs. The classic Gulfstream was empty and no occupants were found at the site.

03jul20 HK-4839 Ce414 **414-0492** dam

This Sky Ambulance Cessna 414 (RAM series VII conversion) was in the past registered in Holland as PH-MZL. Via Germany, Italy and America it ended up on the Colombian register, and as such suffered a runway excursion and gear collapse. All five occupants, two pilots and three passengers, were uninjured.

03jul20 C-GATR Murphy SR3500 Moose **258SR** w/o

A float-equipped and privately owned Murphy SR3500 Moose, amateur built by Dave O'Hara, impacted rural field terrain southeast of Edmonton (AB). It was destroyed during the accident sequence and the three occupants aboard received fatal injuries.

The Murphy Moose is a Canadian high-wing utility light aircraft produced in kit-form by Murphy Aircraft of Chilliwack (BC) for amateur construction. The Moose can be purchased as a "quick-build" kit which comes partly pre-assembled. It holds one pilot and can take up to five passengers.

03jul20 N89MA PA-46-600TP **4698109** dam

A Piper PA-46 M600 of Piper Aircraft skidded off the side of the runway during a landing attempt at Titusville-Space Coast Regional Airport (FL). All three occupants remained unhurt.

05jul20 XB-RCM BAe125-700A **257141/NA0300** w/o

A Hawker 700A of an unknown operator landed on the highway on the Polyuc-Morelos section, 10 kilometres from José Maria Morelos. A fire erupted, which consumed the fuselage. The aircraft was transporting drugs. Precise circumstances are unclear but local media reported the presence of a military helicopter in the area that supposedly fired at the jet.

05jul20 5Y-WFC Fokker 50 **20250** dam

A Fokker 50 of Buff Air Services was damaged in an incident while landing at the Bardere Airstrip in Somalia. The right-hand main landing gear collapsed (due to metal fatigue) and the right-hand wheel of the nose landing gear broke from the axle. The right-hand wingtip and number 2 propeller blades contacted the ground in the incident. It was performing a flight from Mogadishu to Bardere (Somalia) with five crew and a load of relief cargo, when it suffered the collapse of the right hand main gear. Local sources reported the right hand tyres may have deflated resulting in the gear collapse. Bardere Airfield (Gedo province) is located at coordinates N2.330 E42.3119 and features a compacted sand runway 15/33 of 1,300 metres/4,265 feet in length.

05jul20 N2106K L-20A **1131** w/o
 05jul20 N6373U CeTU206G **U20605457** w/o
 A float-equipped DHC-2 Beaver of Brooks Seaplane Service, performing a sightseeing flight, and a Cessna TU206G of Echo Rental experienced a mid-air collision and a subsequent impact with the waters of Lake Coeur d'Alene (ID). Both airplanes were written off and sadly all occupants (six on the Beaver and two on the Cessna) perished in the mishap. Both planes were located by the Kootenai County Sheriff's Office Sonar Team and remain submerged 127 feet below the surface.

06jul20 EC-MVV AS350B2 **2456** w/o
 Both occupants of the Helitrans Pyrenees Ecureuil died after the chopper crashed at La Vansa i Fónols, near Sant Marc, Spain. At the time they were inspecting electric power lines.

06jul20 RA-14397 Mi-2 **545531028** dam
 This Polish license built Mi-2 (so technically a PZL-Swidnik Mi-2) of Don-Aero-Service crashed in the water during agricultural work over rice fields, at Kirsalovo, Salsky district, Rostov Region, Russia. One occupant died in the crash, another was injured.

07jul20 664 Mi-17-1V **419M29** w/o
 A Fuerza Aérea del Peru Mi-17 crashed near Chija, Peru. Unfortunately none of the four crewmembers and three passengers survived the accident. Bad weather circumstances might have been the cause of the crash. The helicopter, operated by Escuadrón de Helicópteros 341 and based at Lima-Callao International Jorge Chavez, crashed while performing humanitarian flights for COVID-19 support.

07jul20 N623PB UH-1H **4396** w/o
 A Bell UH-1H Iroquois of Airwest Helicopters impacted the ground in the Tonto National Forest (AZ), about ten miles west of Payson, while delivering supplies to fire fighters trying to tackle the Polles Fire. Sadly the pilot was killed. It used to belong to the United States Army as 64-13689.

07jul20 RP-C834 PA-34-200 **34-7250119** dam
 A Piper Seneca of the Rhoyle Flight Training Academy crashed shortly after take-off from Zamboanga Airport, Philippines, into the sea off Sinunuc after suffering an engine failure. The four occupants, two flight instructors, a student pilot and a mechanic, survived the crash.

07jul20 N339AV BAe125-800XP **258255** w/o
 This Hawker 800XP was destroyed by Venezuelan armed forces at an undisclosed location in Venezuela. It was engaged in transporting drugs, which it will now no longer be able to do.

08jul20 PR-OFI Beech 58 **TH-607** w/o
 Trying to land at São Paulo-Campo de Marte Airport, the pilot of this private Beech Baron crashed after having suffered a technical malfunction. Sadly he did not survive the impact.

08jul20 S-70 **dam**
 A Black Hawk of the Turkish Gendarmerie crashed near Diyarbakir and sustained substantial damage. No more details are known.

09jul20 A-29B **w/o**
 The Afghan Air Force lost a Super Tucano in a crash, and it was reported that both crew ejected, with one having the US nationality while the other crew member's nationality was not made public. The US instructor pilot of the US Forces-Afghanistan (USFOR-A) was injured after ejection, while the other remained uninjured. The A-29B came down in the Doshi District around 11:30 hours. This district is located in the north-eastern Baglan province of Afghanistan. It is not reported if the aircraft was on an actual combat mission, a training mission or a check flight. A rescue flight was set up in which at least two AAF Mi-17s and one Cessna 208 were involved. This is the first A-29B crash in Afghanistan. In the US, the AAF lost its first A-29B (serial 13-2015) during a training flight on 6 March 2017.

11jul20 N708AC AS355F1 **5167** w/o
 The JBD Enterprises Ecureuil II clipped power lines while checking Xcel power lines for future repairs, south of Airport Road and the Colorado Mountain College Rifle Campus in Garfield County near Rifle (CO). The helicopter was destroyed after impacting terrain and a post-impact fire destroyed the chopper. Both occupants received unspecified injuries.

13jul20 RA-40851 An-2R **1G174-47** w/o
 The Gruppa AKhR Antonov An-2 hit power lines in the Bolsheboldinsky district, Nizhny Novgorod region, and crashed. One occupant died in the crash, another was seriously injured. The plane caught fire after the crash and was completely destroyed.

13jul20 539 H500E **0464E** w/o
 A KDF (Kenya Defence Force) McDonnell Douglas H500E crashed during a training flight near Kanyonga, Masinga Sub County, Machakos, unfortunately killing both crew members.

13jul20 F-16CM **w/o**
 An F-16 Fighting Falcon, operating from Holloman AFB (NM), crashed during its landing with the pilot managing to eject safely. The USAF F-16C, assigned to the Holloman based 49th Wing, crashed around 18:00 hours local time in the evening.



Ethiopian Airlines lost one of its Triple Seven freighters (ET-ARH) when the aft fuselage caught fire at Shanghai-Pudong, China, on 22 July 2020. The reason for the fire is still unknown. Wout Goossens (not related to a former Scramble editor) captured the Boeing during its departure from Brussels-Zaventem on 21 June 2019.



A donkey was to blame for the loss of this Bluebird Aviation Dash 8-400 5Y-VVU, after the crew had to deviate for the poor animal and subsequently the DHC-8's landing gear collapsed. Poor (as in non existent) fire service at the airport of Beledweyne meant the Dash was a write off, having been destroyed by fire. (Beledweyne Haji-Sheikh Mahmud Hasan, 14 July 2020, JACDEC)

At Holloman three Viper Fighter Squadrons are based, namely the 8th FS "The Black Sheep", 311th FS "Sidewinders" and 314th FS "Warhawks", all coded 'HO'.

13jul20 N200MU BN-2A-27 **78** dam

A Britten-Norman Islander of Islander Holding sustained substantial damage when it was struck by Cessna 172S N5280D (172S9212) while taxiing at Fort Lauderdale-Executive Airport (FL). The single pilots aboard each airplane were not injured.

14jul20 5Y-VVU DHC-8-402 **4008** w/o

A Bluebird Aviation Dash 8, operating a charter freight flight from Djibouti, Djibouti, to Beledweyne-Haji-Sheikh Mahmud Hasan (Ugas Khalif), Somalia, on behalf of the African Union Mission to Somalia (AMISOM), with three crew, landed in Beledweyne. According to reports a donkey was crossing the runway causing the Dash to suffer a gear collapse and came to rest against several earth mounds (used for runway maintenance work), and subsequently burst into flames. All three occupants were rescued, the aircraft could not be saved anymore due to lack of proper firefighting equipment. Beledweyne Airport (position N4.7667 E45.2389) features a sand/gravel runway 04/22 of 2,200 metres.

14jul20 950 UH-1H w/o

A Fuerza Aérea Hondureña Huey crashed during night flying practices at its home base of Tegucigalpa-Toncontin International Airport. The helicopter, one of four former Republic of China Army Aviation (Taiwan Army) UH-1Hs, is operated by the Escuadrón de Helicopteros. According to initial reports the helicopter conducted a night flying practice flight when suddenly engine power was lost. Four crew members were injured and taken to hospital for further examination.

14jul20 N1332Z Beech 55 **TC-141** dam

The Up and Up Aviation Beech Baron aborted its take-off roll at David Wayne Hooks Memorial Airport (TX) and ended up in a field next to the runway. It received substantial damage and both occupants walked away without any injuries.

15jul20 EM-809 Beech 350i **FL-859** w/o

In the late evening a Turkish Polis (General Directorate of Security (Police) - Aviation Department Emniyet Genel Müdürlüğü - Havacılık Daire Başkanlığı) Beech 350i crashed into Mount Artos, some thirty kilometres southwest of Van-Ferit Melen Airport's runway 03 threshold, in eastern Turkey. All seven people aboard lost their lives. The aircraft involved belonged to GünHan Filo (squadron), part of the Van Havacılık Sube Müdürlüğü (wing). The wreck was discovered at an altitude of 2,200 metres. On the fateful night, the aircraft had departed Van for a surveillance and reconnaissance mission with two pilots and five passengers aboard. The accident occurred during the descent on the return to Van.

16jul20 616 OH-58D **44117** w/o

A Chung-Hua Min Guo Lu Jun (Republic of China Army Aviation) OH-58D Kiowa Warrior Combat Search helicopter crashed during landing at Hsinchu Air Force Base. The OH-58D is operated by the 601st Combat Reconnaissance Group based at Longtan, on the north-west side of the island. The helicopter was returning from a combat readiness mission at around 15:30 hours local time. For unknown reasons it made a heavy landing and caught fire. It is reported that the co-pilot did not survive the accident.

16jul20 N1432D Bell 206L-1 **45741** dam

A Bell Long Ranger II of Heliotrope Corporation was conducting an external load operation at Augustine Island (AK) when the main rotor blades struck the mast of the boat. The sole person on board was unharmed while the chopper received quite some damage.

17jul20 ZS-ROP EC120B **1332** dam

A Cape Town Helicopters Kolibri had a training mishap at Cape Town International Airport. Officials said that no one was injured in the incident, during which the Eurocopter rolled onto its side. We can imagine it received some damage.

17jul20 C-FSKQ Beech 200 **BB-99** dam

A Beechcraft 200 operated by Skyjet Aviation as flight DU443, was on an IFR (Instrument Flight Rules) flight from Québec City-Jean Lesage Airport (Que.), with destination Rouyn Airport (Que.) with two crew members and eight passengers. When the landing gear was retracted on departure from Québec, the crew heard a noise, but this didn't seem to be a concern. On approach to runway 26 at Rouyn, when the landing gear handle was activated to extend the landing gear, there were no green lights, indicating a down and locked landing gear. The approach was aborted and the emergency checklist was completed. The crew attempted to extend the gear manually, but no pressure was felt in the emergency lever and the gear did not extend. A second attempt was made and the nose gear was extended and locked, but there was no pressure left in the hand pump to completely deploy the main gear. A low approach was flown so ground personnel could check the position of the undercarriage. All three wheels appeared to be down and the crew declared an emergency prior to landing on runway 26. Touch down was normal, but when the airspeed reached approximately 60 knots, the right main gear collapsed, followed by the left main gear. The aircraft was evacuated and no one was hurt. An inspection of the aircraft found the landing gear system circuit breaker was in the pulled position.

19jul20 N-324 NH90-NFH **1324/NNLN17** w/o

The pilot and a tactical coordinator aboard this 860sq (Defence Helicopter Command) NH90-NFH were killed, while two other occupants survived without serious injuries, when the Naval Frigate Helicopter crashed near the Caribbean island of Aruba (part of the Kingdom of the Netherlands) around 15:00 hours local time. An AW139 of the Dutch Caribbean Coast Guard and a team of divers assisted in securing the aircraft, with the priority being to recover the black box from the helicopter. The NH90 was stationed on the ocean-going patrol vessel (OPV) Zr.Ms. Groningen (P843), which is located in Curaçao as the West Indies Guard Ship (WIGS). The helicopter was engaged in a coastguard patrol mission over the Caribbean Sea when it crashed under unknown circumstances some twelve kilometres from the Aruban shores. The Dutch NH90 fleet, assigned to 860 Squadron "Arcens affligo", based at the De Kooy (the Netherlands), is grounded awaiting the cause of the accident. The Dutch had twenty NH90-NFHs on strength, of which this is the first crash. The NH90 has a good safety record; Four helicopters of this type, of which some 420 were delivered so far, have crashed with two in Oman, one in Italy and now this one operated by the Netherlands. The latter is the first NFH model that crashed.

19jul20 RA-71276 An-2R **1G207-47** w/o

An Antonov An-2 of Phoenix (with a crew of two and four passengers) was reported missing on a flight from Kyren, Buryatia, Russia. According to the Russian Emergency Situations Ministry the aircraft flew (tentatively) for chemical treatment of fields, without an approved application. The destination of the flight was unknown and the biplane is assumed to have crashed.

20jul20 N859GA Beech 200T **BT-12** dam

Around 12:15 hours local time, this Beech Super King Air of the Drug Enforcement Agency (DEA) made a controlled emergency landing at Bogotá-El Dorado, Colombia. It experienced trouble with the main landing gear and the aircraft came to a stop on the runway. Because of the incident and the closed runway, the fly-past of the Fuerza Aérea Colombiana to celebrate the Colombian Declaration of Independence had to be delayed temporarily.

20jul20 N740P Beech B200 **BB-1218** dam

A crash landed Syf Beechcraft B200 King Air was found on an illegal landing strip at Brus Laguna, Honduras. Drugs were confiscated by law enforcement officers.

21jul20 EJC2176 UH-60L **70-2664** w/o

This Ejército de Colombia - División de Aviación Asalto Aéreo (Colombian Army Aviation) UH-60L Black Hawk crashed in a rural area in the south-east of Colombia when it was making a flight between the towns of San José del Guaviare and Mitu, Vaupés. The Black Hawk was operated by Batallón de Aviación No.2 Asalto Aéreo which is based at CAT General Gustavo Rojas Pinilla, Fuerte Tolemaida. According to the Colombian Army Air Assault Aviation Division Command, the helicopter disappeared around 03:00 hours local time during an operational support mission. So far, six of the seven crew members of the Black Hawk, which fell into the Inírida River, have been rescued alive. Rescuers and divers from the Army Aviation Division were carrying out rescue efforts to find the whereabouts of the other eleven soldiers who were aboard the ill-fated helicopter.

22jul20 ET-ARH B777-F60 **42031** w/o

An Ethiopian Airlines Triple Seven freighter had arrived as ET3738 from Brussels-Zaventem at Shanghai-Pudong, China and was getting ready to return to its home base Addis Ababa, Ethiopia as flight ET3739. While getting ready for departure at the apron smoke was observed from the aft part of the aircraft and emergency services responded and extinguished the fire in a little over an hour. No injuries were reported but the aircraft was destroyed. It was scheduled to fly from Shanghai back to Addis Ababa and further on to Sao Paulo, Brazil and San Diego (CA).

23jul20 8308 UH-1D **8308** w/o

Two of the five occupants of the Philippine Air Force Bell Iroquois did not survive the impact with terrain after it crashed during take-off from Cauayan Air Station, Cauayan City, Isabela. Two of the remaining three occupants onboard the aircraft are reported missing and one received unspecified injuries.

Credits: ASN, Aad van der Voet, Leo Hoogerbrugge, Aviation Herald, B3A



This Britten-Norman Islander of Islander Holding got hit by a taxiing Cessna 172, on 13 July 2020 at Fort Lauderdale-Executive Airport (FL), and sustained damage. Not many more details are known about this incident. (Fort Lauderdale/Executive (FL), 7 November 2019, Walter Heukensfeld)

Wrecks & Relics



Hungarian Mi-24V 714 is one of the two colourful Mi-24s added to the museum collection at Szolnok town. The other one is Mi-24V 716 (Szolnok, 1 July 2020, Erwin Alexander)

Netherlands

Breda
J-866 F-16A preserved **6D-83** jul20
The Koninklijke Militaire Academie received a new F-16 for display on 7 July 2020.

Eindhoven
(2637) Mi-2T preserved **562637112** jul20
The former Veen Mi-2 has been converted into a mobile bar and buffet and is now at the new Stadsosse De Zomertuin (N51.43438, E5.50278). As this is only a summertime event and the Mi-2 is mobile, it may move on.

Belgium

Genk Zwartberg
(38314)/204 N2S-3 N75546 **75-7935** may20
The Stearman arrived on 4 May 2020 in a container and OO-MDB has been reserved for it.

Gembloux
VX950 Vampire FB5 stored apr20
The former Perpignan Vampire arrived on 29 April at the BAPA (Belgian Aviation Preservation Association) for restoration. The BAPA is still working on TB-25N 44-30925/G-BWGR.

Hasselt Stevoort
(1633) B47G-2 OO-MBE **1633** jul20
Since June 2020 this former French Army Bell is based at private heliport at N50.92338, E5.23466.

Leopoldsburg
(069) AB47G-2 OO-LPL **069** jul20
Another former French Army Bell is based here. It used to be F-BXXK and was based at Montpelleir - L'Or Candillargues.

Tessenderlo
P-263 F-84F preserved may20
The Thunderstreak is preserved, together with G91R/3 32+58/5 (Freccce Tricolori colours), at a private part of the Foets company. Only F-104G 26+47 is visible from outside.

France

Bordeaux/Merignac (33)
(2555)/SF EC725R2 instructional **2555** jul20
The EC725, which was damaged in a accident in November 2014, is with the Institute de Maintenance Aeronautique (IMA). They also still have CM170 117.

La Rochelle La Leu (17)
WG469 Chipmunk T20 F-AZKE **C1/0519** jul20
Still here is AT-6C F-AZQR (ex H-4/Belgium).

Morand La Tierrcerie (37)
6 MS733 F-BEHG **6** jul20
9 MS733 F-BGTR, stored for spares **9** jul20
65 N3202 F-AZMA, restoration **65** jul20
122 N3400 F-AZFM, ex Rouen **122** jul20
(664) Yak-12M F-AZKO, ex Poland **169664** jul20
A-828 P3-05 F-AZMF **466** jul20
Yak-52 F-WRUK **822109** jul20

CASA 1131 E.3B-532/F-AZGI (ex Tours Sorigny) which is at the airfields owner private hangar, has been sold and will leave shortly.

Tours Sorigny (37)
F-WRUI Yak-52 **856009** jul20
F-WRUL Yak-52 **844201** jul20

The Yako Team (www.yakoteam.com) has moved to here from Morand. Also here is Chipmunk WP851/F-AZUU and not at Tours Val de Loire as previous mentioned.

Germany

Eschbach Bremgarten (BW)
29+14 F-104F preserved **5066** jul20
The Starfighter has been restored (arrived November 2018) and is put on display at the former air base as N47.89543, E7.62315.

Hammelburg (BY)
84+36 CH-53G instructional **V65-34** jul19
The fuselage of the CH-53 is on the range at N50.0586, E9.82990.

Illesheim (BY)
58506 Mi-8MTV-1 instructional **94512** jul20
The former Pakistan and Afghanistan Mi-8 is parked on the ramp of the US Army Air Field.

Lachen Speyerdorf (RP)
(41-25434) PT-17 N4410, as 2934/511 **75-2935** jul20
(A-212) Bf108B-1 D-EIOO, ex Swiss **2086** jul20
(U-59) Bu133C D-EDYI, see note jul20

All are with the collection in the new hangar on the west side of the airfield. The Stearman was last seen under restoration at Pratello Peccioli, Italy, and the Messerschmitt came from Bonn Hangelar. The Bu133 has made its first flight post restoration and is presumed to be the former U-59/D-ENOW,

but this needs confirmation. Also here is Yak-50 D-EYCG (c/n 781310, ex Friburg) and the other aircraft listed in EMOOS (with the exception on the Polikarpov).

Merzig (SL)
 (73+22) UH-1D instructional **8442** sep18
 The UH-1D is at the Auf der Ell barracks at N49.46200, E6.66198. It has non standard brown colours.

Unterreit (BY)
 The location was checked in late June and MiG-21SPS 22+35 was no longer present at the private collector.

Wernigerode (ST)
 The preserved G91R/3 75+00 at the museum shows signs of serial 31+54 underneath the paint, an aircraft which is supposed to be scrapped in the 1980s. It may well be its true serial. The callsign plate in the cockpit is 31+74, an aircraft preserved at Lauben.

Hungary

Börgönd
 (34) Mi-1M stored **W04034** jul20
 The hangar with the three stored Mi-1s was checked and the Mi-1 reported here as 19 is in fact 34 (c/n checked). Strangely this one was still reported in Budapest in 2013, while the three Mi-1s arrived here in 2008. Pictures show them to be two different aircraft. Mi-1s 032 and 36 are still here.

Cegléd
 102 MiG-15bis stored, dismantled **0102** dec19
 819 MiG-21F-13 stored **741819** dec19
 824 MiG-21F-13 stored **741824** dec19

All three came from Szolnok and are stored in a yard at N47.15778, E19.84383.

Kecskemét
 110 An-26 stored **9110** jul20
 405 An-26 stored **3405** jul20
 406 An-26 stored **3406** jul20
 407 An-26 stored **3407** jul20

The An-26 fleet is now stored here, with 406 making the type's last flight on 1 June 2020.

Dunavarsány
 (54 white) Mi-26 preserved **34001212099** jul20
 20 red Yak-28R preserved **7961004** jul20

The Yak (forward fuselage only) came from Szigethalom and the cockpit of the Mi-26 which was reported at Tököl in 2019. Both are now with the collection here. All aircraft listed in EMOOS were also seen with the exception of Mi-8s 2656 and 6212.

Jászberény
 7813 Mi-2 stored **5110028116** dec19
 (9413) Mi-2 HA-BGF, stored **519413095** dec19
 10028 Mi-2 stored **517813082** dec19

Three Mi-2s are at at rescue training facility at N47.50802, E19.92617. They used to be in a police compound in Budapest.

Szeged
 96+27 Mi-24D preserved, boom from 96+10 jul20
 The Mi-24 at the Hadipark has been identified and came from Kövesgyűrűpuszta. Mi-2 94+65/HA-BCM is also still here.

Szajol
 Mi-24D 577 has gone from the garden centre, destination unknown.

Szolnok
 714 Mi-24V preserved, ex airfield **220714** jul20
 716 Mi-24V preserved **220716** jul20

Both are new in the military museum. Also seen was Bf109G-6 3 red (163306) on loan from the museum at Krakow.

Tata
 8913 Mi-2 stored, ex Szántód **518913104** jul20
 49 MiG-21bis stored, ex Budaörs **75081510** jul20

Both are new with the military surplus dealer. The MiG-21 was still painted as 04-072/BW for a James Bond movie.

Italy

Arba (PN)
 The unknown G91T/1 in the private garden, see last month, has been identified as MM54407. It carries no code and came from Cerbaiola (arrived 2011).

Milano Malpensa (MI)
 CPX616 M346 preserved **6963** jul20
 The prototype M346 joined the Volandia collection on 4 July.

Poland

Bydgoszcz (KPM)
 (3208) Su-22M-4 preserved, as 2028 **29308** jul20
 The Su-22, now in red/white/blue colours, is pole mounted inside the gate ow WZL2 and clearly visible from outside (N53.11255, E17.95712).

Slovakia

Bratislava
 B-2744 Mi-2 preserved **5310344097** jun20
 The Mi-2 has been moved from the airfield to the Akadémia Policajného (Police Academy) in the Rača part of town. It is being displayed at N48.20170, E17.17020.

Lithuania

Kaunas
 01 red Su-7B preserved, ex Šiauliai **1503** mar20
 The Sukhoi is preserved at an old fort at N54.90025, E23.98022, together with a yet unknown green An-2.

Turkey

Antalya
 68-0351 F-4E instructional **3408** jul20
 The Phantom is delivered to a local technical high school at N36.94603, E30.84478.

Denizli
 6862/9-862 F-104S preserved **6862** oct19
 A Starfighter is preserved in a small park at N37.74946, E29.09144.

United Kingdom

Cumbernauld, Scotland
 G363 BN Defender stored **2229** jul20
 An ex Ghana Defender has been trucked here from Biggin Hill, presumably for use as a spares source.

Eshott, Northumberland
 Chipmunk T.10 WG458/2/(G-CLLI) arrived here by road from Wickenby on 10 July 2020. It has not flown for several years.

Kemble/Cotswold Airport, Gloucestershire
 Further to last month, the rear fuselage of Jet Provost T5A XW358 MK/59 had been removed by 28 June 2020, and only this part remained by 5 July 2020. The current whereabouts of the cockpit are unknown.

Pirbright, Surrey
 XZ651/O Lynx AH7 **192** jun20
 A Lynx was moved from Middle Wallop to the Army Training Centre on 24 June 2020, where it joins Lynx AH9A ZE380. It is not clear if it is preserved, or in instructional use.

Sutton, Surrey
 The private owner restoring Scout AH1 XP853 has acquired XW796 (ex Lower Marney) to provide spares. The cockpit will probably end up being restored once spares reclamation is complete. It arrived on 19 June 2020.

Tangmere, West Sussex
 The Tangmere Military Aviation Museum has acquired Sea Harrier F/A2 XZ459 R/126 from a private collector. It should make the move to the museum in late summer.

Credit: Phil Adkin, Laurent Heyligen, Rich Hodgkinson, Bill Hyslop, Gordon Wimmer.

Military news & updates



Here it is, the first A330MRTT, serial T-055, delivered to the Multinational MRTT Fleet (MMF). After it was handed over by Airbus on 29 June in Getafe, it arrived in Eindhoven the 30th. (Sjaak Louwen)

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

Austria

Österreichische Luftstreitkräfte (AF)

On 6 July 2020, the Austrian Defence Minister Klaudia Tanner has disclosed the future of both the Österreichische Luftstreitkräfte fifteen Eurofighter EF2000s as well the remaining ageing Saab 105Oe aircraft. Austria currently operates a unique two-fleet system for the Defence of the Austrian airspace with the Eurofighter EF2000 supersonic aircraft for airspace surveillance and the Saab 105Oe subsonic planes for training and complementing the airspace surveillance. The Österreichische Luftstreitkräfte is a part of the Austrian armed forces (Bundesheer) and can ensure around 10 hours of operational readiness per day for airspace surveillance, with 94% covered by Eurofighter EF2000 and 6% by Saab 105Oes. But, if one looks at the neighbouring countries, one can conclude that none of these countries have a two-fleet system for active airspace surveillance.

Due to the end of its technical life, the remaining twelve Saab 105Oes will be phased out and can only be used until the end of 2020. They will be withdrawn from 2021 as pilot training moves overseas. It is still unclear which country is meant by overseas. From 1970, Austria purchased a total of 40 Saab 105Oes lightweight multi-role aircraft with the intention to deploy them in trainer, reconnaissance, interception and ground attack roles. In the 1980s, it already became clear that the subsonic Saabs were inadequate for air combat and airspace interdiction. The Saab 105Oe remained in service as a trainer and surveillance aircraft.

The Eurofighter EF2000 is a quite different story. Austria has for some years been looking to retire the Eurofighter EF2000s it bought in 2003 and replace them with a aircraft that is cheaper to operate. In 2003 the deal was the largest procurement in the countrys history. There are rumours, that oper-

ating costs were too high to sustain operations (USD73,000 per hour was one figure given, although this was disputed by Eurofighter). While Austria had been looking to replace its fifteen Eurofighters with a cheaper aircraft, Defence Minister Klaudia Tanner has said the fleet will be retained as it would be too costly to exit the contract with Airbus (former Eurofighter). Indonesia might be interested to buy the Eurofighters from Austria, please refer to the Indonesia news and updates section.

Iceland

Íslenska Landhelgisgæslan (CG)

A "new" Airbus H225 helicopter will replace the ageing AS332L1 Super Puma TF-LIF which is in service since March 1998. The successor is the former LN-ONJ and is expected to be delivered by this years end. The contract for the lease of the helicopter was signed on 19 June 2020.

This is the third TF-GNA in the inventory of the Icelandic Coast Guard (ICG, Landhelgisgæslan). The registration TF-GNA refers to Gná, the Goddess-messenger in northern mythology. She can make her way through the fire and through the air, above the earth and the sea, personifying a light wind.

The first aircraft that used this registration was ex US Coast Guard Sikorsky HH-52A (USCG 1411) that was delivered somewhere in 1972, but unfortunately crashed on 3 October 1975. The second TF-GNA was AS332L1 Super Puma, delivered on 2 June 2007 and leased for a period of multiple years. The contract ended in May or June 2019.

H225				
TF-GNA	ICG	o/o, ex LN-ONJ	2918	

Italy

LIPI = Rivolto (UD)

Aeronautica Militare (AF)

HH-101A				
MM8175/15-14	Leonardo	ex ZR353/Leonardo	50274	jun20

M346				
CPX616	pres Volandia	ex std Aermacchi	6963	jul20
CPX625	Leonardo	new		jul20

On 13 July 2020, the first prototype of the Leonardo (former Aermacchi) M346 LLFA light combat aircraft made its first

flight from its factory field Venegono (VA). In 2016 Leonardo launched a programme to develop the M-346 (basic) trainer as a combat aircraft, an evolution which had been planned for the design already. In July 2016, The Fighter Trainer version was launched at the Farnborough Airshow. The M-346FT integrates a wide range of systems and sensors for tactical support and air defence, a tactical data link, a self defence system, recognition and targeting sensors and a series of weapon systems. The M-346FT was a development of the M346AJT (Advanced Jet Trainer), which was further evolved into the new M346FA (Fighter Attack) version. This version features the introduction of reinforcement of the airframe, some elements of the wing, and the rear fuselage section. The aircraft can be equipped with a variety of missiles, cannons and guided bombs making it an ideal light attack aircraft. The M-346FA was a further evolution of a family concept designed to create a common base able to answer to the different air forces requirements in very quick times, the company announced Sunday. Several air forces have already expressed their interest in it. With seven pylons for external loads, the M-346FA will also be able to operate very effectively as multi-role tactical aircraft, capable of air-to-surface, air-to-air and tactical reconnaissance missions. With the first production prototype CPX625, the M-346FA has been renamed LFFA (Light Fighter Family of Aircraft).

MB339A/PAN

MM54547/0 pres LIPI ex 7/313^o Gruppo **6768** apr17
Aviazione dell' Esercito (AR)

UH-169B

MM81977/E.I.108 2^o Reggimento ex CSX81977 **69115** jul20
On 10 July 2020, Leonardo announced the delivery of the first of two UH-169B (Italian military designation of the AW169) basic training twin engine helicopters to the Aviazione dell'Esercito of the Esercito Italiano (Italian Army). During an official ceremony held at Lamezia Terme (CZ) with the 2^o Reggimento Aviazione dell'Esercito sirio', UH-169A MM81977/E.I.108 was handed over. On 19 July 2010, AgustaWestland (fore runner of Leonardo) announced the development of the AW169 at the Farnborough International Air Show. The AW169 weighs roughly 4,500 kg and can accommodate 7-10 passengers. The AW169M designation is for the militarised variant, with adaptations for troop transport, utility support, maritime patrol, armed reconnaissance and close air support operations.

On 15 April 2020 the Italian Ministry of Defence ARMAE-REO (Air Armaments and Air worthiness Directorate) signed a second contract for the acquisition of fifteen Leonardo

AW169M helicopters in MA (Multiruolo Avanzato) configuration. This second contract follows the on 20 December 2019 signed contract to the launch of the Light Utility Helicopter (LUH) program for the replacement of a wide range of helicopters within the Esercito Italiano (Italian Army). In this first contract ARMAE-REO already ordered two examples in ABC (Addestratore Basico Commerciale) configuration. The second UH-169B is expected to be handed over in the next few months.

Marina Militare (NY)

SH-90A

MM81594/3-19	Grupelicot 4	new	HITN18	apr20
MT81610/3-35	Leonardo	ex CSX81610/3-36		jun20
CSX81611/3-36	Leonardo	new		may20

Vigili del Fuoco (PO)

In June 2020, Erickson S-64F Skycrane N237AC (construction number 64-095) was seen at Rogue Valley International/Medford Airport (OR), USA, doing some ground tests. This firefighting helicopter was destined for the Vigili del Fuoco). After doing their ground tests, the crew returned to Ericksons Willow Springs facility in Central Point (OR). N237AC was built as US Army CH-54B Tarhe 70-18487, and after decommissioning rebuilt by Erickson into an S-64F Skycrane. It was noted already painted in full red and white colours and carries Vigili del Fuoco titles. On 26 June 2020 it was delivered on board an Antonov An-124 of Volga-Dnepr registered RA-82046. After its arrival is was registered I-CFAM, named 'Aquila Rossa' and delivered to the Reparto Volo Nazionale at Roma-Ciampino (RM).

AW139

VF-143	RV Bologna	ex I-EASZ/Leonardo	31877	may20
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S-64F

I-CFAM	RV Nazionale	ex N237AC	64-095	jun20
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Guardia Costiera (PO)

AB412HP(CP)

MM81473/9-05	to Uruguay as 041 at Frosinone (FR)	25718	may20
MM81511/9-09	to Uruguay as 042 at Frosinone (FR)	25722	may20

PH-139E

MT81973/11-16	Leonardo	new	81908	jun20
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Norway

Norske Luftforsvaret (AF)

AW101 Mk612

0278	OT&E	d/d 24jun20	50278/NOR10	jun20
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Kystvakt (CG)

NH90-NFH (CG)

217	337 skv	f/n	1217	jun20
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The Dutch F-35As are born in Cameri, Italy. Seen here is F-012. It made its first flight on 18 June 2020. Subsequently it was delivered to 322sq at Leeuwarden on 14 July, but not with this glorious sunshine obviously... (Cameri, 25 June 2020, Mauro Finati)



On the 13th of July this LLFA (Light Fighter Family Aircraft), made its maiden flight. With this, Leonardo hopes to tap into the lucrative light weight fighter/attack aircraft market. (CPX625, Varese/Venegono, Fabrizio Capenti)

Spain

LFTB = Marignane-Berre	LFTH = Hyères			
Ejército del Aire (AF)				
C295M				
T.21-03/35-03	353 Esc	ex 35-41	004	jul20
CASA 101EB				
E.25-09/79-09	741 Esc	ex AGA, Aguila c/s	009	jul20
E.25-83/74-35	AGA	ex 741 Esc	092	jun20
CN235-100M				
T.19B-19/744-19	744 Esc	ex 74-19	C076	jun20
NH90-TTH				
HD.29-17/803-17	Airbus LFTH	#10..., o/o	1426	jun20

Sweden

Flygvapnet (AF)				
JAS39E				
396003/6003	Saab Aircraft	f/n, grey camo	39-6003	jul20

United Kingdom

Royal Air Force (AF)
 On 19 November 2019, RC-135W Rivet Joint returned to RAF Waddington following an extensive upgrade by L3 at Greenville (TX). The aircraft was the first of twenty RC-135s (three RAF and seventeen USAF) to undergo installation of a so-called glass cockpit. By mid-July 2020, UK certification for this new flight deck lay-out was almost achieved which would release the aircraft again to be used for operations. It was observed flying again for the first time since its return from Greenville (TX) on 3 July 2020. This was a local crew-training mission. The second aircraft for the RAF to undergo these modifications seems to be ZZ665, which was flown to Greenville (TX) during the second part of 2019.

The RAF placed its first formal order for three Protector RG1 UAVs with General Atomics Aeronautical Systems in July 2020. The contract for these three aircraft is valued at £65 million, and all three are slated to remain in the United States for test and evaluation until 2023. After that, they are planned to move to RAF Waddington. The Protector RG1 is the UK version of the MQ-9B Sky Guardian.

We seem to have forgotten to mention that 1FTS was re-activated at RAF Shawbury on 28 February 2020. It replaces the Defence Helicopter Flying School. Previously, 1FTS was responsible for flight training at RAF Linton-on-Ouse but it was de-activate there when the Tucano T1 was withdrawn from use on 25 October 2019.

EGDM = Boscombe Down	EGUW = Wattisham
EGOS = Shawbury	
ADSU Apache Depth Service Unit at Wattisham	
Airbus Airbus Military at Madrid-Getafe (Spain)	
CGS/644VGS Central Gliding School and 644VGS pool at RAF Syerston	
CMF Chinook Maintenance Facility at RAF Odiham	
EGUB Pool 28sq, 33sq and 230sq pool at RAF Benson	
GMS Glider Maintenance Section at RAF Syerston	
Leonardo Leonardo Helicopters at Yeovil	
MDMF Merlin Depth Maintenance Facility at RNAS Culdrose	
P2MF Puma HC2 Maintenance Flight at RAF Benson	
Standard StandardAero at Fleetlands	
TMU Typhoon Maintenance Unit at RAF Coningsby	
WST Wildcat Storage at RNAS Yeovilton	
WZM Wildcat Zonal Maintenance at RNAS Yeovilton	

Atlas C1

ZM405	1312Flt	ex 24/70sq	024	jun20
ZM412	Airbus Military	ex 24/70sq	042	feb20
ZM414	24/70sq	ex 1312Flt	047	jul20

On 25 June 2020, ZM409 was damaged during a bird strike during a post modifications test flight. The aircraft was planned to return to RAF Brize Norton by early-July 2020 but that is obviously delayed.

Chinook HC5

ZH899	27sq	ex StandardAero	M4478	jul20
ZH901	QinetiQ	ex 18(B)sq	M4480	jun20
ZH902	CMF	ex 27sq	M4481	jul20
ZH903	StandardAero	ex QinetiQ	M4482	jun20

Chinook HC6

ZK550	7sq	see note	M7701	jul20
ZK553	7sq	ex CMF	M7704	jun20
ZK556	o/h EGDM	ex 7sq	M7707	jul20
ZK557	CMF	ex 7sq	M7708	jul20
ZK558	7sq	ex o/h EGDM	M7709	jun20
ZK559	7sq	ex o/h EGDM	M7710	jun20
ZK561	7sq	ex o/h EGDM	M7712	jun20

For at least eight months, ZK550 was undergoing maintenance with StandardAero at Fleetlands. On 2 June 2020, it flew to QinetiQ Boscombe Down for further modifications and it was active again with 7sq by mid-July 2020.

Chinook HC6A

ZA675	18(B)sq	ex StandardAero	M7009	jul20
ZA681	27sq	ex CMF	M7002	jul20
ZA684	CMF	ex 7sq	M7011	jun20
ZA707	CMF	ex 18(B)sq	M7035	jun20
ZA712	28sq	ex CMF	M7016	jul20
ZD982	StandardAero	ex 18(B)sq	M7019	jul20
ZD983	7sq	see note	M7022	jul20

ZH896 o/h EGDM ex 28sq **M4459** jul20
 In May 2020, ZD983 was handed over to the Chinook Maintenance Flight (CMF) at RAF Odiham. Previously it underwent maintenance and modifications at QinetiQ Boscombe Down, and it was active with 7sq again by mid-July 2020.

Griffin HAR2

ZJ704 Cobham Helicopter Academy **36304** jul20
 We reported this helicopter as returned to 84sq (RAF Akrotiri) following maintenance at Bournemouth by January 2020. This seems to be incorrect, since the helicopter has been confirmed with the Cobham Helicopter Academy at Newquay.

Hawk T1

Correcting last month, XX238 has not been transported to DCAE Cosford. It is still stored at RAF Shawbury.

Puma HC2

XW204 P2MF ex EGUB Pool **1074** jun20
 ZJ956/Y EGUB Pool ex P2MF **1374** jul20

Tucano T1

ZF510 to N889KT (res 24jun20) **S154/T125** jun20

Typhoon FGR4

ZJ942/942	3(F)sq	ex TMU	BS035	jun20
ZJ946/946	XI(F)sq	ex II(AC)sq/946	BS039	jun20
ZK316/316	XI(F)sq	ex 3(F)sq/316	BS075	jun20
ZK322/322	1(F)sq	ex IX(B)sq/322	BS083	jun20
ZK323/323	3(F)sq	ex 6sq/323	BS084	jun20
ZK327/327	II(AC)sq	ex TMU	BS088	jun20
ZK331	TMU	ex XI(F)sq/331	BS092	jun20
ZK333/333	6sq	ex II(AC)sq/333	BS094	jun20
ZK340/340	3(F)sq	ex 41(TEs)sq/340	BS101	jun20
ZK350/350	II(AC)sq	ex 1(F)sq/350	BS111	jun20
ZK352	TMU	ex XI(F)sq/352	BS113	jun20
ZK366/366	12(B)sq	ex XI(F)sq/366	BS127	jun20
ZK368/368	1(F)sq	ex II(AC)sq/368	BS129	jun20
ZK378/378	1(F)sq	ex II(AC)sq/378	BS139	jun20
ZK424/424	1(F)sq	ex II(AC)sq/424	BS140	jun20
ZK425/425	3(F)sq	ex 1(F)sq/425	BS141	jun20
ZK430/430	1(F)sq	ex II(AC)sq/430	BS146	jun20
ZK434/434	3(F)sq	ex 1(F)sq/434	BS150	jun20
ZK435/435	1(F)sq	ex II(AC)sq/435	BS150	jun20
ZK437/437	3(F)sq	ex 1(F)sq/437	BS153	jun20

On 3 July 2020, ZK327 departed from RAF Coningsby after having received attention with TMU. The jet flew to RAF Lossiemouth where it was to be prepared for deployment to RAF Akrotiri (Cyprus) under Operation Shader. Since II(AC) sq was responsible for the Typhoon detachment under this operation at that point in time we took the liberty to list it under that unit.

Voyager KC3

ZZ334	10/101sq	ex 1312Flt	1033	jun20
ZZ337	1312Flt	ex 10/101sq	1390	jun20

Viking TX1

ZE521	GMS	ex 622VGS/VK	33890	jun20
ZE522	GMS	ex CGS/644VGS/VL	33891	jun20
ZE526	GMS	ex 622VGS/VN	33895	jun20
ZE529	GMS	ex 645VGS/VR	33898	jun20
ZE551	GMS	ex CGS/644VGS/VY	33910	jun20
ZE626/XQ	CGS/644VGS	ex GMS	33971	jun20

Army Air Corps (AR)

Apache AH1

An Apache fleet review was provided to us by ELAS. It brings a substantial number of changes to light so we decided to show the total fleet allocation of July 2020. The Apaches listed with Boeing at Mesa (AZ) are inducted into the AH-64E conversion programme. Also the ones listed as std Huntsville (AL) are part of that programme, they are being stripped for spares in support of conversion. The date mentioned for the aircraft which have been shipped to the United States shows when the helicopter was transported to there. The next Apaches planned to join this programme are ZJ178 and ZJ231, which due to be transported to the USA in August 2020.

ZJ166	Boeing at Mesa (AZ)	WAH1	mar18
ZJ167	Boeing at Mesa (AZ)	WAH2	mar18
ZJ168	Boeing at Mesa (AZ)	WAH3	mar18
ZJ169	Boeing at Mesa (AZ)	WAH4	mar18
ZJ170	Boeing at Mesa (AZ)	WAH5	aug18
ZJ171	std Wattisham	WAH6	jun20
ZJ172	Boeing at Mesa (AZ)	WAH7	may18
ZJ173	Boeing at Mesa (AZ)	WAH8	may18
ZJ174	Boeing at Mesa (AZ)	WAH9	dec18
ZJ175	Boeing at Mesa (AZ)	WAH10	may18
ZJ176	Boeing at Mesa (AZ)	WAH11	jun18
ZJ177	i/a 1710NAS at Portsmouth	WAH12	nov17
ZJ178	std Wattisham	WAH13	jun20
ZJ179	Boeing at Mesa (AZ)	WAH14	mar18
ZJ180	Boeing at Mesa (AZ)	WAH15	jan20
ZJ181	653sq	WAH16	jun20
ZJ182	663sq	WAH17	jun20
ZJ183	std Huntsville (AL)	WAH18	jun20
ZJ184	Boeing at Mesa (AZ)	WAH19	jan20
ZJ185	Boeing at Mesa (AZ)	WAH20	jun19
ZJ186	662sq	WAH21	jun20
ZJ187	656sq	WAH22	jun20
ZJ188	656sq	WAH23	jun20
ZJ189	ADSU	WAH24	jun20
ZJ190	std Huntsville (AL)	WAH25	may20
ZJ191	ADSU	WAH26	jun20



This ZR363 was delivered to Italy on Friday 26 June 2020 as Westland02 and was the last of the HH-101A deliveries to the Aeronautica Militare. (MM81875/15-14, Yeovil, Kevin Wills)



This is the first one of the 3H Version of the EC135 for the Romanian SMURD. The construction number 2123 is clearly visible on the boom but the future serial is unfortunately unknown yet. (Donauwörth, 15 July 2020, Alexander Lutz)

ZJ192	ADSU	WAH27	jul20	ZZ393	Leonardo	ex WZM	491	jul20
ZJ193	std Huntsville (AL)	WAH28	jul20	ZZ395	WST	ex Leonardo	493	jun20
ZJ194	653sq	WAH29	jul20	ZZ406	WST	ex WZM	476	jul20
ZJ195	662sq	WAH30	jul20	Fleet Air Arm (NY)				
ZJ196	673(AHTU)sq	WAH31	jul20	Merlin HM2				
ZJ197	ADSU	WAH32	jul20	ZH854/(269)	814NAS	ex MDMF	RN34	jul20
ZJ198	664sq	WAH33	jul20	Merlin HC3i				
ZJ199	653sq	WAH34	jul20	ZJ137	Leonardo	ex MDMF	50195	jul20
ZJ200	Boeing at Mesa (AZ)	WAH35	jun19	Wildcat AH1				
ZJ202	Boeing at Mesa (AZ)	WAH36	nov17	ZZ403	847NAS	ex WST	473	jun20
ZJ203	673(AHTU)sq	WAH37	jul20	ZZ527	WZM	ex 847NAS	534	jul20
ZJ204	673(AHTU)sq	WAH38	jul20	Wildcat HMA2				
ZJ205	std Huntsville (AL)	WAH39	jul20	ZZ379	815NAS	corr not 825NAS	498	may20
ZJ206	Boeing at Mesa (AZ)	WAH40	dec18	ZZ518	Leonardo	ex 815NAS	523	jul20
ZJ207	673(AHTU)sq	WAH41	jul20	Africa				
ZJ208	663sq	WAH42	jul20	Algeria				
ZJ209	673(AHTU)sq	WAH43	jul20	Al-Quwwat Al-Jawwiya Al Djazairiya (AF)				
ZJ210	663sq	WAH44	jul20	DAAG = Alger-Houari Boumediene Int. airport				
ZJ211	663sq	WAH45	jul20	MiG-23BN				
ZJ212	Boeing at Mesa (AZ)	WAH46	aug18	FM-64	pres DAAG	f/n DB, photo		oct14
ZJ213	ADSU at Wattisham	WAH47	jul20	This MiG-23BN can be found preserved, next to MiG-21UM				
ZJ214	Boeing at Mesa (AZ)	WAH48	aug18	FE-06, at Dar El Beïda, the military part of the international				
ZJ215	664sq	WAH49	jul20	airport of Algiers, at 36°42'18.75"N, 03°13'29.07"E. It is first				
ZJ216	673(AHTU)sq	WAH50	jul20	visible on Google Earth on 24 October 2014.				
ZJ217	663sq	WAH51	jul20	Su-30MKI(A)				
ZJ218	664sq	WAH52	jul20	KF-62	12 EDA	f/n DB, photo		
ZJ219	Boeing at Mesa (AZ)	WAH53	aug18	Angola				
ZJ220	664sq	WAH54	jul20	Força Aérea Nacional de Angola (AF)				
ZJ221	656sq	WAH55	jul20	Kodiak 100				
ZJ222	673(AHTU)sq	WAH56	jul20	R-756	CISP	ex D-FSST	100-0252	jun20
ZJ223	656sq	WAH57	jul20	Mönchengladbach was the place to be for a lot of German and				
ZJ224	664sq	WAH58	jul20	Dutch spotters in the weekend of 27/28 of June. Besides the				
ZJ225	Boeing at Mesa (AZ)	WAH59	mar20	Nigerian Air Force ATR42 NAF930, which was almost ready				
ZJ226	656sq	WAH60	jul20	after been overhauled with Rheinland Air Service (RAS), and				
ZJ227	673(AHTU)sq	WAH61	jul20	the arrival of the Pakistan Navy ATR72, a rare and new bird				
ZJ228	653sq	WAH62	jul20	for the Angolan air force could be noted too. The Kodiak				
ZJ229	Boeing at Mesa (AZ)	WAH63	jul19	100 arrived on 23 June from Memmingen, Germany, where				
ZJ230	450FSP AFH at Wattisham	WAH64	jul20	it was provided with a cartography mission system by SST				
ZJ231	std Wattisham	WAH65	jul20	Flugtechnik GmbH. The Kodiak will operate for CISP which				
ZJ232	Boeing at Mesa (AZ)	WAH66	jun19	is stand for Centre Integrado de Securanca Pblica and is the				
Bell 212 AH3								
ZK067/B	see note	ex JHC	30835	jul20				
On 13 July 2020, ZK067 flew to RAF Brize Norton and it was loaded on board C-17A ZZ171 (24/99sq) which transported this helicopter to Brunei where it will join 7Flt.								
Gazelle AH1								
XW865	StandardAero	ex 29(BATUS)Flt	1119	jul20				
ZB677	std EGOS	ex 29(BATUS)Flt	1978	jul20				
ZB679	std StandardAero,	ex 665sq	1982	jul20				
Wildcat AH1								
ZZ389	WST	ex Leonardo	487	jun20				

Africa

Algeria

Al-Quwwat Al-Jawwiya Al Djazairiya (AF)
DAAG = Alger-Houari Boumediene Int. airport

MiG-23BN

FM-64 pres DAAG f/n DB, photo oct14
This MiG-23BN can be found preserved, next to MiG-21UM FE-06, at Dar El Beïda, the military part of the international airport of Algiers, at 36°42'18.75"N, 03°13'29.07"E. It is first visible on Google Earth on 24 October 2014.

Su-30MKI(A)

KF-62 12 EDA f/n DB, photo

Angola

Força Aérea Nacional de Angola (AF)

Kodiak 100

R-756 CISP ex D-FSST **100-0252** jun20
Mönchengladbach was the place to be for a lot of German and Dutch spotters in the weekend of 27/28 of June. Besides the Nigerian Air Force ATR42 NAF930, which was almost ready after been overhauled with Rheinland Air Service (RAS), and the arrival of the Pakistan Navy ATR72, a rare and new bird for the Angolan air force could be noted too. The Kodiak 100 arrived on 23 June from Memmingen, Germany, where it was provided with a cartography mission system by SST Flugtechnik GmbH. The Kodiak will operate for CISP which is stand for Centre Integrado de Securanca Pblica and is the service that we know in Holland as 112 and in the USA as 911.

MiG-21bis

C311 wfu f/n DB, photo

Cameroon

Armée de l'Air du Cameroun (AF)

Mi-24V

TJ-XRP	B.I.R.	ex SVK 0814	730814
TJ-XRT	B.I.R.	ex SVK 0832	730832

Thanks to the website www.valka.cz we now have the tie-ups between the former Slovakia Air Force serials and the new Cameroon Air Force serials.

Egypt

al Quwwat Al Jawwiya II Misriya (AF)

According to the French website La Tribune, Egypt is in negotiations with France to get additional Rafale fighters jets, armament and equipment for the two Mistral LHDs from MBDA group and amid possibility of resuming negotiations on the sale of addition Gowind corvettes.

France is also trying to block the way on the recent mega Defence deal, that Egypt intends to sign with Italy worth more than 9 billion Euros, which includes also the sale of twenty-four Eurofighter Typhoon jets and twenty-four M346 trainer jets.

LILN = Varese-Venegono, Italy

AW149

...	o/o	f/n LILN, as CSX81980	49054	jul20
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Ka-52

6628	111 AW	f/n, YouTube		jul20
6630	111 AW	f/n, YouTube		jul20

Mi-24V

3071		f/n Sidi Barrani		jun20
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SA342L

3406		c/n update	1497	mar17
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Ethiopia

Ye Ityopya Ayer Hayl (AF)

G120TP

175		f/n, photo		
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MiG-23BN

1268	wfu, ex 12sq	f/n DB, photo		
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Ghana

Ghana Air Force (AF)

EGKB = Biggin Hill, United Kingdom

EGPG = Cumbernauld, United Kingdom

BN-2T

G363	std EGPG	ex stored EGKB	2229	jul20
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This Islander arrived at Cumbernauld, Scotland, by road from Biggin Hill on 14 July 2020.

Kenya

Kenya Army (AR)

H500E

539	Army Flight	w/o 13jul20	0464E	
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Libya

al Quwwat al-Jawwiya al Jamahiryana al Libya (AF)

SF260WL

473	wfu	f/n DB, photo		
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Nigeria

Nigerian Air Force [AF]

DNMK = Makurdi

DNPM = Port Harcourt

AS365N2

NAF526		f/n DNPM		sep17
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This Dauphin was first noted in September 2017 and last noted in January 2018. Most likely this one and the NAF527, which was seen in the same period, are second hand helicopters. After January 2018 both Dauphins were not noted anymore and, as far as we know, they never became operational at all. The Nigerians had also a Mi-24V in their inventory with serial NAF526, what happened with this one is also unknown.

L-39ZA

NAF372	pres Jaji	ex std. DNMK		
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This L-39 is now preserved with the Armed Forces Command and Staff College at Jaji. The Piaggio 149 NAF203 is also preserved here. Unfortunately the aircraft is not yet visible on Google Earth so we cannot give the exact position.



This Typhoon FGR4 ZK361 is operated by joint RAF/QEAF 12(B)sq. It is seen on the taxiway of RAF Coningsby on 23 June 2020. (Bob Ward)



The third RAS Sea Eagle conversion for the Pakistan Navy will be this 77, construction number 808. It arrived at Monchengladbach on 27 June 2020 and many aircraft enthusiasts took the opportunity to catch this gem and re-unite with their fellow spotters. It took some effort to get a good shot like this though. (Rene Liebe)

Tunisia

al Quwwat al Jawwiya at Tunisia (AF)

SA341			
L61-101	31/33sq	f/n DB, movie	jun20
UH-60M			
L82-302/TS-SRR	36sq		jun20
L82-305/TS-SRU	36sq	FMS 27364	jun20
L82-306/TS-SRV	36sq	FMS 27365	jun20

FMS serial of the L82-302 is assumed to be 27361, but confirmation is required.

Asia

Afghanistan

Afghan Air Force (AF)

UH-60A+			
23549	BEST	NOT for Afghanistan	70-270

This Black Hawk has been offered for sale through GSA Auctions per 23 July 2020. The Black Hawk was reported noted at Huntsville IAP (AL) in December 2019 as destined for Afghanistan. This now seems to be not the intention, or it was diverted at a later moment.

Bangladesh

Bangladesh Biman Bahini (AF)

C-130J			
99-5480/S3-AGG	Marshalls	o/o, ex RAF ZH882	5480 jul20
(99-5485/S3-AGH)	Marshalls	o/o, ex RAF ZH887	5485 jul20
Mi-171Sh			
7668	MONUSCA	Bangui, CAR as UN-312P	jun20
7669	MONUSCA	Bangui, CAR as UN-313P	jun20

Both were air lifted to the Central African Republic on 20 June along with a third one.

China

Peoples Liberation Army Air Force (AF)

An-26			
10552	derelict at former Pengshan AFB	ex 748	2404

This An-26 is the remaining wreck out of three that were put aside at Pengsang AFB and that remained there after the air base was vacated by the military.

An-30
Only recently pictures have emerged of what are believed to be about the last An-30s that have been flying with the China military. The three aircraft 874, 880 and 881 were pictured in March at Hanzhong-Chenggu where the Aerial Survey Regiment of the Air Force used to operate them, together with

two others until about 2016.

Starting 1975 China received a total of thirteen An-30 aircraft (serials 871 up to 883), three of which were transferred to the civil register as B-3301, B-3302 and B-3303 that ended their live being scrapped at Taiyuan in 2006.

At least two were transferred to the Xi'an Flying Academy/1st Brigade for bomber training, although this unit needs confirmation. Those two are now preserved at the China Aviation Museum at Xiaotangshan near Beijing. The Aerial Survey Regiment now operates four Y-12Cs and eight recently delivered Y-8F-100.

HYJ-7			
3657/67		Xi'an FA/5th Brigade	jan20
3751/71		Xi'an FA/5th Brigade	jan20
J-10B			
67126		61st Brigade	jul20
67320		61st Brigade	jul20
J-11B			
63101		19th Brigade	jul20
63102		19th Brigade	jul20
63105		19th Brigade	jul20
63106		19th Brigade	0513 jul20
JL-8			
3337/-		Xi'an FA/3rd Brigade	photo

The JL-8 is of interest as it carries no two-digit code and it has its serial in red in the tail.

Y-8			
3253/23		Xi'an FA/5th Brigade	jan20
3259/29		Xi'an FA/5th Brigade	jan20
3350/30		Xi'an FA/5th Brigade	jan20
3351/31		Xi'an FA/5th Brigade	jan20
3358/38		Xi'an FA/5th Brigade	jan20

Y-9
55412 CTC/Transport & SAR Brig ex LH95109x mar20
Having the same colour scheme as 55411 this sighting seems to confirm that both Army Y-9s were transferred to the Air Force.

Y-9DZ (GX12)
-- SAC jul20
Clear pictures have emerged of this latest version of the ever growing Y-8/Y-9 special missions family. As the name suggest it is believed that this aircraft is to be used for ELINT operations, for which it has all kinds of antennas under and on the side of the fuselage. Being unpainted especially the big antenna housing skin in the aft fuselage is striking (for ESM/ELINT antennas?). Although no official mention of the aircraft has been made it is deduced that in addition to the

ELINT role, the aircraft can be used for SAR surveillance, communication jamming and PSYOP operations. With this unpainted aircraft being the second, number one with serial 745 flew for the first time in 2017.

Z-8K
51317 ETC/Transport & SAR Brigade jul20
Peoples Liberation Army (AR)
The helicopters noted during July were seen at the helicopter overhaul facility at Taipingsi. Whether all will return to their unit remains to be seen.

HC-120
LH907327/27 Training Base/3rd Reg photo

Mi-8
LH905806/06 Training Base/1st Reg jul20

Mi-171
LH992760 72nd Brigade jul20

Mi-171 Salon
LH98788 ex 2nd LH Regiment jul20

S70C-2
LH972226 77th Brigade ex LH922xx mar20
LH972263 77th Brigade ex LH922xx mar20

Z-8G
LH971879 76th Brigade photo
LH971880 76th Brigade photo

Z-9WA
LH972909 77th Brigade mar20
LH972918 77th Brigade mar20
LH972919 77th Brigade mar20

Z-9WZ
LH953921 161st Brigade photo
The helicopter was noted flying for the 82nd Brigade.
Peoples Liberation Army Navy (NY)

Y-8J
9291 2nd Div/4th Reg cvtd from Y-8X **060803** jul20
It is very likely that also 9261 and 9271 have been converted from Y-8X to Y-8J by now, but we have seen no confirmation on that.

Y-8Q
82015 1st Division jul20

India

Bharatiya Vayu Sena (AF)
Amid the ongoing row with China in eastern Ladakh, the

Indian Air Force has pushed a proposal to the government for acquiring 33 new fighter aircraft. The IAF has been working on this plan for some time but they have now fast-tracked the process and the proposals expected to be worth over USD 800 million would be placed before the Ministry of Defence (MoD) for its final approval at a high-level meeting late June 2020. The proposal contains the acquisition of 21 MiG-29s and 12 Su-30MKIs from Russia.

India and Russia have been negotiating the purchase of MiG-29 and Su-30MKI fighter aircraft since 2019. A top-level IAF team visited a Russian facility to check the MiG-29 fighters that Russia offered to India to help the IAF to meet its requirement of new fighters. The IAF also carried out a study to check if the airframes of the MiG-29s are good enough for it to operate for a long time and they were reported to be in almost new condition. The MiG-29 is familiar with the IAF pilots, but the ones offered by the Russians are different from the ones in the Indian inventory. So a possible acquisition of the aircraft might raise questions with the MoD. We assess this acquisition, if ever realised, will take a long discussion.

The Su-30MKI Flanker fighter aircraft will be built by Hindustan Aeronautics Ltd (HAL) in Nasik. The additional Sukhois are required to replace the number of aircraft lost in different accidents. India had placed orders for 272 Flankers over a period of 10 to 15 years in different batches.

Although Hindustan Aeronautics Ltd (HAL) already reported in February 2020 that they agreed on the overall costs picture on the deal for 83 Tejas Light Combat Aircraft (LCA), livefirst-defence.com reports that the deal is likely to be rewarded to HAL in December 2020. The complete paperwork is awaiting final clearance from Indias Finance Ministry.

When the finance clearance is given, the contract can be signed. The negotiations for the 83 aircraft already started in November 2016 and just took to February this year to have them finalised to the current quote of USD 5.5 billion. Once the contract is inked, HAL promises to start deliveries of the Tejas Mk1A in three years. To keep the production lines open, an intermediate contract for 18 Tejas LCA Mk1 Trainer aircraft is under review at this moment.

Rafale EH
BS002 Dassault Aviation f/n jun20
It was still expected that the first Rafales would be delivered to India in July 2020. So it might be that by the time you read



New RSAF CH-47F 88160, still with test registration N271GG, was photographed at Wilmington/Newcastle (DE). The Chinook was on a test-flight from the nearby Boeing Chinook production facility at Ridley Township (PA). (23 July 2020, Vincent Games)



Cazaux in sunny southern France is an interesting place as a dozen M346s of the Republic of Singapore are based here. Django Bruinink drove south to capture these two, serial 325 & 331, on finals over the lake. (7 July 2020)

this Scramble issue, the first batch has been delivered.

Indonesia

Tentara Nasional Indonesia - Angkatan Udara (AF)

Strange acquisition news came mid-July when defence minister Prabowo Subianto sent a letter to Austria requesting to buy their fifteen Eurofighter Typhoons. The deal to obtain 11 Su-35S from Russia has been problematic as we reported before. However, this Austrian move comes only two days after the Russian ambassador to Indonesia Lyudmila Vorobieva said that the contract for the Sukhois was not cancelled and the deal can still materialise!

Three Sukhois have been transferred from Sku11 Sultan Hasanuddin air base in Makassar, Sulawesi, to Sku14 at Iswahyudi air base in Madiun, Java. This is intended to fill the gap after that unit withdrew its F-5E/F in 2016. Aircraft involved are Su-27SK TS-2701, Su-30MK2 TS-3001 and TS-3002. We have updated our database accordingly.

Tentara Nasional Indonesia - Angkatan Darat (AR)

Even stranger acquisitions news is that Indonesia sought and found approval to buy eight MV-22B block C from the USA under Foreign Military Sales conditions. The total package includes training, spare parts and ground equipment and would set back the armed forces for 2 billion US\$. That is an enormous amount of money and would constitute over 20% of the total yearly defence budget. It would be neat though!

Japan

Nihon Koku-Jieitai (AF)

As expected, the US State Department approved the sale of an extra 63 F-35A and 42 F-35B aircraft via the FMS program. Japan already procured 43 F-35As of which 18 are delivered. The F-35As will continue to be manufactured at Nagoya, we do not know if this will be the case for the F-35Bs. It is odd new Mitsubishi build F-35As have not been seen after delivery of 09-8718 in January this year. The COVID-19 crisis will be a contributing factor.

China has moved its main base for operations to the disputed islands much closer to these Japan-controlled islands. It is now using a base in Fujian province, a mere twenty minute flight to the area. Therefore Naha based 9 Kokudan (204 and 304 Hikotai) now scrambles four Eagles in response to all Chinese military aircraft departing from the new base, not waiting till aircraft are approaching Japanese airspace.

RJNA = Nagoya/Komaki RJNG = Gifu
 RJNK = Komatsu
 ADC = Shireibu Hikotai ARS = Kyunantai

ARW = Koku Kyunandan FTS = Kyoiku Hikotai
 W-ADF = Seibu KHS ShHik

KC-130H

95-1081 401 Hikotai nb, ex IRAN **382-5170** jun20
 This is the third Hercules converted to KC-130H, still without unit badge.

F-2A

93-8553 3 Hikotai ex nb **1053** jun20

F-2B

33-8116 21 Hikotai? nb, ex 3 Hikotai **3016** jun20
 33-8118 21 Hikotai ex nb/IRAN **3018** jul20
 33-8121 3 Hikotai ex nb, unit confirmed **3021** jun20

F-2B 116 was seen departing Hyakuri without unit badge. Its new unit is surmised but we believe the 21 Hikotai F-2B, which visited Hyakuri on the same day, brought the ferry pilot for 116.

F-4EJ Kai

87-8404 wfu RJNK ex 301 Hikotai **M104** jun20
 This Phantom was seen with a 306 Hikotai unit badge, probably being prepared for display at the gate of Komatsu.

F-15DJ

22-8056 303/306 Hikotai nb, ex IRAN **722/006** jul20
 92-8097 204 Hikotai ex IRAN **047** jul20

F-15J

22-8802 o/h RJNA nb, ex 304 Hikotai **548/002** jul20
 22-8810 203 Hikotai ex nb/IRAN **600/010** jul20
 32-8819 203 Hikotai ex nb/IRAN **019** jul20
 32-8823 203 Hikotai ex nb/IRAN **023** jul20
 52-8860 303 Hikotai ex 203 Hikotai **060** jun20
 62-8877 203 Hikotai ex IRAN **077** jul20
 72-8886 o/h RJNA nb, ex 203 Hikotai **086** jun20
 72-8894 o/h RJNA nb, ex 203 Hikotai **094** jul20
 92-8913 204/304 Hikotai nb, ex IRAN **113** jul20
 02-8915 o/h RJNA nb, ex 204 Hikotai **115** jul20
 22-8931 204/304 Hikotai nb, ex IRAN **131** jun20
 32-8943 204 Hikotai ex IRAN **143** jul20
 42-8945 o/h RJNA nb, ex 304 Hikotai **145** jun20
 62-8959 o/h RJNA nb, ex 204 Hikotai **159** jun20

F-15J Mod.

92-8906 o/h RJNA nb, ex 306 Hikotai **106** jul20
 02-8918 306 Hikotai prev. l/n nov18 **118** jun20

F-35A

79-8704 o/h RJNA ex 302 Hikotai **AX-04** jul20
 First F-35A to receive overhaul with Mitsubishi at Nagoya. It arrived with 302 Hikotai unit badge.

UH-60J

18-4576 ARW Nyuta ARS? ex IRAN **2026** jul20
 78-4585 ARW IRAN at RJNA **2035** jun20

T-4

96-5613	o/h RJNG	nb, ex 31 FTS	1013	jul20
96-5620	301 Hikotai	Active	1020	jul20
06-5650	Misawa	nb, ex 3 Hikotai	1050	jul20
16-5669	Chitose	nb, ex ADC	1069	jul20
26-5676	W-ADF	ex IRAN	1076	jul20
26-5679	13 FTW	Active	1079	jun20

Slowly also regular units start to operate the T-4 again. It looks like T-4s 650 and 669 are operating for all the units on their respective bases.

T-33A

71-5296	Kasama-shi	fwd fus, faded serial	1096	mar20
71-5307	Daigo-cho	fwd fus, faded serial	1107	jun20

Two T-33A forward fuselages are still lingering on in Japan. Previously we had both in our database as returned to the US MoD. Apparently both were sold to private individuals. T-33A 296 is "preserved" at the Ono Cooling Service Warehouse on the edge of the road somewhere in the Koibuchi part of Kasama city in Ibaraki prefecture.

T-33A 307 is one of five T-birds that were dumped near Hyakuri in August 1996. It is now placed in the (junk) yard of the Japan Space Land, Sea and Air museum (it probably never opened) and is almost overgrown, parts of the wings, tanks and tail are/were dumped close by. Location is part of Daigo-cho, a town in the Kuji district of Ibaraki prefecture. From the intersection of roads 22, 33 and 461, follow the 22 towards the east to Inohana Pass, after 3,2 Km the road curves sharply to the south-west and the "museum" is directly on the exit to the north-east.

U-125A

92-3012	ARW	NyutaARS, ex IRAN	258360	jun20
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Rikujo Jieitai (AR)

RJFT = Kumamoto/Takayubaru

RJNG = Gifu

AH-1S

73457	? Taisen.Her.	at RJFT, ex VATH?	57	jul20
73465	IATH	ex IIIIATH	65	jul20

UH-1J

41848	Yao	no unit code	1J48	jun20
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It was previously operated by Utsunomiya Kou, also without unit code but with the white 'last three' training code. These have been removed.

XUH-2

45001	MoD/ATLA	operating from Yao		jul20
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OH-6D

31262/IATH	Obihiro-shi	JGSDF camp Obihiro	6573	sep19
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Preserved at this army camp, last noted as a 5 Hikotai asset.

CH-47JA

52968	o/h RJNG	no code, ex HGPVI	5072	jul20
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UH-60JA

43103	WH?	ex IRAN, code nn	4003	jul20
43128	o/h RJNA	ex IHB	4028	jul20

UH-60J JG-3103 was seen at Takayubaru, accompanied by a confirmed WH coded UH-60JA.

AH-64DJP

74513	IIIATH	Active, visiting RJFT	JP013	jun20
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V-22B

91701	Yuso Kokutai?	At Kisarazu	D0312	jul20
91705	Yuso Kokutai?	at Kisarazu	D0326?	jul20
169431	Bell-Boeing	test at Amarillo, TX		jul20

V-22B JG-1705 was the first JGSDF Osprey which was ferried from Iwakuni to Kisarazu on 10 July. JG-1701 followed on 16 July. Both are to become part of Yuso Kokutai (Transport Aviation Group) and will be operated by 107 and 108 Hikotai. Obviously no unit code was applied yet.

Kaijo Jieitai (NY)

RJNG = Gifu

nmks = no tail unit-number

MH-53E

8625	to USA	ex 111 Kokutai	65-563	jun20
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This is the sixth former JMSDF MH-53E ferried to the USA and will also be used for spares recovery. It was seen on a lorry on Interstate 15 in California.

SH-60J

8286	24 Kokutai	ex IRAN	1076	nov19
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SH-60K

8409	21 Kokutai	ex IRAN	5009	jun20
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Exercise HK36 was held in Taiwan mid-July. The Gaomei Wetlands near Taichung Port proved a good place to see the action, like these RoCAF F-16Bs, serials 6811 & 6821. (16 July 2020, Reinier Schreurs)

8468	Mitsubishi HI	f/n, test at Nagoya	5068	jul20
P-1				
5503	o/h RJNG	nmks, ex 51 Kokutai	3	jul20
5510	3 Kokutai	ex nmks	10	jun20
5526	1 Kokutai	ex nmks	26	jun20
P-3C				
5075	5 Kokutai?	ex nmks	9072	jul20
5093	2 Kokutai	ex nmks/5Kok	9090	jul20
5100	5 Kokutai?	nmks, ex IRAN?	9097	jul20
OP-3C				
9134	81 Kokutai	ex nmks/IRAN	9055	jun20

Philippines

Hukbong Himpapawid NG Pilipinas (AF)

A-29

By the time the Scramble is printed (on 29 July) about six A-29 Super Tucanos should have been delivered for use by the 15th Strike Wing.

S-70i

The first of twelve ordered S-70i made its first test flight from Mielec, Poland in June.

Hermes 900/450

The government announced this year it will receive six more Hermes 900 medium altitude long endurance unmanned aerial vehicles (MALE UAV) from Elbit systems. These aircraft come in addition of Hermes 450 and Hermes 900 aircraft that both have been flying around since 2019.

Singapore

Republic of Singapore Air Force (AF)

The fallout from the global COVID-19 pandemic delayed the deliveries of new submarines and helicopters from Europe and the United States to Singapore.

Speaking to media via video conference during Singapores annual armed forces day, Defence Minister Ng Eng Hen confirmed that initial deliveries of the Airbus Helicopters H225M medium-lift and Boeing CH-47F Chinook heavy-lift helicopters for the Republic of Singapore Air Force (RSAF), which were due to start at the end of this year, will now take place in early 2021 instead.

He attributed the delays to disruptions in global supply chains arising from the pandemic, although he expects the delivery of the first four of up to twelve Lockheed Martin F-35B Lightning II Joint Strike Fighters to be on track for a 2026 start.

Mr. Ng also said that military training is getting back on track, after the suspension of basic training for the conscript army with enlistees sent home. Basic military training resumed in late May, and overseas military training is also expected to restart soon. This includes the participation in the upcoming Rim of the Pacific, or RIMPAC, a multinational naval exercise, which is due to take place in Hawaii in August. Singapore will send a frigate to the exercise, which will be taking place amid precautions and restrictions to limit to potential spread of COVID-19. The RSAF is also in discussions with Australia about resuming training. The two countries have agreements in place for Singaporean military aircraft to conduct unilateral training in northern Australia, utilizing the vast airspace, good weather and training ranges that are not available in Singapore.

South Korea

Dae Han Min Guk Gong Gun (AF)

South Korea's Defence Acquisition Program Administration is planning to buy more airborne surveillance and intelligence gathering aircraft. It did not specify aircraft types but it seems logical more Boeing E-737 AEW&C and Falcon 2000EX will be acquired.

The RoKAF will procure twenty TA-50 Block-2 aircraft, replacing KF-16s. Probably the KF-16 will then replace the KF-5s.

First KF-X is getting shape at the KAI factory and GE Aviation delivered the first F414-GE-400K engine in June. Kai plans to roll out the joint Indonesian and South Korean 5th generation fighter prototype in April 2021, with first flight in 2022.

We received a list containing all active Northrop built F-5E and F-5F with wing assignments. A mere 51 F-5E/Fs remain active. All 1 FW Tigers are operated by 206 Fighter Squadron from Gwangju. Below are all updates in our database with remarks.

F-5E

01-472	Changwon	Cangshin university	R1104	oct19
50-524	wfu	ex 18 FW/112 FS	R1257	sep19
50-525	wfu	ex 18 FW/105 FS	R1263	oct15
50-526	wfu	ex 18 FW/205 FTS	R1264	oct15
50-527	wfu	ex 18 FW/205 FTS	R1267	oct09
50-573	wfu	ex 18 FW/112 FS	R1276	oct16
50-574	wfu	ex 18 FW/105 FS	R1277	oct16
50-576	wfu	ex 8 FW/203 FS	R1279	apr03
50-581	wfu	ex 18 FW	R1284	sep04
50-583	wfu	ex 18 FW/112 FS	R1286	oct05
50-588	1 FW	ex 8 FW(l/n oct11)	R1299	
50-592	1 FW	ex 18 FW (l/n oct16)	R1303	
50-593	1 FW/206 FS	ex 10 FW (l/n oct16)	R1304	jun20
50-597	wfu	ex 8 FW/103 FS	R1315	oct05
50-603	1 FW	ex 18 FW (l/n oct15)	R1329	
61-643	1 FW	ex 18 FW (l/n mar19)	R1330	
61-645	wfu	ex 18 FW	R1333	apr03
61-646	1 FW	ex 8 FW (l/n oct05)	R1334	
61-648	1 FW	ex18 FW(l/n feb19)	R1336	
61-651	wfu	ex 8 FW/203 FS	R1349	oct02
61-652	1 FW/206 FS	ex 18 FW (l/n oct19)	R1350	jun20
61-653	1 FW	ex 18 FW (l/n feb19)	R1351	
61-654	wfu	ex 18 FW/112 FS	R1352	oct11
61-662	wfu	ex 8 FW/103 FS	R1363	apr07

The 1 FW Tigers without the last note date have not yet been seen with this unit but come from the mentioned list. 206 FS should now have 26 F-5E/Fs and even received some aircraft seen in October 2019 with 18 FW.

F-5F

50-738	wfu	ex 1 FW/206 FS	W1004	oct15
80-774	wfu	ex 18 FW/105 FS	W1021	oct16
80-776	1 FW	ex 18 FW (l/n oct19)	W1023	

KF-16C-52

93-061 19 FW RKF-16C, no badge **KC-41** jul20
Modified to carry the ELTA developed CONDOR2 reconnaissance pod. It is believed at least ten KF-16s have the same capability. Probably operated by 159 Tactical Recon Squadron.

F-16D-32

84-373 19 FW 10.000 hours badge **5B-4** jun20
First F-16 in RoKAF service to make 10.000 flight hours. To celebrate this it received a sticker resembling the Korean emblem of harmony and prosperity, the 'Taeguk', containing the number 10.000 and an F-16 silhouette.

F-35A

20-019	RoKAF	to Luke AFB	AW-19	may20
20-020	RoKAF	to Luke AFB	AW-20	may20

Probably Luke AFB was a stopover before the ferry-flight to South Korea.

Thailand

Royal Thai Air Force (AF)

H135

...		o/o ex D-HECC	2126	
...		o/o	2130	

The first of six H135s have shown up at Donauwörth for flight testing. During the Singapore Airshow a contract was signed between the Royal Thai Air Force and Airbus for the acquisition of six H135 helicopters for delivery in 2021, so slowly

more info is expected to come in the next few months. With H10 being the Thai type designation of the last helicopter received (H225M), we can expect that this helicopter will receive the serial H12-1/64, although we have to wait for the official handover to know it for sure.

Royal Thai Army (AR)

Ce182T			
HS-RXA	21st AvBat	ex N860MT	18283075
HS-RXB	21st AvBat	ex N860NT	18283076
HS-RXC	21st AvBat	ex N860QA	18283077

The three Cessnas were noted in a olive drab camouflage scheme air testing from Don Muang in March after delivery to the Bureau of the Royal Household. All three US registrations were cancelled on 4dec20. The aircraft have been donated by the King to the Army who will use the aircraft with 21st Aviation Battalion in the utility role from Lopburi-Saphan Nak. They flew from Don Muang to Saphan Nak on 16 July using the Backbird (21AvBat) call sign, but still wearing the civilian registration

G500

In the procurement plan for 2021 the Army has indicated it will spend 43.5 Million US dollars for a VIP aircraft that is going to replace the two Beech 1900s. Because the amount of money equals the brochure price of a Gulfstream G500 it is widely speculated that that will be the aircraft on order. Also the argumentation of replacing the Beech 19000 is a bit mysterious as both have been stored at Don Muang for at least eight years.

UH-60A

All three recently delivered UH-60As are now operational by 9th Aviation Battalion.

Police (PO)

DHC-6-400			
35973	for Police	ex C-FBLZ, N973VK	973

Latin America

Bolivia

Fuerza Aérea Boliviana (AF)

CeU206G			
FAB-380	GAE21	ex CP-2547	U20606931

Its identity is now known.

Chile

Fuerza Aérea de Chile (AF)

C-47A
963 pres MNAE corr. not ex 43-48854
That identity belongs to South African C-47B 6847.

Colombia

Fuerza Aérea Colombiana (AF)

The air force has acquired a second Cessna 525 Citation Jet, as a replacement for Citation 550 FAC1211, which was retired on 27 September 2019.

GACAS = Grupo Aéreo de Casanare

SKYP = Yopal/EI Alcaraván

Ce337G			
FAC5205	std SKYP	retired mid-jul20	33701792

Ce337H			
FAC5201	std SKYP	retired mid-jul20	33701823

Both Cessna 337s have been retired. The former Air Scan push-pulls were delivered in 2001, paid for by Ecopetrol for monitoring oil-pipelines and operated by GACAS from Yopal. Thanks to Ian Carrol for helping us out with the tie-ups!

OH-58A

(FAC4536)/36	for sale for scrap, Lanett (AL)	40564	jun20
(FAC4556)/56	for sale for scrap, c/n confirmation	42168	jan18

We had "36" or "56" with msn **42168** taken from a picture with only part of the code being readable, which turned out to be "56".

Ejército de Colombia (AR)

UH-60L			
EJC2176	BAAV 2	w/o 21jul20	702664

Cuba

Defensa Anti-Aérea y Fuerza Aérea Revolucionaria (AF)

MUHG = Holguín

MUSA = San Antonio de los Baños

Mi-8T

70	w/o 1990	
94	f/n	photo

Mi-17

109	f/n, photo	1996
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MiG-19P

71	w/o 01dec61	
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Alex Farwell kindly provided this image of the third Boeing F-15QA destined for the Qatar Emiri Air Force. The Eagle was flying with call sign RED64 and blasting away from St. Louis Lambert International (MO) on 30 June 2020. It was the first flight of the third F-15QA. As can be seen the aircraft is not painted yet but a small serial is present on the tail: "17003". We are now certain the full USAF Fiscal Year serial is 17-0003.



San Juan, Puerto Rico sees interesting military traffic from time to time and has some good spotting places as well. This MC-12W (09-0626) should be operated by 185th SOS of the Oklahoma ANG according to our database. (26 June 2020, Johnny von Rod)

80			photo
81	w/o 19jan63		
82			photo
84	w/o 21dec63		
85			photo
88	pres MUSA	ex Museo del Aire	photo
89			photo
..	w/o feb65		

Ten or twelve MiG-19P were delivered in the second half of 1961, probably from 684 GwIAP at Tiraspol (Moldovan SSR). Listed are confirmed serials and reported crashes. MiG-19s were relegated to reserve duties after the first MiG-21F-13s had been handed over in the Spring of 1963. Survivor 88 is preserved at San Antonio de los Baños.

Yak-40

FAR12-47	Cubana c/s	f/n	9011060	photo
FAR12-47	to CU-T1232	by	9011060	mar89
12-50	re-registered	to FAR-14-50	9021360	
FAR14-50	Cubana c/s	f/n, photo	9021360	jan88
FAR14-50	to CU-T1450	by	9021360	mar95

Both first notes fit in between other sightings of the same aircraft.

Dominican Republic

Fuerza Aérea de República Dominicana (AF)

The Dominican Republic has requested the US Navy for ten surplus T-34C Turbo-Mentors via the Excess Defence Articles (EDA)-program. The request was allocated on 11 May 2020, which does not mean the aircraft will be delivered, but they would surely enhance training capabilities. The number of T-35 Pilláns has been diminished by crashes and the FARD has operated T-34Bs in the past.

Ecuador

Fuerza Aérea Ecuatoriana (AF)

Cheetah C

FAE-1346	Esc2112	f/n, ex ZAF 346?	mar19
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Likely one of two ordered in 2015.

El Salvador

Fuerza Aérea Salvadoreña (AF)

ECyB = Escuadrón de Caza y Bombardeo
MSLP = Comalapa
MSSS = Ilopango

A-37B

422	pres MSLP	ex ECyB	43522	2018
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This Dragón was damaged on 31 January 2010 at the Ilopango air show and never flew again.

H369D

30	pres MSSS	c/n update	1280394D
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UH-1H

288	i/a MSSS	ex std MSSS	9153	2018
299	pres San Salvador,	ex std MSSS	9102	feb11

Huey 288 wears a red/white colour scheme and is in use by the airport fire brigade, and 299 is preserved with the Escuela Militar "Capitán General Gerardo Barrios" in Antigua Cuscatlán, San Salvador, at 13.68363N 89.25514W.

Honduras

Fuerza Aérea Hondureña (AF)

EdH = Escuadrón de Helicópteros

UH-1H

950	EdH	w/o 14jul20
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Jamaica

Jamaica Defence Force (DF)

Bell 429

JDF H-36	2nd Flight	c/n update	57338
JDF H-37	2nd Flight	c/n update	57339
JDF H-38	2nd Flight	f/n, photo	57357 jul20

These are the first three for a total order of nine (!) Bell 429s, which will replace both the Bell 407 and 412 with the JDF.

Mexico

Fuerza Aérea Mexicana (AF)

PT-13/17

(6100)/100	pres Mexico City f/n, video	jul20
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Early July, a video appeared of a Stearman in front of a large building with Fuerza Aérea Mexicana-titles on it. The Stearman carried code 100 on its nose and may just have been placed on its pedestal as the nose was still wrapped in plastic. The location may be near the SEDENA HQ in Lomas de Sotelo (CDMX). SEDENA is the Mexican Ministry of National Defence. Guardia Nacional - Policía Federal (PO)

B727-264

PF-401/XC-MPF	re-registered as GN-401	22664
GN-401/XC-MPF	Guardia Nacional, ex PF-401	22664 jul20

UH-60M

PF-110	re-registered as GN-110	703397
GN-110	Guardia Nacional, ex PF-110	703397 jul20

For the joy of your editor, the (former) Policía Federal aircraft receive new prefixes following incorporation in the Guardia Nacional (national guard). The colour of this Black Hawk also changed from even dark blue to white/silver with black accents...

Peru

Fuerza Aérea del Perú (AF)

F280FX

672	EFOPI-51	f/n, ex N881GE	2169	jul20
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Mi-17-1V
664 Esc341 w/o 07jul20 **419M29**

Uruguay

Aviación Naval Uruguay (NY)

AB412HP(CP)

041 o/o ex MM81473/9-05 **25718** may20
042 o/o ex MM81511/9-09 **25722** 2020

The tie-ups are now both known, see also Scramble 493.

Middle East

Kuwait

al Quwwat al-Jawwiya al-Kuwaitiya (AF)

F/A-18F

... Boeing f/n BuNo 169731 02jul20

The first Super Hornets destined for the Kuwait Air Force are starting to see daylight. This Super Hornet, with Bureau Number (BuNo) 169731, was noted during a test flight with call sign RED55 from St. Louis (MO) on 2 July 2020. It was the first flight of this F/A-18F Block III for Kuwait, showing the now familiar primer colours. If our information is correct, this particular example is already the fifth Super Hornet for Kuwait. How the BuNo serial allocation for the Kuwait F/A-18E/F runs is not clear for us yet.

Back on 17 November 2016 the Defence Security Cooperation Agency submitted the approval to supply Kuwait F/A-18E/F Super Hornet with equipment, training facilities and support. However, the eventual sale of F/A-18 Super Hornets to Kuwait was held up by a delay in the US State Departments approval. By then, Kuwait had already ordered 28 Typhoons (in April 2016), with a mix of 22 single-seat and 6 two-seat aircraft. This led to some confusion as to whether Super Hornets or Typhoons would replace Kuwaits fleet of 34 legacy F/A-18C/D Hornets, 40 of which had been delivered from October 1991.

The Kuwaiti order was originally expected to be for a total of 40 Super Hornets, including an initial batch of 28 aircraft, and with options on 12 more. Eventually Kuwait ordered 28 examples of the Typhoon and 28 Block III Super Hornets; the latter with the same single-/two-seat mix as the Typhoons: 22 F/A-18E single-seat and 6 F/A-18F two-seat aircraft. This way, the country is expanding its fighter force and re-establishing a two-type frontline force.

H225M

604/F-.... Airbus f/n LFML feb20
606/F-ZWDK Airbus f/n LFML feb20

Hunter Mk67

218/Y to Chile as J-742 **8970**

It has been reported this one, the formed KLu F4 N-282, went to Oman but that is not correct.

Lebanon

al-Quwwat al-Jawwiya al-Lubnaniya (AF)

The Lebanese Air Force (LAF) is trying to sell five of their seven Hawker Hunters and three Sikorsky S-61s to get financial resources to buy new trainer aircraft. The Hunter Mk66s and Mk70s of the LAF are grounded for several years and are very outdated that no options are left to get them in military service again, although spare parts to keep them in the air are not the problem. The aircraft are stored at Rayak air base. Two Hunters, one of each type, are expected to stay within the LAF for a future historic flight. The last time a LAF Hunter flew was in 2010 and in 2012 some performed taxi runs. Some if not all three S-61 have been grounded for some time as well. The five Hunters as well as the three S-61s, of which spare parts become scarce and awfully expensive, will be sold in a public bidding in 2020. Most probably, private clubs or small companies are interested in the fighters and helicopters.

The three old Bulldog 126s of 1 squadron are outdated to fulfil the task as primary training aircraft. It is expected that the trio will cease operations within a few years. The LAF is now focusing on a new trainer, the Pakistani built Super Mushshak. This aircraft could take the role as basic trainer after which the student pilot can convert to A-29B Super Tucano of 7 squadron (Hamat/Wujah Al Hajar Air Base). No order is placed yet.

Qatar

Qatar Emiri Air Force (AF)

The Joint Qatari-British Typhoon squadron has commenced flying operations. The Royal Air Force and Qatar Emiri Air Force (QEAF) Typhoon Squadron, 12 Squadron based at RAF Coningsby, will be used to train Qatari pilots flying the Typhoon. The flags of both nations were raised at the RAF station mid-June 2020 and Typhoons with new squadron markings flew for the first time. The deal for 24 Eurofighter Typhoons together, with nine Hawk Mk100 training aircraft, for the Qatar Emiri Air Force (QEAF) was officially signed on 10 December 2017. The contract includes a support and training package and for this purpose the joint squadron was stood up on 24 July 2018. The first new BAE Warton built Typhoons for the QEAF are expected to be delivered in 2022. The first Hawks will be delivered in 2021.

AW169

QA... Leonardo f/n 29jun20 as CSX81971 **69097** jun20
QA... Leonardo f/n jul20 as CSX81972 **69099** jul20
QA... Leonardo f/n jul20 as CSX81974 **69106** jul20



The boys from 160th SOAR frequently deploy their hardware to civil airports all around the USA. MH-47G 02903, for which no FY is known, was seen at Stennis IAP (MS). (20 June 2020, Carey Mavor)



Last month was a great month to hunt for US Army choppers in Europe, as Atlantic Resolve saw 3rd CAB being replaced by 101st CAB. The latter entered Europe via France. (14-20685 & 14-20700, HH-60M, 6-101st AVN, Metz-Lorraine, 17 July 2020, Django Bruinink)

QA... Leonardo f/n jul20 as CSX81975 **69108** jul20
 These new ones all wear the bright colours of the Al Zaeem Mohamed Bin Abdullah Al Attiyah Air College. They have been seen performing pre-delivery maintenance test flights near Venegono, Italy. We are not aware of the full extent of the order yet. The construction number last one in the row above requires confirmation.

F-15QA
 QA-... Boeing f/n f/f 14apr20 as 17-0001 **QA01** jun20
 QA-... Boeing f/n may20 17-0002 **QA02** may20
 QA-... Boeing f/n 30jun20 17-0003 **QA03** jun20

The first Boeing F-15QA Advanced Eagle for the Qatar Emiri Air Force (QEAF) emerged from the production facilities at St. Louis (MO) on 14 April 2020. The aircraft flew for approximate 90-minutes, in primer, at the hands of a Boeing test pilot. No serial was visible. The newest Eagle variant is the first of 36 ordered by the oil- and gas-rich Gulf state of Qatar. The country also took an option for a further 36 of these Advanced Eagles. The first delivery (six aircraft) to the QEAF is expected in March 2021, while the final delivery is expected to set course to the Gulf state by 2023. If the option for another 36 will materialize, final delivery is expected by 2026. Qatar ordered the 36 aircraft in a USD 6,2 billion contract signed in 2017. On 30 June 2020, the same first aircraft flew again, this time painted in a stunning two-tone grey camouflage resembling the QEAF Mirage 2000 and Rafale scheme. A small "AF17001" USAF serial presentation was worn on the tail. By now we have been able to confirm the full USAF Fiscal Year Serial is 17-0001. The third aircraft was seen flying, in primer by the end of June, and "17003" was worn on the tail.

MFI-395
 QA307 f/n Al Zaeem Air Academy, Al Udaid nov19
 Al Zaeem Mohamed Bin Abdullah Al Attiyah Air College.

Saudi Arabia

al Quwwat al-Jawwiya as Sa'udiya (AF)
 KSTL = St. Louis-Lambert Field
 LFML = Marseille-Provence

F-15SA
 12-1083 Boeing f/n KSTL 07apr20 apr20
 12-1084 Boeing f/n KSTL may20

These are the last two F-15SA new builds for Saudi Arabia. Besides these two, the following are, according to our count, not delivered yet: 12-1001, 12-1002, 12-1003 all involved in the test programme and may need de-modifications before delivery, 12-1009 (flew April 2020), 12-1033, 12-1034, 12-1035 and 12-0048.

H215
 6605/F-ZWDN Airbus LFML f/n 14may20 may20
 6607/F-ZWCD Airbus LFML f/n 27may20 jul20
 Both noted at the Airbus Helicopters plant at Marseille Marignane, France.
 Saudi Arabian Government (GV)

B777-3FGER
 HZ-MF9 SA Special Flt del **61518/12711** jul20
 The newest toy for the Saudi Ministry of Finance was delivered to Jeddah from Fort Worth Alliance Airport (TX). The aircraft involved is a Triple Seven which has resided in Texas since 2015 for what must have been extensive cabin outfitting, modifications, and painting. Below are two more Saudi Arabian Special Flight aircraft for the Ministry of Finance.

B787-8(BBJ)
 HZ-MF7 SA Special Flt del **40053/149** feb19
 HZ-MF8 SA Special Flt del **40059/193** jul19

United Arab Emirates

Joint Aviation Command (AR)
UH-60M
 2643 Group 26 f/n 11may20 may20
 This one was identified on a photo taken on board the expeditionary sea base USS Lewis B. Puller.
 UAE Government (GV)
 LILN = Varese/Venegono

AW139
 20.. f/n LILN CSX81976 ex I-EASG **3188714** jul20
 This Leonardo was seen flying at Leonardo Varese-Venegono, Italy, and is sporting what seems missile detection and countermeasures equipment on the nose section and tail boom. This might be the reason it now flies with an Italian military test registration.

North America

Canada

Royal Canadian Air Force (AF)
CC-115 (DHC-5A)
 115451 to Can Avn & Space Museum (Rockcliffe) **5**
 115452 to Military Museum (Borden) **6**
 115456 to National Air Force Museum (Trenton) **10**
 115457 to Comox Air Force Museum (Comox) **11**
 115462 to be put up for sale **19**
 115465 to be put up for sale **25**

After we published the planned fate for 115457, we received

information about the other five. The fates for all six Buffalos are now known, they will soon retire after sufficient CC-295s will have been delivered. Comox houses two older Canadian Buffalos, 115453 and 115455, or what is left of it. These were obtained in Africa as spares sources, their planned fates are not yet known, but they may meet their maker if they have not already done so.

CF-188 (F/A-18A)

(188045) d/d 29jun20 ex A21-45 **722/AF45**

The next former RAAF F/A-18A was delivered by CC-177 177705 to Mirabel (QUE) for some upgrades with L3.

CL-650

144619 412sqn d/d by 06jul20 **6144**

144620 412sqn d/d 30jun20 **6152**

As no designation is officially known yet, we choose to list them as such.

United States

United States Army (AR)

As was well covered on for example the Scramble messageboard, 3rd Combat Aviation Brigade (CAB) returned to their home at Hunter AAF, Fort Stewart (GA) after their nine month deployment to Europe was completed. The first step commenced on 22 June 2020. On this day the first helicopters deployed to Constanta (Romania) started their flight to Illesheim AAF (Germany). Over the next few days, all other helicopters deployed throughout Europe made their way to Illesheim AAF as well.

All seventy-seven helicopters (4x CH-47F, 8x UH-60L, 26x UH-60M, 15x HH-60M and 24x AH-64D) were present at Illesheim AAF (Germany) by the end of the day on 25 June 2020. The next day the first four helicopters made their way to Vliegbasis Eindhoven (The Netherlands) which was the first part of step two. The third and final step was the movement of the helicopters to the Waalhaven in the port of Rotterdam (The Netherlands). This commenced on 1 July 2020, when a single AH-64D Apache was flown from Eindhoven to Rotterdam.

Compared to previous returns via The Netherlands, there were two major differences. First the entire helicopter inventory of the CAB departed Europe through Rotterdam (not counting four UH-60M helicopters deployed to Turkey, more details further on). In the past only the helicopters deployed to Poland and Germany did so, while the ones deployed to the Balkan departed through a port in Greece. Secondly, several

of the helicopters did not make a stop at Eindhoven but flew direct from Germany to Rotterdam. In the past this was exceptionally only, but during this deployment a substantial number of the helicopters did so. It must be mentioned that many of the helicopters not stopping at Eindhoven flew directly over the airfield. Only two flights (1x HH-60M and 4x AH-64D on 2 July 2020 and 4x AH-64D on 6 July 2020) passed by east of the airfield while avoiding bad weather and/or civil air traffic.

Some unit changes also took place during this deployment. As previously reported, a pair of HH-60M Medevac helicopters were left behind by 1st CAB in October 2019. They were taken on charge by C/2-3rd AVN, which only shipped thirteen of their own helicopters to Europe. With these two additional Blackhawks the company was brought back to its usual strength of fifteen helicopters.

Secondly, fourteen AH-64D Apache helicopters used by 1-3rd AVN from Ansbach AHP (Germany) were handed over to 3-17th CAV. A similar number of helicopters made the same move in the opposite direction. Compared to the remainder of the helicopters assigned to 1-3rd AVN, it were the older helicopters which were handed over to 3-17th CAV. While somewhat younger examples were received in return. It is not clear when these changes took place, but most of the helicopters which were handed over to 3-17th CAV carried unit markings on the nose, engine cover and rocket pods. This seems to indicate that the change took place a while ago and not just prior to 3rd CAB moving back to the USA.

This overview shows the serial details of the helicopters which ended up in the Waalhaven. We include the route which they flew during this operation, with special thanks to Sjoerd Drost, Jurgen van Toor and everyone else who posted their logs on our messageboard! The airfield codes used are: EHEH (Eindhoven), ETAD (Spangdahlem), ETAR (Ramstein), ETIK (Illesheim) and ETNN (Nörvenich). We have used RDAM as abbreviation for the Waalhaven in the port of Rotterdam. The Luftwaffe airfield Nörvenich was used by two flights on 2 July 2020. Most likely this were weather diversions only, and both flights departed a short while later to continue their journey again.

CH-47F – B/2-3rd AVN

13-08146 ETIK-ETAR-EHEH (26jun20), EHEH-RDAM (06jul20)

14-08455 ETIK-EHEH-RDAM (06jul20)

14-08461 ETIK-ETAR-EHEH-RDAM (03jul20)

15-08173 ETIK-ETAR-EHEH (01jul20), EHEH-RDAM (02jul20)



Pictured during what some people refer to as the golden hour, this 101st CAB Apache Guardian stopped at Metz-Lorraine on its way from La Rochelle to Illesheim. (16-03101, AH-64E, B/1-101st AVN, 17 July 2020, Django Bruinink).



An unexpected and interesting sight is this US Army Bell 407 at Newport News (VA). It came from Felker AAF, Fort Eustis (VA) and made a low approach only. (19-01268, Bell 407, 16 July 2020, Tim Wolfe)

UH-60L – A/2-3rd AVN

92-26458	ETIK-ETAR-EHEH (01jul20), EHEH-RDAM (06jul20)
93-26482	ETIK-ETAR-EHEH (01jul20), EHEH-RDAM (02jul20)
94-26587	ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (03jul20)
95-26596	ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (03jul20)
98-26812	ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (06jul20)
99-27830	ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (03jul20)
99-26841	ETIK-ETAR-EHEH-RDAM (03jul20)
05-27055	ETIK-ETAR-EHEH-RDAM (03jul20)

UH-60M – 4-3rd AVN

11-20356	ETIK-ETAD-ETNN-RDAM (02jul20)
11-20357	ETIK-RDAM (03jul20)
11-20358	ETIK-RDAM (03jul20)
11-20360	ETIK-RDAM (03jul20)
11-20361	ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (02jul20)
11-20362	ETIK-ETAR-EHEH-RDAM (03jul20)
11-20364	ETIK-ETAR-EHEH (01jul20), EHEH-RDAM (02jul20)
11-20365	ETIK-ETAD-RDAM (02jul20)
11-20370	ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (01jul20)
11-20386	ETIK-ETAD-RDAM (02jul20)
11-20387	ETIK-ETAR-EHEH (01jul20), EHEH-RDAM (03jul20)
11-20388	ETIK-ETAR-EHEH-RDAM (03jul20)
11-20389	ETIK-ETAD-RDAM (07jul20)
11-20392	ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (02jul20)
11-20395	ETIK-ETAR-EHEH (01jul20), EHEH-RDAM (02jul20)
11-20397	ETIK-ETAD-EHEH (26jun20), EHEH-RDAM (01jul20)
11-20416	ETIK-ETAD-RDAM (02jul20)
11-20417	ETIK-RDAM (03jul20)
11-20422	ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (02jul20)
11-20428	ETIK-ETAD-RDAM (02jul20)
12-20450	ETIK-RDAM (03jul20)
12-20455	ETIK-ETAR-EHEH-RDAM (06jul20)
12-20457	ETIK-ETAR-EHEH-RDAM (06jul20)
12-20458	ETIK-ETAD-RDAM (02jul20)
12-20460	ETIK-ETAR-EHEH-RDAM (06jul20)
12-20461	ETIK-ETAD-RDAM (02jul20)

HH-60M C/2-3rd AVN

08-20172	ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (03jul20)
11-20310	ETIK-ETAR-RDAM (06jul20)
11-20351	ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (03jul20)
11-20353	ETIK-EHEH-RDAM (03jul20)
11-20354	ETIK-ETAR-EHEH (01jul20), EHEH-RDAM (03jul20)

11-20355	ETIK-ETAR-EHEH (01jul20), EHEH-RDAM (06jul20)
11-20376	ETIK-ETNN-EHEH-RDAM (02jul20)
11-20402	ETIK-ETNN-EHEH-RDAM (02jul20)
11-20409	ETIK-EHEH-RDAM (03jul20)
11-20434	ETIK-ETAR-EHEH-RDAM (03jul20)
12-20506	ETIK-ETAR-RDAM (06jul20)
13-20615	ETIK-ETAR-EHEH (01jul20), EHEH-RDAM (03jul20)
13-20616	ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (03jul20)
14-20679	ETIK-ETNN-EHEH-RDAM (02jul20)
18-21016	ETIK-ETAR-EHEH-RDAM (06jul20)

AH-64D – 3-17th CAV

02-05316	C Trp, ETIK-ETAR-RDAM (06jul20)
02-05321	A Trp, ETIK-ETAR-RDAM (06jul20)
02-05326	A Trp, ETIK-ETAD-RDAM (02jul20)
03-05370	C Trp, ETIK-ETAD-ETNN-RDAM (02jul20)
03-05384	C Trp, ETIK-ETAD-ETNN-RDAM (02jul20)
03-05389	A Trp, ETIK-ETAD-RDAM (02jul20)
03-05395	A Trp, ETIK-ETAD-RDAM (07jul20)
03-05403	A Trp, ETIK-ETAD-RDAM (02jul20)
04-05419	C Trp, ETIK-ETAD-ETNN-RDAM (02jul20)
04-05426	B Trp, ETIK-ETAR-EHEH (26jun20), EHEH-RDAM (01jul20)
04-05429	C Trp, ETIK-ETAR-RDAM (06jul20)
04-05431	C Trp, ETIK-ETAD-ETNN-RDAM (02jul20)
04-05439	B Trp, ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (02jul20)
04-05444	C Trp, ETIK-ETAR-RDAM (06jul20)
04-05453	C Trp, ETIK-ETAR-RDAM (06jul20)
05-07002	B Trp, ETIK-ETAR-EHEH-RDAM (03jul20)
05-07003	B Trp, ETIK-ETAR-EHEH-RDAM (03jul20)
05-07010	B Trp, ETIK-ETAD-EHEH (29jun20), EHEH-RDAM (01jul20)
06-07014	A Trp, ETIK-ETAR-RDAM (06jul20)
06-07020	A Trp, ETIK-ETAD-RDAM (02jul20)
07-05518	B Trp, ETIK-ETAD-EHEH (26jun20), EHEH-RDAM (01jul20)
07-05535	B Trp, ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (02jul20)
08-05443	A Trp, ETIK-ETAR-RDAM (06jun20)
08-05548	B Trp, ETIK-ETAR-EHEH (29jun20), EHEH-RDAM (02jul20)

In addition, four UH-60M Black Hawk helicopters assigned to

4-3rd AVN were deployed to Turkey. They disembarked at Volos port (Greece) when 3rd CAB arrived in Europe in October 2019. In contrast to the rest of the helicopters deployed, they were not returned via The Netherlands but were most likely shipped as air freight from Turkey. Their serial numbers are: 11-20366, 11-20369, 11-20396 and 11-20431.

On 9 July 2020, eight OH-58C Kiowa helicopters were retired by B/5th AVN. The helicopters performed a formation farewell flight over Fort Polk (LA) and its surroundings on this date. The oldest Kiowa still in US Army service was one of them (68-16696), and it is slated to be preserved this US Army post. The other seven will be handed over to law enforcement units in Alabama, Florida, Georgia and Texas. The Kiowas have been replaced by UH-72A Lakota helicopters.

B/2-1st AVN	Marshall AAF, Fort Riley (KS)
B/3-2nd AVN	Desiderio AAF, Camp Humphreys (South Korea)
4-3rd AVN	Hunter AAF, Fort Stewart (GA)
C/2-10th AVN	Wheeler Sack AAF, Fort Drum (NY)
2-17th CAV	Sabre AHP, Fort Campbell (KY)
7-17th CAV	Hood AAF, Fort Hood (TX)
B/3-25th AVN	Wheeler AAF, Schofield Barracks (HI)
B/1-52nd AVN	Ladd AAF, Fort Wainwright (AK)
1-101st AVN	Sabre AHP, Fort Campbell (KY)
5-101st AVN	Campbell AAF, Fort Campbell (KY)
B/6-101st AVN	Campbell AAF, Fort Campbell (KY)
C/6-101st AVN	Campbell AAF, Fort Campbell (KY)
2-158th AVN	Grey AAF, JB Lewis-McChord (WA)
1-183rd AVN	ID ARNG, AASF Boise Airport-Gowen Field (ID)
1-207th AVN	AK ARNG, AASF Bryant AHP, JB Elmendorf-Fort Richardson (AK)
F(-)/1-214th AVN	USARC, ASF John Murtha, Johnstown (PA)
Det.3 C/2-245th AVN	ID ARNG, AASF Boise Airport, Gowen Field (ID)
C/2-501st AVN	Biggs AAF, Fort Bliss (TX)
B/2-501st AVN	Biggs AAF, Fort Bliss (TX)
3-501st AVN	Biggs AAF, Fort Bliss (TX)
Det.5 C/2-641st AVN	SD ARNG, AASF Rapid City RAP (SD)
BEST	BEST Aircraft Consolidation Facility at 248 Dunlop Blvd, Huntsville (AL)
KGYH	Donaldson Center Airport (SC)
KPOE	Polk AAF, Fort Polk (LA)

C-12V

95-00089	Det.5 C/2-641st AVN, ex o/h KGYH	BW-17	jun20
95-00090	Det.3 C/2-245th AVN, ex o/h KGYH	BW-18	jun20

CH-47F

12-08106	B/1-52nd AVN	ex B/3-2nd AVN	M8106	may20
13-08443	B/6-101st AVN	ex B/2-501st AVN	M8443	jul20
16-08209	B/3-25th AVN	ex B/2-1st AVN	M8209	jun20

OH-58C

68-16696	pres KPOE	ex B/5th AVN	40010	jul20
70-15061	std KPOE	ex B/5th AVN	40612	jul20
70-16162	std KPOE	ex B/5th AVN	40383	jul20

The other five helicopters which were retired by B/5th AVN were not yet known when this edition went to press. One of them still supported its old white Fort Rucker code (86D).

UH-60A

78-22975	std BEST	ex 1-183rd AVN		
80-23422	to N889FZ	ex std BEST	70180	jun20
81-23549	std BEST	see note	70270	jul20
81-23581	std BEST	ex nb	70302	jun20
81-23583	std BEST	ex nb	70304	jun20
82-23740	to Thailand as 3740		70563	feb20
83-23880	std BEST	ex F(-)/1-214th AVN	70705	jun20

Previously it was reported that 81-23549 was converted to UH-60A+ standard and delivered to Afghanistan. To our surprise, this helicopter appeared on the GSA website in July 2020. Official documentation shows it was allocated to BEST on 2 July 2020, and offered for sale by tender on 15 July 2020 (closing 23 July 2020).

The third Black Hawk which was delivered to Thailand is confirmed as 82-23740. It was previously sold by the US Army via the GSA in January 2016. The helicopter adopted serial N160CE (reg 03may16), which will probably be cancelled soon

from the FAA register.

UH-60L

90-26294	A/6-101st AVN	ex nb	701524	jul20
92-26437	A/6-101st AVN	ex nb		jul20
93-26477	A/6-101st AVN	ex nb		jul20
94-26552	1-207th AVN	ex nb	702072	may20

HH-60M

..-20298	C/2-501st AVN	ex C/3-10th AVN		jun20
..-20680	C/6-101st AVN	ex C/2-501st AVN		jul20
..-20697	C/6-101st AVN	ex C/2-501st AVN		jul20
..-20698	C/6-101st AVN	ex C/2-501st AVN		jul20
..-20699	C/6-101st AVN	ex C/2-501st AVN		jul20
..-20700	C/6-101st AVN	ex C/2-501st AVN		jul20
..-20702	C/6-101st AVN	f/n		jul20
..-20759	C/6-101st AVN	f/n		jul20
..-20760	C/6-101st AVN	ex C/2-501st AVN		jul20
..-20767	C/6-101st AVN	f/n		jul20

UH-60M

07-20029	5-101st AVN	ex 2-158th AVN	703228	jul20
07-20033	5-101st AVN	ex 2-158th AVN	703285	jul20
..-20091	5-101st AVN	ex nb		jul20
..-20183	5-101st AVN	ex 2-158th AVN		jul20
..-20335	5-101st AVN	ex 3-501st AVN		jul20
11-20415	5-101st AVN	ex 2-158th AVN	703951	jul20
11-20430	5-101st AVN	ex nn		jul20
..-20566	2-158th AVN	ex 4-3rd AVN		jun20
13-20571	2-158th AVN	ex 4-3rd AVN	704301	jun20
13-20591	5-101st AVN	ex 4-3rd AVN	704350	jul20
14-20649	2-158th AVN	ex 4-3rd AVN	704362	jun20
14-20654	2-158th AVN	ex 4-3rd AVN	704372	jun20
..-20719	5-101st AVN	ex 3-501st AVN		jul20
..-20720	5-101st AVN	ex 3-501st AVN		jul20
..-20721	5-101st AVN	ex 3-501st AVN		jul20
..-20722	5-101st AVN	ex 3-501st AVN		jul20
..-20736	5-10st AVN	ex 3-501st AVN		jul20
..-20748	5-101st AVN	ex 3-501st AVN		jul20
..-20987	A/1-150th AVN	f/n		jul20

AH-64E

14-01003	1-101st AVN	f/n	NB003	jul20
14-03035	1-101st AVN	f/n	NM035	jul20
14-03039	1-101st AVN	f/n	NM039	jul20
16-03086	1-101st AVN	f/n	NM086	jul20
16-03090	1-101st AVN	f/n	NM090	jul20
16-03092	1-101st AVN	ex Boeing	NM092	jul20
16-03093	1-101st AVN	ex 7-17th CAV	NM093	jul20
16-03101	1-101st AVN	f/n	NM101	jul20
16-03102	1-101st AVN	ex 2-17th CAV	NM102	jul20
16-03104	1-101st AVN	f/n	NM104	jul20
17-03118	1-101st AVN	ex 2-17th CAV	NM118	jul20
17-03129	1-101st AVN	unit confirmed	NM129	jul20

United States Navy (NY)

E-2C+

164112/600	wfu Norfolk	ex 600/NAWDC	A52-144	jul20
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F/A-18C

164645/AF-403	VFA-204	ex RP-60/FRCSW	1068/C274	jun20
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F/A-18E

165784/AD-111	VFA-106	ex NH-312/VFA-146	1532/E027	jun20
168913/AD-106	VFA-106	ex AG-111/VFA-87	E272	may20
169706	to Kuwait	needs confirmation		
169707	to Kuwait	needs confirmation		
169708	to Kuwait	needs confirmation		
169709	to Kuwait	needs confirmation		
169710	to Kuwait	needs confirmation		
169711	to Kuwait	needs confirmation		
169712	to Kuwait	needs confirmation		
169713	to Kuwait	needs confirmation		
169714	to Kuwait	needs confirmation		
169715	to Kuwait	needs confirmation		
169716	to Kuwait	needs confirmation		
169717	to Kuwait	needs confirmation		
169718	to Kuwait	needs confirmation		
169719	to Kuwait	needs confirmation		
169720	to Kuwait	needs confirmation		

169721	to Kuwait	needs confirmation		
169722	to Kuwait	needs confirmation		
169723	to Kuwait	needs confirmation		
169724	to Kuwait	needs confirmation		
169725	to Kuwait	needs confirmation		
169726	to Kuwait	needs confirmation		
169727	to Kuwait	needs confirmation		
F/A-18F				
165803/AD-222	VFA-106	ex AD-215	1537/F029	jun20
165911/NJ-127	VFA-122	ex NA-400/VFA-94	F057	jan20
166892/AD-245	VFA-106	ex NF-114/VFA-102	F222	jun20
169728	to Kuwait	needs confirmation		
169729	to Kuwait	needs confirmation		
169730	to Kuwait	needs confirmation		
169731	to Kuwait	f/n		jul20
169732	to Kuwait	needs confirmation		
169733	to Kuwait	needs confirmation		
SH-2G				
161643	to Egypt	for spares	193	apr20
161644	to Egypt	for spares	194	apr20
161907	to Egypt	for spares	218	apr20
161908	to Egypt	for spares	219	apr20
161912	to Egypt	for spares	223	apr20
163214	to Egypt	for spares	250	apr20
163542	to Egypt	for spares	252	apr20
MH-60S				
167819/WC-51	HSC-23	ex SA-13/HSC-3	70-30..	jun20
167881/RB-08	HSC-25 Det.3	ex Det.6	70-36..	jun20
P-8A				
168428/LL-428	VP-30	ex LA-428/VP-5	40808/3612	jul20
MQ-8B				
168447/N23	309th AMARG	ex ?	N-23	jul20
168448/N24	309th AMARG	ex ?	N-24	jul20
CMV-22B				
169438	VRM-30	del 16jun20	D2004	jul20

United States Marine Corps (NY)
LMTAS = Lockheed Martin Tactical Aircraft Systems, Fort Worth (TX)

KC-130J				
169535/QD-535	VMGR-152	del	382-5885	feb20

F-35B				
168722/WF-502	VMFAT-502	ex VM-14/VMFAT-501	BF-24	jul20
169686	LMTAS	f/f 16jun20	BF-101	jun20
AH-1W				
162539/.8	i/a Miramar	ex SM-32/HMLA-369	26208	jun20
163931	309th AMARG	ex HF-53/HMLA-269	26256	jul20
165284	309th AMRG	ex ?	26332	jun20
165324/MP-04	309th AMARG	ex HMLA-773	26348	jun20
AH-1Z				
169276/SN-46	HMLA-169	f/n	592..	jun20
169813	nmks	f/n	592..	apr20
169816	nmks	del 23jun20	592..	jun20
CH-53K				
169662	o/o Sikorsky	needs conformation		
169663	o/o Sikorsky	needs conformation		
170001	o/o Sikorsky	needs conformation		
170002	o/o Sikorsky	needs conformation		
170003	o/o Sikorsky	needs conformation		
170004	o/o Sikorsky	needs conformation		
170005	o/o Sikorsky	needs conformation		
170006	o/o Sikorsky	needs conformation		
170007	o/o Sikorsky	needs conformation		
170008	o/o Sikorsky	needs conformation		
170009	o/o Sikorsky	needs conformation		
170010	o/o Sikorsky	needs conformation		
170011	o/o Sikorsky	needs conformation		
170012	o/o Sikorsky	needs conformation		
170013	o/o Sikorsky	needs conformation		
MV-22B				
168031/YZ-08	VMM-363	ex EP-08/VMM-265	D0161	jul20
168628/ET-09	VMM-262	ex EP-14/VMM-265	D0283	jun20
168630/EG-11	VMM-263	SPMAGTF-CR A	D0285?	jun20

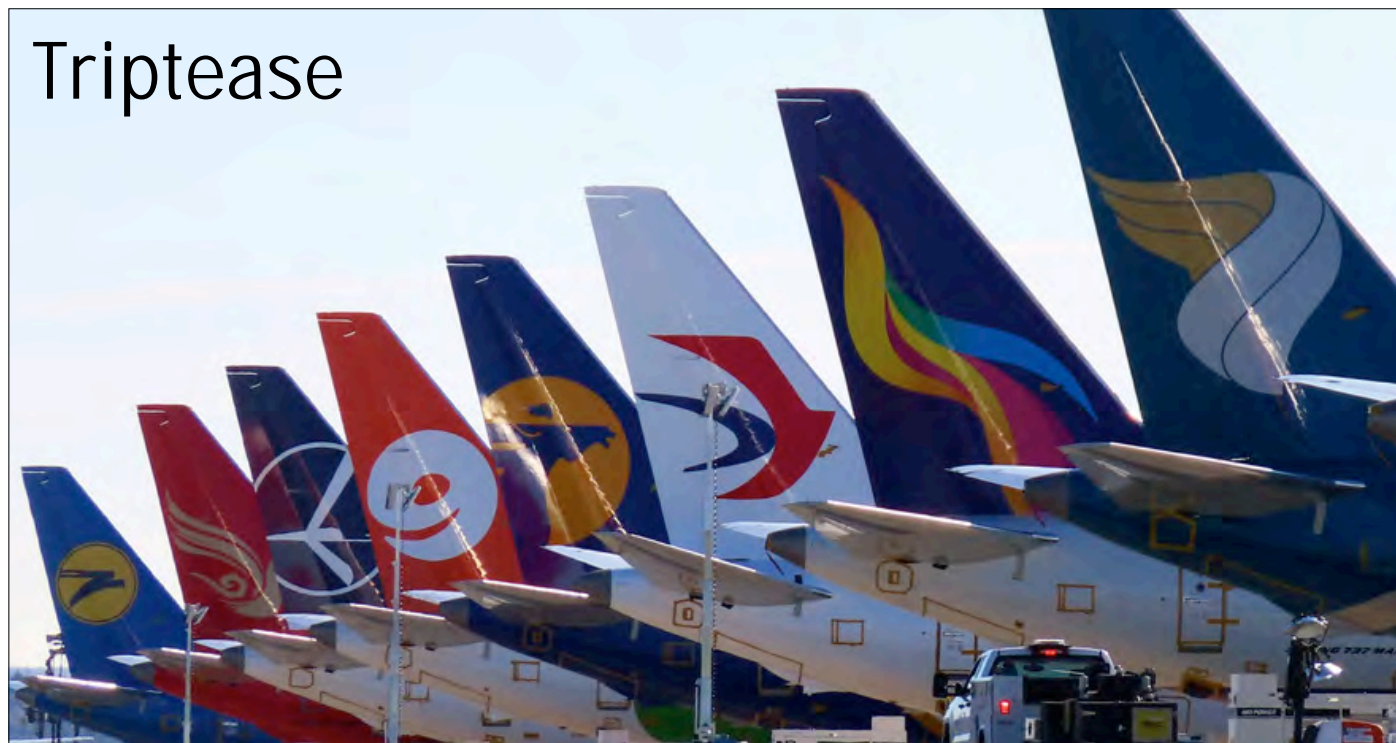
Credits

Clive Bartram, Danny Bonny, Ian Carroll, Alistair Dickson, Edwin de Greeuw, Jos Heeren, Andy Marden, Daniele Mattiuzzo, Maz Mazumdar, Jeff Rankin, Jos Stevens, Peter Weinert



Popping them all at once! These Taiwanese army Apaches showed they are capable of self-defence during Exercise HK36. (Gaomei Wetlands, Reinier Schreurs, 16 July 2020)

Triptease



The main reason for the Oxford Aviation Group to go West were a smashing 441 stored Boeing 737 MAX aircraft. Here you can see some tails of stored aircraft at the storage location of Moses Lake (WA). (18 March 2020, Grant Robinson)

Westcoast USA (part 2, 17 - 23 March)

In this issue we continue the trip report, with the main goal of seeing as much as stored B737MAX aircraft possible, by the Oxford Aviation Group.

Phoenix/Sky Harbor (AZ) 17 March 2020

N371CM	B767-338ERF	DHL
N205FR	A320-214	Frontier Airlines
N358FR	A320-251NSL	Frontier Airlines
N399HA	A330-243	Hawaiian Airlines
N935LR	CRJ900	American Eagle
N250SY	ERJ175LR	Delta Connection
N389QS	Ce680	NetJets

Hub traffic

Alaska Airlines	B737 (2), ERJ175 (1)
American Airlines	A321 (4), B757 (1)
Delta Air Lines	A321 (3), B737 (2)
Southwest	B737 (10)
United Airlines	A320 (3), B737 (1)
United Parcel Service	A300 (1), B757 (3), B767 (1)

Today was all about getting to Seattle and bashing all three of the Boeing fields before heading to Moses Lake the day after. Not many photographs taken today as it was a busy schedule and we needed to keep moving.

It was an early morning flight from here with Delta Air Lines on Boeing 737-832 N3742C for a two-and-a-half-hour flight towards Seattle-Tacoma.

Seattle-Tacoma (WA) 17 March 2020

9V-SMK	A350-941	Singapore Airlines
N234WN	B737-7H4	Southwest Airlines
N272SY	ERJ175LR	Delta Connection
N378HA	A330-243	Hawaiian Airlines
N531UA	B757-222F	DHL
N617CZ	ERJ175LR	Delta Connection
N661NK	A321-231	Spirit Airlines
TF-ISV	B757-256	Icelandair
N69888	B737-924ER	United Airlines

Hub traffic

Alaska Airlines	A321 (1), B737 (6), DHC-8 (2), ERJ175 (1)
Delta Air Lines	A330 (1), B757 (3)

Only a few noted here as we taxied to stand as we had to grab our wheels and hit the road. We would be staying close to this airport for each of our three nights here and so there would

be plenty of time to hit the Alaska Airlines fleet.

Renton-Clayton Scott Field (WA)

17 March 2020

N34TV	Bell 407	Air Sansone
N71KP	UH-1H	King County Public Safety
N126RS	DHC-2	4R Aviation
N272PA	U-6A	RWL Management
N428AF	U-6A	RWL Management
N577BF	PC-12/45	Pool Plane
N725TH	DHC-3	Northwest Seaplanes
N958DB	U-6A	George M. Hook
N2812Y	TB-20	Lucius B. Fleuchaus
N3080F	Beech B350	Greyhawk Aviation
N16644	U-6A	J&D Flying
N67680	U-6A	C&P aircraft Leasing
N67681	U-6A	Northwest Seaplanes
N67682	U-6A	Carpinito & Sons
N67684	U-6A	C&P aircraft Leasing
N67685	U-6A	Northwest Seaplanes

Stored (B737MAX & P-8A)

AeroMexico:	XA-MAY
Air Canada:	C-GEPF/C-GEPG
Air Europa:	EC-NBV
American AL:	N323SG
Boeing:	N27751
Buzz:	SP-RZA/SP-RZB/SP-RZC/SP-RZD
China Southern:	B-209A
Copa Airlines:	HP-9913CMP
Enerjet:	N241BE
Korean Air:	HL8348
Lucky air:	B-207Q
Ryanair:	N3134C/N4027C
Southwest:	N7204U/N7205U/N8736J
SunExpress:	TC-SOJ/TC-SOK
United Airlines:	N27519/N47517
US Navy:	169560/560
VietJetAir:	(N1786B)

Clayton Scott Field is not far from Seattle-Tacoma to Renton and here were twenty-five MAX and one US navy P-8A seen stored. This is an amazingly easy and open airfield to spot at. Also, it is now a very quiet field, as hardly any Boeing employees seen around, and production halted at that time.....nice bonus here with a good number of seaplanes too.

King County (Boeing Field, WA)

17 March 2020

Next up was Boeing Field and with my bias towards military, I

was very happy with the amount of KC-46 and P-8s seen here, especially the Indian P-8I. Seventy three MAX seen around the airfield and a new sub type in the Boeing 777-9.

There were a few we did not read off mostly because of the blast sheds on the flightline ramp. They were three American Airlines, two Southwest Airlines, one Ryanair and one in Boeing house colours with "8" on tail.

Of course given that production had been stopped, the MAX location situation was pretty static at that time and so it's a simple task to see if there has been any movement (using FR24 and Boeing Blog) from site to site.

There were five American Airlines on site, and we saw two of these in the car park storage from the bridge. So, the missing three were N316SE, N318SF & N336SR.

There were nine Southwest Airlines on site, and we read off six on the flightline. As we only saw eight in total no fudge available here.

There were two Ryanair on site, and we saw one of these in the car park storage from the bridge. So, the missing one was EI-HAT.

The Boeing house coloured one had me tearing my hair out as I could not work it out until I looked at what we were missing and noticed that Oman Air A40-ML was unaccounted for. Looking into that machine brings up references of it having Oman coloured winglets but being painted in Boeing house colours complete with "8" on tail. So that was (N1786B) c/n 63360)

Lots of general aviation here and the Southwest 737 fuselage N315SW was seen out around the back of the P-8 hangar. I first saw this in Las Vegas in 1996. This can be seen on Google Earth at 47.525036, -122.307552

N29HG	CL-350	Tractor & Equipment
N34TV	Bell 407	Air Sansone
N72KA	Ce208B	
N80QJ	G-IVSP	Mercer Air
N116AA	Ce525B	
N145WA	Ce208B	West Air
N225N	CL-604	Nordstrom
N226N	PC-12/47E	JDPlane
N241QS	CL-650	NetJets
N277JJ	Beech B200	Aerospace Testing Engineering & Cert.
N315SW	B737-3H4	ex Southwest Airlines
N357VJ	CL-350	VistaJet USA
N364QS	Ce680	NetJets
N387SL	Ce750	Schweitzer Aircraft Leasing
N426KM	Ce208	Kenmore Air
N456FX	G450	Flexjet

N473PC	PC-12/45	Jemasa
N508QS	Ce680A	NetJets
N524NC	EMB500	TravelConfirm Aerorelease
N542FX	CL-300	Flexjet
N592FX	CL-350	Flexjet
N779XW	B777-9	Boeing std
N800BJ	PC-12/47E	Brighton Jones
N800J	G650ER	Johnson & Johnson
N831US	MD-83SF	USA Jet Airlines
N874AA	B727-223	pres., ex American Airlines
N880P	Ce560XL	OP Aviation
N900NH	Falcon 900EX	Nick & Adrian Hauser
N974CW	H269C	Atomic Helicopters
N997SB	Beech C99	Ameriflight

Stored B737MAX, KC-46 and P-8 (Boeing flight lines)

India Navy:	IN328/DAB
USAF:	6x
USN:	169554/554, 169555/555, 169559/559
9 Air:	B-208H
AeroMexico:	XA-HSB
Air Canada:	C-GEKH
Alaska Airlines:	N913AK, N60697
American :	(N316SE), (N318SF), (N336SR)
Boeing:	5x
China Southern:	N1782B
Enerjet:	(N1786B)/801, (N240BE)/802
Ethiopian:	ET-AWF
GOL:	PR-XMR
Icelandair:	TF-ICP
Jet Airways:	VT-JXF/VT-JXG/VT-JXH
Lion air:	PK-LQR
Southwest:	6x
TUI:	D-AMAB, D-AMAD, D-AMAX, G-TUMH
Ryanair:	(EI-HAT)
United Airlines:	N37516

Stored B737 (Boeing MAX storage area)

Air Canada:	C-GEKX/C-GEJN/C-GELJ/C-GEKZ
Air China:	B-20A6
Air europa:	EC-NBL
American AL:	N315SD/N378SC
Boeing:	N918BA, N984BA, VT-JXM
China Southern:	N5573K/N5573L
COPA Airlines:	HP-9907CMP/HP-9908CMP
flydubai:	A6-FMK/A6-FML
GOL:	PR-XMH/PR-XMM
Icelandair:	TF-ICB/TF-ICC
NEOS:	EI-RZA
Norwegian Air Sweden:	SE-RTD
Royal Air Maroc:	CN-MAZ
Ryanair:	N40273
Samoa Airways:	DQ-TFL
Shanghai Airlines:	B-20A3/B-208J



As it was decided that it was not very likely to catch all B737 MAX aircraft from the storage at Moses Lake (WA), an aircraft was chartered and here you can see the result of a click from one of the aprons. (18 March 2020, Grant Robinson)



Boeing 737-900ER N318AS of Alaska Airlines was photographed in this Disney scheme in stead of the standard Inuit on the tail of the aircraft. (Seattle-Tacoma, 19 March 2020, Grant Robinson)

Shenzhen Airlines:	B-209V	59-4987/F-987	YF-5A	ex US Air Force
SunExpress:	D-ASMC, TC-SOI	69-15140	UH-1H	ex US Army
Sunwing:	N5573P	69-18005	YO-3A	ex US Army
TUI:	D-AMAA	138899	XF8U-1	ex US Navy
Turkish Airlines:	TC-LCN/O/P/R, TC-LYB/D	1415	HH-52A	ex US Coast Guard
United Airlines:	N27515	C290	Boeing 40B	replica

The Washington State had declared a state of emergency because of COVID-19 and so sadly the Museum of Flight was closed as would be the rest of the museums. It was still open just two days earlier.

Fortunately the Museum of Flight annex contents can be seen easily from the front (by main road) and back (via car park) as they are in the open under a roof, and the main display hangar has lots of windows that can be peered through. I understand that we missed the WWII section....

Preserved Museum of Flight (Annex)

44-69729/T-54	B-29A	ex USAAF
51-7066	WB-47E	ex USAF
59-2584	B-52G	ex USAF
58-6970	C-137B	ex USAF
91-00261	CH-47D	ex US Army
154180/4	A-4F	ex United States Navy
158794/NH-502	A-6E	ex United States Navy
161884/AJ-503	EA-6B	ex United States Navy
131232/O-111	F-9J	ex United States Navy
160382AJ-203	F-14A	ex United States Navy
158977/WH-19	AV-8C	ex US Marine Corps
G-BOAG	Concorde	ex British Airways
N17W	TB-17F	ex USAAF 42-29782
N61SL	An-2R	Museum of Flight Foundation
N328KF	SpaceShipOne	replica
N515NA	B737-130	ex NASA (19437)
N787BX	B787-8	ex Boeing
N7001U	B727-22	ex United Airlines
N7470	B747-121	ex Boeing
NC13347	Boeing 247D	ex United Air Lines
NC13711	DC-2	ex Transcontinental and
Western Air		

Preserved Museum of Flight (Hangar)

23363/363	CL-13B Sabre 5	ex RCAF
079	MiG-15bis	ex China
5411	MiG-21PFM	ex Czechoslovak AF
60-6940	A-12	ex US Air Force
64-0776/AK	F-4C	ex US Air Force

N115MF	Boeing 40B	replica
(N213US)	C-45H	
NC224M	B737-201	ex US Air (front fuselage)
(N872H)/29-354/3	Boeing 80A-1	ex United Air Lines
N1916L	Boeing 100	
N626BL	Boeing B&W	replica
N820NA/820	Lear Fan 2100	
N924LR	F-104C	ex NASA, ex 56-0934
N4339	Lamson L-106 Alcor	
NC7550	Bowers Fly Baby 1A	
NC12817	Stearman C3B	
NC13477	Stinson Model O	replica
(N72GT)/NR16020	Stinson SR-5A	
NC88023	L-10E Electra	
(N138D)/NC91008	J-3C-65	
	DC-3C	

Preserved Museum of Flight (Outside)

MM6244/10	G91PAN	ex Italian Air Force
(CNA-FJ)/1 red	MiG-17F	ex Royal Moroccan AF
163106/2	F/A-18A Hornet	ex US Navy
CF-TGE	L-1049G	ex Trans Canada Air Lines
Seattle-Tacoma (WA)		17 March 2020
C-GGND	DHC-8-402	Air Canada Express
JA813A	B787-8	All Nippon Airways
JA844J	B787-8	Japan Airlines
N939AN	B737-823	American Airlines
N214NN	ERJ175LR	American Eagle
N400WN	B737-7H4	Southwest Airlines
N610CZ	ERJ175LR	Delta Connection
N983JT	A321-231	jetBlue
N4901U	A320-232	United Airlines
N7843A	B737-752	Southwest Airlines
N78511	B737-824	United Airlines

Hub traffic

Alaska Airlines	A319 (1), (A3202), A321 (2), B737 (16), DHC-8 (2), ERJ175 (6)
Delta Air Lines	A220 (2), A330 (1), B737 (1), B757 (2)
Delta Connection	ERJ175 (6)
Seattle-Tacoma is due South of Boeing Field and so when the Sea-Tac approach is from the North (which it was most of the	

time we were in Seattle) then this will also keep you busy as you go around Boeing Field!

Everett-Snohomish County (Paine Field, WA) 17 March 2020
 N624QX, N628QX, N632QX ERJ175LR Alaska Airlines
 N946RH RC114 Kentco Investments
 N3194W R44-II Emerald City Aircraft Lsg
 N8518W R22 Emerald City Aircraft Lsg

Museum of Flight Restoration Center

49-1495/TL-495 T-28A ex USAF
 N407V Lj23
 (N888WA) Comet 4C

Everett Community College (instructional airframes)

(61-0650)/16-0650 CT-39A ex US Air Force
 N493FE B727-227F ex FedEx

Stored KC-46 and B737MAX

USAF: 10x KC-46
 Boeing: N981BA, N982BA, N983BA
 Nordstar: VQ-BXX
 Southwest: N7706A
 SunExpress: D-ASMA/D-ASMB

Stored (on order)

4X-ERD	B787-8	El Al Israel Airlines
(A6-E)ZA, (A6-E)ZT	B777-9	Emirates Airline
B-20EC	B787-9	Juneyao Airlines
B-20EM, B-20EN	B777F	China Southern Airlines
JA849J	B787-8	Japan Airlines
JA932A	B787-9	All Nippon Airways
ET-AXS	B787-9	Ethiopian Airlines
G-CLJN	B787-9	Norwegian Air UK
N6009F	B747-8F	AirBridgeCargo
N2352U	B777 300ER	United Airlines
N779XX	B777-9	Boeing
N1788B	B777F	AeroLogic
N870AX	B787-8	American Airlines
N1003N, N1005S, N1006F	B787-9	Vistara
N1008S	B787-9	Vistara
N1012N	B787-9	THY Turkish Airlines
N4580L	B787-9	Gulf Air
SE-RXA	B787-9	Norwegian Air Sweden
UK78706	B787-8	Uzbekistan Airways
(VQ-BFO)	B777-300ER	Aeroflot Russian Airlines

A one-hour drive North later and another ten KC-46 and seven MAX hitting the book. Also a few newer Boeing 777-9.

Again, another easy and open field to drive around although one or two bits on the Boeing flightline require some effort.

Seattle-Tacoma (WA) 17 March 2020
 EI-DUO A330-202 Aer Lingus
 B-LRJ A350-941 Cathay Pacific
 N819AW A319-132 American Airlines
 N982VJ A321-231 American Airlines
 N282WN, N950WN B737-7H4 Southwest Airlines
 N621CZ ERJ175LR
 N8616C B737-8H4 Southwest Airlines
 N18243 B737-824 United Airlines

Hub traffic

Alaska Airlines A319 (1), A320 (4), A321 (1), B737 (11), DHC-8 (89), ERJ175 (2)
 Delta Air Lines A220 (2), A319 (2), B737 (6), B757 (1)

The drive back to Sea-Tac was a pleasant one after our happy haul and we discovered that eating places were now just takeaway only. No problem with that! Whilst we waited, we counted that we saw 104 B737MAX, sixteen KC-46A and five P-8s today.

So after tea we headed to our hotel just South of the airport which was perfect for getting the departures as they climbed out.....this was the Sea-Tac Airport Value Inn and most rooms face West meaning that you will see either departures or arrivals but not both.

Seattle-Tacoma (WA) 18 March 2020
 An early start from the hotel where we saw a few departures climbing out.

N623VA	A320-214	Alaska Airlines
N618AS	B737-790	Alaska Airlines
N518AS, N538AS	B737-890	Alaska Airlines
N407AS	B737-990	Alaska Airlines
N542US	B757-251	Delta Air Lines
N614FE	MD-11F	FedEx Express
N197SY	ERJ175LR	Alaska Airlines
N512NK, N517NK	A319-132	Spirit
N37253	B737-824	United Airlines



At Pierce County-Thun Field (WA) you can find the Clover Park Technical College. They have several instructional airframes and Agusta A109 MkII N1PJ is one of them. (19 May 2020, Grant Robinson)



As can be seen in the background of the picture of the Agusta A109, Bell UH-1V Iroquois, serial 66-00772, is also in use as an aid to teach apprentice aviation mechanics the tricks of the trade. (Pierce County-Thun Field (WA), 19 May 2020, Grant Robinson)

Of the overall Boeing MAX hunt, this was the most eagerly awaited day where we would get to see over 200 of them parked up at Moses Lake. I suspect many of us would never have heard of this place before the Boeing facility started being used to relieve the Seattle Boeing fields.....how many of us will ever go back?

Moses Lake-Grant County (WA) 18 March 2020

A6-PFC	B787-8	Abu Dhabi Amiri Flight
N105YK	Yak-42	Wheeler Produce
N359SA	CV440	Joseph M. Salerno
N626LF	A119	
N777LW	B-23	Carmacks Commercial
N747RR	B74-438	Rolls-Royce
N9825Z	PBY-6A	Frederick C. Peterson

Big Bend Community College (instructional airframes)

60-3493	CT-39A	ex US Air Force
(N124FE)	B727-25C	ex FedEx
N151FE	B727-22F	ex FedEx

Stored B737MAX

9 Air:	B-206L
AeroMexico:	N1780B, XA-IMH/XA-MAW/XA-MAZ
Air Canada:	C-GELU
Air Changan:	B-206D, B-207R
Air China:	7x
American:	5x
Batik Malaysia:	N1780B/N1781B/N1800B
Belavia:	EW-529PA
Blue Air:	N1779B
Boeing:	23x a/w, 3x rudder colours
Cayman Airways:	N1800B
China Eastern:	(N249BE), (N1786B)
China Southern:	15x
Comair:	ZS-ZCB
COPA Airlines:	HP-9910CMP, N1800B
Corendon:	N1784B, TC-MKB
Donghai:	B-20C2, N5573P
Eastar Jet	HL8368/HL8369/HL8370/HL8367
Fiji Airways:	DQ-FAE, DQ-FAF
flyEgypt:	SU-TMO
Fuzhou:	N5515X
GOL:	5x
Hainan:	B-209L
Korean Air:	HL8350/HL8351, N1784B
Kunming:	N1800B/N1782B
Lion Air:	PK-LQS, (N1782B), (N1800B)
LOT Polish AL:	N5573P, SP-LVE/SP-LVG/SP-LVN/SP-LVO

Lucky Air:	B-20AH
MIAT Mongolian AL:	N1780B
NEOS:	EI-RZB/EI-RZC
Nordstar:	VQ-BXY
Norwegian Air Sweden:	8x
Okay Air:	(N5002K), N56807
Oman Air:	A40-MG, N1800B/N1786B
Ryanair:	16x
S7 Airlines:	VP-BXF/VP-BXG/VP-BXM
Shandong:	B-20AR/B-20AX/B-20CF/B-20D0, N1779B
Shanghai:	B-20CC/B-20D9
Shenzhen:	B-20CG/B-20DK/B-20DL, N5573K (2x)
SilkAir:	9V-MBG/9V-MBK/9V-MBL/9V-MBM/9V-MBN
SmartWings:	6x
Southwest:	18x
SpiceJet:	10x
Sriwijaya Air:	(N1799B)
TUI:	PH-TFR
Turkish AL:	TC-LCI/TC-LCT/TC-LYC/TC-LYE
T'Way Air:	HL8356/HL8357
Ukraine Int'l:	N1784B, UR-MXA/UR-MXC
United:	9x
Ural Airlines:	N1781B
Urumqi Air:	N1779B/N1781B/N5573B
UTair:	N5515X
WestJet:	N1780B
Xiamen Air:	11x

It had been a three-hour drive from Seattle Airport to here and so we were all looking forward to the photographic flights that had been booked with Michael Stein of Columbia Pacific Aviation. He has done quite a few of these flights and knows the best orbits to fly to give you the best chance of snapping away with the camera to get those MAX.

Many thanks to John Maloney for sorting these flights out for me.

We never tried to get any of the MAX from the ground, but it looked a tough job to do it that way, especially if you want to see more than a tail.

I spent at least two days going through the many photographs that I took at Moses Lake and have come up with the following conclusions.

On Wednesday 18th March, there were 230 MAX parked outside in four areas.

I have created map diagrams (please refer to the website of

Oxford Aviation Group for these) which detail which aircraft were where.

Those marked as "white" on the map diagrams, total 25 of which three have been tied up, leaving 22 for which have been fudged as this corresponds to what remaining whites' ones should be at Moses Lake.

Three MAX were unaccounted for at Moses Lake and they must have been in the big Boeing hangar which I am told can hold three aircraft. These were Aeromexico XA-MAU (c/n 43709), Korean Airlines HL8349 (c/n 63437) and Lucky Air N1780B (c/n 64946). The Korean returned to Renton from Moses Lake on 23rd April according to FR24.

Ephrata Municipal (WA) 18 March 2020
N9505C PBY-5A

A twenty minutes' drive and fifteen miles to the Northwest of Moses Lake-Grant County is this massive and very well-maintained airfield. The rotting Catalina sits outside, and the general aviation is in the two big hangars either side of -47.309436, -119.524186 and most comprise the smaller "bugs" (Cessna single engine types).

Moses Lake Municipal (WA) 18 March 2020

We were in search of a supermarket and so it would have been rude not to see what this small airfield had to offer. Turned out mostly small single engine planes like Ce150, Ce172 and Citabria. Dassault Falcon 200LX N97SJ, passed over head when we were at the airport.

Seattle-Tacoma (WA) 18 March 2020

B-16730	B777-300ER	EVA Air
C-GGCI	DHC-8-402	Air Canada Express
C-GGND	DHC-8-402	Air Canada Express
D-ABUC	B767-330ER	Condor
N48HF	Ce750	Air forward
N154AA	A321-231	American Airlines
N191AV	Beech C99	Ameriflight
N208SY	ERJ175LR	United Express
N219NN	ERJ175LR	American Eagle
N330UP	B767-34AF	United Parcel Service
N360FR	A320-251N	Frontier Airlines
N419AZ	B767-319ERF	Air Transport International
N419K	Beech 350iC	Dept. of Homeland Security
N531VL	A320-271N	Volaris
N763JB	A320-232	jetBlue Airways
N767AX	B767-281F	ABX Air
N913NK	A320-271N	Spirit Airlines
N950AM	B737-852	AeroMexico
N961JT	A321-231	jetBlue Airways
TF-FIU	B757-256	Icelandair
VP-CAT	G550	TAG Aviation Asia

Hub traffic

Alaska Airlines	A319 (3), A320 (18), B737 (48), DHC-8 (15), ERJ175 (12)
Delta Air Lines	A220 (1), A319 (2), A320 (2), B737 (16), B757 (2)
Delta Connection	ERJ175 (14)
FedEx	Ce208 (3), B777 (1), MD-11 (2)
Southwest	B737 (5)
United Airlines	A319 (1), B737 (5)

19 March 2020

N767AX	B767-281F	ABX Air
N970UY	A321-231	American Airlines
N937NN	B737-823	American Airlines
N558WN	B737-73V	Southwest Airlines
N8604K	B737-8H4	Southwest Airlines
N26226	B737-824	United Airlines
N47414	B737-924ER	United Airlines
N432AX	B767-323ER	Omni Air International

Hub traffic

Alaska Airlines	A320 (6), A321 (1), B737 (19), DHC-8 (3), ERJ175 (6)
Delta Air Lines	A319 (2), B737 (5), B757 (2)
Delta Connection	ERJ175 (3)

After a long day on the road yesterday doing Moses Lake as a day trip, it was now time to turn our attention to aviation around Seattle. I already knew that sitting all day at the airport might get a bit boring after a while as it is very Alaska Airlines heavy and so off we went for a road trip in between two visits to Sea-Tac.....

McChord AFB (WA) 19 March 2020

62nd Airlift Wing C-17A

94-0066, 95-0103, 98-0052, 98-0053, 99-0058, 99-0059, 99-0060, 99-0166, 01-0187, 02-1105, 02-1106, 02-1108, 02-1109, 02-1111, 03-3127, 08-8192, 08-8195, 09-9209, 09-9210, 09-9211, 10-0216, 10-0219, 10-0220

Preserved (McChord Air Museum)

(N18AC)/7-17B	B-18B	ex US Air Force
39-036/10-89R	B-23	ex US Air Force
89484	RC-45J	ex US Air Force
44-76502/A	TC-47B	ex US Air Force
48-0574/CQ-574	C-82A	ex US Air Force
52-0994	C-124C	ex US Air Force
65-0277	C-141B	ex US Air Force

Preserved (on base)

63-7584	F-4C	ex US Air Force
76-0116	F-15A	ex US Air Force
82-0929	F-16A	ex US Air Force

We got here early enough to avoid any serious heat haze. The C-17s are fairly easy to read off (from 47.149082, -122.467438) with a telescope and part of the on-base museum can also be seen in the distance. I had investigated applying to get on base to this museum but their website said no foreign visitors at that time and so I left it. As it was with the COVID-19 lockdown, any prior arrangements would have been cancelled anyway.

The on-base trio on display of F-4, F-15 and F-16 can be seen from a public road and peering through the trees at 47.121086, -122.509439.

Camp Murray (WA) 19 March 2020

57-0294 F-101B pres., ex USAF
No picture here as this was Voodoo was on display right by a heavily military policed entrance gate.

Olympia Regional (WA) 19 March 2020

N60CU	S-70
N346BF	Bell 206L-4
N339WN, N344WN, N345WNUH-1	

Olympic Flight Museum

52-7819	OH-13G	ex US Army
N39VC/356	L-39ZO	
N51LD/413926/E2-S	P-51D	
NX15796/3-183	Harvard Mk4	

The museum was shut but we were able to make these few out through a window. A rare mistake from me here in forgetting to go around to a different part of the airfield where Northwest Helicopters can be found with some helicopters on display outside. Another reason to go back!

Lakewood (WA) 19 March 2020

52-9646/TR-646	T-33A	pres., ex USAF
1x	Bell 47	preserved

On getting home from here, subsequent research (US Demobbed) shows that there were another two T-33s here! One (52-9395) inside a small building and another (51-4298) under tarpaulin near to the one outside. I do not remember there being any windows in that building anyhow and the one under tarpaulin is easily missed if you do not know it is there. Anyone know what the identity of the Bell 47 is please?

Pierce County-Thun Field (WA) 19 March 2020

N4576L	Ce402B
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Besides this Cessna a lot of single engine Cessna's and Beech aircraft were also noted.

Clover Park Technical College Aviation Center

(62-4459)	CT-39A	ex US Air F	i/a
66-00772	UH-1V	ex US Army	i/a

67-16924	QTH-55A	ex US Army	i/a
(71-20723	OH-58A	ex US Army	i/a
70-15497	OH-58C	ex US Army	i/a
N1PJ,	A109 A MkII		
N260JL	P2006T		

Auburn (WA) 19 March 2020

Last general aviation field for today. Again, lots of fences but this airfield has lots of easy pickings parked outside to witness smaller types which Scramble does not regularly cover, such as the ubiquitous Ce172.

Seattle-Tacoma (WA) 19 March 2020

Back to our spot just South of the airport from where we could view both arrivals/departures and those departures from Boeing Field.

A6-EPY	B777-300ER	Emirates
B-16737	B777-300ER	EVA Air
B-8136	G550	
C-FSRJ	DHC-8-402	Air Canada Express
EI-DUO	A330-202	Aer Lingus
N48HF	Ce750	Air Forward
N202NN	ERJ175LR	American Eagle
N355FX	EMB505	Flight Options
N359AZ	B767-323ERF	Air Transport International
N558JB	A320 -232	jetBlue
N775FE	Ce208B	FedEx Feeder
N778FE	Ce208B	FedEx Feeder
N978JB	A321-231	jetBlue
N350UP	B767-34AF	United Parcel Service
XA-AMB	B737-852	AeroMexico
XA-VRD	A320-271N	Volaris

Hub traffic

Alaska Airlines	A319 (1), A320 (16), A321 (3), B737 (39), DHC-8 (15), ERJ175 (4)
Delta Air Lines	A220 (2), A319 (1), A330 (1), B737 (11), B757 (1)
Delta Connection	ERJ175 (14)
Southwest	B737 (7)
United	A320 (2), B737 (3), B757 (1)
United Express	ERJ175 (1)

20 March 2020

HL8285	B777-FB5	Korean Air
N158AN	A321-231	American Airlines
N213HA	A321-271N	Hawaiian Airlines
N379HA	A330-243	Hawaiian Airlines
N388HA	A330-243	Hawaiian Airlines
N775FE	Ce208	FedEx Feeder
N819AW	A319-132	American Airlines
N75426	B737-924ER	United Airlines

Hub traffic

Alaska Airlines	A320 (3), B737 (13), DHC-8 (3), ERJ175 (1)
Delta Airlines	A320 (1), A319 (1), B737 (3)
Delta Connection	ERJ175 (6)

Very cold overnight and this lot were seen from our hotel room as we watched the car defrost!

Our last day in Seattle saw us revisit all the Boeing sites again. I had been tempted to go to NAS Whidbey Island but I would have wanted to spend a good part of the day there and there were still some other things to do in the general Seattle area. Also as we had a late flight from Sea-Tac back to Phoenix, we wondered if we could persuade Alaska Airlines to let us go earlier?.....

Everett-Snohomish County (Paine Field, WA) 20 March 2020

C-GHQG	A321-211	Air Canada Rouge
N651QX	ERJ175LR	Alaska Airlines
N624QX	ERJ175LR	Alaska Airlines
N649QX	ERJ175LR	Alaska Airlines
N6412X	Beech 58P	Aviation Modification Services
N7702A	B737-7BD	Southwest Airlines

Aircraft on order

18-46052	KC-46A	US Air Force
A40-MF	B737-8	Oman Air
A7-BHH	B787-9	Qatar Airways

B-20E7	B777-300ER	China Southern
SE-RXB	B787-9	Norwegian Air Sweden
VQ-BFN	B777-300ER	Aeroflot Russian Airlines

Instructional airframe (N511FE)

B727-25F	Everett Airport FD
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Historic Flight hangar

45-4955/S-34	L-4J	ex USAAF
SL633/JT-10	Spitfire LFIXe	ex RAF
N512SE	T-6	
N779XP	DHC-2	
NX800H/A-106	F8F	

We started today by going to the furthest point away from Sea-Tac first, with Everett being about one hour away. We were supposed to be spending time at some museums today but of course we knew by now that they would be shut.

This did not stop me trying my luck out at the Historic Flight Hangar, which I spotted had a car parked outside. A knock on the door and a polite request by me saw us invited in to allow us Brits to see 'our' Spitfire.

After this we did a circuit around the airfield and this list below is only those extras that we did not see on Tuesday 17th. Another MAX and KC-46 knocked off the the list along with a load of general aviation that we did not bother with last time.

Kenmore Air Harbor (WA) 20 March 2020

N14TB	DHC-2	Eager Beaver
N32GW	DHC-2	Great Western Aviation
N50KA	DHC-3	Kenmore Air Harbor
N53TQ	DHC-2	
N67DN	DHC-2	Vectored Solutions
N77MV	U-6A	Maydenbauer Air, ex 57-6168
N87KA	DHC-3	Kenmore Air Harbor
N378BD	L-20A	CDS Aircraft
N548GT	DHC-2	Southwest Associates
N606KA, N702KA, N707KA	DHC-3	Kenmore Air Harbor
N708KA, N709KA	DHC-3	Kenmore Air Harbor
N741DB	U-6A	Associated Leasing
N765KA	DHC-3	Kenmore Air Harbor
N900KA	DHC-2	Kenmore Air Harbor
N1018F	U-6A	Lind Leasing
N1455T	DHC-2	Kenmore Air Harbor
N2502	U-6A	Michael A. Anguilo
N8523	U-6A	AIRRW
N9744T	DHC-2	Kenmore Air Harbor
N9766Z	U-6A	Kenmore Air Harbor
N57576	U-6A	Astra Pacific Aviation
N72355	U-6A	Kenmore Air Harbor
N90422	DHC-3	Kenmore Air Harbor

I was looking forward to visiting this place with its many seaplanes but was unsure of the welcome we would receive. They are very friendly here if you ask to look around and they understand why they are an attraction to us. Quite a few ex-military Beavers to be seen here....

Seattle-South Seattle College (WA) 20 March 2020

N8183F	U-8G	South Seattle College
N9182F	U-8G	South Seattle College

Instructional airframe

N96BB	Jetstar 6
N735K	Beech 65-90
N3024J	Ce150E
N8711S	Ce150

The South Seattle College was shut due to COVID-19, but there were still some people on the grounds and therefore access was still possible. The two Beech U-8s were sat outside and it was possible to look inside the locked buildings to see some of the other airframes that the students normally tinker with.

King County (Boeing Field, WA) 20 March 2020

N34RZ	Beech 1900C-1	Ameriflight
N72KA	Ce208B	
N149WW	Ce525B	Corsair Two
N213AL	PC-12/47E	Corsair Two

N277JJ	Beech B200	Aerospace Testing Engineering & Cert.
N350VJ, N357VJ	CL-350	VistaJet USA
N367UP, N370UP	B767-300F	United Parcel Service
N426KM	Ce208	Kenmore Air
N456FX	G450	Flexjet
N501MB	Ce501	Garood
N524NC	EMB500	TravelConfirm Aerolease
N550BJ	Ce550	Crown Air
N585FX	CL-350	Flexjet
N605PC	PC-12/45	
N619MA	Ce208B	Airpac Airlines
N648QS, N659QS	Ce560	NetJets
N811TT	H269	Airscape Photo
N817UP, N838UP	Beech B350	Wheels Up Partners
N841MA	Ce208B	West Air
N974CW	H269C	Atomic Helicopters
N1213S	Ce208	Kenmore Air
N8510T	DHC-3	Splash Air

Aircraft on order

N7201S	B737-7	Southwest Airlines
(N8744B)	B737-8	Southwest Airlines
(N8812Q)	B737-8	Southwest Airlines
(N8813Q)	B737-8	Southwest Airlines

We had by now seen plenty of static Boeing MAX, but here we actually saw one flying! Also, all of the nine Southwest MAX known to be at Boeing Field were noted thanks to the missing one being towed out of a hangar – this allowed us to fudge the ones we couldn't read on the flight line.

Renton-Clayton Scott Field (WA)	20 March 2020	
N36EB	Beech 58P	John K. Larson
N233N	U-6A	JW
N407KS	Bell 407	King County Sheriff
N3080F	Beech B350	Greyhawk Aviation
N27752	B737-10	Boeing
N67817	Bell 206B	King County Sheriff

Aircraft on order

HL8355 B737-8 T'way Air
Two more new MAX at a noticeably quiet Renton, including the rather new Boeing house colours 737MAX 10.

Seattle-Tacoma (WA)	20 March 2020	
A6-EQA	B777-300ER	Emirates Airline
N191AV	Beech C99	Ameriflight
N346FR	A320-251N	Frontier Airlines
N431WN	B737- 7H4	Southwest Airlines
N783AX	B767-281F	ABX Air
N779JB	A320-232	jetBlue
N7816B	B737-7L9	Southwest Airlines
N8688J	B737-8H4	Southwest Airlines

Hub traffic

Air Transport Int'l	B757 (1), B767 (3)
Alaska Airlines	A319 (3), A320 (9), A321 (1), B737 (24), DHC-8 (6), ERJ175 (7)
American Airlines	A321 (1), B737 (3)
Delta Air Lines	A220 (1), A319 (1), B737 (6), B757 (3)
Delta Connection	ERJ175 (5)
FedEx	A300 (1), Ce208 (2), B767 (1), B777 (1), MD-11 (3)
United Airlines	B737 (4)

Back at Sea-Tac, we got rid of our trusty wheels and then pleaded with Alaska Airlines to let us leave a bit earlier. By now flights were being cancelled and the airport was noticeably quiet with regards to people knocking about.

Alaska were helpful in moving us to an earlier flight as requested which would enable us to get a decent night's sleep in Phoenix.

Hopefully, my reports have shown you just how much can be seen around Seattle in just four days!

We departed Sea-Tac onboard Alaska Airlines Boeing 737-900 N266AK as ASA938 on what would be a just under two-and-a-half-hour flight towards Phoenix.

Phoenix-Sky Harbor (AZ)	20 March 2020	
N375HA	A330-243	Hawaiian Airlines

On the taxi-in, just the one thing of note parked up on stand near to where we stopped.

Penultimate day of our USA MAX bash and we are back in Phoenix. Now this routing might seem strange as we were here a few days earlier, but of course the original plan was to see us spending today at Luke AFB for the air show.

As we knew this had been cancelled just after we arrived in the USA, we all agreed to stick with the Phoenix return rather than go direct to Los Angeles as it gave us a chance to pop down the road towards Tucson and have a look around Marana-Pinal Air Park for a few more MAX.....

Marana-Pinal Air Park (AZ)	21 March 2020
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Preserved

66-15255	AH-1F	ex US Army
67-15471	AH-1S	ex US Army
70-15143	OH-58A	ex US Army

Stored

2-FOHS	A330-202	ex Air Caledonie Int'l
5N-ADM	B747-422	ex Max Air
5N-DBK	B747-4B5	ex Max Air



N789WW is was where the US Army titles were, and for the rest this C-23C Sherpa is very much like it was when the Army operated these work-horses. (Coolidge (AZ), 21st March 2020, Grant Robinson)



Due to Covid-19 the campus of the South Mountain High School was closed. At the site several faculties are present like Aviation Technology or Drama and Arts. The closest to the Aviation Technology department this A-26 Invader is preserved, wearing civil registration N26GT. (Phoenix (AZ), 21 March 2020, Grant Robinson)

5N-HMB	B747-438	ex Max Air
5N-HMM	B747 4B5, Max Air (26409)	
5N-MDK	B747-422	ex Kabo Air
8G-MEG	B767-3P6ER	ex Mega Global Air
F-OJSE	A330-202	ex Air Caledonie Int'l
F-OJGF	A340-313X	ex Air Tahiti Nui
F-OSEA	A340-313X	ex Air Tahiti Nui
N112FB	G-111	
N129TW	B747-128	ex Trans World Airlines
N243BA	B747SR-81	ex All Nippon Airways
N245BA	B747SR-81	ex All Nippon Airways
N248AC	BAe146-RJ85	ex Aero-Flite
N285AC	BAe146-RJ85	ex Aero-Flite
N297EA/107	DC-9 87	ex Erickson Aero Tanker
N471EV	B747-273C	ex Evergreen International
N615SC	B737-5Y0	ex Zambezi Airlines
N744ST/944	B747-446F	ex Global Super Tanker Svcs
N7474C	B747-47C	ex JASDF
N7477C	B747-47C	ex JASDF
N7477S	B747SP-21	ex Sheikh Kalifa Bin Hamad Al Thani
P4-FSH	B747SP-31	ex Ernest Angley Ministries
XA-VIK	B737-3L9	ex VivaAeroBus

Boeing 737MAX Storage

Air Canada	21x
WestJet	5x

I was here last year and can confirm that a lot can be read off with a bit of effort from the car, although of course the best way remains getting yourself in a light aircraft and going aerial. Going past the old Evergreen security gate and taking the long drag (East Pinal Airpark Road) towards the US Army Silverbell facility was no problem last year, but we had a different result this time – let me explain.

We had gone down to Silverbell to see the three helicopters on display and then turned back around to do a slow drive back up to look at all the airliners which are now all to our right. Nobody around and we were mostly off the road, but by the time we got up to a security gate not far from where the Air Canada MAX are all stored, we were paid a visit by a very unfriendly security chap in a 4x4 truck that had come from that gate.

He said we were not to take pictures or be noting down the registrations and should not be on that road at all. He also

said that he would call the Police and tell them that we were terrorists if we did not clear off.

Now we could have entered in to dialogue with him (which was mostly one way from him at this point) or even waited for the Police to come to see what they would say about all this, but we had other things to do and a flight later that day to think about.

Unsure about what relationship this troublemaker might have with the local law enforcement and in the interests of time, we allowed him to chase us off. He stopped at the old Evergreen gate to make sure we left.

He was thoroughly and needlessly unpleasant, so you have been warned. Before any of you suggest otherwise, we did listen politely to what he said and were calm and reasonable in reply. We told him that we were not taking pictures (which we did not) but he was not having any of it.

So I suggest that any future visits to that road are best started at the Silverbell end and as like us, you should have read most of it before you get to that gate where he spotted us from.

He maybe cost us a few of the ten WestJet MAX that were parked in the midfield area, but as a lot of them had been over to the UK (Gatwick) before the mass type grounding, I was not overly bothered. All the Air Canada could be read from elsewhere.

Anyhow despite this encounter, it was a positive visit with lots of change since last July.....

Coolidge (AZ)		21 March 2020
N119TG	C-130A	International Air Response
N192WW	SC-7	Win Win Aviation
N194WW	SC-7	Win Win Aviation
N197WW	SC-7	Win Win Aviation
N261GB	Beech C90A	Safford Aviation Service
N567WW	C-23C	ex US Army 90-07011
N725WW	C-23C	ex US Army 88-01865
N789WW	C-23C	ex US Army 88-01868
N862MB	AS350B-3e	Med-Trans
N4413D/82	PT-13D	Earl David Erwin
Stored		
N131FF/88	C-130A	ex Int'l Air Response

N131HP/131 C-130A ex Int'l Air Response
 N133HP/133 C-130A ex Int'l Air Response
 The last time I went to Coolidge was back in 1996 when I heard (pre-internet research days) that there was a load of imported Polish MiGs there. I saw 13 of them back then but I assume they have all moved on elsewhere now?

Thoroughly friendly here and no problem walking about. Nice to come across an airfield at last with no fences.

Phoenix (AZ) 21 March 2020

Preserved (outside at South Mountain High School)

N26GT A-26B
 One last aviation thing around Phoenix to do and duly ticked off the list. The school grounds were fenced off and locked up, but there is nothing to stop you seeing this rather splendid Invader.

Buckeye Municipal (AZ) 21 March 2020

Preserved

(N126HP)	A-26	ex USAAF
N216HU/7238	HU-16C	ex US Coast Guard
N243DC	DC-3	
N413PB	Canso A	
(N3438G)	B-25	ex USAAF
N15501	C-119	ex US Air Force
(N71456)	C-1	ex US Navy
N346F	PC-6/B1-H2	Kapwosin Air Sports

The two Buckeye airfields were an early casualty to the second day planning as we ran out of time and daylight before getting to pass them on the way from San Diego to Phoenix. So the second aim today was to put that right!

There were some para jumping guys around and they were happy on request to let us walk around the parked aircraft including the many stored Ameriflight Piper Navajos. Also some very nice ex-military bits in the deserted museum here to.

Buckeye-Pierce (AZ)		21 March 2020
N119JW/896	AT-802A	Western Pilot Service
N187LA/810, N196LA/820	AT-802A	Fred Locker
N398LA/898, N512LA/897	AT-802A	Western Pilot Service
N802SG/830	AT-802A	Fred Locker
N870LA/899, N896WP/896	AT-802	Western Pilot Service
N9119B	AT-802	Farm AG Enterprise

Phoenix-Sky Harbor (AZ)		21 March 2020
62-3550	KC-135R	197th ARS
64-14829	KC-135R	197th ARS
C-FXCA	B767-375ER	Air Canada Rouge
C-FRWA	B737-8CT	WestJet
C-FXMS	B737-8CT	WestJet
C-GOCD	B737-8CT	WestJet
C-GWSP	B737-8CT	WestJet
N11AG	PC-12/45	DG + AG
N129UP	A300F4-622R	United Parcel Service
N175SY	ERJ175LR	Alaska Airlines
N188JF	Beech 400A	Hawkerblue
N230FR	A320-214	Frontier Airlines
N273C	HA-420	Cutter Flight Management
N277AK	B737-900ER	Alaska Airlines
N292UP	MD-11F	United Parcel Service
N329FR	A320-251N	Frontier Airlines
N360HA	A330-243	Hawaiian Airlines
N361PJ	Lj36	Premier Jets
N381FE	DC-10-10F	FedEx
N421UP	B757-24APF	United Parcel Service
N430QS	G450	NetJets
N453FX	G450	Flexjet
N479SS	PC-12/47	TVPX Aircraft Solutions
N525MN	EMB500	SME Steel Contractors
N563LC	Raytheon 390	BJCA
N632VA	A320-214	Alaska Airlines
N642AN	Sh360-100	Air Cargo Carriers
N650CZ	Ce650	SBV Aero
N660FE	A300F4-605R	FedEx

N661JM	ERJ135BJ	Swift Aircraft Management
N670WH	PC-12/45	Boutique Air
N680CT	Ce680A	Antelope Leasing
N684DB	Ce680A	Berge Air
N758SS	B757-222	Paradigm
N770VF	Beech C90B	Guardian Flight
N791AX	B767-281F	ABX Air
N850C	Beech 400A	BC Air
N874AS	CRJ200ER	SkyWest Airlines
N921NK	A320-271N	Spirit
N928SB	PC-12/45	TVPX Aircraft Solutions
N16501	ERJ135ER	Contour Aviation
XA-VLM	A320-233	Volaris

Hub traffic

American Airlines	A319 (11), A320 (4), A321 (12), B737 (4)
American Eagle	CRJ700 (6), CRJ900 (13)
Ameriflight	Beech 99 (3), Beech 1900 (1), EMB120 (2), SA226 (2)
Delta Air Lines	A319 (1), A321 (2), A330 (1), B757 (2)
Delta Connection	ERJ175 (1)
JSX Air	ERJ135 (3), ERJ145 (1)
Southwest	B737 (40)
United Airlines	A319 (2), A320 (1), B737 (1)

Last log from Sky Harbor where we did the interesting stuff on the South side before returning the wheels and getting airside for our Southwest flight to Los Angeles. Plenty of flight cancellations seen on the departures board including Southwest and the airport was noticeably quieter than when we first arrived here a week ago.

Anyhow as Southwest have plenty of flights to LA from here, we were OK and boarded N247WN, a 737-7H4 of Southwest Airlines for our just over one-hour flight to Los Angeles.

Los Angeles International (CA) 21 March 2020

B-2027	B777-F1B	China Southern
B-KQA	B777-367ER	Cathay Pacific
HL7610	B747-8HTF	Korean Air
HP-1836CMP	B737-8V3	COPA Airlines
N215HA	A321-271N	Hawaiian Airlines
N220HA	A321-271N	Hawaiian Airlines
N253AK	B737-990ER	Alaska Airlines
N365FR	A320-251N	Frontier Airlines
N621VA	A320-214	Alaska Airlines
N816DN	B737-932ER	Delta Air Lines
N822SY	B737-8BK	Sun Country Airlines
N934JB	A321-231	jetBlue
N3738B	B737-832	Delta Air Lines
N57868	B757-33N	United Airlines
N61882	B737-924ER	United Airlines
N78509	B737-824	United Airlines
VH-ZNE	B787-9	Qantas
XA-AMJ	B737-852	AeroMexico
XA-ECO	A320-214	Interjet
XA-EFR	B767-241ERF	AeroUnion
ZK-OKQ	B777-319ER	Air New Zealand

Hub traffic

American Airlines	A321 (7)
Southwest Airlines	B737 (9)
Spirit Airlines	A320 (4)
Volaris	A319 (1), A320 (3)

On landing, it was straight off to the car hire centre and then to Motel 6...

22 March 2020

This was our last day in the USA and we still had more Boeing MAX to see! By now it was clear that this might be the last trip away for the foreseeable future and what a trip it was!

I converted to using PlaneBase a few years back and this programme reported that 5405 aircraft (including some repeats) were logged on this mammoth trip with the breakdown being; 504 Bizjets, 135 Bizprops, 2909 Jets, 217 Props, 203 Military, 1243 General Aviation and 194 Helicopters. Within those totals, 441 Boeing MAX were seen.

A7-BFP	B777F	Qatar Airways Cargo
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C-GAQZ	A319114	Air Canada
C-GJWI	A321-211	Air Canada
N196SY	ERJ175LR	Alaska Airlines
N237WN	B737-7H4	Southwest Airlines
N260AK	B737-990ER	Alaska Airlines
N669NK	A321-231SL	Spirit Airlines
N708CK	B747-4B5F	Kalitta Air
N776JT	PC-12/45	
N839VA	A320-214	Alaska Airlines
XA-JCV	A320-214	Interjet
XA-VLR	A320-233	Volaris

Hub traffic

American Airlines	A319 (1), A321 (3), B787 (1)
American Eagle	CRJ700 (1), ERJ175 (4)
Delta Air Lines	A319 (1), B737 (3), B757 (1)
Delta Connection	ERJ175 (2)
United Airlines	B737 (1)
United Express	CRJ200 (2), ERJ175 (2)

A few seen from the hotel before we hit the road.....

Victorville-Southern California Logistics (CA) 22 March 2020

09-05650	AH-64D	US Army
09-05655	AH-64D	US Army
09-05657	AH-64D	US Army
09-05663	AH-64D	US Army
2x	AH-64D	United States Army
N36RX	EC135P-2+	Reach Air Medical Svcs
N274LE	RC500A	Bela Csonka
N381CM	B737-85P	
N658AM	A109E	Tri-State Care Flight

The Rockwell Commander, registered N274LE, is a Colemill Super 300 conversion.

Preserved

63-7519/GA	F-4C	ex US Air Force
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Stored

TP-01	B787-8	ex Mexican Air Force
B-16108	MD-11F	ex EVA Air
B-HOZ	B747-467F	ex Cathay Pacific
(B-HMD)	B747-2L5F	ex Norskfreight
HL7414	B747-48EF	ex Asiana Airlines
HZ-AB1	L-1011-500	ex Al Anwa
LV-ZPJ	A340-211	ex Aerolineas Argentinas
LV-ZPO	A340-211	ex Aerolineas Argentinas
LV-ZPX	A340 211	ex Aerolineas Argentinas
LZ-AWT	A319-112	ex Germania
N74PW	B737-2H4	ex Air Caribbean (21339)
N382BC	MD-11F	ex Aeroflot
N506BC	B777-212ER	ex Singapore Airlines
N546BC	MD-11F	ex Ethiopian Airlines
N640BC	MD-11F	ex Global African
(N643BC)	B777-212ER	
N707SE	B707-328C	ex 1415 SAAF
N711SY	B737-73V	ex Sun Country Airlines
N728BC	B717-2BL	ex Volotea Air
N734BC	B717-2BL	ex Volotea Air
N772ET	B777-2J6	ex Air China
N797AL	DC-8-63F	ex Emery Worldwide
(N805NA)	Learjet 24A	ex NASA
N828BA	B747-830	Boeing
N837BC	B777-21B	ex China Southern
N828AL	B737-236	ex Aloha Airlines
N837AL	B737-236	ex Aloha Airlines
N868BC	B777-212ER	ex Singapore Airlines
N938BC	B777-2J6	ex Air China
N940BC	B777-212ER	ex Singapore Airlines
N952JM	B747-438	ex QANTAS
N953JM	B747-438	ex QANTAS
(N958JM)	B747-438	ex QANTAS
N995CF	DC-8-62AF	ex Int'l air Response
(N68084)	B757-258ER	ex Sun d'Or
(N68087)	B757-222	ex Continental Airlines
(N68089)	MD-11CF	ex Martinair Holland
(N68091)	MD-11F	ex Martinair Holland
(N68092)	MD-11CF	ex World Airways
(N68093)	MD-11F	ex World Airways

N91011	L-1011-500	ex Orbital Sciences
RP-C7772	B777-3F6ER	ex Philippine Airlines
VP-BDR	B777-212ER	ex VIM Airlines
VP-BVA	B777-2H6ER	ex VIM Airlines
Allegiant	B757 (4), MD-80 series (14)	
All Nippon Airlines	B767 (1), B777 (3)	
British Airways	B747 (4), B767 (2)	
China Airlines	A341 (1), B747 (7)	
Delta Air Lines	A321 (2), B717 (3), B727 (1), B767 (5), B777 (2), DC-10 (1)	
FedEx	A300 (7), A310 (36), B727 (5), B757 (5), DC-10 (46), MD-11 (10)	
Lufthansa Cargo	MD-11 (4)	
Qatar Airways	B787 (7)	
Southwest	B737 (54)	
United	B737 (1), B747 (10), B757 (1), B767 (2)	

B737MAX storage

Boeing:	5x
Cayman Airways:	VP-CIW
China Southern:	B209A/B-20CU, (N223BE), (N1787B)
Ethiopian:	(N1779B)
Flydubai:	A6-FMM/A6-FMN/A6-FMO
Fuzhou:	(N40215)
GOL:	PR-XMQ
LOT Polish AL:	(N1781B)
Norwegian Air Sweden:	SE-RTO/SE-RTP
Ryanair:	EI-DHO/EI-DHP
Shandong:	N1800B
Shanghai:	B-208W
Shenzhen:	B-20CH/B-20DZ
SmartWings:	OK-SWR
Southwest:	32x
SpiceJet:	(N1784B), (N1798B)
Sriwijaya Air:	(N1786B)
Xiamen air:	B-20E0/B-20E1

Stored (on order)

N640SW	B737-3H4SF	ex Southwest
N947BA	B787-8	for Crystal Luxury Air
VP-BYX	B777 212ER	for Eastern Airlines

Just under 2 hours and 100 miles later, we arrived at Victorville. It was very quiet around the perimeter being quite early on a Sunday morning.

The last time I came to this location, it was George AFB and I saw 45 Phantoms parked out on the vast ramps, 30 "GA" coded F-4Es from 35th TTW and 15 "WW" coded F-4E and F-4Gs from 37th TFW. This was back in 1990 when I took part in my first big States (mostly military) bash. It was a nice touch to see a preserved F-4C on display to remember the heritage of this place.

Anyhow as it was my first visit here since becoming a civilian airliner storage site, I needed quite a few of the stored FedEx but the main reason for being here was for the many stored Boeing MAX of which we confirmed 32 Southwest ones and another 29 from various other airlines including five all white ones. I realise that there are supposed to be 34 Southwest examples here, but we didn't manage to count more than 32 from the various angles that we found. Anyone know if they are ever moved about about or hangared there?

We just missed the arrival of six US Army AH-64Ds and I was unable to fully read off two of them and came away with just the last three. Can anyone confirm what "461" and "008" could or should be please?

We spent several hours driving around the perimeter of this large airfield and most of the many, many airliners here can be read off with patience. We witnessed more in-service Southwest 737s arriving for storage and many of you might have seen aerial pictures of this airfield and the many stored airliners on your news footage as an example of how badly COVID-19 had hit the airline industry. Certainly, plenty more arrived after we left here.....

San Bernardino (CA)

166500 UC-35D
 N40CU CH-47D
 N103BZ Ce560 Encore
 N137CG B737-3H4
 N160AP CH-47D
 N160BB CH-47D
 N160DY CH-47D
 N160FA CH-47D
 N160TN CH-47D
 N306SB UH-1H
 N515CY Lj55
 N726CK B727-2M7F
 N835SB AS350B-3
 N972BW MD-530F
 N17085 DC-10-30
 P4-RYY ERJ135BJ

Stored

(D2-)FGJ
 (DQ-FJH)
 F-OJTN
 HS-TEK
 JA8947
 JA8997
 JA8669
 JA8670
 LN-TUA
 N164TS
 N165TS
 N222LF
 N431MA
 N869AA
 N968UA
 N612AT
 N683UA
 N579UA
 N904AW
 N905AW
 N982UA
 OE-IEV
 VH-VLH
 TC-OCA
 TC-OCC
 TC-OCD
 ZS-SNE
 ZS-SNH
 ZS-SNI

22 March 2020

MCAS Miramar
 UC Helitanker, ex 80-00169
 Tripacific Managers
 Coulson Flying Tankers
 Unical Defense, ex 91-00238
 Unical Defense, ex 91-00258
 Unical Defense, ex 91-00235
 Unical Defense, ex 91-00268
 Unical Defense, ex 89-00168
 San Bernardino Sheriff, ex 71-20271
 Nat'l Aerotech Aviation Delaware
 Kalitta Charters
 San Bernardino Sheriff
 Roberts Aircraft
 10 Tanker Air Carriers
 Arab Wings

MD-82 ex ServisAir (29969)
 B737-8X2 ex Fiji Airways
 A340-313X ex Air Tahiti Nui
 A330-322 ex Thai Airways Int'l
 A320-211 ex All Nippon Airways
 A320-211 ex All Nippon Airways
 B767-381 ex All Nippon Airways
 B767-381 ex All Nippon Airways
 B737-705 ex SAS Scandinavian
 B727-223F ex Kelowna Flightcraft
 B727-223F ex Kelowna Flightcraft
 Bell 222UT ex CJ Systems Aviation
 Bell 222U ex Air Methods
 B727-223 ex American Airlines
 B737-5L9 ex ANA Wings
 B737-7BX ex Kunming Airlines
 DHC-8-402 ex JAL Commuter
 B737-73V ex Meridiana
 B757-2S7 ex US Airways
 B757-2S7 ex US Airways
 B767-346 ex Japan International AL
 A320-232 ex Volaris
 B727-277F ex Heavylift Cargo
 A330-322 ex Onur Air
 A330-323 ex Onur Air
 A330-322 ex Saudia
 A340-642 ex South African Airways
 A340-642 ex South African Airways
 A340-642 ex South African Airways

Hub traffic

Delta Air Lines A320 (1), B717 (2), B757 (1), MD-80 (9), MD-90 (8)
 Etihad Airways B777 (4)
 United Airlines B757 (11)

I had thought about visiting Chino and its excellent museums on the way back to LAX but I guessed that they would be closed due to COVID and so instead tried out a first visit to San Bernardino. A wholly frustrating place but still well worth a visit especially for the CH-47Ds. It is frustrating because you will miss as much as you manage to read off, due to the layout of the airfield and the way that the stored airlines are parked together in big groups.

You can access viewpoints along the Northern side but the entire Southern side is off limits due to quarrying and a massive Amazon Prime distribution centre. Eastern end offers no views and Western end is too far away.

Hawthorne (CA)

22 March 2020

N111MC BAe125-900XP (HA-0024)
 N135BC EMB505 TVPX Aircraft Solutions
 N192T Do328-310 Taos Air
 N192TS Do328-310 Taos Air
 N849SA, N850SA, N853SA PC-12/47E TVPX Aircraft Solutions

A quick drive-by at Hawthorne which is surprisingly close to LAX at just 3 miles away. It was pouring with rain again by this point and so it looked like the trip was going to end weather wise as it started in LA.

Los Angeles-Proud Bird Restaurant (CA) 22 March 2020

Preserved (outside)

(2292) MiG-15bis as PLAAF "1170"
 (144930)/4 A-4B ex US Navy
 (N81GB) Beech C18S
 (N19915) DC-3C

Los Angeles-Spartan College (CA)

22 March 2020

Preserved (outside)

62-4456 CT-39A ex US Air Force

This Sabreliner is on display within the compound of the Spartan College of Aeronautics and Technology.

Los Angeles (CA)

23 March 2020

A7-CGA G650ER Qatar Executive
 A7-CGC G650ER Qatar Executive
 B-16782 B777-F EVA Air
 B-18701 B747-409F China Airlines
 DQ-FAJ A350-941 Fiji Airways



Erwin Alexander went on a trip to catch some preserved Hungarian golden oldies. L-29 376 first turned up in a preserved capacity in Csepel in June 1996, where it was last seen in September 2000. Now it is preserved at the Pintér Múvek Haditechnikai Park. (Kecel, 3 July 2020)



Former East German Air Force Ilyushin Il-14P 426 was withdrawn from use and flown the same day to Szolnok (on 1 December 1980). In the same town, the aircraft was preserved in a Hungarian colour scheme. It is still located at the old location of the Szolnok museum. (1 July 2020, Erwin Alexander)

F-HPJD	A380-861	Air France
F-OTOA	B787-9	Air Tahiti Nui
G-VBZZ	B787-9	Virgin Atlantic
HL7436	B747-48EF	Asiana Airlines
HL8043	B777-F	Korean Air
HL8210	B777-3B5ER	Korean Air
HP-1845CMP	B737-8V3	COPA Airlines
JA791A	B777-381ER	All Nippon Airways
N361HA	A330-243	Hawaiian Airlines
N506JB	A320-232	jetBlue
N530NK	A319-132	Spirit
N531UA	B757-222F	DHL
N678NK	A321-231	Spirit
N702GH	G-IVSP	Sej air
N732CK	B737-405F	Kalitta Charters II
N823MA	Ce208EX	Mokulele Airlines
N855GT	B747-87UF	Polar Air Cargo
N900J	G-V	Jetran
N946JL	A321-231	jetBlue
VH-VPE	B777-3ZGER	Virgin Australia
VH-ZNA	B787-9	Qantas
VH-ZNH	B787-9	Qantas
VH-ZNI	B787-9	Qantas
XA-ADT	B737-800	AeroMexico
XA-VIE	A320271N	VivaAeroBus
ZK-OKS	B777-319ER	Air New Zealand

Hub traffic

Alaska Airlines	A319 (1), A320 (4), B737 (3), ERJ175 (3)
American Airlines	A319 (1), A321 (7), B737 (2), B787 (2)
American Eagle	ERJ175 (6)
Delta Air Lines	A319 (1), A320 (2), B737 (7), B757 (1), B777 (1)
Delta Connection	CRJ700 (1), ERJ175 (4)
FedEx	A300 (2), B767 (3), B777 (1), MD-11 (2)
Southwest	B737 (7)
United Airlines	B737 (4), B757 (4), B787 (4)
United Express	CRJ200 (1), ERJ175 (1)

We spent a little time on Imperial Hill and LAX was noticeably much quieter in all aspects when compared to our start here 11 days ago and the use of masks was much more visible within the terminal. Virgin Atlantic Airways Boeing 787-9 G-VBZZ waited to take us home as VS24 which was a fairly full flight and took 9 hours and 18 minutes to go direct to LHR.

London-Heathrow		23 March 2020
A6-EUB	A380-861	Emirates
VQ-BIT	A320-214	Aeroflot Russian Airlines

And so, we are back in the UK just in time for that evening's lockdown announcement by the UK Prime Minister. I hope you have enjoyed the reports – stay safe.

Credits: Grant Robinson/Oxford Aviation Group

Hungary Wrecks & Relics

Like most aviation enthusiasts being not able to travel due to the COVID-19 virus, for me also it really started to itch to be on the "road" again. Finally, after several times I had to cancel this trip, I could go on my W&R trip to Hungary. So all equipped with my travel/spotting gear and now as extra add-on, a facemask, ready to go!

In this trip review are mainly W&Rs reported and some occasional operational interesting planes.

Budapest Airport 29 June 2020

Location: 47.428519° 19.244756°

HA-LCA Tu-154B-2 ex Malév std, **73A045**

Tápiószecső

29 June 2020

Location: 47.449168° 19.629928°

825 MiG-21F-13 ex Hungary AF as "1981"

After collecting my rental car, a Skoda Fabia with Romanian license plates??? I was finally on my way to what would become a trip of 2100 km by the end of the week, in Hungary only. The first stop this afternoon was a military complex in the village of Tápiószecső. Here can a MiG-21 be found preserved between some other military equipment on the base. Although the guards were very friendly, they explained me that they couldn't let me on the base due to the Corona regulations. However, they were fine with me taking some photos from the entrance.

Sástó-Oxygen Adrenalin Park 29 June 2020

Location: 47.847251° 19.966213°

1x An-2 pres., in Yellow/Blue c/s

The next stop was near the village of Sástó, where in the "Oxygen Adrenalin Park", a An-2 is preserved. Unfortu-

nately, the An-2's identity remains unknown as it's too well overpainted and the door was locked to have a peek inside for the frame number.

Debrecen-town (Roncsbár) 29 June 2020

Location: 47.531950° 21.629114°

HA-5388 R-26S Góbé Preserved **E-1257**

As it was already getting late in the afternoon and I had reached my destination for the day, I decided to call it the day and leave my air-conditioned car for what it was and enjoy the warm temperature of 30°C outside with a nice cold beer in the city of Debrecen. Where could I do this better than in "Roncsbár" where a Rubik R-26 Góbé glider can be found inside hanging on the ceiling.

Hajdúhadház 30 June 2020

Location: 47.668397° 21.716402°

10425 Mi-8T ex Hungary AF i/a, **10425**

Location: 47.667456° 21.716951°

428 Mi-8 ex Hungary AF i/a, **200428**

First destination for today was the military training grounds in Hajdúhadház. Here, two M-8's can be found at the shooting range and can easily be seen from the outside. When you drive towards this location you can just follow the road through the military camps as it is a public road. On arrival at this location, I announced myself to the military staff at the shooting range, asking if I could make some photos. After a friendly chat they were fine with this as these helicopters are parked up in the front as they are in use as i/a and parked up all the way in the front of the range.

Nyíregyháza 30 June 2020

Location: 47.984210° 21.690401°

Operational?

HA-MBO	An-2R	1G166-33
HA-MED	An-2R	1G187-29
HA-MEK	An-2R	1G190-20
HA-MEL	An-2R	1G190-21
HA-MKF	An-2TP	1G233-43
YR-APD	An-2R	1G116-45

Derelict/stored/wfu/dumped

HA-MAF	An-2R	Fuselage	der., 1G190-45
HA-MBK	An-2R	Fuselage	Wfu, 1G166-29
HA-MDX	An-2R		std, 1G186-05
HA-MDY	An-2R		wfu, 1G186-06
HA-MEF	An-2R	Fuselage	wfu, 1G187-30
HA-MEG	An-2R		Wfu, 1G187-31
HA-MEM	An-2P	Fuselage	Wfu, 1G190-22
HA-MEZ	An-2R		Stored, 1G127-27

HA-MHV	An-2R	Stored, 1G154-05
UR-68106	An-2R	Fuselage Stored, 1G195-11
HA-...	Ka-26	dump

Location: 47.981235° 21.689787°

HA-MPE	Ka-26	cabin	std, 7706112
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Location: 47.980597° 21.689661°

HA-MAH	An-2R	Aero Wasp	1G178-39
HA-MRF	Ka-26		7806503

Stored

YR-PMD	An-2R	Fuselage	1G227-14
OM-M247	K-4M		
HA-5377	R-26S Góbé		E-1246
HA-BGA	SA365N-3		6786

The second stop for today is the small airfield of Nyíregyháza. After asking permission to photograph on the airfield, my first target were the stored An-2's on this airfield.

Gyulaháza 30 June 2020

Location: 48.135392° 22.113796°

817 MiG-21F-13 ex Hungary AF as "1980"

After this good catch of An-2's straight to the next stop. This was an easy one, a MiG-21 in front of a school along the main road in the village of Gyulaháza.

Beregdaróc 30 June 2020

Location: 48.180761° 22.520343°

HA-MAX	An-2R	1G167-59
UR-20667	Mi-2	526630050

The last stop for today is nearly at the Ukrainian border in the middle of nowhere, a farm has a Mi-2 and an An-2 preserved near the village of Beregdaróc. The Mi-2 is wearing "army" titles.

Berekfürdő-Secrets of the Soviet airbase 1 July 2020

Location: 47.383787° 20.841538°

Preserved

9620	Mi-24D	ex NVA, as Soviet AF "03ye"
41	MiG-21bis	ex Hungary AF 75077711

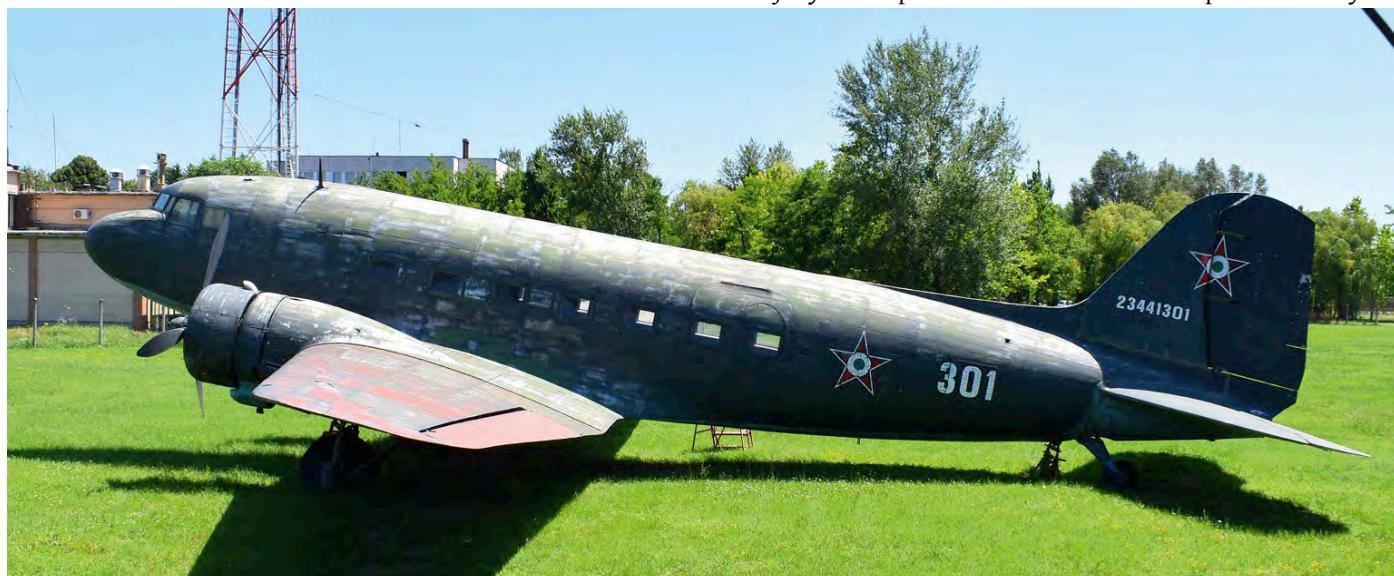
The main goal today is the Szolnok area. On my way from Debrecen towards Szolnok I made a quick stop in the village of Berekfürdő where a small Soviet museum is housed. Although the museum is only open in the weekend, the two airframes they own are easy to be seen and photographed from the outside.

Surjány Airfield 1 July 2020

Location: 47.202394° 20.475378°

HA-MEX	An-2R	1G217-53
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Back in the car and on road towards Szolnok I came along Surjány airstrip where I noticed an An-2 parked on a yard



Lisunov Li-2T 301 has an interesting history. Originally delivered to the Repülő Csapatai on 27 March 1952. After the failed Hungarian uprising, this aircraft had to be handed over to Malév on orders of the Soviet handlers. This aircraft was preserved at Pécs since 1965 and replaced HA-LIX, which was preserved as "209" in the Hungarian Air Force museum at Szolnok in October 2006 after a (thorough) restoration. (Szolnok, 1 July 2020, Erwin Alexander)



In 1976 the Hungarian Air Force received four Zlin Z-43 courier aircraft, 078 being one of them. It once belonged to the 93rd Mixed Air Squadron which stationed their aircraft at the air bases of Szentkirályszabadja, Tököl and Budaörs. Nowadays it is preserved at Kecel. (3 July 2020, Erwin Alexander)

next to a farm. My first thought was that this airframe was stored but after closer inspection it seems to be operational and in perfect condition.

Szolnok 1 July 2020

Location: 47.164059° 20.202652°

574 Mi-24D ex Hungary AF **220574**

In Szolnok is a beautiful freshly painted Mi-24 placed on a roundabout. A very impressive sight when you drive towards the roundabout. Especially when you drive from Szolnok town center over the bridge towards this Mi-24.

Szolnok-Former aviation museum location 1 July 2020

Location: 47.164059° 20.202652°

Preserved

907	An-24V	ex Hungary AF	77303907
202	An-26	ex Hungary AF	2202
301	Li-2T	ex Hungary AF	23441301
426	Il-14P	ex NVA, as HunAF	14803022
55	Il-28	ex Hungary AF	55006455
37347/47	JA37DI	ex Swedish AF	37-347
J-4022	Hunter F58	ex Swiss AF	41H-697389
HA-LBF	Tu-134	ex Malév	0350923
HA-MOE	Il-18V	ex Malév	182005505

The next stop in Szolnok is the former location of the Aviation museum next to the airbase. Some larger aircraft are still at this location and hopefully they move these airframes also to the new location of the museum.

As this location has a concrete wall around the whole area, you will need a ladder to have peak over it.

Szolnok 1 July 2020

Location: 47.131782° 20.223756°

10417 Mi-8T ex Hungary AF **10417**

When you walk towards the main entrance gate from the old museum location and take the road to the left just before the entrance you find a Mi-8 preserved along this road.

Location: 47.130770° 20.223720°

724 MiG-15bis ex Hungary AF **31530724**

After photographing this Mi-8, I walked towards the main gate to ask permission to make a shot of the MiG-15 gate guard. Of course, as expected no permission as a MiG-15 is apparently top secret. But no worries when you walk back to the carpark you can make still a photo.

Szolnok-Reptar Szolnok Aviation Museum

1 July 2020

Location: 47.130770° 20.223720°

Preserved

534	Mi-4A	ex NVA as HunAF "27"
04146		
21+64	F-104G	ex German AF 7033
28+15	L-39ZO	ex German AF as HunAF
"018"	731018	
(43)	CSS-13	ex Hungary AF 0443
04	IAK-52	ex Hungary AF 9411715
505	Ka-26	ex Hungary AF 7001505
379	L-29	ex Hungary AF 591379
119	L-39ZO	ex Hungary AF 831119
19	LET C-11	ex Hungary AF 171119
R-05	L-200D	ex Hun. Police 171128
09	Mi-1M	ex Hungary AF W05009
9410	Mi-2	ex Hungary AF 519410095
001	Mi-8IV	ex Hungary AF 220001
416	Mi-8P	ex Hungary AF 10416
10439	Mi-8T	ex Hungary AF 10439
114	Mi-24D	ex Hungary AF K20114
117	Mi-24D	ex Hungary AF K20117
714	Mi-24V	ex Hungary AF 220714
716	Mi-24V	ex Hungary AF 220716
203	MiG-15UTI	ex Hungary AF 3203
912	MiG-15bis	ex Hungary AF 0912
405	MiG-17PF	ex Hungary AF 0405
28	MiG-19PM	ex Hungary AF 651028
813	MiG-21F-13	ex Hungary AF 741813
1319	MiG-21U-400	ex Hungary AF 661319
1512	MiG-21PF	ex Hungary AF 761512
1904	MiG-21bis-SAU	ex Hungary AF 75061904
3041	MiG-21UM	ex Hungary AF 516903041
3945	MiG-21bis-Lasur	ex Hungary AF 75033945
4419	MiG-21U-600	ex Hungary AF 664419
5721	MiG-21bis-SAU	ex Hungary AF 75035721
9309	MiG-21MF	ex Hungary AF 969309
9512	MiG-21MF	ex Hungary AF 969512
06	MiG-23MF	ex Hungary AF 0390217165
15	MiG-23UB	ex Hungary AF A1037926
05	MiG-29	ex Hungary AF 2960535148
12	Su-22M3	ex Hungary AF 51612
0126	Yak-12R	ex Hungary AF 0126
18	Yak-18	ex Hungary AF 4318
1x	Il-2M3	ex-Soviet AF (wreck)
63-893/8-893	CF-104	ex Turkish AF 1193
F-BFOJ	N1002	as Hungary AF "G356" 269
HA-1308	R-16b Lepke	E-952
HA-3429	E-31 Esztergom	E-1309

HA-4112	R-22S "lamináris"	E-890
HA-4347	SZD-30	S-07.07
HA-5410	R-26S Góbé	E-1279
HA-MDP	An-2R	1G185-44
HA-OMC	Ae-45S	as Hungary AF "G-007"
HA-FBK	Z-43M	0076
HA-XCA	Révy László Kvasz I replica	BR-04

HA-MDP is preserved on the ceiling, inside the building with the children's play area. Hinds 117, 714 and 716 are preserved with their special c/s.

Restoration

HA-MDG	An-2R	as Hungary AF "10/16210"
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Wings and tail have already arrived, soon the fuselage will arrive, and this plane will be put on display.

Temporary exhibit (on loan)

163306/3 red	Bf109G-6	ex Luftwaffe	163306
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The Messerschmitt is on temporary loan from the Krakow museum.

As I didn't wanted to waste time to try to find good locations at the airbase itself where I could see some W&R to discover afterwards it's not possible, I decided to go first to another location in Szolnok where two Mi-24's are parked up. Unfortunately, the guard couldn't let me access this location in the daytime but told me to come back around five in the afternoon and he would let me in. The guard told me about another Mi-24 what should be preserved at a garden center in the village of Szajol what's only a ten minutes' drive from Szolnok. This raised my eyebrows as this should be Mi-24 serial 577. However, I didn't had much expectations to find this Mi-24 at the garden center as it didn't show up on Google Earth for the last two years. Anyway, I took my chances and drove to the garden center to discover that this airframe has left its location. After talking with a staff member of the garden center, he told me that the helicopter was indeed removed from its location, but he was not allowed to tell me where it's stored right now. Time will tell before it will show up again. From the garden center I drove straight down to the Aviation Museum in the town of Szolnok to spend the rest of the afternoon there.

Szolnok 1 July 2020

Location: 47.145820° 20.147036°		
576	Mi-24D	ex Hungary AF std, 220576
580	Mi-24D	ex Hungary AF std, 220580

After the museum visit, I went to my hotel to check in and refresh myself before I went back to the location in Szolnok at a transport company where two Mi-24's are stored. When

I arrived there the guard kept his promise and let me in to make some photos.

Gyomaendrőd

2 July 2020

Location: 46.910516° 20.761266°

HA-MDM	An-2R	1G183-20
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First stop for today a small farmers airfield near the village of Gyomaendrőd where to be believe an An-2 should be stored. Well, the An-2 was there but it seems operational to me. Anyway, a rare catch as this specific airframe hasn't been seen very often.

Békéscsaba 2 July 2020

Location: 46.676990° 21.160070°

HA-ABR	An-2R	1G174-08
HA-DAE	An-2R	1G164-06

Preserved

807	MiG-15bis	ex HunAF	31530807
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After this catch I moved to the next farmers airstrip near the village of Nagyszénás. When I arrived, I contacted the farmer to ask permission to make some photos of the two An-2 fuselages HA-MBJ & HA-MDN. However, the farmer told me that they were removed and transported to another location just a few days before for this reason I did not look any further. Being back home and writing this report, I start to think more and more that the farmer I spoke and me had a miss-communication. I realize now that he meant to say, that a few days before I was there some An-2's were flying from his airstrip. I suppose that the An-2 fuselages are still at this location. If anyone has any updates, please send them to Scramble.

Back on the road again to the next location, Békéscsaba airfield for the preserved MiG-15.

Telekgerendás 2 July 2020

Location: 46.653487° 20.963962°

HA-MBB	An-2R	1G161-07
HA-MEJ	An-2R	1G190-19
HA-MKG	An-2R	1G158-16

Derelict/wfu

UR-07559	An-2R	Aeroflot	der., 1G154-60
HA-MFH	Z 37		wfu, 17-07

After this quick visit I went straight to the next location, a small agro-cultural airstrip near Telekgerendás. The Ukrainian An-2 fuselage is all overgrown by now by vegetation, So if you want to photograph it, I recommend to visit this location in the winter.

Pusztatottlaka 2 July 2020

Location: 46.536167° 21.021075°



A sight which will become in the near future extinct. These stored aircraft near Pápa Air Base, which apparently belong to the museum in Kecel, and the site will be cleared with the aircraft going to various locations. (4 July 2020, Erwin Alexander)



MiG-21bis-SAU 6327 is one of the aircraft which are currently stored at the "MiG alley" in Pápa. In the background MiG-21UM 53 is visible. (4 July 2020, Erwin Alexander)

581 Mi-24D pres., ex HunAF **220581**
 What can I say about the next location, well, it's in the middle of nowhere near the village of Pusztatottlaka. What this location exactly is I really do not know. Anyway, they have a Mi-24 preserved and that was enough reason for me to visit this location.

Algyő **2 July 2020**

Location: 46.322471° 20.215807°

HA-MBP An-2R pres., as Hungary AF "05"
 On my way to my next location I decided to skip the Mi-8 in Hódmezővásárhely. This Mi-8 can be found in the middle of the army barracks and I was not sure if I could see it from the outside. Therefore, I didn't want to waste time and moved on to the village of Algyő where a civilian An-2 can be found as Hungarian Air Force.

Szatymaz **2 July 2020**

Location: 46.32265° 20.0532°

HA-MBD	An-2R	Szemp Air	1G161-09
HA-MBJ	An-2R	Szemp Air	1G166-28
HA-MBL	An-2R	Szemp Air	1G166-30
HA-MEN	An-2P	Szemp Air	1G190-23
HA-MES	An-2R	Szemp Air	1G194-28
HA-YHD	An-2PF		1G187-36
HA-TNB	Pa-25-235		25-8056036
HA-MFY	Z 37A	Szemp Air	13-29

As everything went well today on this road trip, I made a last call decision to make a stop at Szatymaz Airfield to catch some An-2's here. Friendly people here and it was no problem to photograph the An-2's on the other side of the airfield. Although this was going to be a bit of a walk, I decided to put my 300mm lens on my camera and make some shots from the far distance.

Szeged-Szegedi Hadipark **2 July 2020**

Location: 46.266196° 20.107578°

Preserved

96+27	Mi-24D	ex Germany AF	110162
D-HVAB	Mi-2F	ex Germany	562944063

Satisfied with this good catch of An-2's I was on my way again for a short drive to Szeged where a small museum with military material is housed. The displayed Hind has the tailboom of 96+10 attached.

Szeged Airport **2 July 2020**

OK-PCE	PC-12/47E		1403
HA-MSX	Schweizer 300C Rivair		S-1293
HA-JAA	Yak-52		899802

Location: 46.250893° 20.098908°

HA-MMT	Ka-26	std,	7303906
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Although I did not have any intention to make a stop at Szeged airfield, I noticed in the far distance a stored Ka-26. I could not resist to let this one go, so I drove straight back to the airfield.

Location: 46.252172° 20.098645°

OE-KEH	Ce182R	std,	182-68387
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Inside a hangar a fuselage of an Austrian Cessna was found.

Domaszék **2 July 2020**

Location: 46.249170° 19.950812°

HA-MEY	An-2R	der.,	1G217-54
HA-MKA	An-2R	wfu,	1G186-29

After this unexpected stop at the airport, on my way again to a location near the village of Domaszék where in a field two An-2's can be found. Driving towards this location over unpaved roads or something what you even cannot call a road, are those moments when you start to question yourself "Why didn't I start another hobby back in the day...."

Kecskemét **2 July 2020**

Location: 46.904375° 19.748034°

9606	MiG-21MF	pres., ex HunAF	969606
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From Domaszék to my final destination of today, Kecskemét air base, there are no W&R locations to be found. So, my first stop became in Kecskemét where a MiG-21 is preserved on a roundabout.

Kecskemét Air Base **2 July 2020**

Location: 46.926565° 19.737633°

47	Il-28	ex HunAF	der,	54006047
002	Lim-1	ex HunAF as "1951"	der	
684	MiG-15bis	ex HunAF as "1977"	der	
805	MiG-21F-13	ex Hungary AF		

Only remains remain from MiG-21F-13 805 at this location.

Stored

Location: 46.921502° 19.735005°

915	MiG-21F-13	ex HunAF	741915
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Location: 46.916305° 19.745390°

110	An-26	ex Hungary AF	9110
405	An-26	ex Hungary AF	3405
406	An-26	ex Hungary AF	3406
407	An-26	ex Hungary AF	3407

After this stop I was hoping to be able to see the stored MiG-29's at Kecskemét air base. When studying the satellite images on Google Earth it looked promising, however, whilst driving on the road next where the MiG-29's are parked up I realized that my hope to see or photograph them was shattered due to the very dense vegetation between the main road and

the air base. Those things happen, take your loss, and move on. My second aim where the other MiG-29's what should be parked up in the revetments and should be visible from the outside. Unfortunately, no luck here either as apparently all the remaining MiG-29's are moved elsewhere, I assume they joined the other line of stored MiG-29's I mentioned earlier. Anyway, from the main road I kept on driving on the unpaved road around the airbase on my way to photograph the derelict MiG-15's and the Il-28. Lucky for me, they were still here and particularly good visible from this location.

Preserved

Location: 46.916305° 19.745390°

301 MiG-21F-13 ex Hungary AF (as "25")

The final stop for today was the main gate where a MiG-21 is preserved. Unfortunately, the guards did not let me take a photo from nearby, so I had to do it with a distance shot from the café in front of the gate.

Jakabszállás 3 July 2020

Preserved

Location: 46.748888° 19.606179°

814 MiG-15bis ex HunAF as "1978"

After a good sleep back on the road again, first stop at the small airfield of Jakabszállás where a preserved MiG-15 can be found.

Bócsa 3 July 2020

Location: 46.619171° 19.488915°

HA-SFS Z-142 pres., 0237

The small village of Bócsa has two planes preserved. At some sort of camping/fishing resort a preserved Zlin 142 on fake floats can be found.

504 Li-2P ex HunAF pres., 18439504

On the other side of the village a Li-2 is preserved next to the road.

Kecel 3 July 2020

Location: 46.537682° 19.239930°

33 Mi-1MU ex HunAF std, W01033

Before going to the military museum in Kecel itself it might be wise to drive to the storage area of the museum where a Mi-1 can be found and easily see and photographed from the road.

Kecel-Pintér Múvek Haditechnikai Park 3 July 2020

Preserved

Location: 46.537543° 19.243743°

28+07 L-39ZO ex Germany AF 731008

908 An-24V ex Hungary AF 77303908

376 L-29 ex Hungary AF 591376

32	Mi-1M	ex Hungary AF	W01032
8916	Mi-2	ex Hungary AF	518916104
10424	Mi-8T	ex Hungary AF	10424
104	Mi-24D	ex Hungary AF	K20104
061	MiG-15bis	ex Hungary AF	3061
677	MiG-15bis	ex Hungary AF	2677
123022	MiG-15bis	as HunAF "064/1963"	
315	MiG-17PF	ex Hungary AF	0315
847	MiG-17PF	ex Hungary AF	0847
27	MiG-19PM	ex HunAF as "027"	651027
0158	MiG-21UM	ex Hungary AF	01695158
907	MiG-21F-13	ex HunAF as "1907"	741907
1418	MiG-21U-400	ex Hungary AF	661418
1953	MiG-21bis-SAU	ex Hungary AF	75061953
8202	MiG-21MF	ex Hungary AF	968202
9311	MiG-21MF	ex Hungary AF	969311
07	MiG-23MF	ex HunAF	0390217166
20	MiG-23UB	ex Hungary AF	19015091
11	Su-22M3	ex Hungary AF	51611
078	Z-43	ex Hungary AF	0078
35371/01	Saab J35D	ex Swedish AF	35-371

Kisapostag-Airfield

HA-MHW An-2R **3 July 2020**
1G158-60

Preserved

Location: 46.895417° 18.921238°

683 MiG-15bis ex HunAF as "1952/1977"

After this visit in Kecel was the next stop the small airfield of Kisapostag on the list as they have a MiG-15 on a pole.

Next stop, the village of Agárd. Recently I discovered the current location of missing since 2011, Mi-2 registration HA-BGJ as parked up in a garden. Unfortunately, when I visited this location, the Mi-2 has left this location around 2018/2019. If you have any recent sightings of this Mi-2, please let Scramble magazine know where its current location is right now.

Börgönd 3 July 2020

Stored

Location: 47.136125° 18.493772°

34 Mi-1MU ex Hungary AF **W04034**

36 Mi-1M ex Hungary AF **W04036**

1032 Mi-1M ex Hungary AF **401032**

HA-MDR An-2R **1G185-46**

The next stop was also an interesting one, at the airfield of Börgönd should be in a brown hangar an An-2 stored and three Mi-1's. A few years ago when I visited the airfield I didn't know about this but I could remember where I could find this hangar. Whilst I was driving around the abandoned buildings, I passed this hangar and tried my luck. And yes! It



MiG-21bis-SAU 6115 is preserved at Dunavarsány within the Komo-Sky 51BÁZIS Museum. It retained the special painted scheme it received when it was operational with 31. HRE, hence the large yellow 31, which can be considered rude unit markings. (5 July 2020, Erwin Alexander)



This Mi-1, serialled 32, was delivered to the Hungarian armed forces in August 1962, and retired per 21dec82. After retirement it was preserved in the Pintér Múvek Haditechnikai Park at Kecel, last noted with with a serial in August 2000 and seen without serial from September 2001 onwards. (3 July 2020, Erwin Alexander)

was the correct hangar and inside I found the three Mi-1's and the An-2. Unfortunately, not all of the Mi-1's did wear any serials or markings and I've learned over the years that you can't trust the identity by a marking on the tail-boom of a heli that is stored. However, I could identify two of them easily by the manufacturer plates as their hatches were easily accessible. Although the last one had the hatch closed and only possible to open this with a screwdriver. So, back to the farmer who owns the hangar, asking for a screwdriver and permission to open the hatch. Lucky for me he was fine with this and finally its true identity has been revealed as this Mi-1 is not serial 19 but the 34. This one used to be stored for years in a garden in the north-west of Budapest!

Börgönd Airfield

3 July 2020

Location: 47.128843° 18.497433°
HA-ECM An-2R

1G201-10

Preserved

071 MiG-15bis ex Hungary AF **3071**

Gyulafirátót Shooting range

3 July 2020

Preserved

Location: 47.162797° 17.968783°

10429 Mi-8T ex Hungary AF **10429**
10437 Mi-8T ex Hungary AF **10437**

Well happy with these last catches I went straight to the next location the shooting range of the Hungarian Forces near Gyulafirátót. The road to the shooting range is on non shooting days easy accessible and from a distance you can make some reasonable photos of the two Mi-8's.

Veszprém

3 July 2020

Preserved

Location: 47.113191° 17.916791°

96+05 Mi-24D ex German Heer 110161

In Veszprém is a small museum where they have a former German Mi-24 on display, the tail of 96+25 is used in this case and the Hind is painted in Eat German NVA colours.

Kövesgyűrűpuszta

3 July 2020

Stored

Location: 47.029914° 17.795290°

487 Mi-24Dex NVA, tail boom only **110165**

96+24	Mi-24D	ex Heer, NVA mks	B4071
628	Mi-8T	ex Hungary AF	200628
10428	Mi-8T	ex Hungary AF	10428
10444	Mi-8T	ex Hungary AF	10444
406	MiG-21PF	ex Hungary AF	760406
2221	MiG-21F-13	ex Hungary AF	742221
2311	MiG-21F-13	ex Hungary AF	742311
HA-BCG	Mi-2	ex Hun. Flying Ambulance	
1x	Mi-24D	ex Heer	

In Kövesgyűrűpuszta is a compound from a military surplus dealer who has a nice collection of airframes. Unfortunately, as it was already late Friday afternoon, no one was at this location, so I had to make my shots from outside the fence. To make things more complicated, nearly all ex German Mi-24's what went to Hungary are now a mixed-up airframes. Cabin is serial A and the Tail-boom is serial B. As I couldn't check the c/n's at this location I'm now left behind with an unknown Mi-24 serial of the cabin what has the tail-boom of the 9627 (which is marked with the NVA serial 434), the cabin of the 9627 can be found in Szeged as seen the day before and checked with the tail-boom of the 9610.

Hip 628 and 10428, which were once operational with the Hungarian Air Force, were seen in a state one bet can describe as "part of the cabin only".

Zánka-Haditechnikai Park

3 July 2020

Preserved

Location: 46.881637° 17.709953°

96+32	Mi-24D	ex Heer, as HunAF "168"	
10435	Mi-8T	ex Hungary AF	10435
4405	MiG-21MF	ex Hungary AF	964405

The last stop for the day is the military museum in Zánka. The preserved airframes can easily be seen from the outside.

Pápa-MiG parking lane

4 July 2020

Stored

Location: 47.354194° 17.514832°

43	MiG-21bis-SAU	ex Hungary AF	75077754
53	MiG-21UM	ex Hungary AF	516999204
54	MiG-21UM	ex Hungary AF	516999299
1844	MiG-21bis-SAU	ex Hungary AF	75061844
1867	MiG-21bis-SAU	ex Hungary AF	75061867

1889	MiG-21bis-SAU	ex Hungary AF	75061889
1968	MiG-21bis-SAU	ex Hungary AF	75061968
2098	MiG-21bis-SAU	ex Hungary AF	75062098
2105	MiG-21bis-SAU	ex Hungary AF	75062105
4403	MiG-21MF	ex Hungary AF	964403
5540	MiG-21bis-SAU	ex Hungary AF	75035540
6253	MiG-21bis-SAU	ex Hungary AF	75046253
6327	MiG-21bis-SAU	ex Hungary AF	75046327
6384	MiG-21bis-SAU	ex Hungary AF	75046384
8201	MiG-21MF	ex Hungary AF	968201
8204	MiG-21MF	ex Hungary AF	968204
9125	MiG-21bis-SAU	ex Hungary AF	75049125
9178	MiG-21bis-SAU	ex Hungary AF	75049178
9507	MiG-21MF	ex Hungary AF	969507
9510	MiG-21MF	ex Hungary AF	969510
9515	MiG-21MF	ex Hungary AF	969515
02	Su-22M3	ex Hungary AF	52102
04	Su-22M3	ex Hungary AF	52304
10	Su-22M3	ex Hungary AF	51610
14	Su-22M3	ex Hungary AF	51814
15	Su-22M3	ex Hungary AF	51815

For many years high on my list to visit and today it's finally happening, the storage area full with MiG-21's & Su-22's next to Pápa Air Base. Be aware that this location is accessible through a private road. When you follow this road, you end up where some farms are located with many signs saying again, Private road and be aware of guard dogs. From here you can see already the large amount of MiG's and Sukhoi's. I tried to find someone around these farms to ask for permission to access the area however, no one was there and the gate with the unpaved road towards the storage area was open, so I tried my luck. When I arrived at the storage area, I met some people working on the aircraft and asked them for permission and lucky for me, they agreed. Apparently, all these airframes belong to the museum in Kecel and the people working on these aircraft told me that they are preparing them for transport to other locations. So, this location will be cleared!

Pápa Air Base 4 July 2020

Preserved

Location: 47.354194° 17.514832°

779	MiG-15UTI	ex HunAF as "1950"	612779
31	MiG-19PM	ex HunAF as "1975"	65211031
806	MiG-21F-13	ex HunAF as "1976"	741806
2021	MiG-21bis-SAU	ex Hungary AF	75062021
08	MiG-23MF	ex HunAF	0390217169

Very well satisfied with this great catch I drove to the main gate of Pápa air base, here you can find a few planes preserved. I didn't stop to make some proper photos at this location as I didn't wanted to get in trouble after seeing all the signs stating "No Photos". Although, all preserved airframes can easily be seen from the gate.

Pápa 4 July 2020

Location: 47.354194° 17.514832°

4605	MiG-21MF	ex HunAF	pres, 964605
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For my last stop in Pápa I drove to the roundabout near the Tesco supermarket where you can find a MiG-21 preserved.

Győr-Pér International Airport 4 July 2020

Location: 47.62769° 17.80669°

HA-MAV	An-2R		1G211-15
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Next stop on the list was Győr-Pér International Airport, the only interesting plane seen from the outside was an operational An-2.

Bóny 4 July 2020

Location: 47.62769° 17.80669°

HA-JAX/46	Yak-52	Soviet AF c/s & mks	9111411
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Stored or wfu

03	Yak-52	ex HunAF	std, 9411714
05	Yak-52	ex HunAF	std, 9411801
06	Yak-52	ex HunAF	std, 9411802
10	Yak-52	ex HunAF	std, 9411806

HA-YHC	An-2PF	Air Church wfu,	1G181-45
HA-JAD	Yak-18T	bare frame	std, 5200509

After this quick stop I drove to the other nearby private airfield called Bóny. Again, I announced myself again and had a good chat with the guard. The main problem was, in the past people came to this location to make some photos of the airframes and made advantage of their opportunity to do this. Therefore, the guard wouldn't let me in on the airfield without permission of the owners. Of course, his good right as his job is on the line. After a few phone calls made by the friendly guard, a long wait later, permission was granted to make a few photos. The An-2 has an interesting history, whilst being in service with Air Church, it was converted to throw ashes over the countryside of deceased people.

Tata 4 July 2020

Location: 47.665892° 18.317313°

10426	Mi-8T	ex Hungary AF	i/a, 10426
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Next stop Tata, an Mi-8 is here as an instructional, at the army barracks. Although several websites stating that this airframe has the tail-boom from the 10423 or 10425, I believe this Mi-8 got its own tail-boom.

Stored

Location: 47.680166° 18.310498°

95+03	Mi-14PL	ex Bundesmarine	B4003
95+04	Mi-14PL	ex Bundesmarine	B4004
9514	Mi-14BT	ex Bundesmarine	34014
9515	Mi-14BT	ex Bundesmarine	34015
8913	Mi-2	ex Hungary AF	518913104
49	MiG-21bis-SAU	as USAF 04-072/BW	
822	MiG-21F-13	ex Hungary AF	741822
08	Su-22UM3K	ex HunAF	17532390304
09	Su-22UM3K	ex HunAF	17532390305
S9-TAF	Mi-14BT	ex Aerotec	34011
S9-TAI	Mi-14BT	ex Aerotec	34013
S9-TAJ	Mi-14BT	ex Aerotec	34010

On the other side of town is a compound with what seems an military surplus dealer who owns several airframes. Mi-14 S9-TAG wasn't seen. But doesn't say it wasn't there.

Budapest University 4 July 2020

Location: 47.494512° 19.110986°

4404	MiG-21MF	ex HunAF	pres, 964404
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As I visited most of the locations in the Budapest area in the past, I could skip the most of those. On the premises of the Faculty of Military Science and Military Training of the National Civil Service University is a MiG-21 preserved.

Budapest-Counter Terrorism Centre 4 July 2020

Location: 47.497701° 19.115643°

7811	Mi-2	ex HunAF	std, 517811092
9408	Mi-2	ex HunAF	std, 519408095
10030	Mi-2	ex HunAF	std, 5110030116
HA-BGK	Mi-2		std, 518915104
HA-BGM	Mi-2		std, 519414095

Last stop for the day was a peak over the fence by standing on telephone poles at the storage area of the Counter Terrorism Centre, where several Mi-2s can be found.

Táborfalva 5 July 2020

Location: 47.082710° 19.451992°

10442	Mi-8T	ex Hungary AF	i/a, 10442
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Today I had only the morning as I wanted to be back in Budapest to watch the first Formula 1 race of this season. As I planned my trip in advance already, I calculated this in already in a last minute change just before my trip to Hungary. So, this morning I decided to make some visits at the southern part in the countryside of Budapest. The first stop is a Mi-8 what is in use as i/a at some army barracks in Táborfalva.

Location: 47.076031° 19.440006°

711	MiG-15bis	ex HunAF	pres, 31530711
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Just a little bit further where the road ends is a MiG-15 preserved.

Dömsöd 3 July 2020

Location: 47.081908° 19.016747°

HA-MRQ Ka-26 preserved 7001510

In the village of Dömsöd a very friendly guy has a Ka-26 in his garden and let me take a photo of it.

Location: 47.083609° 19.007484°

HA-MPU Ka-26 preserved 7806318

Whilst I was having a conversation with the owner of this Kamov he told me that his best friend also has a Ka-26 in his garden and offered me to drive in front of me to his friend's house. Always nice to find a new W&R location.

Dunavarsány-Komo-Sky 51BÁZIS Museum 5 July 2020

Location: 47.292330° 19.029504°

34001212099	Mi-26	pres., ex Belarus AF
0220	Aero S106	pres., ex Czechoslovak AF
96+02	Mi-24D	ex German AF pres, 110157
96+25	Mi-24D	ex Heer (fus only) std, B4072
8344	Mi-2	ex HunAF std, 518344093
036	Mi-8T	pres., ex HunAF 201036
046	SB Lim-1	pres., ex HunAF 1A-07046
17	MiG-21UM	pres., ex HunAF 516999202
096	MiG-21UM	pres., ex HunAF 516955096
808	MiG-21F-13	ex HunAF std, 741808
905	MiG-21UM	pres., ex HunAF 516999505
4409	MiG-21MF	pres., ex HunAF 964409
6007	MiG-21bis-SAU	pres., ex HunAF 75036007
6115	MiG-21bis-SAU	pres., ex HunAF 75036115
8114	MiG-21MF	pres., ex HunAF 968114
02	MiG-23MF	pres., ex HunAF 0390217153
03	MiG-23MF	pres., ex HunAF 0390217154
7961004/20rd	Yak-28R	pres., ex Soviet AF 7961004
HA-ABS	An-2TP	pres, 1G76-15
HA-BCJ	Mi-2	pres, 562818043
HA-MCM	Ka-26	std, 7202904
HA-MFJ	Z-37A	pres, 13-10
HA-MPN	Ka-26	std, 7806312
HA-SBA	PZL-101A	std, 107199
HA-SEJ	PZL-104-35A	std, 18840772

Apparently, another friend of these two Ka-26s owners has also another Ka-26 in his garden in the village of Ráckeve. For some reason, and I really don't know why, I didn't ask further about its location and registration. So hopefully time will tell when this one shows up. Anyway, I was happy with my new W&R find I drove off to my next stop, the museum in Dunavarsány called "Komo-Sky 51BÁZIS".

From the Belarus Mi-26 only the cockpit is on site. the former Czechoslovak Air Force Aero S106 is painted in Hungarian colours. MiG-21 808 was seen dismantled. And last but

not least, of the Yak-28 only the forward fuselage was seen preserved.

Budapest Airport 6 July 2020

Today it was time for my trip back home and bring my little rental car back. On the way to the airport I could see between the hangars the already long time Wfu L-410 at the airport.

Location: 47.432065° 19.234659°

HA-YFD L-410UVP-E Budapest Aircraft Service

The Let 410 of Budapest Aircraft Service is withdrawn from use.

After this quick round I was back on time to watch the Formula 1 race of Austria and spend the rest of the day in Budapest.

Budapest-Budapest Aero Park 6 July 2020

Preserved

Location: 47.423582° 19.262452°

147001821	Il-14T	ex Soviet AF as Malév "HA-MAL"
HA-BCB	Mi-2	516302099
HA-LAF	L410UVP-E	902518
HA-LBE	Tu-134	ex Malév 9350802
HA-LCG	Tu-154B	ex Malév 75A127
HA-LIQ	Li-2T	ex Malév 23441206
HA-LRA	Yak-40	ex Linair Regional 9440837
HA-MDK	An-2R	as Malev Aero Club "HA-YHF"
HA-MHI	An-2M	701647
HA-MOA	Il-18V	ex Malév 180001903
HA-MOG	Il-18V	ex Malév 184007103
HA-YLR	Yak-40E	ex Linair Regional 9541044

After handing over the rental car I could see from the shuttle-bus all preserved airframes at the Budapest Aero Park Aviation museum, which is located at the Ferenc Liszt airport. As I already visited this museum a few years ago I didn't stop here this time.

Budapest-Ferenc Liszt Airport 6 July 2020

Location: 47.438929° 19.254566°

P4-RMB B737-291 ex Air Kazakhstan i/a, 20364

During taxiing to the runway you can have also a view on the B737, which is in use as instructional at the airport fire brigade.

HA-LHB B767-27GER ex Malév dump, 27049

On take-off I could also finally see the derelict B767 that is parked between the runways behind the trees.

Well satisfied with all my catches this trip, I left Hungary.

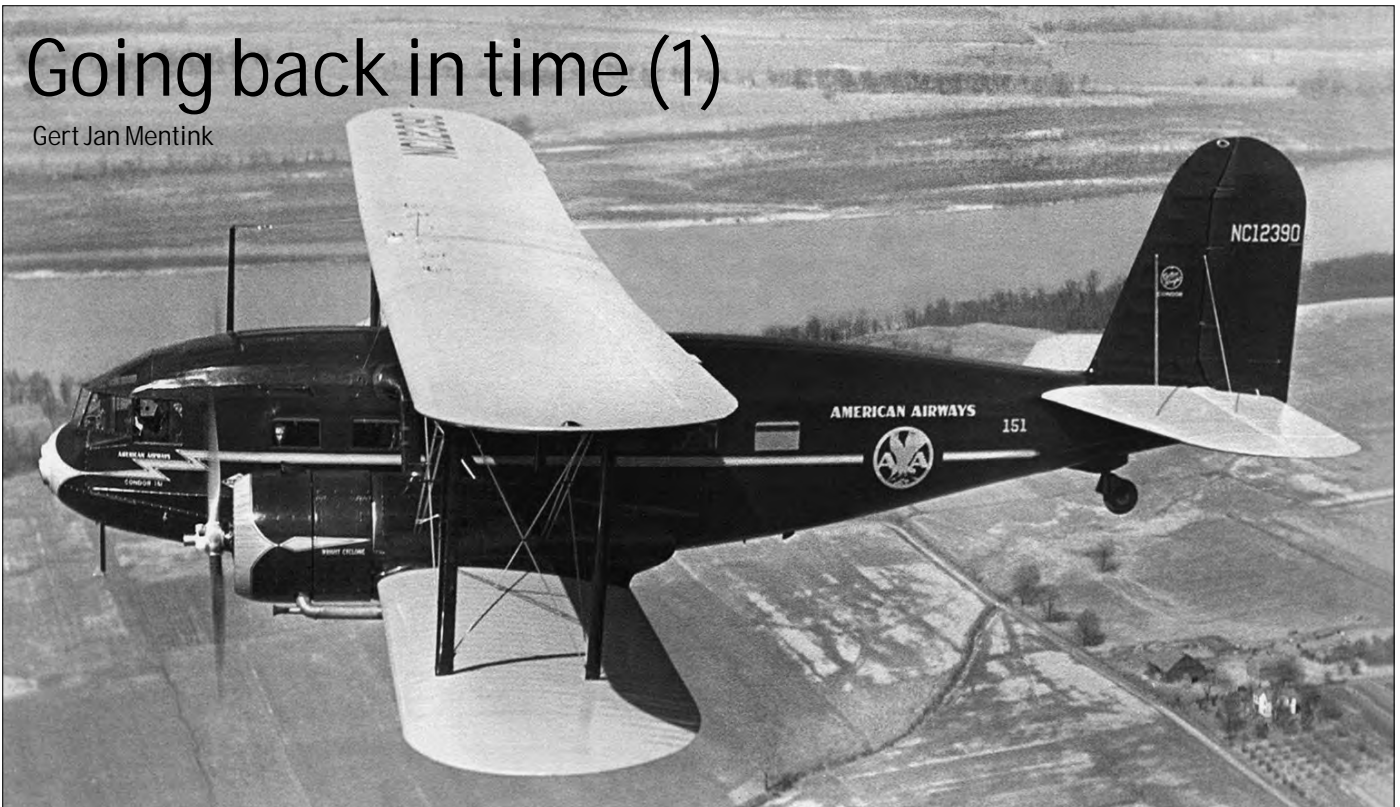
Credit: Erwin Alexander



Also at the new location of the Szolnok museum is this MiG-21bis-SAU 1904 preserved. A crude shark theme is applied onto this aircraft. It once belonged just like the Hungarian flag themed MiG-21 to 31. HRE (1 July 2020, Erwin Alexander)

Going back in time (1)

Gert Jan Mentink



When introduced in 1933, the Curtiss Condor II airliner was already outdated, as the days of the biplanes were over!

Introduction

The COVID-19 pandemic has drastically changed aviation as we knew it. Airlines all across the globe experience difficult times, and several are only able to survive thanks to enormous financial support from their governments. For others, already in bad financial situation before the COVID-19 pandemic, had to cease operations. Thousands of people working in aviation have lost their jobs. We as aviation enthusiasts have also seen the effect of the pandemic on our hobby: initially airliner flights dropped with almost 90% (although somewhat compensated by the rarity of airlines used in ad-hoc cargo transport), military exercises and airshows were cancelled. One of the effects of it all was “going back in time”. Our fraternity looked back and tried to complete logs, or made an attempt to scan their old slides. Nostalgia kept us going and we, as Scramble, cannot fall behind. In a series of three articles we will take you back in time, starting with the Interbellum, the period between the Great War (WW I) and WW II.

Curtiss AT-32 Condor II

When the prototype of the Curtiss AT-32 Condor II made its first flight on 30 January 1933, it was, as a biplane, already outdated. Both Fokker and Ford had built considerable numbers of their 3 – engined monoplanes while Boeing was working on a design for the future, the Boeing 247. But despite its lack of speed, the volume of the Condor IIs cabin attracted customers. American Airways and Eastern Air Transport ordered the type and used it on their night sleeper routes. The cabin arrangement of these aircraft consisted of twelve beds. In

total thirty civil Condor IIs were produced, one of which was delivered to Swissair. Thirteen aircraft of military variants were built as the R4C-1 transport for the US Navy, the BT-32 bomber, and the CT-32 transport, both for export. On the photo American Airways (later renamed American Airlines) Condor II NC12390 (42). It later went to the General Aircraft Salvage Co. and then to the Robertson Aircraft Corp and Intercontinent Corp. as NX12390. In 1939 Intercontinent sold the Condor II to CAMCO in Burma as XY-AAI (also reported as XY-AAF) (photo Mark Nankivil collection)

Dornier Wal

Designed by Dornier shortly after the end of WW I, the type “J” or “Wal” (German for Whale) made its first flight on 6 November 1922. Approximately 300 of these flying boats were built, most of these by Dornier, but others were built under licence by Aviolanda (Netherlands), CMAA and Piaggio (Italy), CASA (Spain), and Kawasaki (Japan). The Wal had a (for its days) remarkable all metal construction with large sponsons on both sides of the hull for improved stability at sea. The Wal



German pioneer aviator Wolfgang von Gronau and his crew stand in front of their “Wal” flying boat during a stop-over at Surabaya, Netherlands East Indies in October 1932 (collection author)

was powered by two engines placed in tandem on top of the wing, one with a tractor and the second with a pusher propeller. Depending on its manufacturer and the demands of their users, a great variety of engines were used. The Dutch Wals were obtained by the Marine Luchtvaart Dienst (Dutch Naval Aviation) for use in the Netherlands East Indies. One of the bases of Dutch naval aviation was Surabaya, where this photo was taken. It depicts Dornier Wal D-2053 "Grönland Wal" (Greenland Whale) It was flown by German Wolfgang von Gronau during a round-the-world flight. On this trip von Gronau and his machine found a shelter in one of the hangars of Surabaya from 5 to 7 October 1932.

Douglas Sleeper Transport



American Airlines NC28325 (02263) depicted here, is a pre-war sleeper version of the DC-3, designated Douglas Sleeper Transport or DST-217C. AA called these DSTs "Flagship Skysleeper" while this NC28325 also carries another, individual, name "Flagship San Francisco" on the nose. It was later renamed "Flagship Monterrey". During WW II the USAAF commissioned this aircraft and it (temporarily) became a C-49E with serial 42-43622. After the end of the war, it returned to civilian life, this time as N28325 but was soon reregistered and flown as TWA N15583. From 1970 until 1979 the Douglas flew for Air Libya on behalf of the Ageco Oil Co. in Benghazi. It had for this purpose been reregistered as N272L and had received a new CoA as a DC-3A. (photo Mark Nankivil collection)

Fokker F.10

The experience that Anthony Fokker had gathered in Europe in the production of airliners during the Twenties made him confident that he could conquer the American market too. And so he decided to cross the Atlantic and start a new production line in the Atlantic Aircraft Corporation in Teterboro. To distinguish the American built Fokkers from the Dutch ones, Fokker decided that these were to have Arabic instead of

Roman numerals for their type designations. The F.10 was one of the Fokker transport airplanes that was built only in the United States. Other U.S. Fokker types were the Universal and Super Universal, the F.32 and the F.14. The Fokker F.10 was in fact a modernized version of the "European" F.VII/3m trimotor. The F.10 was powerful enough with its three Pratt & Whitney Wasp engines of 420 hp. It could maintain altitude with only one, and could climb to 7,000 feet on two engines. The F.10 was a modern type for its days: it had wheel brakes, a lavatory, a lighted instrument panel, and "full cabin-length windows" that could be opened in flight to let in the fresh air. Western Air Express was launching customer with initially five machines. Fokker built 65 of these early 'airliners'

of which 58 were F.10As, an improved version. These F.10As were sold to Pan American Airways, American Airways, and Universal Airlines. Initially the Fokker was considered to be as good as the Ford Tri-Motor, which was its main rival in the airliner market. But the crash of a Transcontinental & Western Air F.10 in 1931 changed it all. In this crash the notorious base-ball coach Knute Rockne lost his life. After investigators had found that the crash had been caused by the deterioration of the wooden wing spar, the type was temporarily grounded. As a result it was required to undergo more frequent and rigorous inspection. Its public image was also greatly damaged, leading to its early retirement from U.S. airlines. Many of these decided to switch to the all-metal Ford Trimotor.



On the photo is Fokker F.10A NC489E in the colours of American Airways. (Mark Nankivil collection)



Fokker F.XVIII

The F.XVIII trimotor (above) was introduced by KLM in 1932, replacing the previously flown F.XII. The new airliners of which KLM bought five examples were more streamlined and equipped with more powerful engines than the F.XII. The F.XVIII was mainly used on routes to the Netherlands East Indies, and in the West Indies. But the pictured machine PH-AIP "Pelikaan" gained its fame as it saved the reputation of KLM as a reliable airline. Shortly before Christmas 1933 KLM CEO Albert Plesman had decided to send the brandnew (and beautiful) Fokker F.XX PH-AIZ "Zilvermeeuw" to the East Indies. Plesman saw it as a publicity stunt to demonstrate the feasibility of taking mail on an ordinary passenger flight. But two of PH-AIZ's engines failed on departure and its mail was soon loaded in F.XVIII PH-AIP. And despite the adverse weather conditions on route the "Pelikaan" and its crew safely delivered the mail and saved KLM's reputation! It arrived at Tjilitan airfield near Batavia, the capital on 22 December 1933. The flight led to a form of national madness: returning to Amsterdam Schiphol airport, the "Pelikaan" was welcomed by more than 20 thousand fans. But famous as it was, its final fate was unworthy. It was sold to SFTA in France in 1936 and passed on to the Republicans in the Spanish Civil War. The once so proud F.XVIII was destroyed by bombing on 7 February 1939. (Surabaya airfield, collection author)

Ford Trimotor

Originally designed by the Stout company, their design for a three engine airliner was soon taken over by the Ford Motor Company. The type, soon known as the Ford Tri Motor, com-

bined the high-wing three-engined design of Fokker airliners with the all-metal corrugated aluminium exterior as introduced by Junkers in the Twenties. The all-metal construction gave the Tri Motor its nick name: "Tin Goose". Next to the types advantages, the publicity skills of the Ford Motor Company boosted its sales. The prototype Ford 4-AT made its first flight on 11 June 1926 and in the seven years that followed 198 machines of the type, and the later 5-AT version would be built. These were sold all over the world. The aircraft on the picture is Ford 4-AT-B N7584 (4-AT-38) which was built for the Robertson Aircraft Corporation, St Louis, in 1928. It was delivered in September 1928. Next owners were Universal Aviation Corporation, American Airways, Air Service of Pittsburgh and Air Tours. In 1936 N7584 went to Island Airlines, to fly twice-daily passenger services from Port Clinton to the Lake Erie Islands. The airline eventually operated four Tri-motors, each of which could transport 10 passengers. Island Airlines ceased operations in 1985. The aircraft was then acquired by the late Al Chaney who sold N7584 to Kermit Weeks of Phantasy of Flight, Polk City (FL) in October 1991. It was badly damaged in Homestead (FL) by hurricane Andrew on 24 August 1992. As far as we know N7584 is still on a (very) long term restoration in Vicksburg, (MI). (collection Mark Nankivil)

Junkers G31

What, at first glance, looks like a Junkers Ju-52 with its engine nacelles removed, is actually one of its predecessors, a Junkers G31. This in itself was a larger and heavier version of the G24. The production G31 was powered by three radial



By their looks, Ford Tri-Motors strongly resembled the contemporary Fokkers airliners, but their construction was much more modern.



Deutsche Lufthansa Junkers G31 D-1427 at Amsterdam Schiphol in front of the airport building. (collection author)

engines, either Siemens built Jupiters or BMW licence built P&W Hornets. It was flown by a three man crew and could accommodate fifteen passengers. Thirteen G31s were built, nine for Deutsche Lufthansa, one for Österreichische Luftverkehr, and three for companies in New Guinea. The aircraft on the photo is D-1427 "Deutschland" (3004) which was delivered to DLH in July 1928. Two months later, this aircraft was on display during the 1928 ILA show. Unfortunately DLH was not able to enjoy their D-1427 for long: it crashed near Arnsberg on 25 September of that same year. D-1427 is pictured here on the apron of pre-war Municipal Airport Amsterdam Schiphol. A replica of this airport building can nowadays be found in the Aviodrome museum at Lelystad airport.

Lockheed 10A Electra

Pictured below is Electra NC17375 (1096) which was delivered factory fresh to a small US company called Hanford Airlines. From August 1938 this airline was renamed into Mid-Continent Airlines. When the war broke out the plane was requisitioned by the military as a C-36A with serial 42-38341. Together with fourteen other former civil model 10As these were redesignated UC-36A-LOs in the utility transport category in January 1943. Early in 1944 42-38341 was returned to Mid-Continent Airlines. MCA was absorbed by Braniff Airways in August of 1952. This Electra was sold in 1949 to Essair, a forerunner of Pioneer Airlines, a Texas intra-state carrier. It later went on to serve with Wisconsin Central Airlines. The Lockheed 10A was powered by two 450 hp Pratt &

Whitney R-985-13 engines. (Mark Nankivil collection)

Sikorsky S-29-A

A rather unknown Sikorsky design was this S-29-A, of which only one was built, NC2756. The S-29-A was a twin-engine sesquiplane, a biplane having one wing of less than half the area of the other (upper) wing. It was the first aircraft that aviation pioneer Igor Sikorsky designed and built after coming to the United States, hence the special «-A» suffix signifying «America». The aircraft was of so-called mixed construction: the fuselage was manufactured from steeltubing with the two bay wire braced strutted wings made from wood and fabric. The pilot and mechanic sat in an open cockpit half way between the main wings and the tail, while up to fourteen passengers were accommodated forward within the streamlined fuselage. The machine featured a twin vertical stabilizer design and was originally fitted with a pair of Hispano-Suiza 8 engines rated at 220 hp each. By the end of 1923 Sikorsky ran out of money and his project almost failed. A fellow Russian, famous composer Sergei Rachmaninoff lend Sikorsky a helping hand: he donated \$5,000 to complete the S-29-A. The first flight, piloted by Sikorsky, was on 4 May 1924 and resulted in a forced landing on a golf course, seriously damaging the aircraft. With its Hispano-Suiza 8 engines the S-29-A was considered underpowered and so, after rebuilding the aircraft, two 400 hp Liberty L-12 engines were installed. The second flight on 25 September was very successful. Flight testing revealed the S-29-A was able to maintain altitude





In our days some airliners are used as flying billboards, but this is not exactly new, as shown by this 1927 Sikorsky S-29-A biplane.

on one engine at a speed of 75 mph. After its first flight in 1924, many successful long range flights followed, most of which were piloted by Sikorsky himself. The S-29-A claims a number of «firsts» in aviation including the first twin engine aircraft capable of maintaining altitude on one engine, the first aircraft to broadcast a radio musical program in-flight (1925) and the first aircraft to display a motion picture in flight (1926). The S-29-A was also one of the first aircraft to make use of an airstair door, located on the starboard side of the fuselage. On 8 May 1925 the S-29-A started a regular passenger service between New York and Yorktown (VA) And although over 300 successful flights were made, Sikorsky was not able to attract airline customers for the S-29-A. Eventually Sikorsky sold the aircraft to Roscoe Turner in 1927 who used it in merchandising Curlee Clothing and as a flying cigar store. Turner sold the aircraft to the Caddo Company, Inc. of Hollywood (CA) in 1928. The President of Caddo, Howard Hughes intended to use it in the making of the movie Hell's Angels. The S-29-A was painted and modified to resemble a German WW I Gotha heavy bomber. During filming of a dangerous diving spinning stunt on 22 March 1929 at Pacoima (CA) the linen of the left wing began tearing and parts of the left engine cowling separated. The pilot bailed out, the S-29-A crashed and was damaged beyond repair. (Mark Nankivil collection)

Vultee V-1

The prototype of the V-1 made its first flight on 19 February 1933. It was an all-metal low-wing cantilever monoplane with a retractable tailwheel landing gear. The V-1, designed by Gerard Vultee had accommodation for a pilot and six passengers. It was built by the Airplane Development Corporation.



Vultee V-1A NC13769 was one of the fourteen machines of the type that were used by American Airlines (Mark Nankivil collection)

The production aircraft were designated the V-1A and had a slightly larger and longer fuselage for two pilots and eight passengers. Production ended in 1936 after 24 aircraft plus the prototype had been built. American Airlines bought at least thirteen V-1As and the V-1 prototype (after it had been modified for two pilot operation) and they entered service in 1934. The machine on photo is one of these, NC13769. On introduction, they were the fastest commercial airliners of their days. The V-1As were used on routes from the Great Lakes to Texas. Bowen Airlines of Texas also operated the type. By 1936, they were replaced with twin-engined aircraft. Sold through France, seven former American Airlines aircraft, plus eight others ended up in Spain. There they were used by the Republicans in the Spanish Civil War, with machine guns and under-fuselage bomb racks fitted. Four of the aircraft were captured by the Nationalists during their delivery to Spain.

One example of a floatplane version was built, designated V-1AS. Fitted with twin floats and extra fuel tanks, the sole V-1AS Special was sold to the Soviet Union and used for a 10,000 mile Santa Monica to Moscow flight. It was sold to the USSR along with a manufacturing license but no production ensued in the USSR. The V-1AD (for Deluxe) was an executive transport version to be used by private companies or individuals as high-speed "VIP" aircraft. Only one V-1AD Special was built and used pre-war by newspaper magnate Randolph Hearst. It later served airlines in Panama and Nicaragua before returning to the United States post-war. The V-1A was powered by one 735 hp (548 kW) Wright Cyclone R-1820-F2 radial engine, while the other versions had the R1820-G2 with 850 to 1000 hp.

Long live the Queen! (part 1)

Anton Homma



On 9 February 1969 one of the world's most iconic aircraft took to the skies for the very first time. Boeing 747 N7470 had a very successful first flight, apart from some small flaps issues. The prototype is currently preserved at the Museum of Flight in Seattle (WA). (Photo courtesy of Boeing Aircraft Company).

Fifty-one years ago, on 9 February 1969 the Boeing 747 took to the skies for the very first time. Since then more than 1,500 B747s have been built. As the pandemic of COVID-19 travels over the world, most airlines have decided to accelerate the retirement of their Jumbojets. So, time to honour the Queen in Scramble, complete with an extensive overview of this iconic plane in the history of aviation.

Birth of a Queen

In 1963 the US Air Force started a study for a new large transport aircraft, which would supplement the C-141 Starlifter. The programme was called the CX-Heavy Logistics System, or CX-HLS, and would later become the C-5. The requirements for the CX-HLS were that the aircraft had a load capacity of up to 81,600 kg, a speed of 800 km/h, a payload of 52,500 kg and a range of 9,300 km. The cargo area had to be 30 m long, 4,11 m high and 5,18 m wide, with access at the front and rear of the aircraft. Another requirement was that the CX-HLS was only allowed to have four engines. This last item meant that engine manufacturers would need to design new engines with more power and much better fuel economy.

In 1964 the USAF received designs from Boeing, Douglas, General Dynamics, Lockheed and Martin Marietta. Engine designs were submitted by Curtiss-Wright, General Electric and Pratt & Whitney. After a first selection, General Electric and Pratt & Whitney were given a contract to conduct more research for the engines, while Boeing, Douglas and Lockheed also received contracts to perform follow-up studies for their designs.

All three aircraft designs had the location of the cockpit, above the cargo area, in common, as well as high mounted wings. Eventually the USAF selected Lockheed and General Electric to build the C-5 Galaxy. However, the results Boeing gained in the studies for the CX-HLS would later be used in the design and development of the B747.

At the same time the USAF was seeking larger transport planes, commercial aviation was ever increasing. The introduction of jetliners like the Boeing 707 and Douglas DC-8 made passenger transport over long distances much more affordable, resulting in an increase in passenger numbers and congested airports. Juan Trippe, the president of Pan Am and one of the biggest airlines in the world, asked Boeing to design a passenger aircraft which would be able to carry twice the number of passengers as the B707.

And so Boeing decided to start a new programme, dubbed the B747. The development would be led by Joe Sutter, who did a very successful job with developing the B737. Together with Pan Am and other airlines, Sutter conducted a study for the requirements for such a large airplane. It was also thought that the lifespan of the B747 would be limited as supersonic transport planes would become the norm in a few years, making slower aircraft obsolete. To minimize the risk of a lost investment, Boeing decided that the B747 would also need to be able to carry freight and so could attract new customers if sales of the passenger variants dried up. It was to this decision that Boeing decided to design an aircraft with a fuselage size the same as the CX-HLS as containerized cargo were the new norm and Boeing wanted the B747 able to carry two-wide, two-high stacks of containers for two or three rows deep.

Despite that the design was far from frozen, Pan Am went on to order 25 B747-100s in April 1966, for a mere \$21 million apiece. During the design phase, the manufacturer used lots of lessons learned from the CX-HLS-project. The first design of the B747 was a full length double-decker aircraft, with the upper deck seating seven passengers across with two aisles and the lower deck seating eight passengers across, also with two aisles. This design, however, had some flaws, which were mainly around not being able to evacuate the plane in a timely manner and limited cargo capabilities.

To create more space for cargo, Boeing decided, just like they learned with the CX-HLS-project, to move the cockpit to a short upper deck, creating the possibility to include a cargo-door in the nose of the plane. The plane also got a wider fuselage and, thanks to the move of the cockpit, the B747's very iconic hump. Boeing and the airlines helping with the design did not, however, know what to do with the space on the upper deck and this was therefore first designated as a lounge area.

Engine-wise Boeing teamed-up with Pratt & Whitney in 1966, which was working on a new high-bypass turbofan engine, which they first studied for the CX-HLS-project. This new engine was designated JT9D by Pratt & Whitney.

Pan Am and Boeing agreed on a delivery of the first B747 at the end of 1969, leaving Boeing a mere 28 months to design, build and test the aircraft. Another challenge was building a new plant to build this enormous aircraft. The plane manufacturer reviewed 50 possible locations, but finally settled 30

miles north of Seattle (WA) at Paine Field. This large new production facility, is until today, the largest building by volume ever built and expanded in the years to accommodate other production lines of Boeing-products.

With the development of the B747, Boeing really bet their future and survival on the project and was forced to take on massive loans from banks to keep the development going.

There she is

On 30 September 1968 the first B747 was rolled out of the factory. In the meantime 26 airlines had ordered the aircraft and representatives of all the airlines were present at the ceremony. After the roll-out the plane was prepared for her first flight and on 9 February 1969 she took to the skies for the very first time. With the exception of a small flap-issue, the first flight was successful. During the flight test phase some issues occurred; there were issues with the JT9D-engines, resulting in stalling engines. Also, during flutter testing it was discovered that under certain conditions the wings suffered from oscillation. The engine issues were not easily fixed, resulting in a delay in the delivery of planes, with a backlog of twenty B747s awaiting installation of the engines. Another challenge was that one of the five B747-test planes was damaged during landing at Renton (WA), resulting in shearing off the outer right landing gear and some damage to two engines. Eventually, in December 1969, flight testing was concluded and the plane received its airworthiness certificate from the FAA. In the same month the first four planes were delivered to Pan Am.

On 15 January 1970 Pan Am held a ceremony at Washington-Dulles (DC) at which First Lady Pat Nixon christened the aircraft. Seven days later the Boeing 747 entered commercial service, flying from New York-JFK (NY) to London-Heathrow. Originally this flight was scheduled to leave the day before, but an engine issue prevented that, resulting in Pan Am switching the aircraft and delaying the flight with six hours.

Boeing 747-100

The B747-100 was the original variant, launched in 1966. The first years the plane was delivered with three windows on each side of the upper deck, but when airlines started using this space for premium seating, this was changed into ten

windows per side. It was also possible to retrofit the upper deck with more windows. The B747-100 used four Pratt & Whitney JT9D-3A engines and was able to fly up to 8,560 km. Boeing did not offer a cargo-version of the -100, but many were later in the careers converted into freighters. Boeing built 168 B747-100s.

Boeing 747-100SR

In the early seventies Japan Airlines asked Boeing about a variant of the Boeing 747, that would be able to serve as a high capacity domestic shuttle aircraft. As a response the Boeing 747-100SR (for Short Range) variant was developed. It was essentially a Boeing 747-100, but with less fuel capacity and increased payload capabilities by strengthening the structure of the plane. The aircraft would also use a different version of the JT9D, the -7A. It was now also possible to order the Jumbo with General Electric CF6-45 engines. Thanks to these changes the B747-100SR would be able to fly up to 52,000 flights in twenty years, whilst a regular B747-100 would be able to fly 24,600 flights in 20 years. JAL ordered four B747-100SRs in October 1972. The first -100SR was rolled-out on 3 August 1973, with the first flight following 28 days later. Delivery of the first -100SR was on 26 September 1973. A total of seven B747-100SRs were built, all delivered to JAL.

Boeing 747-100BSR

After the -100SR, Boeing developed the B747-100BSR, a -100SR, but now with increased maximum take-off weight (MTOW). The same structural strengthening was done on the airframe and the variant used the same engines as the -100SR. The first -100BSR flew on 3 November 1978 and All Nippon Airways was the first customer to welcome the plane in its fleet on 21 December 1978. In total of twenty B747-100BSRs were built, all for ANA and JAL.

In 1986 two B747-100BSR SUDs were built, SUD meaning Stretch Upper Deck, featuring the same length of upper deck as on the B747-300. This variant flew for the first time on 26 February 1986. Boeing also offered the SUD-option as a retrofit for other B747-100-operators, but not one -100 had the surgery done.

Boeing 747-100B

Boeing went on and develop the -100B, featuring the air-



KLM was a loyal Jumbo-customer and flew with 38 B747s over the years. It all started with PH-BUA, seen here on the day of arrival at Schiphol on 31 January 1971. The aircraft went flying for America West Airlines in 1989 and was later broken-up at Kingman (AZ) in 1996. (Schiphol, 31 January 1971, KLM)



Georgian carrier The Cargo Airlines is flying with this B747-236BF 4L-GEO since 2016. It's life originally started in 1987 when it was delivered to British Airways as G-BDXM on 25 February. (Minsk, 24 March 2019, André Alders)

frame strengthening from the SR, but now with increased fuel capacity, increasing the range to 9,300 km. Iran Air was the first customer of this version and placed an order for one plane on 1 June 1978. A year later, on 20 June 1979, the first flight took place and delivery was on 2 August 1979. This variant also got a third engine option in the form of the Rolls-Royce RB211-524. A total of nine B747-100Bs were built, one for Iran Air and eight for Saudia Arabian Airlines.

Boeing 747SP

The Boeing 747SP was developed by Boeing after a request from both Pan Am and Iran Air, which wanted an airliner with high capacity to operate the route New York-JFK-Tehran non-stop. SP stands for Special Performance, but at first the plane was dubbed SB for Short Body. The SP was designed for two markets; competing with the smaller widebody-aircraft like the DC-10 and L-1011 TriStar, but maintaining commonality with the B747, so that airlines could fit it in their fleets easily. The second market was for the capability to fly extra-long routes, which were becoming in fashion in the early seventies.

The SP is almost 15 m shorter than the regular B747-100. It has fuselage sections removed just before and after the wing. Other notable changes was the larger horizontal stabilizer. The engine choice was between the Pratt & Whitney JT9D-7A/F/J/FW or Rolls-Royce RB211-524. Thanks to these changes the B747SP was able to fly up to 12,325 km. The first flight of the SP was on 4 July 1975, with the first delivery on 5 March 1976 to Pan Am.

The B747SP was built between 1975 and 1982 with a total of 44 aircraft produced. In 1987 Boeing re-opened the production line to produce one last B747SP, making this the 45th B747SP. This at the request of the United Arab Emirates government.

Boeing 747-200

After the introduction of the B747-100, airlines were quickly interested in a version that had longer range and could be able to carry more payload than the -100. These wishes resulted in the -200-series, which featured more powerful engines, an increased MTOW and an increased range. The very first -200s had the same three window-configuration at the upper deck, but later all customers ordered the ten window-option. The B747-200 was built in a passenger-version (-200B), a freighter (-200F), a convertible (-200C) and as a combi (-200M).

The -200B was the passenger-variant and started flying commercially in February 1971. With its more powerful engines

and increased capabilities the plane was able to fly up to 12,150 km. At first only Pratt's JT9D-7 engines were available, later engines from GE (the CF6-50 series) and Rolls-Royce (the RB211-524B) were also offered. The -200 also has an internally stretched upper deck, increasing the seating capacity. The -200F was fitted with a nose cargo door and could be fitted with an optional side cargo door. The first freighter was delivered to Lufthansa Cargo in 1972.

Boeing also developed a convertible, the -200C. This version had the nose loading cargo door and could also be delivered with a side cargo door and changed in one night from an passenger airliner into a full freighter.

As some airlines saw the appeal of hauling both passenger and cargo at the same time, the combi (-200M) was developed. This variant didn't had the nose cargo door, but did feature a side cargo door and a movable partition on the main deck to separate passengers from the cargo.

Just like with the -100, Boeing offered a SUD-version of the -200. Only two customers, KLM and UTA, decided to retrofit their B747-200s into the SUD-variant.

In total 393 B747-200s were built; 225 B747-200Bs, 73 B747-200Fs, thirteen B747-200Cs, 78 B747-200Ms and four special military versions, the E-4A and B.

Boeing 747-300

The last developed "Classic"-variant is the B747-300. This version features a standard enlarged upper deck, with a straight staircase to the upper deck instead of the spiral version, which created more space for seating. Some tweaking was also done to the aerodynamics of the aircraft, resulting in a slightly higher cruise speed. The -300 was able to fly up to 11,720 km. It could be ordered with the same Pratt and Rolls-engines as on the -200, but had an option for newer GE-engines, the CF6-80C2B1.

Swissair was the first airline to order this latest variant and signed the contract with Boeing on 11 June 1980. On 5 October 1982 the first -300 took to the skies and on 23 March 1983 Swissair took delivery of the first aircraft.

Beside the passenger-version, the -300 was also built as a combi (-300M) and as a Short Range-version (-300SR). The -300M was the same as the -200M, but with more seating capacity thanks to the longer upper deck. The SR was developed, just like with the -100SR, for the Japanese domestic market.

In total 81 B747-300s were built, 56 -300s, 21 -300Ms and four -300SRs. Just two years after the first delivery of the B747-

300, Boeing introduced the Boeing 747-400, which was much more advanced.

Special developed Classic variants

In the years some of the Classics were (re)built for special purposes:

E-4B: This variant was developed for the USAF for use as an airborne command center. A total of four E-4s were built.

Shuttle Carrier Aircraft: The NASA acquired a -100 and a -100SR which it reconfigured into a Space Shuttle carrier.

SOFIA: In a joint-venture the NASA and DLR converted a SP into a large flying infrared telescope.

Supertanker: Evergreen converted a -200 into an aerial fire-fighter aircraft.

VC-25A: Probably the most famous B747s in the world are the two B747-200Bs the USAF has in use for presidential transport.

Undeveloped Classic variants

Of course, Boeing also had some suggestions for B747-versions that never saw the daylight:

KC-33A: A proposed tanker version of the B747-200, when the USAF looked for a large tanker.

B747CMCA: Boeing proposed a Cruise Missile Carrier Aircraft during the time of the B-1 bomber-competition. It would be able to carry up to 100 cruise missiles on rotary launchers.

B747AAC: The manufacturer also studied the possibility to develop the B747 as an Airborne Aircraft Carrier. This variant would be able to carry, launch, recover and refuel up to ten Boeing 985-121 Microfighters.

B747 Trijet: In the early seventies, Boeing considered developing a three-engine version of the B747, which would also feature a shorter fuselage. The aircraft was to be a competitor to the L-1011 TriStar and the DC-10. However, this version would need a large redesign of the plane's wings, which would lead to different handling characteristics, meaning it would need a different type-rating for pilots. Therefore, Boeing abandoned the idea and went on to develop the SP.

Classic Boeing 747 production list

L/N	C/N	Type	Registration	Last operator	Status
1	20235	-121	N7470	Boeing	Museum of Flight, Seattle (WA)
2	19639	-121SCD	N747PA	Aeroposta	B/u S.Bernadino (CA) '98
3	19638	-121F	N615FF	Kalitta Equipment	Broken-up Oscoda (MI)
4	19637	-121F	N474EV	Evergreen International Airlines	Broken-up Marana (AZ) 1999
5	19667	-131F	EP-CQB	Islamic Republic of Iran AF	Active
6	19640	-121	5N-THG	Trans-Air Services	Broken-up S.Bernadino (CA)
7	19641	-121F	N691UP	UPS	Broken-up Goodyear (AZ) 2002
8	19668	-131F	EP-AJT	Islamic Republic of Iran AF	Active
9	19669	-131F	5-8108	Islamic Republic of Iran AF	Active
10	19642	-121F	N830FT	Polar Air Cargo	Broken-up Mobile (AL)
11	19643	-121	N736PA	Pan Am	Written-off Tenerife 27mar1977
12	19746	-130	N603FF	Tower Air	Broken-up New York-JFK 2001
13	19644	-121	N737PA	IAL Cargo Airlines	B/u S.Bernadino (CA) '97
14	19645	-121	N738PA	Pan Am	Written-off Karachi 4aug1983
15	19646	-121SCD	N739PA	Pan Am	Written-off Lockerbie 21dec1988
16	19647	-121F	N613FF	Tower Air	Broken-up New York-JFK 2000
17	19648	-121F	N831FT	Polar Air Cargo	Broken-up Mobile (AL)
18	19649	-121	N742PA	Pan Am	Broken-up Ardmore (OK) 1992
19	19749	-128	N611AR	AAR Corporation	Broken-up Oklahoma City 1994
20	19670	-131	N93104	Jetaway Aviation Services	Broken-up Marana (AZ) 1998
21	19671	-131	N93105	Trans World Airlines	B/u Kansas City (MO) 2000
22	19750	-128	F-BPVB	Air France	Broken-up Marseilles 1996
23	19761	-136	G-AWNA	British Airways	Broken-up Bruntingthorpe 1999
24	19650	-121F	S2-AFA	Logistics Air	Broken-up Johore-Bharu-Senai
25	19651	-121	N747GE	General Electric	Pima Air Museum (AZ)
26	19652	-121	N748PA	Pan Am	Broken-up Marana (AZ) 1995
27	19778	-151	N601US	Northwest Airlines	Broken-up Maxton (NC) 1995
28	19672	-131	N608FF	Tower Air	Broken-up Victorville (CA) '05
29	19747	-130	D-ABYB	Lufthansa	Written-off Nairobi 20nov1974
30	19653	-121	N749PA	Pan Am	Broken-up Marana (AZ) 1994
31	19725	-146F	N40467	Kitty Hawk International	Broken-up Oscoda (MI)
32	19654	-121	N750PA	Pan Am	Broken-up Marana (AZ) 1992
33	19655	-121	N476EV	Evergreen International Airlines	Broken-up Marana (AZ) 1995
34	19656	-121	N752PA	Pan Am	Written-off Cairo 6sep1970
35	19673	-131	N93107	Trans World Airlines	Broken-up Marana (AZ) 2001
36	19729	-143	N128BP	BPI Aerospace	Broken-up Marana (AZ) 2001
37	19657	-121F	N473EV	Evergreen International	Broken-up Marana (AZ) 2001
38	19674	-131	N93108	Trans World Airlines	Broken-up Marana (AZ) 2002
39	19751	-128F	N3202Y	Evergreen International	Broken-up Tel Aviv 2004
40	19779	-151	N602PR	Charlotte Aircraft Corporation	Broken-up Maxton (NC) 1995
41	19762	-136	G-AWNB	British Airways	Broken-up Roswell (NM) 1999
42	19733	-124F	N855FT	Polar Air Cargo	Broken-up Mojave (CA) 2003
43	19675	-131	N93109	Trans World Airlines	Broken-up Marana (AZ) 1997
44	19748	-130	EI-BED	Aer Lingus	Broken-up Marana (AZ) 1996
45	19780	-151	N603US	Charlotte Aircraft Corporation	Broken-up Maxton (NC) 1999
46	20100	-123F	N674UP	UPS	Broken-up Roswell (NM) 2003

47	19658	-121	F-GIMJ	Corsair	Broken-up Mojave (CA)
48	19763	-136	3D-GFA	Air Gulf Falcon	Broken-up Marana (AZ) 2005
49	19659	-121	N604FF	Tower Air	Broken-up New York-JFK 1998
50	19660	-121	F-GKLL	Corsair	Broken-up Chateauroux 2002
51	19726	-146	5N-BBB	Kabo Air	Broken-up Tijuana
52	19753	-122F	N716CK	Kalitta Air	Broken-up Oscoda (MI) 2009
53	19752	-128	N612AR	AAR Corporation	Broken-up Oklahoma City 1994
54	19727	-146	N40483	Kitty Hawk International	Broken-up Oscoda (MI)
55	19781	-151	N604US	Northwest Airlines	Broken-up Mojave (CA) 2003
56	19730	-143	N17011	Continental Airlines	Broken-up Mojave (CA) 2007
57	20101	-123F	N676UP	UPS	Broken-up Roswell (NM)
58	19734	-124	N602FF	Tower Air	Broken-up New York-JFK
59	20102	-123	N153UA	United Airlines	B/u Greenwood (MS) '00
60	19754	-122F	N712CK	Kalitta Air	Broken-up Oscoda (MI) 2013
61	19755	-122F	N850FT	Polar Air Cargo	Broken-up Prestwick 2002
62	19782	-151	N605US	Northwest Airlines	Broken-up Mojave (CA) 1993
63	19676	-131	N53110	Trans World Airlines	Broken-up Mojave (CA) 1999
64	19735	-124F	4X-AXZ	El Al Israel Airlines	Broken-up Tel Aviv 1999
65	20103	-123	N154UA	Boeing Corporation	B/u Greenwood (MS) '02
66	19756	-122F	N851FT	Polar Air Cargo	Broken-up Roswell (NM) 2011
67	19757	-122F	N852FT	Polar Air Cargo	Broken-up Prestwick 2017
68	19918	-135	N620US	Northwest Airlines	B/u Greenwood (MS) '00
69	20104	-123	N155UA	United Airlines	Broken-up Tucson (AZ) 1999
70	19661	-121F	N681UP	UPS	Broken-up Roswell (NM) 2011
71	19783	-151	N606PB	Charlotte Aircraft Corporation	Broken-up Maxton (NC) 2002
72	19896	-132F	N481EV	Evergreen International Airlines	Evergreen Museum, McMinnville
73	19677	-131F	5-8104	Islamic Republic of Iran AF	Written-off Madrid 9may1976
74	19784	-151	N607US	Northwest Airlines	B/u Greenwood (MS) '98
75	19785	-151	N608US	Western Michigan University	Broken-up at Battle Creek (MI)
76	19957	-156	N133TW	Trans World Airlines	Broken-up Mojave (CA) 1999
77	20105	-123	N156UA	United Airlines	B/u Greenwood (MS) '02
78	19678	-131	5-8102	Islamic Republic of Iran AF	Stored Tehran-Mehrabad
79	20106	-123	N157UA	United Airlines	B/u Greenwood (MS) '02
80	20080	-131	5-8103	Islamic Republic of Iran AF	Active
81	19919	-135	N621US	Northwest Airlines	B/u Greenwood (MS) '98
82	19897	-132F	N856FT	Polar Air Cargo	Broken-up Marana (AZ) 2001
83	19786	-151	N609US	Northwest Airlines	Broken-up Mojave (CA) 1996
84	19744	-148	5N-ZZZ	Kabo Air	Broken-up at Roswell (NM)
85	20081	-131	5-8105	Islamic Republic of Iran AF	Active
86	20107	-123SC	N905NA	NASA	NASA Space Center Houston
87	20108	-123	G-VMIA	Virgin Atlantic Airways	Broken-up Kemble 2000
88	20356	-251B	N611US	Northwest Airlines	Broken-up Marana (AZ) 2001



In 1992 General Electric took over this former Pan Am B747-121 and appropriately registered it as N747GE. It used the aircraft as a testbed for engines out of Victorville (CA). It withdrew the aircraft from service in 2018 and back then it was the oldest flying B747 in the world. It was succeeded by B747-446 N747GF and both were photographed during the farewell flight of N747GE (nearest to the camera) which is nowadays preserved at the Pima Air Museum near Tucson (AZ). (Photo courtesy of General Electric)



Focus Air Cargo was a cargo airline based at Fort Lauderdale (FL). It was founded as Omega Air Cargo in 2004, but renamed the same year. They went out of business four years later. It had operated four B747s, one of which was this N362FC. It flew with Focus between 2006 until 2008. It's last operator was Air Atlanta Icelandic and it's currently stored at Fujairah. (Schiphol, 10 October 2006, Chris Ufkes)

89	19875	-122	C5-FBS	Air Dabia	Broken-up Plattsburgh (NY)
90	20109	-123F	N858FT	Logistics Air	Stored Roswell (NM)
91	19958	-156	N134TW	Trans World Airlines	Broken-up Marana (AZ) 1999
92	20401	-129SCD	OO-SGA	SABENA	Broken-up Brussels 1994
93	19787	-151	N610US	Northwest Airlines	B/u Greenwood (MS) '99
94	19898	-132F	N479EV	Evergreen Supertanker	Broken-up Marana (AZ) 2017
95	20402	-129SCD	N822AL	AAR Corporation	Broken-up Mojave (CA) 1998
96	19922	-206B	N531AW	America West Airlines	Broken-up Kingman (AZ) 1996
97	19876	-122	N4714U	United Airlines	Broken-up Ardmore (OK)
98	20320	-131	N472EV	Evergreen International Airlines	Broken-up Marana (AZ)
99	19877	-122	N4716U	United Airlines	Broken-up Ardmore (OK) 1998
100	20207	-127	N601FF	Tower Air	Broken-up New York-JFK 1994
101	19878	-122	N4717U	United Airlines	Broken-up Ardmore (OK) 1998
102	20321	-131	N53116	Trans World Airlines	Broken-up Marana (AZ) 1999
103	20347	-121F	N832FT	Polar Air Cargo	Broken-up Tel Aviv 2006
104	20013	-133	N890FT	FedEx Express	Broken-up Marana (AZ) 1995
105	20355	-128	F-BPVE	Corsair	Broken-up Bruntingthorpe 1998
106	20348	-121	N480EV	Evergreen International Airlines	Broken-up Marana (AZ) 2012
107	19764	-136	G-AWND	British Airways	Written-off Kuwait City 27feb91
108	19745	-148	5N-AAA	Kabo Air	Broken-up Roswell (NM) 2002
109	19765	-136	5N-RRR	Kabo Air	Broken-up at Kano
110	20349	-121F	N682UP	UPS	Broken-up Roswell (NM) 2008
111	19766	-136	5N-JJJ	Kabo Air	Stored Lagos
112	20116	-257B	N303TW	First Security Bank	Stored Marana (AZ)
113	20322	-131	N93117	AAR Corporation	Broken-up Mojave (CA) 1998
114	20120	-283B	N221MP	Aircraft Instrument & Radio Co.	Broken-up San Antonio (TX) 94
115	20323	-123F	N671UP	UPS	Broken-up Roswell (NM) 2003
116	19823	-246B	N570SW	Kalitta Air	Broken-up (AZ)
117	20350	-121SCD	N492GX	GATX	Broken-up Marana (AZ) 2001
118	19923	-206B	N532AW	America West Airlines	Broken-up Mojave (CA) 1995
119	20324	-123F	N672UP	UPS	Stored Roswell (NM)
120	19731	-243B	N78020	Continental Airlines	Broken-up Las Vegas (NV) '95
121	20014	-133	TF-ABR	Saudia	Broken-up Marana (AZ) 2003
122	19824	-246B	N741LA	Wells Fargo Bank	Broken-up Marana (AZ)
123	20208	-1D1	TF-ABO	Saudia	Broken-up Manston 1999
124	19959	-237B	VT-EBD	Air India	Written-off near Bombay 1jan78
125	20325	-123F	N717CK	Kalitta Air	Stored Oscoda (MI)
126	20117	-257B	N304TW	United Aviation Services	Broken-up Ardmore (OK) 1999
127	20351	-121	N483EV	Evergreen International Airlines	Broken-up Marana (AZ) 1995
128	20493	-230B	N487GX	GATX	Broken-up Shelton (WA) 1997

129	20352	-121	N484EV	Evergreen International Airlines	Broken-up Marana (AZ)
130	19960	-237B	N960JS	Aero Controls	Broken-up Mojave (CA) 2001
131	20353	-121F	N683UP	UPS	Stored Roswell (NM)
132	20372	-230BF	N488GX	GATX	Broken-up Mojave (CA) 2000
133	20326	-123F	N859FT	Polar Air Cargo	Stored Roswell (NM)
134	19732	-243B	5N-EEE	Kabo Air	Broken-up Marana (AZ) 2008
135	20357	-251B	N612US	Northwest Airlines	Broken-up Roswell (NM) 2003
136	20390	-123F	N675UP	UPS	Broken-up Roswell (NM) 2011
137	19825	-246B	TF-ATF	Air Atlanta Icelandic	Broken-up
138	19924	-206B	N533AW	America West Airlines	Broken-up San Antonio (TX) 94
139	19879	-122	N4718U	United Airlines	Broken-up Ardmore (OK) 1998
140	20135	-258B	4X-AXA	El Al Israel Airlines	Stored Tel Aviv
141	20358	-251B	N613US	Northwest Airlines	Broken-up Marana (AZ)
142	20354	-121	N609FF	Tower Air	Broken-up Marana (AZ)
143	20391	-123F	N677UP	UPS	Stored Roswell (NM)
144	20015	-133	C-FTOC	Air Canada	Broken-up Miami (FL) 1999
145	19880	-122	N4719U	United Airlines	Broken-up Marana (AZ) 1998
146	20305	-1D1	N25WA	Willis Aeronautical Services	Broken-up Marana (AZ) 1999
147	20009	-238B	XT-DMS	Kallat Elsaker Air	Broken-up Riyadh 2012
148	19881	-122	N4720U	United Airlines	Broken-up Marana (AZ) 1998
149	20010	-238BF	N4051L	Kitty Hawk International	Broken-up Oscoda (MI) 1999
150	20269	-136	G-AWNG	British Airways	Broken-up Roswell (NM) 1999
151	20082	-131F	5-8107	Islamic Republic of Iran AF	Active
152	20398	-206B	N306TW	First Security Bank	Broken-up Marana (AZ) 2003
153	20083	-131	N93119	Trans World Airlines	W/o near East Moriches 17jul96
154	20237	-244B	ZS-SAL	South African Airways	Broken-up Johannesburg 2005
155	20246	-132F	N857FT	Polar Air Cargo	B/u Greenwood (MS) '03
156	20399	-206B	F-GLNA	Corsair	Broken-up Paris-Orly 2003
157	20400	-206B	PH-BUF	KLM	Written-off Tenerife 27mar1977
158	20238	-244B	ZS-SAM	South African Airways	Broken-up Johannesburg 2004
159	20247	-132F	N709CK	Kalitta Air	Broken-up Oscoda (MI) 2015
160	20239	-244B	ZS-SAN	South African Airways	SAA Museum, Rand
161	20332	-146F	N702CK	Kalitta Air	Stored Oscoda (MI)
162	20011	-238B	N607FF	Tower Air	Broken-up New York-JFK 2000
163	20359	-251B	N614US	Northwest Airlines	Broken-up Roswell (NM) 2005
164	20274	-238B	4X-AXB	El Al Israel Airlines	Broken-up Tel Aviv 2001
165	20360	-251B	N615US	Northwest Airlines	Broken-up Roswell (NM) 2004
166	20333	-246B	ST-AQN	Spirit of Africa Airlines	Stored Jakarta
167	20121	-283B	G-VOYG	Virgin Atlantic Airways	Broken-up Kemble 1999
168	20373	-230F	N79713	Boeing Aircraft Holding Co.	Broken-up Marana (AZ) 2004
169	20270	-136	G-AWNH	British Airways	B/u Albuquerque (NM) 2014
170	20427	-206B	F-GPJM	Corsair	Broken-up Chateauroux 2002



Air Atlanta Icelandic is a very common B747-operator, mainly providing wet-lease operations to other airlines. An example is this B747-267B TF-ABA which was flown for Iberia between February 1999 and January 2001. The aircraft was scrapped at Sharjah in 2007. (Madrid-Barajas, October 1999, Anton Homma)

171	20012	-238B	N608PE	Garuda Indonesian Airways	Broken-up Norton (CA) 1994
172	20271	-136	N605FF	Tower Air	W/o New York-JFK 20dec95
173	20137	-256B	EC-GAG	Iberia	Broken-up Madrid 2003
174	20376	-128	TF-ABW	Iberia	Broken-up Manston 2000
175	19882	-122	N4723U	United Airlines	Broken-up Marana (CA)
176	20377	-128	TF-ABG	Tunisair	Broken-up Marana (AZ)
177	20378	-128	F-BPVH	Air France	Broken-up Opa Locka (FL) '97
178	20501	-282B	N610FF	Tower Air	Broken-up Victorville (CA) '04
179	20527	-230B	N745LA	Logistic Air	Stored Roswell (NM)
180	20503	-246B	JA8109	Japan Airlines	Written-off Benghazi 24jul73
181	20504	-246B	ST-AQL	Spirit of Africa Airlines	Stored Jakarta
182	20505	-246B	N791BA	Boeing Aircraft Holding Co.	B/u Boeing Field (WA) 2001
183	20272	-136	G-AWNJ	British Airways	Broken-up Roswell (NM)
184	20273	-136	N606FF	Tower Air	Broken-up Victorville (CA)
185	20459	-237B	N459JS	Aero Controls	Broken-up Mojave (CA) 2002
186	20559	-230B	HL7442	Korean Air	W/o near Sakhalin Island 1sep83
187	20284	-136B	G-AWNL	British Airways	Broken-up Roswell (NM)
188	20558	-237B	VT-EBO	Air India	Written-off Dehli 07may90
189	20502	-282B	N611FF	Tower Air	Broken-up Victorville (CA) '05
190	20520	-243B	N33021	Continental Airlines	Broken-up Mojave (CA) 2004
191	20528	-146	N40489	Kitty Hawk International	Broken-up Oscoda (MI)
192	20529	-246B	HS-UTB	Orient Thai Airlines	B/u Nakhon Ratchasima 2007
193	19883	-122	N4727U	United Airlines	Broken-up Ardmore (OK) 1999
194	20556	-244B	ZS-SAO	South African Airways	Broken-up Johannesburg 2003
195	20534	-238B	N14024	Continental Airlines	Broken-up Mojave (CA)
196	20530	-246B	HS-UTP	Orient Thai Airlines	Stored Phitsanulok
197	20531	-146	TF-ATE	Air Atlanta Icelandic	Broken-up Marana (AZ)
198	20557	-244B	ZS-SAP	South African Airways	Broken-up Johannesburg 2003
199	20532	-146	HS-UTH	Orient Thai Airways	Broken-up Jakarta 2005
200	20541	-128	F-BPVJ	Air France	Musée de l'Air, Paris-Le Bour- get
201	20542	-128	N28888	Air France	Written-Off Bombay 12jun75
202	20682	E-4B	73-1676	United States Air Force	Active
203	20543	-128	N615AR	AAR Corp.	Broken-up Marana (AZ) 1995
204	20683	E-4B	73-1677	United States Air Force	Active
205	19925	-122	N4728U	United Airlines	Broken-up Greenwood (MS) 02
206	19926	-122	N4729U	United Airlines	Broken-up Marana (AZ) 1999
207	19927	-122	N4732U	United Airlines	Broken-up Marana (AZ) 1999
208	19928	-122	N4735U	United Airlines	Broken-up Marana (AZ) 1998
209	20651	-273C	N471EV	Evergreen International Airlines	Stored Marana (AZ)
210	20708	-136	G-AWNM	British Airways	Broken-up Roswell (NM)
211	20652	-273C	N79712	Boeing Aircraft Holding Co.	Broken-up Marana (AZ)
212	20704	-258B	4X-AXC	El Al Israel Airlines	Broken-up Tel Aviv 2001
213	20770	-2B5B	HL7463	Korean Air	Preserved Cheju
214	20767	-133	C-FTOD	Air Canada	Broken-up Opa Locka (FL) '99
215	20771	-2B5B	N710BA	Boeing Aircraft Holding Co.	Broken-up Marana (AZ)
216	20742	-284B	N305TW	Trans World Airlines	Broken-up Marana (AZ) 1998
217	20535	-238B	N17025	Continental Micronesia	Broken-up Mojave (CA)
218	20712	-212BF	N485EV	Evergreen International Airlines	Stored Quonset Point (RI)
219	20713	-212BF	N482EV	Evergreen International Airlines	Evergreen Museum, McMinnville
220	20809	-136	G-AWNN	British Airways	Broken-up Roswell (NM) 1999
221	20781	SR-46	N911NA	NASA	Joe Davies Airpark, Palmdale
222	20810	-136	G-AWNO	British Airways	Broken-up Roswell (NM) 2000
223	20825	-284B	SX-OAB	Olympic Airways	Stored Athens-Hellinikon
224	20798	-128	F-BPVL	Air France	Broken-up Victorville (CA) '01
225	20801	-217B	AP-BCN	Pakistan International Airlines	Broken-up Karachi 2002
226	20802	-217B	AP-BCM	Pakistan International Airlines	Broken-up
227	20799	-128	F-BPVM	Air France	Broken-up Chateauroux 2002
228	20800	-128	N610AR	AAR Corp.	B/u Oklahoma City (OK) '94
229	20782	SR-46	N747BN	Boeing Aircraft Holding Co.	B/u Everett-Paine Field (WA) 1992
230	20783	SR-46	JA8119	Japan Airlines	Written-off Tokyo 12aug85
231	20784	SR-46F	N477EV	Evergreen International Airlines	Broken-up Marana (AZ)
232	20684	E-4B	74-0787	United States Air Force	Active
233	20841	-238B	4X-AXQ	El Al Israel Airlines	Broken-up 2008
234	20923	SR-46F	N719CK	Kalitta Air	Broken-up Oscoda (MI)
235	20924	-246B	TF-ABI	Air Atlanta Icelandic	Broken-up Marana (AZ) 2001



Air India has been the sole user of this B747-337. It was delivered on 21 October 1988 and withdrawn from use in 2008. Since then it has been stored at Mumbai. (Paris-Charles de Gaulle, 22 June 1997, Anton Homma)

236	20881	-133	C-FTOE	Air Canada	Broken-up Marana (AZ) 2004
237	20653	-273C	N470EV	Evergreen International Airlines	Broken-up Marana (AZ) 2012
238	20842	-238B	5N-PDP	Kabo Air	Broken-up
239	20928	-282B	AP-AYV	Pakistan International Airlines	Broken-up Karachi 2002
240	20888	-212BF	N486EV	Evergreen International Airlines	Broken-up Marana (AZ) 2012
241	20921	-238B	5N-PPP	Kabo Air	Stored Lagos
242	20826	-245F	EC-KRP	Pronair	Stored Valencia
243	21034	-246F	N705CK	Kalitta Air	Stored Oscoda (MI)
244	20927	-217B	AP-BCO	Pakistan International Airlines	Broken-up Karachi 2006
245	20887	-228F	N809MC	Atlas Air	Broken-up Roswell (NM)
246	20952	-136	5N-OOO	Kabo Air	Stored Kano
247	20929	-217B	N899TH	Orient Thai Airlines	Broken-up U-Tapao 2014
248	20953	-136	3C-GFB	Spirit of Africa Airlines	Broken-up Sharjah 2002
249	21032	SR-46	N705CK	American International Airways	Stored Oscoda (MI)
250	20977	-233B	C-GAGA	Air Canada	Broken-up Marana (AZ) 2013
251	21030	-246B	TF-ABY	Air Atlanta Icelandic	Broken-up Marana (AZ)
252	20954	-128	F-BPVP	Air France	Broken-up Chateauroux 2000
253	21048	-212BF	N808MC	Atlas Air	Written-off Düsseldorf 24jan05
254	21033	SR-46F	N478EV	Evergreen International Airlines	Broken-up Marana (AZ)
255	21031	-246B	HS-UTI	Orient Thai Airlines	Broken-up Bangkok 2009
256	21035	-282B	N705BL	Baltia Air Lines	Broken-up Kuala Lumpur 2012
257	20949	E-4B	75-0125	United States Air Force	Active
258	21120	-251F	N616US	Kalitta Air	Stored Oscoda (MI)
259	21029	-146	HS-UTD	One-Two-Go by Orient Thai	Stored Phitsanulok
260	21054	-238B	XT-DMT	Kallat Elsaker Air	Stored Fujairah
261	21121	-251F	N617US	Logistics Air	Broken-up Marana (AZ)
262	21097	-2B4BF	N710CK	Kalitta Air	Broken-up Oscoda (MI)
263	21098	-2B4BF	A6-GDP	Dubai Air Wing	Broken-up at Kemble 2010
264	21099	-2B4BF	N713CK	Kalitta Air	Broken-up Oscoda (MI) 2013
265	21022	SP-21	N140UA	United Airlines	Broken-up Ardmore (OK) 1999
266	20827	-245F	N218BA	Wilmington Trust Co.	Broken-up Manston 2008
267	21140	-238B	N159UA	United Airlines	Broken-up Roswell (NM) 2001
268	21023	SP-21	N141UA	United Airlines	Broken-up Ardmore (OK) 1998
269	21122	-251F	N618US	Logistic Air	Stored Marana (AZ)
270	21024	SP-21	N142UA	United Airlines	Broken-up Ardmore (OK) 2000
271	21110	-206BF	N748SA	Southern Air	Broken-up Mojave (CA)
272	21190	-258C	ZS-OOS	Hydro Air	Written-off Lagos 29nov03
273	21025	SP-21	N143UA	United Airlines	Broken-up Ardmore (OK) 1999
274	21189	-287B	5N-NNN	Kabo Air	Broken-up Victorville (CA)
275	20998	SP-86	EP-IAA	Iran Air	Stored Tehran-Mehrabad

276	21111	-206BF	N746SA	Southern Air	Broken-up Mojave (CA)
277	21182	-237B	VT-EDU	Air India	Broken-up
278	20999	SP-86	EP-IAB	Iran Air	Stored Tehran-Mehrabad
279	21141	-128	N129TW	Trans World Airlines	Stored Marana (AZ)
280	21132	SP-44	ZS-SPA	South African Airways	Broken-up Johannesburg 2002
281	21213	-136	G-BDPV	British Airways	Broken-up Roswell (NM) 1999
282	21133	SP-44	N747KV	Panair	Broken-up Marana (AZ) 2005
283	21162	-212B	N981JM	Jet Midwest Group	Jumbo Hostel Stockholm
284	21174	SP-94	YK-AHA	Syrianair	Broken-up Riyadh 2014
285	21237	-238B	N160UA	United Airlines	Broken-up Marana (AZ) 2003
286	21026	SP-21	N144UA	United Airlines	Broken-up Ardmore (OK) 2001
287	21180	-270C	5-8106	Islamic Republic of Iran AF	Active
288	21134	SP-44	ZS-SPC	South African Airways	SAA Museum, Rand
289	21181	-270C	YI-AGO	Iraqi Airways	Stored Tehran-Mehrabad
298	21175	SP-94	YK-AHB	Syrianair	Broken-up Riyadh 2014
299	21221	-230BF	N760SA	Southern Air	Stored Mojave (CA)
300	21218	-286B	EP-IAH	Iran Air	Stored Tehran-Mehrabad
301	21263	SP-44	ZS-SPF	Linhas Aéreas de Moçambique	Written-off Maputo 05oct98
302	21239	-236B	G-BDXB	British Airways	Stored Xiamen
303	21326	-228B	F-BPVS	Air France	Broken-up Chateauroux 2003
304	21300	SP-09	J2-SHF	Kinshasa Airways	Stored Sharjah
305	21240	-236B	G-BDXC	European AirCharter	Broken-up Cardiff 2002
306	21441	SP-21	N747NA	NASA	Active
307	21093	SP-86	EP-IAC	Iran Air	Stored Tehran-Mehrabad
308	21321	-251F	N719CK	Kalitta Air	Broken-up Oscoda (MI) 2014
309	21316	-212B	XT-DMK	Kallat Elsaker Air	Stored Sana'a
310	21352	-238B	J2-KCB	Buraq Air	Stored Al Ain
311	21381	-283B	HK-2910X	AVIANCA	W/o near MAD 27nov83
312	21439	-212B	N624FF	CIT Leasing Corp.	Broken-up Rowell (NM)
313	21429	-228B	F-BPVT	Air France	Broken-up Vatry 2003
314	21354	-238B	C-GAGC	Air Canada	Broken-up Marana (AZ) 2011
315	21486	-2J9F	EP-SHB	Islamic Republic of Iran AF	Stored Tehran-Mehrabad
316	21353	-238B	N163UA	United Airlines	Broken-up Marana (AZ) 2001
317	21241	-236B	G-BDXD	British Airways	Broken-up Roswell (NM) 2001
318	21446	-237BF	N524UP	Tradewinds Airlines	Broken-up Victorville (CA)
319	21487	-2J9F	EP-SHH	Islamic Republic of Iran AF	Stored Tehran-Mehrabad
320	21380	-230BF	N740SA	Southern Air	Stored Mojave (CA)
321	21350	-236B	G-BDXE	European AirCharter	Broken-up Kemble 2007
322	21454	-209BF	B-18751	China Airlines	Broken-up Marana (AZ) 2002
323	21351	-236B	G-BDXF	European AirCharter	Broken-up Kemble 2006
324	21468	-2Q2B	F-ODJG	Air Gabon	Broken-up Vatry 2006
325	21547	SP-21	N146UA	Federal Aviation Administration	Broken-up Marana (AZ) 2003
326	21516	-211B	RP-C8850	Philippine Airlines	Broken-up Marana (AZ) 2006
327	21594	-258C	4X-AXF	El Al Israel Airlines	Broken-up Tel Aviv 2009
328	21536	-236B	G-BDXG	European AirCharter	Broken-up Bournemouth 2006
329	21652	SP-68	HZ-HM1B	Saudi Arabian Royal Flight	Active



On 16 December 2004 Phuket Air took delivery of this former KLM B747-306M and registered it as HS-VAC. Phuket leased the plane often to Saudia for use on Hajj-flights. It was broken-up at Cairo in 2015. (Schiphol, 1 April 2005, Chris Ufkes)



A total of 45 B747SPs were produced by Boeing, one of which was this ZS-SPB of South African Airways. It was delivered in April 1976 and withdrawn from use in December 1996. Between those years the aircraft was also used by Air Malawi (as 7Q-YKL), Luxair (as LX-LGX), Trek Airways and Air Namibia. It was broken-up at Marana in 2005. (Schiphol, 3 August 1997, Anton Homma)

330	21473	-237B	VT-EFO	Air India	Written-off near Ireland 23jun85
331	21548	SP-21	N147UA	Federal Aviation Administration	Stored Atlantic City (NJ)
332	21541	-269BF	N801KH	Kitty Hawk Collateral Liquidating	Broken-up Alhorn 2007
333	21537	-228B	F-BPVU	Air France	Broken-up Chaeauroux 2005
334	21576	-228F	N754SA	Southern Air	Broken-up Mojave (CA)
335	21542	-269B	N309MF	Wells Fargo Bank	Broken-up Riyadh 2014
336	21549	-206BSUD	PH-BUK	KLM	Aviodrome Museum, Lelystad
337	21515	-2B3F	F-GPAN	Air France	Written-off Chennai 05mar99
338	21615	-2B6B	CN-RME	Royal Air Maroc	Stored Casablanca
339	21657	-238B	N164UA	United Airlines	Broken-up Marana (AZ) 2004
340	21507	-2J9F	EP-CQA	Caspian Airlines	Active
341	21658	-238B	HS-UTC	Orient Thai Airlines	Broken-up Jakarta 2009
342	21588	-230B	D-ABYM	Lufthansa	Technik Museum, Speyer
343	21514	-2J9F	EP-ICC	Iran Air	Stored Tehran-Mehrabad
344	21550	-206BSUD	N725SA	Southern Air	Broken-up Goodyear (AZ) '04
345	21589	-230B	I-DEMY	Alitalia	Broken-up Kingston (NC) 2003
346	21604	SR-81	A7-ABK	AAR Corp.	Broken-up Roswell (NM) 1999
347	21592	-230F	AP-BKI	Rayyan Air	Broken-up Karachi 2014
348	21590	-230B	N720SA	Southern Air	Broken-up Marana (AZ) 2003
349	21725	-287B	LV-MLO	Aerolíneas Argentinas	Broken-up Buenos Aires 2015
350	21591	-230B	D-ABYQ	Lufthansa	Broken-up Hahn 2002
351	21605	SR-81	A7-ABL	AAR Corp.	Broken-up Roswell (NM) 1999
352	21643	-230B	D-ABYR	Lufthansa	Broken-up Hahn 2002
353	21614	-2B2B	5R-MFT	Air Madagascar	Broken-up Filton 2005
354	21650	-2R7F	G-MGKA	MK Airlines	Stored Kemble
355	21627	-233B	C-GAGB	Air Canada	Broken-up Marana (AZ) 2012
356	21644	-230BF	N508MC	Tradewinds Airlines	Broken-up Roswell (NM) 2011
357	21704	-251B	N622US	Northwest Airlines	Broken-up Marana (AZ) 2009
358	21575	-283B	N747SF	Aerospace Trust Management	Std at Chateauroux as SX-FIN
359	21543	-269BSF	9Q-CGI	Cargair International	Std Ciudad del Este-Guarani
360	21606	SR-81	N8078M	Atlas Air	Broken-up Ardmore (OK) 2000
361	21678	-246B	HS-UTJ	One-Two-Go by Orient Thai	Broken-up Bangkok 2010
362	21737	-258F	4X-AXG	El Al Israel Airlines	W/o near Amsterdam 04oct92
363	21772	-2B5B	HL7443	Korean Air	Broken-up
364	21731	-228B	F-BPVX	Air France	Broken-up Chateauroux 2003
365	21635	-236B	G-BDXH	European AirCharter	Broken-up Bournemouth 2009
366	21773	-2B5B	HL7445	Korean Air	Written-off Seoul 19nov80
367	21648	SP-21	VP-BAT	CSDS Aircraft Sales & Leasing	Stored Hamilton, ferried to to Mojave 4 October 2019 and reregistered N7477S
368	21517	-211B	RP-C8830	Philippine Airlines	Broken-up Marana (AZ) 2006
369	21659	-206BSUD	HS-VAV	Phuket Airlines	Broken-up Jakarta 2011

370	21745	-228B	F-BPVY	Air France	B/u Chalons sur Marne 2004
371	21758	SP-86	EP-IAD	Iran Air	Stored Tehran-Mehrabad
372	21730	-259BSCD	N701CK	Kalitta Air	Stored Oscoda (MI)
373	21649	SP-21	VQ-BMS	Las Vegas Sands Corporation	Active
374	21705	-251B	N706BL	Baltia Air Lines	Stored Oscoda (MI)
375	21682	-227B	N635US	Northwest Airlines	Broken-up Marana (AZ) 2007
376	21679	-246B	N741CK	Kalitta Air	Broken-up Detroit (MI) 2008
377	21706	-251B	N624US	Kalitta Air	Broken-up Oscoda (MI)
378	21707	-251B	N625US	Northwest Airlines	Broken-up Marana (AZ) 2007
379	21708	-251B	N626US	Northwest Airlines	Broken-up Marana (AZ) 2017
380	21680	-246B	N745CK	Kalitta Air	Broken-up Oscoda (MI) 2009
381	21759	-186B	EP-IAM	Iran Air	Stored Tehran-Khomeini
382	21681	-246F	N707CK	Kalitta Air	Broken-up Oscoda (MI) 2014
383	21825	-240B	AP-BAK	Pakistan International Airlines	Broken-up Karachi 2013
384	21743	-221F	N747CK	Kalitta Air	Stored Oscoda (MI)
385	21746	-267B	B-HKG	Cathay Pacific Airways	Broken-up Victorville (CA) 1999
386	21843	-209B	B-18255	China Airlines	Written-off Taipei 25may02
387	21683	-212B	SX-OAC	Olympic Airways	Broken-up Jakarta 2003
388	21835	-2B3F	TF-AMC	Air Atlanta Icelandic	Broken-up Manston 2011
389	21660	-206BSUD	N726SA	Southern Air	Broken-up Newburgh (NY) '05
390	21829	-237B	VT-EFU	Air India	Broken-up Mumbai 2004
391	21684	-212B	SX-OAD	Olympic Airways	Stored Bruntingthorpe
392	21744	-221F	N748CK	Kalitta Air	Stored Oscoda (MI)
393	21922	SR-81	N8078H	Atlas Air	Broken-up Wichita (KS) 1999
394	21764	-245F	N636FE	Atlas Air	Broken-up Marana (AZ) 2007
395	21923	SR-81	N8078Q	Atlas Air	Broken-up Wichita (KS) 1999
396	21841	-245F	G-MKFA	MK Airlines	Broken-up
397	21848	-206BSUD	HS-VAA	Phuket Airlines	Broken-up Jakarta
398	21787	-228F	N753SA	Southern Air	Stored Mojave (CA)
399	21935	-212B	SX-OAE	Olympic Airways	Broken-up Jakarta 2003
400	21668	-2J9F	N630US	Kalitta Air	Stored Oscoda (MI)
401	21936	-212BF	N522UP	UPS	Broken-up Roswell (NM) 2009
402	21782	-2D7BF	N523MC	Atlas Air	Stored Mojave (CA)
403	21726	-287B	EC-JDH	Air Plus Comet	Broken-up Buenos Aires
404	21727	-287B	LV-MLR	Aerolíneas Argentinas	Broken-up Buenos Aires 2015
405	21785	SP-27	A4O-SO	Royal Flight of Oman	Active
406	21827	-249F	N706CK	Kalitta Air	Stored Oscoda (MI)
407	22064	-246B	N740CK	Kalitta Air	Stored Oscoda (MI)
408	21828	-249F	N807FT	Flying Tiger Line	W/o near Puchong 19feb89
409	21977	-238B	VH-ECB	QANTAS	Broken-up Marana (AZ)
410	22145	-238B	VH-EBQ	QANTAS	QANTAS Museum, Longreach
411	22065	-246B	N744CK	Kalitta Air	Stored Oscoda (MI)
412	21709	-251B	N627US	Northwest Airlines	Written-off Guam 19aug05
413	21786	SP-27	7O-YMN	Government of Yemen	Written-off Aden 2015
414	21993	-237B	VT-EGA	Air India	Broken-up Mumbai 2006
415	21961	SP-31	VP-BLK	Las Vegas Sands Corporation	Active
416	21964	-271CF	4X-ICL	Cargo Air Lines	Broken-up Tel Aviv 2011
417	21783	-2D7BF	N522MC	Atlas Air	Stored Mojave (CA)
418	22254	-258BSCD	VP-BXC	Tesis	Broken-up Luxembourg 2014
419	21937	-212BF	N708CK	Kalitta Air	Stored Oscoda (MI)
420	21924	SR-81	N1924N	Atlas Air	Stored
421	21832	-2F6BF	N761SA	Southern Air	Broken-up Mojave (CA) 2015
422	21925	SR-81	N73795	Boeing Aircraft Holding Co.	Broken-up
423	21833	-2F6BF	N765SA	Southern Air	Broken-up Mojave (CA) 2014
424	21784	-2D7BF	N524MC	Atlas Air	Stored Mojave (CA)
425	21834	-2F6B	RP-C8820	Philippine Airlines	Broken-up Marana (AZ) 2005
426	22066	-146B	N552SW	Kalitta Equipment LLC	Broken-up Oscoda (MI) 2006
427	22067	-146B	5U-ACG	Aeroexpress	Broken-up 2017
428	21982	-228B	N728SA	Southern Air	Stored Newburgh-Stewart (NY)
429	22077	-240B	AP-BAT	Pakistan International Airlines	Broken-up Karachi 2012
430	21830	-236B	G-BDXI	British Airways	Broken-up Cardiff 2003
431	21994	-237B	VT-EGB	Air India	Broken-up Mumbai 2006
432	22063	-246F	9G-MKI	MK Airlines	W/o Port Harcourt 27nov01
433	21932	SP-J6	N135SW	UT Finance Corporation	Broken-up Victorville (CA) '02
434	21995	-237B	VT-EGC	Air India	Broken-up Mumbai 2006
435	22105	-2L5BF	B-HMD	Cathay Pacific Airways	Stored Victorville (CA)
436	21938	-212B	J2-KCV	unknown	Broken-up Opa Locka (FL) '13
437	21991	-227B	N633US	Northwest Airlines	Broken-up Marana (AZ)
438	21965	-271CF	4X-ICM	Cargo Air Lines	Broken-up Mojave (CA)

439	21962	SP-31	P4-AFE	Shamrock AVV	Broken-up Luxembourg 2002
440	21831	-236B	G-BDXJ	Air Atlanta Europe	Stored Dunsfold
441	21963	SP-31	P4-FSH	Ernest Angley Ministries	Active
442	22389	-251B	N628US	Northwest Airlines	Broken-up Marana (AZ)
443	22106	-2L5BF	B-HME	Cathay Pacific Airways	Stored Victorville (CA)
444	22388	-251F	N629US	Kalitta Air	Stored Oscoda (MI)
445	22298	SP-09	YI-AOX	Iraqi Airways	Stored Baghdad
446	21966	-267B	N787RR	Rolls-Royce of North America	Active
447	21992	SP-27	N747A	NASA	Active
448	22480	-2B5F	HL7451	Korean Air	W/o near Stansted 22dec99
449	21939	-212BF	N703CK	Kalitta Air	Stored Oscoda (MI)
450	22238	-256B	EC-DIA	Iberia	Broken-up Madrid 2010
451	22239	-256B	EC-DIB	Iberia	Broken-up Madrid 2009
452	22246	-2U3B	HS-VAO	Phuket Airlines	Broken-up Jakarta 2010
453	22291	SR-81	N215BA	Boeing Aircraft Holding Co.	Broken-up Tel Aviv 2003
454	22481	-2B5F	G-MKBA	MK Airlines	Broken-up Ostend 2013
455	21933	SP-J6	N136SW	UT Finance Corporation	Broken-up Plattsburgh (NY) '02
456	22292	SR-81	N292BA	Boeing Aircraft Holding Co.	Broken-up Tel Aviv
457	21940	-212BF	G-MKKA	MK Airlines	Broken-up Filton 2010
458	22245	-249F	N643NW	Northwest Airlines	Stored Walnut Ridge (AR)
459	22247	-2U3B	HS-VAU	Saudi Arabian Airlines	Stored Jakarta
460	22237	-249F	G-MKEA	MK Airlines	Broken-up Ostend 2013
461	22248	-2U3B	PK-GSC	Garuda Indonesian Airways	Stored Jakarta
462	22299	-209F	N704CK	Kalitta Air	Written-off Brussels 25may08
463	22272	-228B	EC-JFR	Pullmantur Air	Stored Chateauroux
464	22614	-238B	DQ-FJE	Air Pacific	Broken-up Marana (AZ) 2004
465	22234	-227B	N634US	Northwest Airlines	Broken-up Marana (AZ) 2007
466	22149	-267B	TF-ATC	Air Atlanta Icelandic	Broken-up Kemble 2004
467	21934	SP-J6	C-FPAW	Pratt & Whitney Canada	Active
468	22249	-2U3B	HS-VAK	Phuket Airlines	Stored Bangkok-Don Mueang
469	22107	-2L5BF	N815SA	Southern Air	Broken-up Mojave (CA) 2015
470	21941	-212B	N641NW	Northwest Airlines	Broken-up Marana (AZ)
471	21942	-212B	N642NW	Northwest Airlines	B/u Marana (AZ), nose pres. NRT
472	22169	-2S4F	G-MKAA	MK Airlines	Broken-up Filton 2012
473	22302	SP-27	D6-OZX	Continental Wings-Comores Airl.	Broken-up Jakarta 2009
474	22376	-206BSUD	N94104	Wilmington Trust Corporation	Stored Jakarta
475	21943	-212BF	N520UP	UPS	Stored Roswell (NM)
476	22150	-245F	4X-AXL	El Al Israel Airlines	Broken-up Tel Aviv 2013
477	22293	SR-81	N219BA	Boeing Aircraft Holding Co.	Broken-up Victorville (CA) '04
478	22151	-245F	4X-AXK	El Al Israel Airlines	Broken-up Tel Aviv 2011
479	22337	-2D7BF	N526MC	Atlas Air	Broken-up Roswell (NM) 2012
480	22306	-236F	N747KD	Wells Fargo Bank	Broken-up Kemble 2008
481	22294	SR-81	N243BA	Boeing Aircraft Holding Co.	Stored Marana (AZ)
482	22390	-2R7F	B-198	China Airlines	Written-off Taipei 29dec91



Air Universal from Jordan became the proud owner of this former Lufthansa B747-230B JY-AUA on 11 December 2003. It moved to Iran Air on 15 September 2006 and became EP-AUA. Two years later it was registered as EP-IAI and used by Iran Air until it was phased-out on 8 May 2016. It is stored at Tehran-Mehrabad. (Schiphol, 7 April 2005, Chris Ufkes)

483	22615	-238B	VH-ECC	QANTAS	Broken-up Marana (AZ) 2003
484	22482	-2B5BF	G-MKCA	MK Airlines	Broken-up Kemble 2015
485	22427	-228B	F-GCBC	Air France	W/o Rio de Janeiro 02dec85
486	22170	-244BF	9G-MKJ	MK Airlines	Written-off Halifax 14oct04
487	22297	-287B	LV-OEP	Aerolineas Argentinas	Broken-up Buenos Aires 2014
488	22171	-244B	ZS-SAS	South African Airways	W/o near Mauritius 28nov87
489	22478	-246B	N727CK	Kalitta Air	Stored Oscoda (MI)
490	22363	-230BF	TF-ARM	Air Atlanta Icelandic	Stored Kuala Lumpur
491	22379	-206BSUD	N729SA	Southern Air	Broken-up Mojave (CA) 2013
492	22506	-243BF	N795SA	Southern Air	Broken-up Mojave (CA)
493	22429	-267B	TF-ABP	Air Atlanta Icelandic	Stored Sharjah
494	22477	-246F	ER-BAU	Fly Pro	Stored ?
495	22303	-236B	TF-ARG	Air Atlanta Icelandic	Broken-up Kemble 2007
496	22479	-246B	HS-UTR	Orient Thai Airlines	Don Mueang
497	22507	-243BF	N516MC	Atlas Air	Civil Aviation Exhibition
498	22382	-2F6BF	TF-ARN	Air Atlanta Icelandic	Stored Roswell (NM)
499	22508	-243BF	N540MC	Atlas Air	Stored Kuala Lumpur
500	22381	-283BF	N523UP	UPS	Stored Mojave (CA)
501	22483	SP-B5	N709BA	Wings World Wide	Stored Roswell (NM)
502	22304	-236BF	TF-AAB	Air Atlanta Icelandic	Broken-up Marana (AZ) 2006
503	22428	-228BF	F-GBCD	MK Airlines	Stored Fujairah
504	22471	-2D7BF	N527MC	Atlas Air	Stored Tehran-Mehrabad
505	22495	SP-38	VH-EAA	QANTAS	Written-off Lome 02feb08
506	22305	-236B	TF-ARF	Air Atlanta Icelandic	Broken-up Marana (AZ) 2002
507	22484	SP-B5	C-GTFF	Pratt & Whitney Canada	Broken-up Marana (AZ) 2008
508	22378	-2H7B	TJ-CAB	Cameroon Airlines	Active
509	22454	-256BSCD	EC-HVD	Iberia	Broken-up Paris-CDG 2003
510	21944	-212B	N521UP	UPS	Broken-up Madrid 2008
511	22594	SR-81	N238BA	Boeing Aircraft Holding Co.	Stored Roswell (NM)
512	22498	-168B	HZ-AIA	Saudi Arabian Airlines	Stored Roswell (NM)
513	22485	-2B5BF	4X-AXM	EI Al Israel Airlines	Stored Jeddah
514	22579	-2D3BF	N279SG	Wells Fargo Bank	Broken-up Tel Aviv
515	22455	-256BSCD	EC-IAF	Iberia	Broken-up Singapore 2015
516	22595	SR-81	N245BA	Boeing Aircraft Holding Co.	Broken-up Madrid 2009
517	22499	-168B	HZ-AIB	Saudi Arabian Airlines	Stored Marana (AZ)
518	22514	-2B3BSUD	F-BTDG	Air France	Stored Dammam
519	22446	-209BF	N714CK	Kalitta Air	Broken-up Vatry 2007
520	22486	-2B5F	G-MKDA	MK Airlines	Written-off Bogota 07jul08
521	22515	-2B3BSUD	F-BTDH	Air France	Broken-up Filton 2012
522	22500	-168B	HZ-AIC	Saudi Arabian Airlines	Broken-up Vatry 2007
523	22722	-219B	VP-BQE	Transaero Airlines	Stored Jeddah
524	22403	-271CF	N537MC	Atlas Air	Stored Moscow-Domodedovo
525	22501	-168B	HZ-AID	Saudi Arabian Airlines	Stored Roswell (NM)
526	22442	-236BF	TF-AAA	Air Atlanta Icelandic	Stored Jeddah
527	22723	-219B	VP-BQA	Transaero Airlines	Stored Fujairah
528	22724	-219B	VP-BQB	Transaero Airlines	Broken-up Moscow-DME 2012
					Stored Rome-Griffiths (NY)



Evergreen International converted this B747-273C into an aerial firefighter aircraft. It was taken out of service in 2012 and broken-up at Marana (AZ) in the same year. (Ramstein, 5 May 2007, Stephan Lodewijks)



Once a familiar sight at Amsterdam Schiphol was B747-306M PZ-TCM "Ronald Elwin Kappel" operated by SLM, the Surinaamse Luchtvaart Maatschappij. This Jumbo was delivered factory fresh to KLM and flown as PH-BUW until August 2004 when it was acquired by SLM. (Schiphol, 15 January 2006, Gert Jan Mentink)

529	22503	-168B	HZ-AIF	Saudi Arabian Airlines	Stored Jeddah
530	22502	-168B	HZ-AIE	Saudi Arabian Airlines	Stored Jeddah
531	22530	-267B	TF-ABA	Air Atlanta Icelandic	Scrapped Sharjah 2007
532	22592	-287B	EC-IZL	Air Plus Comet	Stored Buenos Aires
533	22510	-243B	I-DEMG	Alitalia	Broken-up Kinston (NC)
534	22547	SP-09	N4508H	First Security Bank	Broken-up Marana (AZ) 2013
535	22678	-228F	N751SA	Southern Air	Stored Jakarta
536	22511	-243B	I-DEML	Alitalia	Broken-up Kinston (NC)
537	22672	SP-38	VH-EAB	QANTAS	Broken-up Marana (AZ) 2003
538	22668	-230F	I-OCEU	Ocean Airines	Broken-up Chateauroux 2011
539	22380	-206BSUD	N730SA	Southern Air	Broken-up Mojave (CA) 2010
540	22496	-283B	N622FF	Tower Air	Broken-up New York-JFK 2001
541	22709	SR-81	N233BA	Boeing Aircraft Holding Co.	Broken-up Goodyear (AZ) '05
542	22512	-243B	I-DEMN	Alitalia	Broken-up Kinston (NC) 2003
543	22616	-238B	VH-EBS	QANTAS	Broken-up Marana (AZ) 2003
544	22710	SR-81	N288BA	Boeing Aircraft Holding Co.	Broken-up Mojave (CA) 2014
545	22545	-243F	4L-GNL	Air Georgia	Stored Tblisi
546	22513	-243B	I-DEMP	Alitalia	Broken-up Kinston (NC) 2003
547	22745	-246B	N742CK	Kalitta Air	Stored Oscoda (MI)
548	22746	-246B	N743CK	Kalitta Air	Stored Oscoda (MI)
549	22669	-230BF	TF-ARH	Air Atlanta Icelandic	Stored Kuala Lumpur
550	22670	-230B	EP-IAI	Iran Air	Stored Tehran-Mehrabad
551	22747	-168B	HZ-AIG	Saudi Arabian Airlines	Stored Jeddah
552	22593	-287B	LV-OPA	Aerolíneas Argentinas	Broken-up Buenos Aires 2014
553	22740	-269B	N309TD	Wells Fargo Bank	Broken-up Manston 2015
554	22764	-256B	EC-DNP	Iberia	Broken-up Madrid 2008
555	22748	-168B	HZ-AIH	Saudi Arabian Airlines	Written-off near Delhi 13nov96
556	22447	-209BF	N715CK	Kalitta Air	Stored Ardmore (OK)
557	22749	-168B	HZ-AII	Saudi Arabian Airlines	Stored Jeddah
558	22794	-228BF	F-GCBF	Ocean Airlines	Broken-up Hong Kong 2009
559	22711	SR-81F	EK-74711	Vertir Airlines	Stored Payam
560	22750	SP-68	HZ-HM1C	Saudi Arabian Royal Flight	Active
561	22768	-2U3BF	N922FT	Tradewinds Airlines	Written-off Medellin 06jun06
562	22769	-2U3BF	N923FT	Wells Fargo Bank	Stored Oscoda (MI)
563	22725	-219B	VP-BQC	Transaero Airlines	Stored Rome-Griffiths (NY)
564	22805	SP-09	N4522V	Global Peace One Aviation	Stored Tijuana
565	22366	-270C	YI-AGP	Iraqi Airways	Stored Tozeur
566	22872	-267B	VP-BPX	Transaero Airlines	Stored Rome-Griffiths (NY)
567	22858	SP-70	YI-ALM	Government of Iraq	Stored Tozeur
568	22791	-219B	VP-BQH	Transaero Airlines	Stored Rome-Griffiths (NY)
569	22939	-228F	F-GCBG	Air France	Stored Vatry
570	22704	-357	N270BC	First Security Bank	Broken-up Marana (AZ) 2011
571	22989	-246F	N746CK	Kalitta Air	Stored Oscoda (MI)
572	22712	SR-81	N248BA	Boeing Aircraft Holding Co.	Broken-up Opa Locka (FL) '06

573	22870	-3B3	F-GDUA	UTA	Written-off Paris-CDG 16mar85
574	22671	-230BF	TF-ARL	Air Atlanta Icelandic	Stored Kuala Lumpur
575	22969	-243B	N73717	Boeing Aircraft Holding Co.	Broken-up Goodyear (AZ) 2007
576	22705	-357	N705BC	First Security Bank	Broken-up Marana (AZ) 2011
577	22970	-344	TF-ARU	Air Atlanta Icelandic	Broken-up Manston 2013
578	22971	-344	D2-TEC	TAAG Angola Airlines	Stored Johannesburg
579	22990	-246BF	N700CK	Kalitta Air	Stored Oscoda (MI)
580	23026	-312	N792BA	Boeing Aircraft Holding Co.	Broken-up Marana (AZ)
581	22991	-246B	N749UN	Wells Fargo Bank	Stored Rome-Griffiths (NY)
582	23048	-267B	LV-AZF	Southern Winds	Broken-up Manston 2015
583	23027	-312	ZS-SAJ	South African Airways	Broken-up Johannesburg 2009
584	23028	-312	TF-AMK	Air Atlanta Icelandic	Broken-up Kuala Lumpur 2011
585	22995	-357	N747GT	US Bank Trustee	Broken-up Marana (AZ) 2007
586	22996	-357	TF-ARS	Saudi Arabian Airlines	Written-off Dhaka 25mar03
587	23056	-306M	HS-VAC	Phuket Airlines	Broken-up Cairo 2015
588	23067	-346	HS-UTW	Orient Thai Airlines	Stored Bangkok-Don Mueang
589	23068	-346	N818SA	Southern Air	Broken-up Mojave (CA)
590	23029	-312	N793BA	Boeing Aircraft Holding Co.	Broken-up Marana (AZ)
591	23071	-2J6BF	G-MKHA	MK Airlines	Stored Kuala Lumpur
592	23070	-3G1	HZ-HM1A	Saudi Arabian Royal Flight	Active
593	23030	-312	TF-AMJ	Air Atlanta Icelandic	Broken-up Wilmington (OH) '13
594	23111	-251BF	4L-GEM	Geo Sky	Active
595	23112	-251BF	N790CK	Kalitta Air	Stored Oscoda (MI)
596	23120	-267BF	N2868R	Wells Fargo Bank	Broken-up Kemble 2010
597	22472	-2D7BF	N528MC	Atlas Air	Stored Roswell (NM)
598	23031	-312	ZS-SAC	South African Airways	Stored Johannesburg
599	23149	-346	HS-UTN	Orient Thai Airlines	Broken-up Jakarta 2014
600	23137	-306M	HS-UTK	Orient Thai Airlines	Stored Udon Thani
601	23150	-146B	5U-ACF	Logistic Air	Broken-up Kuala Lumpur
602	23222	-338	N747ZZ	Midair USA	Broken-up Rome-Griffiths '10
603	23032	-312	TF-AME	Air Atlanta Icelandic	Broken-up Kemble 2015
604	23138	-281F	N758SA	Southern Air	Stored Mojave (CA)
605	22487	-3B5	HL7468	Korean Air	Written-off Guam 06aug97
606	23223	-338	VH-EBU	QANTAS	Stored Avalon
607	23151	-346	HS-UTV	Orient Thai Airlines	Stored U-Tapao
608	23139	-281F	ER-BBS	Continental Airways	Stored Jakarta
609	23033	-312	HS-VAB	Phuket Airlines	Stored Jakarta
610	23224	-338	XT-DMA	CentrAfrique Air Express	Stored Ras-al-Khaimah
611	22489	-3B5	HS-UTL	Orient Thai Airlines	Stored Phitsanulok
612	23243	-312	F-HJAC	Air Atlanta Icelandic	Broken-up Chateauroux 2008
613	23300	-243BF	N517MC	Atlas Air	Broken-up Mojave (CA)
614	23286	-230BF	N487EV	Evergreen International Airlines	Broken-up Marana (AZ) 2018
615	23221	-367	AP-BFW	Pakistan International Airlines	Broken-up Karachi 2013
616	23262	-368	HZ-AIK	Saudi Arabian Airlines	Stored Jeddah
617	23287	-230BF	N488EV	Evergreen International Airlines	Stored Oscoda (MI)
618	23301	-243B	TF-ARO	Air Atlanta Icelandic	Broken-up Marana (AZ) 2007
619	23263	-368	HZ-AIL	Saudi Arabian Airlines	Stored Jeddah
620	23264	-368	HZ-AIM	Saudi Arabian Airlines	Stored Jeddah
621	23244	-312	N196AT	Wells Fargo Bank	Broken-up Goodyear (AZ) 2008
622	23265	-368	HZ-AIN	Saudi Arabian Airlines	Stored Jeddah
623	23350	-281F	9V-JEB	Jett8 Airlines Cargo	Stored Singapore
624	23266	-368	HZ-AIO	Saudi Arabian Airlines	W/o Kuala Lumpur 23aug01
625	23348	-230F	N976RB	Dow Aero Logistics	Broken-up Mojave (CA)
626	23245	-312	HS-VAN	Saudi Arabian Airlines	Stored Jakarta
627	23394	-341SF	N789SA	Southern Air	Stored Mojave (CA)
628	23461	-2J6BF	B-2448	Uni-Top Airlines	Stored Wuhan
629	23395	-341F	N355MC	Atlas Air	Stored Mojave (CA)
630	23267	-368	HZ-AIP	Saudi Arabian Airlines	Stored Jeddah
631	23268	-368	HZ-AIQ	Saudi Arabian Airlines	Stored Jeddah
632	23413	-3B3	EP-MND	Mahan Air	Stored Tehran
633	23393	-230BF	N489EV	Evergreen International Airlines	Broken-up Marana (AZ) 2018
634	23392	-367	AP-BFU	Pakistan International Airlines	Stored Karachi
635	23389	-246BF	N798SA	Southern Air	Broken-up Mojave (CA)
636	23390	SR-46	HS-UTQ	One-Two-Go by Orient Thai	Broken-up Bangkok 2010
637	23409	-312F	B-KAB	Dragonair	Broken-up Victorville (CA)
638	23408	-338	N176SG	Bank of Utah	Broken-up Kemble 2015
639	23407	-230B	SX-TIA	Hellenic Imperial Airways	Broken-up Marana (AZ) 2008
640	23482	-346	VP-BGU	Transaero Airlines	Stored Moscow-Domododovo
641	23480	-3B3	EP-MNE	Mahan Air	Stored Tehran



This B747-300 was built for Singapore Airlines and delivered as 9V-SKP in March 1987. It was sold to Dragonair of Hong Kong and converted into a B747-312F freighter. It started its cargo flights as B-KAA in April 2001 and continued as such until 2008. The Dragon was then withdrawn from use and stored at Victorville. It was broken up there in January 2015. (Schiphol, 16 May 2004, Gert Jan Mentink)

642	23547	-251B	5N-MAD	Kabo Air	Stored Kano
643	23269	-368	HZ-AIR	Saudi Arabian Airlines	Stored Jeddah
644	23548	-251B	5N-DKB	Kabo Air	Stored Lagos
645	23270	-368	HZ-AIS	Saudi Arabian Airlines	Stored Madinah
646	23439	-329F	N3439F	Aircraft 23439 Inc.	Broken-up Marana (AZ)
647	23476	-243BF	N820SA	Southern Air	Broken-up Mojave (CA) 2015
648	23501	-281B	SX-TIC	Hellenic Imperial Airways	Stored Karachi
649	23502	-281B	SX-TID	Hellenic Imperial Airways	Stored Athens
650	23600	-3H6	B-KAC	Dragonair	Broken-up Victorville (CA)
651	23549	-251B	5N-JRM	Kabo Air	Stored Kano
652	23271	-368	HZ-AIT	Saudi Arabian Airlines	Stored Jeddah
653	23410	-312	D2-TEA	TAAG Angola Airlines	Stored Johannesburg
654	23391	-246F	N704CK	Kalitta Air	Stored Oscoda (MI)
655	23637	-146BSUD	HS-UTM	One-Two-Go by Orient Thai	Broken-up Bangkok
656	23611	-228F	F-GCBH	Ocean Airlines	Broken-up Chateauroux 2011
657	23508	-306SCD	PZ-TCM	Surinam Airways	Stored Marana (AZ)
658	23638	-346	5N-BMG	Max Air	Stored Lagos
659	23534	-367	AP-BFV	Pakistan International Airlines	Stored Karachi
660	23621	-230F	TF-ARR	Air Atlanta Icelandic	Written-off Sharjah 07nov04
661	23676	-228B	F-WQAJ	Mahan Air	Stored Kerman
662	23688	-338	VH-EBX	QANTAS	Broken-up Marana (AZ) 2012
663	23509	-230B	SX-TIE	Hellenic Imperial Airways	Stored Karachi
664	23639	-346	HS-UTO	Orient Thai Airlines	Stored Jakarta
665	23622	-230B	SX-TIB	Hellenic Imperial Airways	Broken-up Jakarta 2016
666	23769	-312F	B-KAA	Dragonair	Broken-up Victorville (CA)
667	23698	-281BF	EK-74798	Veteran Avia	Written-off Abuja 04dec13
668	23640	-346	VP-BGY	Transaero Airlines	Stored Bruntingthorpe
669	23652	-21AC	SX-ASC	Aerospace One	Stored Sharjah
670	23746	-2J6BF	B-2450	Uni-Top Airlines	Stored Wuhan
671	23709	-367	AP-BFX	Pakistan International Airlines	Broken-up Karachi 2011
672	23711	-236BF	4L-GEO	The Cargo Airline	Active
673	23736	-222BF	4L-GEL	The Cargo Airline	Stored Tblisi
674	23735	-236BSF	N217RJ	Bank of Utah	Broken-up Marana (AZ)
675	23737	-222BF	N794CK	Kalitta Air	Stored Oscoda (MI)
676	23610	SP-Z5	A9C-HAK	Government of Bahrain	Stored?
677	23799	-236B	G-BDXO	European AirCharter	Broken-up Amsterdam 2005
678	23823	-338	XT-SAG	CentrAfrique Air Express	Stored Jeddah
679	23824	VC-25A	82-8000	United States Air Force	Active
680	23887	-251F	N639US	Northwest Airlines	Stored Rome-Griffiths (NY)
681	23721	-3D7	N721RR	Unical Aviation Inc.	Stored Roswell (NM)
682	23888	-251F	N791CK	Kalitta Air	Stored Oscoda (MI)
683	23813	-281BF	ER-BAT	Fly Pro	Stored
684	23641	-246F	N723SA	Southern Air	Broken-up Mojave (CA)
685	23825	VC-25A	92-9000	United States Air Force	Active
686	23751	-357	D2-TEB	TAAG Angola Airlines	Stored Johannesburg

687	23864	-267F	B-HVZ	Cathay Pacific Airways	Broken-up Victorville (CA)
688	23722	-3D7	N722RR	Unical Aviation Inc.	Stored Roswell (NM)
689	23919	-281F	N691SR	Agneet Sky Limited	Stored?
690	23920	-367	AP-BFY	Pakistan International Airlines	Stored Karachi
691	23969	-346	N768CK	Kalitta Air	Stored Oscoda (MI)
692	23967	-346	5N-DDK	MaxAir	Stored
693	23968	-346	5N-DBM	MaxAir	Stored
694	24018	-346	5N-MBB	MaxAir	Stored
695	24019	-346	VP-BGW	Transaero Airlines	Stored Moscow-Domododovo
697	24088	-236B	TF-ATZ	Air Atlanta Icelandic	Stored Kuala Lumpur
698	24067	-228B	N716SA	Southern Air	Stored Mojave (CA)
699	24071	-256BF	N110TR	Triton Aviation Service	Stored Oscoda (MI)
701	24106	-341	EC-IOO	Pullmantur Air	Stored Roswell (NM)
702	24107	-341	TF-ATI	Saudi Arabian Airlines	Broken-up Victorville (CA) '11
703	24108	-341	TF-ATJ	Air Atlanta Icelandic	Stored Walnut Ridge (AR)
704	24161	-366M	N161JT	JT Power Optimus Prime	Broken-up Cairo 2006
706	24138	-230F	N490EV	Evergreen International Airlines	Broken-up Marana (AZ) 2018
707	24162	-366M	N126JT	JT Power Optimus Prime	Broken-up Cairo 2006
709	24215	-367	AP-BGG	Pakistan International Airlines	Stored Karachi
710	24177	-212F	N792CK	Kalitta Air	Stored Oscoda (MI)
711	24159	-337	VT-EPW	Air India	Stored Mumbai
712	24134	-21AC	EP-ICD	Iran Air	Stored Tehran
713	24194	-3B5F	N749SA	Southern Air	Broken-up Mojave (CA)
714	24158	-228F	OO-CBA	Cargo B Airlines	Broken-up Brussels 2011
716	24156	-346	VP-BGX	Transaero Airlines	Stored Bruntingthorpe
718	24195	-2B5F	N704SA	Southern Air	Stored Mojave (CA)
719	24160	-337	VT-EPX	Air India	Broken-up Kemble 2009
720	24196	-2B5F	N708SA	Southern Air	Stored Mojave (CA)
724	24359	-268F	HZ-AIU	Saudi Arabian Airlines	Stored Jeddah
750	24399	-281BF	4L-GNK	Air Georgia	Stored Tblisi
752	24308	-209F	B-KAD	Dragonair	Broken-up Victorville (CA)
772	24735	-228F	A6-MDH	Midex Airlines	Stored Sharjah
776	24568	-267F	B-HVX	Cathay Pacific Airways	Stored Victorville (CA)
810	24837	-329F	EW-465TQ	Transaviaexport Airlines	Active
814	24960	-2J6F	B-2462	Uni-Top Airlines	Stored Wuhan
818	24576	-281F	EP-FAA	Fars Air Qeshm	Active
822	24879	-228F	A6-MDI	Midex Airlines	Stored Sharjah
878	25266	-228F	A6-MDG	Midex Airlines	Stored Sharjah
886	25171	-281F	EP-FAB	Fars Air Qeshm	Active



Probably the most iconic classic Queen of the Skies are the two VC-25As of the USAF, commonly known as Air Force One. 92-9000 was handed over to the air force on 20 December 2009 and used for transport of POTUS ever since. In the coming years the two planes will be replaced by two VC-25Bs, which are based on the B747-8. (Zürich, 25 January 2018, Anton Homma)

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Jeroen Jonkers visited Ramstein AB on 18 June 2020 and photographed one of the local C-130Js on its departure. C-130J-30 15-5831 is one of around fourteen Hercules transporters assigned to the 37th AS 'Blue Tail Flies', part of the 86th AW. Interestingly the last four of its serial is identical to its construction number



A more interesting visitor to Ramstein was this United States Navy C-130T 165313/AX-313. Not visible on the aircraft is its unit, however the AX code indicates it is assigned to VR-53 'Capital Express', a unit based at NAF Washington/Camp Springs (MD). (18 June 2020, Jeroen Jonkers)



The Blue Angels were in desperate need for a new transport and support aircraft and a cheap option was to buy a former RAF C-130J Hercules. Seen here departing Cambridge is the new 'Fat Albert' 170000 (ex RAF ZH885) in its new slightly adjusted paintjob compared to the old paint-scheme. Alas, also a thing of the past will be the mighty popular and noisy JATO-rockets take-off. (20 July 2020, Martin Fox)



Qantas recently retired their Boeing 747 'Queen of the Skies' aircraft and commemorated the event with three Joy Flights (out of Sydney, Brisbane and Canberra) and a final ceremony on 24 July. Jason Wong provided us with a series of stunning pictures and we chose the ones with a water salute at Sydney-Kingsford Smith (NSW) before its departure and a flyby over the Sydney Harbour.

