

507
August 2021

Scramble



SATER 1/2021

***An Arsenal of Airpower, Deferred
International Anatolian Eagle 2021***

Yugoslav & Serbian Military Aircraft Designations

D U T C H A V I A T I O N S O C I E T Y



Boeing 737 D-ABKM of TUI fly Germany flew in the colours of Eurowing until last May. Since then it flies in special TUI BLUE colours to promote the hotel chain of this tour operator. (Frankfurt-Main, 7 July 2021, Anton Homma)



It is not hard to guess who the previous operator of Boeing 747 ER-BBE was. Even the Cargo part of the titles are the one of Thai Airways International. Since may the freighter is operated by Aerotranscargo of Moldova and according the small titles on the nose, powered by Exclusive Global Sales Agent. (Liège, 19 June 2012, Jochem Jottier)



It is not only (exotic) bizjets at Geneva. Antonov 124 RA-82043 of Volga-Dnepr visited the airport on 6 and 7 July 2021. It came in from Abu Dhabi and departed the next day to Hahn. (7 July 2021, Robert Erenstein)

Editorial

The last couple of weeks the weather has not been the best in the Netherlands, and even on the day this Scramble was made it can best be summed up as: miserable.

That did not stop us from producing another issue, packed with the usual sections and four articles: SATER 1/21, An Arsenal of Airpower, Deferred, International Anatolian Eagle 2021 and Yugoslav & Serbian Military Aircraft Designations.

SATER is a report on this year's first edition of the Italian national search and rescue (SAR) exercise SATER, held on 23 June. It was provided by Marco Muntz. An Arsenal of Airpower deals with a gathering of about sixty warbirds, who all came to either Culpeper Regional Airport (VA) or Manassas Regional Airport (VA), on 25 September 2020. Haagen Klaus provided the article for us. Anatolian Eagle (written by Marijn van der Burgt) was visited by many aviation enthusiasts and we have a nice report on the famous Turkish exercise, held at Konya. Many interesting and exotic visitors participated in the exercise, from countries as Qatar, Azerbaijan, and Pakistan. The Yugoslav and Serbian article was compiled by our very own Wim Sonneveld, and he explains how the system came to be.

Sadly this month we have to say goodbye to Mister Scramble himself, Stephan de Bruijn. Having been involved for the society from pretty much the beginning, he was involved in the shop (when we still had it), editor for the US forces, instrumental in getting us ready for the 21st century (switching to the English language, an at the time unpopular decision but it meant the survival of the magazine!) and being the driving force behind the new website and the social media channels. He will now pursue his other many interests and we thank him for decades of service to the Blue Bible, Scramble!

Cover Photo



No, this E-4B is not landing at Brussels for the NATO Summit in June, but at Singapore-Changi instead. This captures the unique and huge satnav bulge on the majestic aircraft 74-0787. (21 July 2021, Hans Jacobs)

Important dates

Scramble 508	
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SMS Europe 2021	138 pages
Scramble World Airline Fleets 2020	246 pages
Scramble F-16 Fighting Falcon - 6th edition	244 pages
Scramble Military Transports 2020	88 pages
SMS North America 2019-2020	183 pages

Movements Netherlands



A well known frame to the European spotters as this Gulfstream G200 was previously being operated with registrations OE-HFC and HB-JKD. The aircraft is residing in Colombia as HK-4907 since December 2012, being operated by Servicio Aéreo de Capurganá (Searca). (Amsterdam - Schiphol, 24 June 2021, Robert Eikelenboom)

Amsterdam - Schiphol

June 2021			
01. 9H-ANS	Global 6000	Alliance Executive Jet	02 ALE75X
9H-VJZ	Global 6000	VistaJet Malta	03 VJT981
D-ACVG	A330-343EF	DHL	dep BCS1239
D-AIRG	ERJ135BJ	Air Hamburg	dep AHO769R
D-IGWT	Ce525A	Sylt Air	AWU701G
HB-FVD	PC-12/47E	Air-Corviglia	
LN-AWC	Lj45	Airwing	dep NWG11
LX-FLH	PC-12/47NGX	Jetfly Aviation	JFA02D/08U
M-SETT	Global 5000	Lodging 2020	dep
N515TJ	Beech 400A	Blackburn Int'l	
OE-FZC	Ce510	GlobeAir	GAC970C/869D
OY-SWO	Falcon 2000S	Blackbird Air	BBB5
VP-BHM	B757-222F	E-Cargo (a/w)	dep ERF9403
02. 027	C295M	8.BLT (13.el)	f/v PLF044
CS-LTP	Ce680A	Netjets Europe	f/v 03 NJE3HZ/635M
D-BEER	EMB550	Air Hamburg	f/v 03 AHO469M
D-CAWO	Ce560XLS+	Aerowest	
D-CHLR	EMB505	Atlas Air Service	05 ATL9K
D-IGWT	Ce525A	Sylt Air	04 AWU702G/704G
EC-LUX	A330-302	Iberia	f/v IBE3062/3
EC-NLJ	A321-231	Privilege Style	f/v PVG3135
F-HSFJ	Ce680A	Aston Jet	ASJ150
G-ZBJF	B787-8	British Airways	BAW430/1
HA-FAY	B737-429F	ASL Airlines	BCS15Q/1444
HB-VTW	Ce525	Transwing	FSE1C
N66D	Ce510	Heilko Gerhard Sauer	
N834AA	B787-9	American Airlines	f/v AAL220/1
OE-GWS	Ce560XLS+	Avcon Jet	dep AOJ29L
OK-MAR	Ce525A	Aero Partner	DFC4ZE
OO-ABA	A340-313E	Air Belgium	SLM3004/993
OO-PAS	EC135P3H	Heli Business	f/v
OY-CLP	Ce650	North Flying	03 NFA063P/064
TC-LJL	B777-FF2	Turkish Cargo	THY6201
UK67002	B767-33PERF	Uzbekistan Airways	UZB3587/8
03. CS-TVJ	A320-251N	TAP Air Portugal	f/v TAP672/1
D-AJHW	ERJ190LR	German Airways (a/w)	AFR1436/7
D-CAHO	Ce560XLS+	Air Hamburg	04 AHO498X
D-CMXM	EMB505	Air Hamburg	AHO216P/239X
D-IBCG	Ce525A	ProAir	04
D-IBET	Ce525A	ProAir	f/v
G-ZBJB	B787-8	British Airways	BAW430/1
M-SSYS	Ce525C	Fimway	05
N559FF	G650ER	Solairus Aviation	09 TWY801
OO-ABA	A340-313E	Air Belgium	SLM994/3003
OO-MMT	Ce560XLS	Air Service Liège	05
OO-SRO	B737-86N	TUI Belgium	04 JAF058F/TFL691
PH-JRC	ERJ135BJ	JetNetherlands	04
SE-RMB	Ce525B	Royalair	dep
TC-LJN	B777-FF2	Turkish Cargo	THY6434
TC-SPB	VP-BHM		
04. 9A-JSD	Ce525A		
D-IBET	A320-214		
ES-SAQ	Beech 400A		
HA-YFJ	Ce560XLS+		
I-CNDG	PC-12/47E		
LX-JFX	Falcon 900DX		
LX-SAB	A330-941		
N402DX	G-IV		
N685MF	PC-12/47E		
OO-JWB	Ce560XL		
OO-MLG	Ce510		
OO-SUN	Do328-310		
OY-NCT	Ce525B		
SE-RMB	B737-8MC		
VP-BKN	A321-231		
YL-LCV	Ce560XLS		
YU-SPB	Falcon 2000EX		
05. L1-01	CL-850		
9H-AMY	Ce650		
CN-SRA	ERJ190LR		
D-AJHW	EMB550		
D-BEER	Ce560XLS+		
D-CPSH	A330-302		
EC-LZX	PC-12/47E		
LX-JFX	Falcon 8X		
LX-LXL	EMB505		
N324JS	Beech C90A		
PH-ZBZ	Global 6000		
PS-UQN	A350-1041		
06. B-LXO	CL-604		
D-AAAY	Global 7500		
D-APLC	Ce680A		
D-CAWN	Ce560XLS+		
D-CSUN	Ce525A		
D-IBCG	Ce525A		
D-IGWT	Ce510		
G-FFFC	PA-31T		
HA-EFD	B767-34GER		
JU-1021	Global Express		
N90FX	Beech 400A		
OK-ESC	Falcon 2000S		
OY-SWO	Ce560XLS		
OO-SKS	EC135P2+		
PH-WTG	EMB505		
T7-MSP	B737-8		
YR-MXB	ERJ190LR		
07. D-AJHW	EMB505		
D-CLIF	Lj45		
D-CQAB			
Sun Express	f/v SXS540/1		
E-Cargo (a/w)	ERF9472/5		
Jung Sky	JSY045D/046D		
ProAir	05		
Smartlynx Est. (a/w)	dep MYX9772		
Fly-Coop	FCA1FJ/2FJ		
Sardinian Sky Service	05 SSR213		
Jetfly Aviation	JFA07J/37P		
Global Jet Lux.	dep SVW56AB		
Delta Air Lines	05 DAL262/9887		
	05		
Blue Sky Aviation			
Abelag Aviation	AAB912		
Air Service Liège			
Sun-Air	SUS9031/431		
Royalair	08		
Aeroflot	f/v AFL2550/1		
Smartl. Al(a/w)	26 ART9771/TFL565		
Prince Aviation			
Slovenia Government	LSV101		
Air X Charter	AXY502/517		
Sarah Airways			
German Airways (a/w)	AFR1236/7		
Air Hamburg	AHO522Y		
Heron Aviation	06 HRN221		
Iberia	IBE3060/1		
Jetfly Aviation	06 JFA38Q/10M		
Global Jet Lux.	f/v 06 SVW51XL		
Jetsuite Air	f/v		
Zeusch Aviation	06		
Robferma	f/v 08		
Cathay Pacific	f/v CPA271/0		
Air Independence			
ACM Air Charter	07 BVR10		
Aerowest	07		
Air Hamburg	07 AHO460Q/490R		
ProAir			
Sylt Air	AWU706G 2x		
Ce510	SYG320		
Fly-Coop	FCA1FD/2FD		
Mongolian Airlines	MGL3143/4		
FlexJet	07 LXJ90		
Time Air	07 TIE583S/538S		
Blackbird Air	BBB1		
Avlag Aviation	AAB912		
HeliCentre			
Tulip Wings	09		
Blue Air	f/v BLA199/200		
German Airways (a/w)	AFR1236/7		
Spree Flug			
Quick Air	QAJ2		

D-IBCG	Ce525A	ProAir		OE-FUX	Ce525A	Bairline	
D-ITRA	Ce525	Transavia Flug	2x	OE-FZC	Ce510	GlobeAir	GAC046S/595Y
F-GZHB	B737-8GJ	Transavia France	10 TVF074/5	OO-ABB	A340-313E	Air Belgium	SLM994/3003
G-ZBKM	B787-9	British Airways	BAW430/1	OO-ACO	Ce510	Air Service Liège	11
LX-JAG	ERJ135BJ	Global Jet Luxembourg	SVW49AG	OO-CYN	EMB550	Air Service Liège	f/v
OK-RLV	G280	Avcon Jet	08	OO-XLS	Ce560XLS+	Air Service Liège	11
OK-XLS	Ce560XLS+	Silesia Air	SUA771/2	SE-RMB	Ce525B	Royalair	14
OY-CLP	Ce650	North Flying	NFA061/P	11. D-CAHO	Ce560XLS+	Air Hamburg	AHO498X/445C
SX-SHC	CL-605	Gain Jet	f/v 11 GNJ67	D-IAAR	EMB500	Arcus Air	AZE39GL/33GL
TC-NCO	A320-251N	Pegasus Airlines	f/v PGT1251/2	D-IJOA	Ce525A	Excellent Air	ECA8C
VN-A895	A350-941	Vietnam Airlines	HVN301/5138	D-IKCG	Ce525A	ProAir	
VP-BKK	B737-8LJ	Aeroflot	f/v AFL2550/1	D-INKY	P180	AirGo	XGO3AM/3E
08. D-CBBS	EMB505	Pad Aviation	PVD65R/66D	N515TJ	Beech 400A	Blackburn Int'l	
D-FWIT	PC-12/47E	Jetfleet	f/v PAV12	N600J	G550	Johnson & Johnson	
D-IGWT	Ce525A	Sylt Air	09 AWU708G/709G	OE-GAG	Lj75	Int'l Jet Management	f/v 12 IJM566
D-ILWP	Ce525A	Excellent Air	ECA7C	OK-HAR	Ce560XL	Aero Partner	DFC2QD
EC-NLU	B737-4Q8F	West Atlantic / DHL	f/v BCS15Q/38L	OO-ACO	Ce510	Air Service Liège	
G-VTLY	Global 6000	Gama Aviation	f/v GMA865	UR-CSV	B737-4K5	Jonika (n/t)	UBD423/4
G-ZBKK	B787-9	British Airways	BAW430/1	UR-EMG	ERJ195AR	Ukraine Int'l	AUI3758/9
LX-JFK	PC-12/47E	Jetfly Aviation	JFA34L/36N	12. V-11	G-IV	334sq	13 NAF13
N769F	Global 7500	Fertitta Enterprises	f/v 10	D-AJHW	ERJ190LR	German Airways (a/w)	AFR1236/7
N28987	B787-9	United Airlines	f/v UAL909/8	D-IOBB	Ce525	OBO Jet Charter	
OY-WLD	G500	Blackbird Air	BBB1	EC-LYF	A330-302	Iberia	IBE3060/1
09. L1-01	Falcon 2000EX	Slovenia Government	LSV101	F-HSFJ	Ce680A	Aston Jet	ASJ145
9H-MAF	Global 7500	Hyperion Aviation	f/v 10 HYP008	G-FFFC	Ce510	Synergy Aviation	FGY320
9H-VCJ	CL-350	VistaJet Malta	VJT492	HB-GLS	Beech B200	Lions Air Skymedia	LEU101
D-CAGA	EMB505	Pad Aviation	PVD18F/14G	OE-FMU	Ce525	Pink Sparrow	SOW1
D-CLIF	EMB505	Spree Flug		OK-RLV	G280	Avcon Jet	
D-CSCB	Ce560XLS+	Silver Cloud Air	SCR187	SE-RIL	Ce560XLS	Svenskt Industriflyg	13 JET7
D-FUNC	Ce208B	IAS Itzehoer Airservice	FNK2	UK67001	B767-33PERF	Uzbekistan Airways	UZB3579/80
EC-LZJ	A330-302	Iberia	IBE3062/3	13. 9H-JAD	CL-850	Air X Charter	14 AXY1305/1405
F-HIBF	Ce510	Aston Jet	ASJ298	B-2022	B777-39PER	China Eastern	f/v 14 CES771/2
F-HVYC	Ce560XLS+	Lyreco		D-ARMY	ERJ135BJ	Air Hamburg	14 AHO22B/A
G-ZBJC	B787-8	British Airways	BAW430/1	D-BOOM	CL-300	Windrose Air	QGA181H/167H
LX-SAB	Falcon 900DX	Global Jet Lux.	10 SVW56AB	D-CEHM	Ce560XLS+	Silver Cloud Air	14 SCR021
N77UF	Global XRS	Fertitta Entertainment	10	D-CGER	Ce525B	Excellent Air	ECA12C
N350NP	CL-350		f/v 10	D-CMMP	EMB505	Luxavn Germany	14 PVD47U/86C
OE-FDT	Ce510	GlobeAir	10 GAC869E/477N	D-IGWT	Ce525A	Sylt Air	AWU713G
OE-FUX	Ce525A	Bairline	10	D-INOB	Ce525A	Atlas Air Service	ATL3Z 2x
OO-ABB	A340-313E	Air Belgium	SLM3004/993	F-HBLQ	ERJ190STD	Air France – HOP	f/v AFR1820/1
OO-JWB	PC-12/47E	Blue Sky Aviation	10	JU-1021	B767-34GER	Mongolian Airlines	MGL3143/4
OO-SBO	Falcon 8X	Flying Service	FGY11S/12S	LX-SAB	Falcon 900DX	Global Jet Lux.	14 SVW56AB
OY-JJJ	Raytheon 4000	Sun Air	SUS451A/B	N222DD	SR22T	Int'l Air Services	16
10. D-AJHW	ERJ190LR	German Airways (a/w)	AFR1436/7	N821AN	B787-9	American Airlines	f/v AAL220/1
D-CGER	Ce525B	Excellent Air	ECA12C	OK-KIN	Ce525B	Aero Partner	DFC3PF
D-IEGA	Ce525A	ProAir	11	OO-AMR	Ce525A	Air Service Liège	
D-IGWT	Ce525A	Sylt Air	11 AWU710G/711G	OO-SBO	Falcon 8X	Flying Service	FGY13S/14S
D-ISUN	Ce525A	Excellent Air	11 ECA5C	OO-XLS	Ce560XLS+	Air Service Liège	14
G-ZBJB	B787-8	British Airways	BAW430/1	SX-DNH	A321-231	Aegean Airlines	f/v AEE626/7
LX-JFV	PC-12/47E	Jetfly Aviation	JFA42U/31H	TC-LJP	B777-FF2	Turkish Cargo	THY6293/4
M-IFFY	Ce510	Xead Aviation	13	14. D-AJHW	ERJ190LR	German Aw (a/w)	AFR1236/7/1436/7
N129NS	G-IVSP	Global Air Charters	11 GJE1209	D-AVIB	ERJ135BJ	Air Hamburg	15 AHO814U
N350NP	CL-350		11	D-CEFE	Ce525C	Eisele Flugdienst	EFD4E/444
N965AP	Cirrus SF50	Vision Jet	f/v	D-CEHM	Ce560XLS+	Silver Cloud Air	18 SCR021
OE-FRS	Ce525A	Pink Sparrow	SOW3	D-CHMS	PC-24	Platoon Avn	f/v 15 BTX14P/15VE



PS-UQN is a Bombardier BD-700-1A10. During test flying in Canada, this Global 6000 was temporarily registered C-GGWA. It is registered to Robferma Administracao E Participacoes Ltda in Sao Paolo. This is a holding company for several companies in the pharmaceutical field like Sertrading. (Amsterdam - Schiphol, 6 June 2021, René Verschuur)



Global 7500 9H-MAF was factory fresh delivered to Hyperion Aviation in July 2019. (Amsterdam - Schiphol, 10 June 2021, Robert Eikelenboom)

D-CMMP	EMB505	Luxaviation Germany	PVD44W/89E	D-CKHG	Ce560XLS	Windose Air	QGA004A
D-IEGA	Ce525A	ProAir		D-CLBM	EMB505	Liebherr Aerospace	18 LHB2
D-INCS	Ce525	Jetkontor	JKH321	D-ITAN	Ce525	Transavia Flug	
G-CLAA	B747-446F	CargoLogic Air	15 CLU5296/5366	G-ZBJE	B787-8	British Airways	BAW430/1
HA-JEX	Ce650	Jet Stream	JSH661/0	HA-YFK	Beech 400	Jetstream Air	18 FCA2FK/1FK
LX-JFV	PC-12/47E	Jetfly Aviation	JFA89R	LX-SAB	Falcon 900DX	Global Jet Lux.	18 SVW56AB
M-IFFY	Ce510	Xead Aviation	16	N134EC	P180	Fly Invest	f/v
OE-FAA	HA-420	The Flying Bulls		N216B	Beech 350i		f/v
OH-JFB	PC-12/47E	Fly 7 Executive Aviation	f/v 15	N458FS	CL-350	Frank Sloodman	29
OO-DOB	Falcon 900LX	Flying Service	15 FYG42B/73B	N800J	G650ER	Johnson & Johnson	
OO-XLS	Ce560XLS+	Air Service Liège	17	OE-FZB	Ce510	GlobeAir	GAC365W/258F
SE-RMB	Ce525B	Royalair	15 2x	OE-FZC	Ce510	GlobeAir	18 GAC122D/900G
UR-EMG	ERJ195AR	Ukraine Int'l	AUI3767/8	OE-HDU	CL-300	Sparfell Luftfahrt	LDX15
VN-A895	A350-941	Vietnam Airlines	HVN301/5138	OO-ABA	A340-313E	Air Belgium	SLM994/3003
VP-BGG	B737-8LJ	Aeroflot	f/v AFL2550/1	OO-JWB	PC-12/47E	Blue Sky Aviation	
15.D-AJET	ERJ135BJ	Air Hamburg	16 AHO769R/877E	OO-XLS	Ce560XLS+	Air Service Liège	
D-IAIO	Ce550	Fair Air	f/v 17 MCK302	PH-JRC	ERJ135BJ	JetNetherlands	
D-ILCG	Ce525A	ProAir		YU-MPC	Ce525	MPC Holding	20
F-WWQA	Falcon 8X	Dassault Aviation		18.2-RAYS	Eclipse 550	Evradale	f/v 20
G-FHFX	EMB550	Flexjet	f/v 16 FLJ61H	D-AVOS	ERJ135BJ	Air Hamburg	f/v 19 AHO779C
HA-BES	BAe125-850XP	Fly-Coop	FCA1ES/2ES	D-BSUN	Do328-310	Sun-Air	SUS9060/460
LX-JFR	PC-12/47E	Jetfly Aviation	JFA97Z	D-CAHO	Ce560XLS+	Air Hamburg	19 AHO324W
N2E	G650ER	SNAP		F-HCEQ	HA-420	EATIS	f/v
OE-FHK	Ce510	GlobeAir	16 GAC484T/737U	G-KION	Ce525	Apex Global	20
OE-FRM	Ce510	GlobeAir	16 GAC476U/365V	I-TOPF	Beech 400A	Topjet Executive	f/v 20 TJD403
PT-MUE	B777-32WER	LATAM	16 TAM9554/5	LX-JFR	PC-12/47E	Jetfly Aviation	JFA64A/19F
SE-RMB	Ce525B	Royalair	19	OO-VIF	DA-62	Fly Europ	f/v
16.D-CKHG	Ce560XLS	Windose Air	QGA004A	OO-WEG	CL-350	Abelag Aviation	AAB960
D-IAAY	EMB500	Arcus Air	17 AZE33HL/19WA	PT-MUI	B777-32WER	LATAM	19 TAM9554/5
D-ILCG	Ce525A	ProAir		SP-TTA	Beech 400A	Smart Jet	SAH59P
D-IPVD	Ce525A	Transavia Flug	2x	UR-CSV	B737-4K5	Jonika (n/t)	UBD423/4
EC-LUX	A330-302	Iberia	IBE3062/3	VP-BDE	A330-343E	Aeroflot	AFL2550/1
F-HJLP	EMB550	Air TNB / Luxwing	f/v	19.D-AJHW	ERJ190LR	German Airways (a/w)	AFR1236/7
F-HMXL	Ce550	Airlec Air Espace	f/v ARL109	D-CHLR	EMB505	Atlas Air Service	20 ATL9K
G-CLAA	B747-446F	CargoLogic Air	CLU5368/5118	EC-LUX	A330-302	Iberia	IBE3061/2
G-MRFX	EMB550	Flexjet	17 FLJ52R	HB-JPB	A321-271NX	Swiss	f/v SWR724/5
G-ZBJM	B787-8	British Airways	BAW430/1	N134EC	P180	Fly Invest	20
HB-JWB	CL-650	Swiss Air Ambulance	f/v SAZ61/2	OE-FRM	Ce510	GlobeAir	GAC737V/815P
LX-JFE	PC-12/47E	Jetfly Aviation	JFA33K/92U	SE-RMB	Ce525B	Royalair	20
LX-PCC	PC-24	Jetfly Aviation	JFA09M/10M	UK67002	B767-33PERF	Uzbekistan Airways	UZB3579/80
N66D	Ce510	Heilko Gerhard Sauer		20.2-NICE	CL-601-3A	Volare Aviation	f/v 22 VLZ172A
N833AA	B787-9	American Airlines	f/v AAL220/1	9H-JOY	CRJ200ER	Air X Charter	AXY2005/2021
N918H	CL-350	Bay Equipment	f/v 17	B-2025	B777-39PER	China Eastern	f/v 21 CES771/2
OE-FCO	Ce510	GlobeAir	17 GAC900F/509B	D-CBBS	EMB505	Pad Aviation	21 PVD27K/76H
OK-RLV	G280	Avcon Jet	17	D-CEHM	Ce560XLS+	Silver Cloud Air	SCR021
OO-ABA	A340-313E	Air Belgium	SLM3004/993	D-IJOA	Ce525A	Excellent Air	ECA8C
OO-MMT	Ce560XLS	Air Service Liège	2x	D-IKBO	Ce525A	Silver Cloud Air	
OY-TCG	A321-211	Sunclass Airlines	f/v 18 VKG9116/7	G-FHFX	EMB550	Flexjet	FLJ61H
RA-67232	CL-850	Aviaservis	f/v 17 KZN9405/6	LX-JFR	PC-12/47E	Jetfly Aviation	JFA20G/22U
SP-ZEN	CL-350	Jet Story	17 JDI85H	N272BC	CL-350	Bissell	25
TC-RBE	A321-251NX	Pegasus Airlines	f/v PGT1251/2	N298AL	G650ER	Clay Lacy Aviation	f/v
17.D-AFBS	ERJ135BJ	Air Hamburg	18 AHO33J/34A	N685MF	G-IV		
D-AJHW	ERJ190LR	German Airways (a/w)	AFR1436/7	OO-PAR	Ce525B	Abelag Aviation	AAB191
D-ARMY	ERJ135BJ	Air Hamburg	18 AHO22F/G	OO-XLS	Ce560XLS+	Air Service Liège	21
D-CAWK	Ce680A	Aerowest		OY-CRJ	CRJ200LR	Copenhagen Air Taxi	CAT5499
D-CDAS	EMB505	DAS Private Jets		OY-GIC	Lj45	FlexFlight	FXT45C
D-CFAR	Lj60	FAI rent-a-jet	f/v IFA6198	PH-TFT	B737-8	TUI	f/v arr TFL056F

21.V-11	G-IV	334sq	NAF12	OE-FZA	Ce510	GlobeAir	GAC561W/450X
9H-FCA	Global 6000	Albinati Aviation	23 ULC66	OO-ABB	A340-313E	Air Belgium	SLM994/3003
9H-FCB	Falcon 7X	Albinati Aviation	23 ULC34	OO-ACO	Ce510	Air Service Liège	
D-AHOX	ERJ135BJ	Air Hamburg	AHO894X	OO-MMT	Ce560XLS	Air Service Liège	25
D-AJHW	ERJ190LR	German Airways (a/w)	AFR1236/7	SE-RLP	Ce525B	Royalair	25
D-CEFO	Ce560XLS+	Air Hamburg	22 AHO241R	TC-SOU	B737-8Z9	SunExpress	f/v SXS944/5
D-IAFG	Ce525	Glinicke Aviation	f/v	25.9H-FAB	ERJ190BJ	Air X Charter	f/v 25 AXY2515/2606
D-IAHG	Ce525	Spree Flug	f/v	D-CEIS	Ce680	Eisele Flugdienst	EFD6S
D-IKCG	Ce525A	ProAir		D-CSCA	Ce525B	Silver Cloud Air	26 SCR378
D-INCS	Ce525	Jetkontor	JKH321	D-IEMO	Raytheon 390	Projet	27
ES-PVH	Lj31A	Panaviatic	VPC7	D-IJOA	Ce525A	Excellent Air	26 ECA8C
F-HGSA	ERJ135BJ	Valljet	f/v VLJ749E	LX-AND	PC-24	Flying Grp Lux.	26 FYL23ND/22ND
G-CLAA	B747-446F	CargoLogic Air	22 CLU5296/5370	LX-SAB	Falcon 900DX	Global Jet Lux.	27 SVW56AB
HK-4907	G200	Searca	f/v 25	N32CK	PA-46-500TP		f/v 28
JU-1021	B767-34GER	Mongolian Airlines	MGL3143/4	N54PA	LJ36	Phoenix Air	26
LX-JFR	PC-12/47E	Jetfly Aviation	JFA27Q/92U	N562SE	Ce510		f/v
LX-SAB	Falcon 900DX	Global Jet Lux.	22 SVW56AB	N652PP	Ce680	Eenhoorn	26
LX-TAI	PC-12/47E	Jetfly Aviation	JFA88Q/21Y	OE-FKF	Ce525A	Fly Tyrol	FTY9
N146QS	Global 6000	Netjets	23	OO-XLS	Ce560XLS+	Air Service Liège	
N685MF	G-IV			OY-RUE	MD-83	Danish Air Transport	DTR4202/3
OK-HAR	Ce560XL	Aero Partner	22 DFC2QD/56J	VN-A896	A350-941	Vietnam Airlines	HVN301/5138
OK-JRT	Ce680	Travel Service	TVS83J/84J	26.9H-FAB	ERJ190BJ	Air X Charter	AXY2515/2606
OO-MMT	Ce560XLS	Air Service Liège	24	9H-FAB	ERJ190BJ	Air X Charter	27 AXY2515/2714
T7-AEC	Ce525	Titanfly Int'l	f/v	9H-JLK	Falcon 7X	TAG Aviation Malta	29
TF-ICO	B737-8	Icelandair	f/v ICE500/1	A7-BFY	B777-FDZ	Qatar Cargo	f/v QTR8203/4
UK67001	B767-33PERF	Uzbekistan Airways	UZB3587/8	D-AIRV	ERJ135BJ	Air Hamburg	27 AHO33P/Q
VN-A896	A350-941	Vietnam Airlines	HVN301/5138	D-AJHW	ERJ190LR	German Airways (a/w)	AFR1236/7
Z3-MKD	Lj60	Gvmt of North Macedonia	22	D-BOOM	CL-300	Windrose Air	QGA001A/002A
22.V-11	G-IV	334sq	NAF12	D-CDCM	Ce560XLS+	Air Hamburg	AHO324W/441N
2-LATE	CL-601-3A	Volare Aviation	f/v VLZ150A/193A	D-CJMK	Ce560XLS+	Air Hamburg	AHO422F/438V
2-LIVE	PC-12/47E	Stammair Guernsey	f/v	D-CSCE	EMB505	Luxaviation Germany	PVD33M/64D
9H-AIQ	ERJ135BJ	Blue Square Aviation	f/v	EC-LYF	A330-302	Iberia	IBE3060/1
CN-TKC	BAe125-850XP	Air Ocean	f/v	EI-HBB	CRJ1000	Hibernian Airlines	HBN1263/1571
D-AERO	ERJ135BJ	Air Hamburg	23 AHO615K	F-HOND	HA-420	EATIS	
D-CKVI	EMB505	DAS Private Jets		G-POWN	A321-211	Titan Airways (a/w)	AWC25Y/251
D-IAHG	Ce525	Spree Flug		G-SKAL	Ce560XLS+	Catreus	27 VCG2AL/1AL
D-INCS	Ce525	Jetkontor	JKH321	LX-AND	PC-24	Flying Grp Lux.	27 FYL13ND/21ND
D-IPPY	P180	AirGo	23 XGO4AM/4PB	LX-FPG	Ce525B	Flying Group Lux.	27 FYL22F/41F
G-OMTX	Global 5000	Luxaviation UK	f/v	N115QS	Global 5000	Netjets	27
LY-JMS	B737-522	KlasJet (n/t)	f/v 24 KLJ1261/2	OY-CLY	ATR72-212A	Alsie Express	MMD643/4
N500J	G550	Johnson & Johnson		OY-CLZ	ATR72-212A	Alsie Express	MMD641/2
OE-FAA	HA-420	The Flying Bulls		OY-CVVV	Beech 350	SGA	
OK-BEE	Beech 400A	JetBee Czech	JBC707A/B	OY-NLA	Ce650	North Flying	NFA056
OK-CTP	PC-12/47E	NetFlight		OY-RUU	A321-231	Danish Air Transp. (a/w)	DTR4146/7
OK-HAR	Ce560XL	Aero Partner	DFC61P	OY-TCF	A321-211	Sunclass Airlines	f/v VKG9186/4187
OO-XLS	Ce560XLS+	Air Service Liège	25	OY-TCF	A321-211	Sunclass Airlines	VKG4015/9187
PH-TFU	B737-8	TUI	f/v arr TFL058F	OY-TCG	A321-211	Sunclass Airlines	VKG9184/5
PT-MUH	B777-32WER	LATAM	23 TAM9554/5	OY-WLD	G500	Blackbird Air	BBB1
23.9H-FGV	EMB500	Luxwing	LWG701/792	PT-MUG	B777-32WER	LATAM	f/v 28 TAM9550
9H-VJD	Global 6000	VistaJet Malta	24 VJT7732	UK67001	B767-33PERF	Uzbekistan Airways	27 UZB3579/80
D-AERO	ERJ135BJ	Air Hamburg	24 AHO625M	YL-LCV	A321-231	Smartyx Airlines	arr TFL566
D-CVMS	PC-24	Platoon Aviation	f/v BTX23AM/LF	27.9H-VCB	CL-350	VistaJet Malta	VJT453
D-IENE	Ce525A	ProAir		D-BAHB	Falcon 2000LX	MHS Aviation	arr MHV20Y
D-IHKW	Ce525	ProAir	24	EC-LZS	Ce510	Clipper National Air	f/v 28 ORO1011
EC-LUX	A330-302	Iberia	IBE3062/3	EC-NGX	Ce510	Heron Aviation	28 HRN125
G-CLAA	B747-446F	CargoLogic Air	CLU5372/5118	LX-SAB	Falcon 900DX	Global Jet Lux.	arr SVW56AB
G-ZBJH	B787-8	British Airways	BAW430/1	OE-FOE	Ce510	GlobeAir	28 GAC404D/393E
LN-AWC	Lj45	Airwing	24 NWG33/4	OE-FPP	Ce510	GlobeAir	GAC402U/391V
LX-JFY	PC-12/47E	Jetfly Aviation	JFA11H/29R	OK-TVY	B737-8Q8	Smartwings	TVS430P/4300
LX-JFY	PC-12/47E	Jetfly Aviation	24 JFA18Q/14A	OO-ABB	A340-313E	Air Belgium	SLM3004/993
LX-ONE	Lj45	Lux. Air Ambulance	LRQ241A	OO-XLS	Ce560XLS+	Air Service Liège	arr
OE-FZE	Ce510	GlobeAir	24 GAC077K/966K	SE-RLP	Ce525B	Royalair	arr
OO-ABB	A340-313E	Air Belgium	SLM3004/993	SE-RMB	Ce525B	Royalair	29
OO-ACO	Ce510	Air Service Liège		28.9H-FAB	ERJ190BJ	Air X Charter	29 AXY2809/3
OY-CRJ	CRJ200LR	Copenhagen Air Taxi	CAT5499	B-7349	B777-39PER	China Eastern	f/v CES7769/70
SE-RMB	Ce525B	Royalair	25	D-AJHW	ERJ190LR	German Airways (a/w)	AFR1236/7
VQ-BBR	BAe125-750	Sirius Aero	f/v 25 CIG1802/3	D-CAWX	Ce680	Aerowest	29
24.9H-BGK	CL-850	Blue Square Aviation Group	f/v 25	D-CTOR	EMB505	Luxaviation Germany	PVD11N/55S
D-AJHW	ERJ190LR	German Airways (a/w)	AFR1436/7	D-IBCG	Ce525A	ProAir	
D-CBBS	EMB505	Pad Aviation	PVD91G/97B	D-IENE	Ce525A	ProAir	
D-CDAS	EMB505	DAS Private Jets		D-IJOA	Ce525A	Excellent Air	ECA8C
D-IHKW	Ce525	ProAir	25	D-ILOU	Ce525A	Sylt Air	29 AWU1A/129A
EC-HDS	B757-256	Privilege Style	27 PVG7993/4	EC-NGX	Ce510	Heron Aviation	29 HRN125
G-ZBJK	B787-8	British Airways	BAW430/1	EI-HBB	CRJ1000	Hibernian Airlines	HBB1572/1271
HB-JGE	Global XRS	ExecuJet Europe	25	F-HGRI	Ce525	Valljet	f/v 29 VLJ819F/712K
N44CE	G-IV	Global Air Charters	27 GJE1021	G-CLAA	B747-446F	CargoLogic Air	CLU5298/5376



G-CLSN is the latest addition to the Eastern Airways fleet and their first Embraer 190. The ERJ190LR was previously in service with Air Moldova as ER-ECC. (Rotterdam - The Hague, 10 June 2021, Kees Harteveld)

G-POWN	A321-211	Titan Airways (a/w)	AWC252/25W	N767CW	G-V	Springfield Air	IBG001
LY-JMS	B737-522	KlasJet (n/t)	30 KLJ1263/126P	OE-FHA	Ce510	GlobeAir	03 GAC978X/013L
OK-PPP	Beech 400A	Time Air	TIE752P/535P	OE-GWS	Ce560XLS+	Avcon Jet	AOJ29L
OK-TVY	B737-8Q8	Smartwings	TVS4301/430F	OO-ACO	Ce510	Air Service Liège	
OO-ABB	A340-313E	Air Belgium	SLM994/3003	OO-CCJ	Ce525	Air Service Liège	dep
OO-PRM	Ce510	Air Service Liège		PH-MAS	P68C-TC	Miramap Aerial Surveys	
OY-RSE	PC-12/47E	Air Alsie	29	PH-PNX	PA-31-350	Slagboom & Peeters	
TC-MCT	B747-412F	Air ACT Cargo	f/v RUN119/4	YU-BTB	Ce550 Bravo	Air Pink	
UK67002	B767-33PERF	Uzbekistan Airways	UZB3587/8	03.9H-CAP	P180	AV8Jet	19
VN-A896	A350-941	Vietnam Airlines	HVN301/5138	D-IKOE	Ce510	Reederei Köpping	04
29.9H-ANS	Global 6000	Alliance Executive Jet	ALE75X	N311EE	EMB505	Embraer Executive Aircraft	
D-CJMK	Ce560XLS+	Air Hamburg	30 AHO241R/316H	OE-FIT	Ce510	GlobeAir	04 GAC013M/802N
D-CTTT	Ce560XLS	Euro Link	EUL3T	04.CS-PHL	EMB505	NetJets Europe	NJE6RA/7RF
D-IBCG	Ce525A	ProAir		D-CANG	Ce560XLS+	Air Hamburg	AHO392W
G-HCSA	Ce525A	Bookajet	30 BOO626	D-IKOE	Ce510	Reederei Köpping	
LX-GVV	A319-115X	Global Jet Luxembourg	SVW39VV	G-OXFD	PA-34-220T	CAE Oxford	*
N29DE	Cirrus SF50	Deny Airlines	dep	G-OXFF	PA-34-220T	CAE Oxford	*
OE-FBD	Ce510	GlobeAir	GAC818B/696E	OO-PRM	Ce510	Air Service Liège	10
OE-FZA	Ce510	GlobeAir	GAC696D/945E	PH-KFA	DA42NG	KLM Flight Academy	*KLM7916
OO-ACO	Ce510	Air Service Liège		05.CS-CHJ	CL-350	NetJets Europe	NJE349D/273F
PT-MUG	B777-32WER	LATAM	TAM9557	M-CLAB	BD-100		18
TC-SPB	B737-86Q	SunExpress	f/v SXS944/5	06.I-PFDI	Ce525 (M2)	Phillipe Foriel-Destezet	07
TC-SPD	B737-8AS	SunExpress	f/v SXS722/3	OE-FZD	Ce510	GlobeAir	GAC667E/556F
30.D-CDAS	EMB505	DAS Private Jets	arr	PH-HVB	EC135T2+	ANWB - MAA	Lifeline1
D-IAAY	EMB500	Arcus Air	AZE23PT/39QU	PH-JTJ	Ce680	ASL	dep
EC-LYF	A330-302	Iberia	IBE3062/3	07.F-HSFJ	Ce680A	Astonjet	ASJ783/657
G-CLAA	B747-446F	CargoLogic Air	CLU5378/5118	N2121J	Global 6000	Exec. Jet Management	08 EJM212
G-ZBJE	B787-8	British Airways	BAW430/1	N216HZ	G-IV	Newport Exec. Transp.	11 DCM4010
HB-JWB	CL-650	Swiss Air Ambulance	SAZ61/2	OE-FPP	Ce510	GlobeAir	08 GAC958K/828N
LX-YES	Beech B200GT	Luxaviation	f/v LXA2F	OO-CEJ	Ce525	Air Service Liège	dep
N66D	Ce510	Heikko Gerhard Sauer		OO-OCA	Beech 350	Air Service Liège	08
N411DX	A330-941	Delta Air Lines	f/v DAL142/3	PH-HVB	EC135T2+	ANWB - MAA	Lifeline1
N515TJ	Beech 400A	Blackburn Int'l		PH-YIS	H135	KNSF Flight Services	
N678PS	Eclipse 500	Dajets	arr	08.G-WVIP	Beech 200	Nowfly	
N840AN	B787-9	American Airlines	f/v AAL220/1	OE-FZD	Ce510	GlobeAir	10 GAC556J/046R
OK-RLV	G280	Avcon Jet	arr	PH-DTF	Falcon 900LX	Exxaero	XRO284
OO-ABB	A340-313E	Air Belgium	SLM3004/993	PH-LAU	Falcon 900EX	Exxaero	XRO314
S5-CES	Ce525B		f/v	VP-BWR	B737-79T	Bel Air	
SE-RMB	Ce525B	Royalair	arr	09.CS-DXO	Ce560XLS	NetJets Europe	10 NJE7D/843K
SP-ZEN	CL-350	Jet Story	JDI85H	D-ILWP	Ce525A	Excellent Air	10 ECA7C
YU-PZM	Ce560XLS+	Air Pink		D-IPPY	P180	AirGo	11 XGO4RD/SC
				M-SPEC	Beech 350i	Specsavers Aviation	SSZ4E/W
				OO-OCA	Beech 350	Air Service Liège	
				OY-JBS	PA-46-500TP		10
				OY-ZCA	Ce208B	COWI Aerial Services	tdy 16 HEX03
				PH-HVB	EC135T2+	ANWB - MAA	Lifeline1
				PH-TXA	Ce510	ASL	2x
				10.D-CFHZ	EMB505	DAS Privat Jets	
				D-CHZF	Ce550 Bravo	Tyrol Air Ambulance	TYW212F/3F
				D-IOVA	Ce525	ProAir Aviation	
				G-CLSN	ERJ190LR	Eastern Airways	f/v EZE001E/2E
				G-OXFD	PA-34-220T	CAE Oxford	*
				HA-JEO	Ce650	Jet Stream	11 JSH650
				M-SPEK	Beech 350i	Specsavers Aviation	SSZ2E/W
				N965AP	Cirrus SF50	Cirrus Design Corp.	

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

Rotterdam - The Hague

		June 2021	
01.D-GVCC	DA42	CAE Brussels	*
F-HJOF	R44	Heli & Co	02
G-OXFD	PA-34-220T	CAE Oxford	*
N311EE	EMB505	Embraer Executive Aircraft	
PH-PNX	PA-31-350	Slagboom & Peeters	
SP-TTA	Beech 400A	Smart Jet	dep SAH59P
02.F-HJOF	R-44	Heli & Co	
F-HVLJ	Ce525A	Valljet	VLJ960N
G-UMMI	PA-31-325	2 Excel Aviation	dep tdy RRR8401

OE-FUX	Ce525A	Bairline		19. CS-CHE	CL-350	NetJets Europe	NJE9GP/577Q
OO-IDE	Ce525	Air Service Liège		CS-LAU	Ce680A	NetJets Europe	20 NJE454R/368U
PH-BRA	PC-12/47E	Brizano Netherlands		D-AVIB	ERJ135	Air Hamburg	20 AHO627X/696G
PH-KFB	DA42NG	KLM Flight Academy	*KLM7926	D-BFIL	EMB450	Air Hamburg	AHO156U
PH-KGJ	EC120B	Heli Holland Holding		D-CDSO	Ce550 Bravo	Heli-Flight	
11. 9H-JOS	Ce560XLS	Luxwing	LWG1871/2	20. CS-LTJ	Ce680A	NetJets Europe	NJE650U/3JF
D-CSOS	Lj45	Jetcall	JCL1	21. 282	PC-12/47E	104sq	IRL282
D-IEGA	Ce525A	ProAir Aviation	12	9H-IRC	Global 6000	DCS Aviation Malta	DCW123
F-HEVL	EMB505	Evolem Aviation	EVL111	CS-DLF	Falcon 2000EX	NetJets Europe	NJE332R/165P
G-ZNTJ	Lj75	Zenith Aviation	BZE03C/D	EC-MPN	Ce525	Air Taxi & Charter Int'l	22 IBJ821X/822A
OO-ACC	Ce525A	Air Service Liège	dep	N120RB	Cirrus SF50	VREF Management	22
OO-IDE	Ce525	Air Service Liège	13	22. CS-PHP	EMB505	NetJets Europe	NJE4SR
OO-MMT	Ce560XLS	Air Service Liège	15	D-CDIM	Lj35A	Jet Executive Int'l	JEI525
12. CS-LAU	Ce680A	NetJets Europe	NJE497N/7TV	D-GVCC	DA42	CAE Brussels	*
CS-LTD	Ce680A	NetJets Europe	NJE8RJ/439A	N120RB	Cirrus SF50	VREF Management	23
CS-LTE	Ce680A	NetJets Europe	NJE049Y/481Y	OE-ESM	PC-12/47E	Sepp Michelfeit	23
F-HGPE	EMB505	Pan Européenne A/S	PEA302	OK-BII	Beech 400A	JetBee Czech	JBC705D/C
13. CN-RBS	BAe125-900XP	Sarah Airways		OO-CEJ	Ce525	Air Service Liège	28
CN-SRA	Ce650	Sarah Airways		PH-UNC	Falcon 7X	JetNetherlands	JNL1076/2076
HA-YFK	Beech 400A	Fly-Coop	FCA2AMB/1AMB	T7-LEO	DA42		arr
OE-FUX	Ce525A	Bairline		23. 9H-CAP	P180	AV8Jet	07
OO-CEJ	Ce525	Air Service Liège	18	CS-CHG	CL-350	NetJets Europe	NJE280A/163K
PH-BRA	PC-12/47E	Brizano Netherlands		CS-CHJ	CL-350	NetJets Europe	24 NJE278F/3XM
PH-TXA	Ce510	ASL	18	F-HBZA	Ce550	Valljet	VLJ968G
14. CS-PHB	EMB505	NetJets Europe	NJE9QL	OK-RLV	G280	Avcon Jet	24
D-AVIB	ERJ135	Air Hamburg	AHO633F/814U	YU-BZZ	Ce550 Bravo	Air Pink	24
D-GVCC	DA42	CAE Brussels	*	24. 253	CN235M-100	101sq	IRL253
F-HSFJ	Ce680A	Astonjet	15 ASJ657	A6-ACE	Global 5000	ExecuJet Middle East	25
N37AL	G-V	Presidential Aviation	15	D-CAWO	Ce560XLS+	Aerowest	
N620CM	Ce510	Relay Securities	dep	D-IFPM	Eclipse 550	Franconia Air Service	
OK-HAR	Ce560XL	Aeropartner	DFC7JA	PH-KGJ	EC120B	Heli Holland Holding	
15. MM62249	P180	GEA	16	PH-TXA	Ce510	ASL	2x
OK-SLX	Ce560XL	Silesia Air	SUA651/2	PH-YIS	H135	KNSF Flight Services	01
OO-RKS	Ce510	Air Service Liège	dep	25. 282	PC-12/47E	104sq	IRL282A
OO-RKS	Ce510	Air Service Liège	16	CS-CHH	CL-350	NetJets Europe	NJE992T/6XJ
OO-VMF	Ce560XLS+	Air Service Liège		CS-DXJ	Ce560XLS	NetJets Europe	NJE64F/3ZP
16. HA-SCS	Ce650	Jet Stream	JSH671/0	D-CEIS	Ce680	E-Aviation	EFD6S
OM-BYB	Fokker 100	Government of Slovakia	SSG6	LN-LFS	DA42	CAE Oxford	2x *
OO-NHV	AS365N3	Netherlands Coastguard	*NCG10	LX-AND	PC-24	Flying Grp Luxemb.	FYL21ND/82ND
OO-VMF	Ce560XLS+	Air Service Liège		N554DG	G550	Carlyle Investment Management	26
PH-MAA	EC135T2+	ANWB - MAA	Lifeline1	OO-XLS	Ce560XLS+	Air Service Liège	
VH-SGA	G650ER	Business Aviation Solutions	f/v 17	OY-JJK	Raytheon 4000	JoinJet	SUS9080/0480
17. CS-LTA	Ce680A	NetJets Europe	18 NJE2NS/413Q	PH-CJM	Ce680	ASL	27
OH-WAU	PC-12/47E	Hendell Aviation		26. D-CAWX	Ce680+	Aerowest	27
OK-AST	Ce560XL	Air Bohemia	BOH711/2	D-CNAC	SA227DC	Binair	BID10P/101
PH-YIS	H135	KNSF Flight Services		D-CNAC	SA227DC	Binair	BID111/11P
T7-SST	EMB505	Titan Aviation San Marino	18	D-IAWU	Ce525	Sylt Air	
18. 2-DEWS	Eclipse 500	Channel Jets	20	D-IKCG	Ce525A	ProAir Aviation	
D-IPCH	Ce525A	Jetkontor	JKH32A	LN-AWC	Lj45	Airwing	NWG16
LN-AWB	Lj45	Airwing	22 NWG18/20	M-CLAB	CL-300	ProAir Aviation	30



This CASA CN235M-100 with serial 253 was delivered to the Irish Air Corps in 2018. It is currently being operated by 101sq in a Maritime role. In this case however it was used as an air ambulance for a baby in need of medical attention. (Rotterdam - The Hague, 24 June 2021, Pieter Bes)



This former Ryanair Boeing 737 was withdrawn from use in February 2020. The aircraft was acquired by Corendon and ferried from Shannon to Antalya on 9 April 2021. TC-TJY positioned to Istanbul almost four weeks later after painting in these 'Antalyaspor' colours. (Maastricht - Aachen, 30 June 2021, Leo Remmel)

27. D-CAWX	Ce680+	Aerwest	28	PH-FVE	Spitfire LF Mk. XVIe	Frits van Eerd	2x *
D-CKJM	Ce560XLS+	Air Hamburg	28 AHO454E/416Q	12. D-AFAD	CL-604	FAI Rent-A-Jet	IFA1175
OO-MMT	Ce560XLS	Air Service Liège	28	HB-VVU	PC-24	CAT Aviation	CAZ301
PH-LAU	Falcon 900EX	Exxaero	28 XRO369	LN-RDZ	DHC-8-402	Widerøe	arr WIF9119
SP-ENX	B737-8Q8	Enter Air	ENT555P/555	LN-WIA	DHC-8-103	Widerøe	arr WIF9116
28. CS-DQB	Ce560XLS	NetJets Europe	NJE7AG	LN-WIH	DHC-8-103	Widerøe	dep WIF9117
CS-DQB	Ce560XLS	NetJets Europe	29 NJE5CM/635W	VP-BHM	B757-222(F)	E-Cargo (a/w)	ERF9476/9477
F-HJOF	R-44	Heli & Co		VQ-BWT	B747-412(F)	Longtail Aviation	LGT6604/3305
HA-JEX	Ce650	Jet Stream	JSH661/0	13. F-GLTK	Ce550	Valljet	VLJ949V
LN-LFS	DA42	CAE Oxford		G-ECOT	DHC-8-402	HEH Avn Cologne Bet.gesell.	dep
OE-FXJ	Eclipse 500	Androtek		OE-GKW	G100	Tyrol Air Ambulance	TYW757/758
OO-MMT	Ce560XLS	Air Service Liège	arr	OO-ACC	Ce525A	Air Service Liège	
OY-JJK	Raytheon 4000	JoinJet	SUS480/9180	TF-AMU	B747-48EF	Astral Aviation	ABD4066/4067
PH-MAA	EC135T2+	ANWB - MAA	Lifeline1	VP-BHM	B757-222(F)	E-Cargo (a/w)	ERF9478/9479
29. CS-PHI	EMB505	NetJets Europe	NJE074G	VQ-BFT	B737-86N(F)	ATRAN	VAS8505/8961
D-IPPY	P180	AirGo	XGO4RD/BR	VT-RVL	Falcon 2000	Religare Aviation	15
D-ITAN	Ce525	E-Aviation		14. 9H-VJO	Global 6000	VistaJet Malta	VJT878
F-HROG	P180	Oyonnair		G-FLBD	DHC-8-402	HEH Avn Liverpool Bet.gesell.	dep
30. D-CANG	Ce560XLS+	Air Hamburg	AHO319R	OO-PRM	Ce510	Air Service Liège	15
D-CJMK	Ce560XLS+	Air Hamburg	AHO316H	PH-DTF	Falcon 900LX	Exxaero	XRO324
D-IPCH	Ce525A	Jetkontor	JKH32A	VP-BHM	B757-222(F)	E-Cargo (a/w)	ERF9480/9302
D-ISLT	Ce525A	Sylt Air	01 AWU730G/901K	15. OK-PFY	Beech 400A	Time Air	16 TIE651F/651F
HA-JEO	Ce650	Jet Stream	arr JSH650	16. 9H-QBA	B737-800	Malta Air	f/v RYR9381/2
LX-AND	PC-24	Flying Grp Lux.	03 FYL22ND/43ND	D-CHMS	PC-24	Platoon Aviation	17 BTX16X/17P
OO-IDE	Ce525	Air Service Liège	arr	EI-HBB	CRJ1000	Hibernian Airl. (a/w)	dep HBN3186
PH-MFA	DA42NG	KLM Flight Academy	2x *KLM7918	G-ECOG	DHC-8-402	HEH Avn	arr SXI2133
				17. CS-DVZ	Ce550	Taespejo Portugal	18 TES143/151
				CS-LTA	Ce680A	NetJets Europe	NJE104K/2NS
				EI-HBB	CRJ1000	Hibernian (a/w)	24 HBN1242/3145
				LN-AGR	Falcon 7X	Sundt Air	MDT9
				VP-BHM	B757-222(F)	E-Cargo (a/w)	ERF9472/9473
				18. OO-ACC	Ce525A	Air Service Liège	
				OO-RKS	Ce510	Air Service Liège	arr
				TF-AMU	B747-48EF	Astral Aviation	ABD4070/4071
				19. LN-AWC	Lj45	Airwing	NWG19/29
				VP-BHM	B757-222(F)	E-Cargo (a/w)	ERF9476/9477
				20. 9H-QBO	B737-8AS	Malta Air	f/v RYR9381/2
				EI-HBA	CRJ1000	Hibernian Airl. (a/w)	dep HBN3200
				SP-OOK	Beech 400XP	Smart Jet	SAH51P
				VP-BHM	B757-222(F)	E-Cargo (a/w)	ERF9478/9479
				YR-BGD	B737-38J	TAROM	f/v ROT7301/7302
				21. D-GFAS	DA42NG	Franconia Air Service,	
				SP-MRD	Raytheon 390	Devco	
				VP-BHM	B757-222(F)	E-Cargo (a/w)	ERF9480/9302
				22. EI-HBA	CRJ1000	Hibernian Airl. (a/w)	HBN3189/1474
				N120RB	Cirrus SF50	VREF Management	2x
				OK-HAR	Ce560XL	Aeropartner	23 DFC61P
				OO-RKS	Ce510	Air Service Liège	arr
				VQ-BGG	B757-223(F)	Cainiao Logistic	TUP4901/4902
				VT-RVL	Falcon 2000	Religare Aviation	29
				23. D-IRKE	Ce525	Star Wings Dortmund	STQ666
				OO-ACC	Ce525A	Air Service Liège	arr
				SE-RFL	Ce680	European Flight Service	EUW9011
				24. EI-HBB	CRJ1000	Hibernian (a/w)	26 HBN3146/1261
				HB-PTW	PA-46-600TP	Transwing	

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

Maastricht - Aachen

		June 2021			
04. G-LXWD	Ce560XLS	Catreus	VCG1WD/2WD		
JY-AGQ	A310-304(F)	Royal Jordanian	RJA033/034		
05. CS-PHH	EMB505	NetJets Europe	06 NJE057M/972K		
D-CSCB	Ce560XLS+	Silver Cloud Air	06 SCR187		
G-KELT	A320-251NX	Acropolis Aviation	CRV1		
LN-AWC	Lj45	Airwing	NWG15		
VP-BHM	B757-222(F)	E-Cargo (a/w)	ERF9476/9477		
06. CS-LTH	Ce680A	NetJets Europe	NJE5ZD/349H		
VP-BHM	B757-222(F)	E-Cargo (a/w)	ERF9478/9479		
VQ-BFR	B737-8AS(F)	ATRAN	VAS8605/9625		
YR-ASD	A318-111	TAROM	ROT7301/7302		
07. EI-HBA	CRJ1000	Hibernian Airlines (a/w)	tst HBN001		
EI-HBB	CRJ1000	Hibernian Airlines (a/w)	tst HBN002		
F-GHOC	Beech 200	Open Flight	10 OFL07C/10C		
M-ARIE	BAe125-800XP	Surf-Air	08		
M-JCBB	G650	JC Bamford Excavators	08 JCB1		
N710FT	G500	Solairus Aviation	09		
VP-BHM	B757-222(F)	E-Cargo (a/w)	08 ERF9480/9403		
08. F-GLTK	Ce550	Valljet	09 VLJ415M/949V		
OO-SXX	Ce680	Air Service Liège			
10. Q-23	AH-64D	301sq	*APACH11		
VP-BHM	B757-222(F)	E-Cargo (a/w)	ERF9472/9473		
11. D-AAAX	CL-604	Air Independence	14		

OK-RLV	G280	Avcon Jet	
OO-RKS	C5e10	Air Service Liège	dep
25.D-IRKE	Ce525	Star Wings Dortmund	STQ666
PH-CJM	Ce680	ASL	
TF-AMA	B747-45E(F)	Saudia	SVA3917/3918
26.N1008	Ce501SP	Maharishi Foundation	
27.9H-QBX	B737-8AS	Malta Air	f/v RYR9381/2
CS-LTO	Ce680A	NetJets Europe	NJE2SK/706L
D-IAWE	Ce425	Aerowest	
PH-CDF	B737-804	Corendon Dutch Airl.	CND714/713
SP-TTA	Beech 400A	Smart Jet	SAH59P/59C
TC-TJY	B737-8AS	Corendon Airlines	f/v CAI7143/1744
28.9H-SNB	Ce680+	Pontair	29 PTA051/051P
9H-TJC	B737-86N	Corendon Airlines Europe	CAI143/4
29.025	C295M	8.BLTr (13.el)	01 PLF280
LN-AGR	Falcon 7X	Sundt Air	MDT9
OE-FBD	Ce510	GlobeAir	GAC239F/818B
OE-FNP	Ce510	GlobeAir	GAC374N/263N
PH-CDF	B737-804	Corendon Dutch Airl.	CND291
YU-TUU	Ce550 Bravo	Air Pink	
30.9H-QDQ	B737-800	Malta Air	f/v RYR9381/2
CS-PHJ	EMB505	NetJets Europe	01 NJE9FF/431U
D-ITOC	Raytheon 390	Exxaero	
OE-FBD	Ce510	GlobeAir	GAC451D/239G
PH-CDE	B737-8KN	Corendon Dutch Airl. (a/w)	CND311
TC-TJY	B737-8AS	Corendon Airlines	CAI343/344

The first few days of June the airport was closed for runway maintenance. Ryanair has restarted services to Bari, Italy and Corendon has also restarted charter flights. Both Hibernian CRJ1000s moved base to Niederrhein near the end of this month. All three Widerøe aircraft on the 12th are related to SAMCO visits. Two former FlyBe aircraft departed on delivery to Conair on the 13th and 14th. The Corendon Boeing on the 27th carries special Antalya colors.

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

Groningen - Eelde

June 2021			
01.CS-LTJ	Ce680A	NetJets Europe	NJE371L/230Q
CS-PHQ	EMB505	NetJets Europe	NJE3LV
OE-XYK	R44	Heli & Co	dep
OY-IUV	G200	FlexFlight	FXT20V
PH-SAE	PA-44-180	AIS Flight Academy	2x
02.N98DF	PA-46-350P		04
PH-DTS	DA42	Twinstar Beheer	
PH-HBH	H269C	Heli Holland Holding	
PH-HCF	Cabri G2	HeliCentre	
PH-SAE	PA-44-180	AIS Flight Academy	2x
03.N303JR	TBM-910	Jean Roulland	
04.D-CHIC	EMB505	Air Hamburg	AHO245T
PH-DTS	DA42	Twinstar Beheer	
PH-PNX	PA-31-350	Slagboom en Peeters	*
PH-SAE	PA-44-180	AIS Flight Academy	
05.PH-SAE	PA-44-180	AIS Flight Academy	
08.D-CAWO	Ce560XLS+	Aerowest Flugcharter	
N177LN	Cirrus SF50	Lima November Flugcharter	16
09.D-CAWO	Ce560XLS+	Aerowest Flugcharter	
PH-SVZ	Ce550	Slagboom en Peeters	dep
10.D-IFLN	BN-2B-20	FLN	*
N6758Y	Cirrus SF50		11
11.CS-DQB	Ce560XLS	NetJets Europe	12 NJE351T
PH-DTS	DA42	Twinstar Beheer	
PH-HOW	H145	RAV Fryslân – MAA	medic01
PH-VCC	DA62	Cav-Okay	*
13.N500VX	PA-46-500TP		
14.OO-TBB	Cirrus SF50	Blue Sky Aviation	17
PH-DTS	DA42	Twinstar Beheer	
15.PH-HOW	H145	RAV Fryslân – MAA	medic01
16.J-144	F-16AM	322sq	*killer02
D-CAWO	Ce560XLS+	Aerowest Flugcharter	
D-CAWO	Ce560XLS+	Aerowest Flugcharter	17
OE-FAR	DA42NG		17
PH-JVZ	P2006T	ZX Machines	*
SP-VIS	Cirrus SF50		

17.PH-DTS	DA42	Twinstar Beheer	*
PH-HBH	H269C	Heli Holland Holding	*
18.N98DF	PA-46-350P		20
OO-PRM	Ce510	Air Service Liège	
19.D-IGIA	Ce421C	Schmal	
PH-KMR	GA-8 Airvan	St. Ambulancevliegtuig	
PH-VCC	DA62	Cav-Okay	*
20.CS-DXU	Ce560XLS	NetJets Europe	NJE915G
D-ITRA	Ce525	Transavia Fluggesellschaft	
PH-DTS	DA42	Twinstar Beheer	
PH-FRA	TBM-900	Air Frans	
21.EI-HBA	CRJ1000ER	Hibernian Airl. (a/w)	HBN2200/3201
N421WE	Ce421C	International Air Services	
OE-FOE	Ce510	Globe Air	GAC436B
OE-XYK	R44	Heli & Co	22
PH-HSI	B737-8K2	Transavia	TRA8122/092
22.Q-16	AH-64D	301sq	apache23
CS-PHP	EMB505	NetJets Europe	NJE4SR
D-IFLN	BN-2B-20	FLN	2x
D-IHAG	Ce551	Heli-Flight	2x
OE-FOE	Ce510	Globe Air	GAC436C/213N
PH-ATT	H269C	Heli Holland Holding	
23.9H-ALL	Ce525A	Luxwing	24 LWG101
D-IFLN	BN-2B-20	FLN	*
EC-LZS	Ce510	Clipper National Air	ORO1011/2
EC-NBS	Ce680A	Gestair	27 GES441S
EI-RND	ERJ190STD	Alitalia	AZA9006/9949
OO-ROB	RC690B	ABK	
PH-DTS	DA42	Twinstar Beheer	
PH-FRA	TBM-900	Air Frans	
PH-SFF	PC-12/47E	Silver Flight	
24.D-CSCE	EMB505	Pad Aviation Service	PVD66K
EC-MSS	Ce56XLS+	Gestair	27
F-HLPM	Falcon-2000LXS	Michelin Air Services	27
HB-VRR	Ce510	Swiss Flight Club	25
I-WALK	Ce680+	Comp. Generale Riprosearee	27
LX-PCE	PC-24	Jetfly Aviation	JFA16N
OE-FAF	Ce525A	Smartline Luftfahrt	
PH-SFF	PC-12/47E	Silver Flight	
25.2-DBRV	Cirrus SF50	Luxaviation UK	28
PH-DIX	PC-12/45	Din-Air	
PH-SAE	PA-44-180	AIS Flight Academy	
26.9H-ALL	Ce525A	Luxwing	27 LWG192/101
D-HANI	Bell 407	Heliteam Süd	
27.D-CBBS	EMB505	Pad Aviation Service	
D-CKVI	EMB505	DAS Private Jets	
D-HANI	Bell 407	Heliteam Süd	3x
D-IRKE	Ce525	Star Wings Dortmund	STQ666
EC-MGY	A321-231	Vueling	VLG4018/9
EI-HBA	CRJ1000ER	Hibernian Airl. (a/w)	HBN1474
EI-RND	ERJ190STD	Alitalia	AZA9948/9007
HB-VRR	Ce510	Swiss Flight Club	
OK-JFA	Beech 400XT	Time Air	TIE692J
PH-SFF	PC-12/47E	Silver Flight	28
PH-TDX	DA42NG	Vliegclub Schiphol	
28.J-509	F-16AM	322sq	*polly2
J-628	F-16AM	322sq	*polly1
Q-13	AH-64D	301sq	apache23/23formation
Q-14	AH-64D	301sq	apache24
CS-PHD	EMB505	NetJets Europe	NJE47T/986T
D-IRKE	Ce525	Star Wings Dortmund	STQ666
G-CIFE	Beech B200	2 Excel Aviation	BRO32P/32
LX-PCB	PC-24	Jetfly Aviation	JFA32T
PH-DIX	PC-12/45	Din-Air	
29.M-DMBP	Lj40XR	Ven Air	
30.D-AWSI	ERJ190LR	German Airways	01 GER5390/5453
PH-HVB	EC135T2+	ANWB – MAA	arr Lifeliner4
PH-LLN	EC135T2+	ANWB – MAA	dep

The Slagboom Cessna on the 9th departed to Teuge after repairs. The Piper on the 13th was on a delivery flight to the Ukraine. The Motul TT Assen took place from 25 till 27 June, ramping up the traffic during that time frame. German Airways arrived on the 30th to start operating for virtual airline Green Airlines the next day.

Credit: GEAS, FlyGRQ.



After a lengthy stay at Teuge this Cessna 208 finally departed Dutch soil shortly after maintenance at Teuge and a repaint at Lelystad in the well know MAF colours. N2114G arrived from Mongolia on 4 Februari 2020 as JU-2114 and departed to Guinea on 29 June 2021 for a new Mission Aviation Fellowship programme. (Teuge, 24 June 2021, Johan Hetebrij)

Deventer-Teuge

		June 2021	
01. CS-PHN	EMB505	NetJets Europe	dep <u>NJE175B</u>
HB-FXI	PC-12/47E	Pilatus Flugzeugwerke	<u>PCH66</u>
PH-FVD	R44	Rotarywings	
PH-HCF	Cabri G2	HeliCentre	
PH-MAS	P68C-TC	Miramap Aerial Surveys	
02. F-GVPH	R44	Heli & Co	
PH-KAT	P2006T	Kavel 10 Aerial Survey	04
PH-ZAZ	Beech B200	Zeusch Aviation	03
S5-HCE	EC120B	Flycom	
03. D-FONL	An-2T	Classic Wings	dep
PH-RBC	EC120B	HeliAir	
04. PH-KIO	P2006T	Kavel 10 Aerial Survey	09
06. PH-MAS	P68C-TC	Miramap Aerial Surveys	07
07. PH-LBR	Ce208B	Skydive Rotterdam	
PH-MAS	P68C-TC	Miramap Aerial Surveys	10
08. F-HJOF	R44	Heli & Co	
PH-PHB	Enstrom 480	Prince Helicopters	
PH-PXE	EC135P2+	Nationale Politie	<u>ZXP05</u>
09. CS-PHQ	EMB505	NetJets Europe	<u>NJE255W/952N</u>
PH-HCH	EC120B	HeliCentre	
PH-HGB	R44	HeliAir	
10. PH-MAV	P68C	Miramap Aerial Surveys	
11. PH-DTX	Yak-52	Dutch Thunder Yaks	12
PH-HCF	Cabri G2	HeliCentre	
12. HB-VPL	Raytheon 390	Premier Aviation	
13. PH-MAS	P68C-TC	Miramap Aerial Surveys	
PH-MAV	P68C	Miramap Aerial Surveys	
14. N980EE	RC695	International Air Services	25
PH-MAV	P68C	Miramap Aerial Surveys	
PH-RBC	EC120B	HeliAir	
15. N71SL	H269C	Jan Overveen – Chris Wouters	dep
PH-ECE	EC120B	Heli Holland Holding	
17. D-FLAG	PC-12/47NGX	Hoki-Air	18
N2114G	Ce208B	Mission Aviation Fellowship	29
PH-KIO	P2006T	Kavel 10 Aerial Survey	23
18. CS-PHA	EMB505	NetJets Europe	<u>NJE420N/561K</u>
D-GETT	PA-34-200T		
PH-DTS	DA42	Twinstar Beheer	
PH-FVD	R44	Rotarywings	
PH-TWN	P2006T	Zelf Vliegen	
19. N417RK	PA-46-350P	Vertigo	
PH-HCD	Cabri G2	HeliCentre	
PH-PXE	EC135P2+	Nationale Politie	<u>ZXP05</u>
21. OE-FDV	SC-7	Pink Aviation Services	tdy 02
23. PH-PHB	Enstrom 480	Prince Helicopters	
PH-RBC	EC120B	HeliAir	
PH-UMC	H135	ANWB – MAA	
24. L-02	PC-7	131EMVOsq	
L-09	PC-7	131EMVOsq	
OO-ATO	Cabri G2	HeliCentre – Diatrans	
OO-HUB	TBM-700A	TSF Air'Press	

PH-HCC	Cabri G2	HeliCentre	arr
PH-KIO	P2006T	Kavel 10 Aerial Survey	
25. PH-PXX	AW139	Nationale Politie	<u>ZXP24</u>
26. CS-PHQ	EMB505	NetJets Europe	<u>NJE424D/293G</u>
PH-JMP	Ce208B	Skydive Teuge	2x 29
PH-KIO	P2006T	Kavel 10 Aerial Survey	
PH-WIK	AS350B3	HeliAir	
27. F-GVPH	R44	Heli & Co	
M-SAIL	PC-12/47E	Sailfly	29
28. CS-PHJ	EMB505	NetJets Europe	<u>NJE350A/028D</u>
D-FIPS	PC-6/B2-H4	KIAS Airlines	arr
D-IDKE	Beech C90GTi	Dachser	29
PH-SFF	PC-12/47E	Silver Flight	2x 29
30. PH-KIO	P2006T	Kavel 10 Aerial Survey	03

The Cessna on the 17th returned from Lelystad after a repaint. The Cessna finally departed for Guinea on the 29th. Not listed but worth mentioning is Cessna PH-FST which suffered an incident on the 25th. See Scramble 506 - Page 46.

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

Eindhoven

		June 2021	
01.02	C-17A	HAW	Bartok55
D-102	CH-47D	298sq	*GLV-V
D-667	CH-47D	298sq	*GLV-V
CS-CHI	CL-350	NetJets Europe	<u>NJE762N/648Q</u>
CS-LTD	Ce680A	NetJets Europe	<u>NJE684D/260D</u>
D-CSCB	Ce560XLS+	Silver Cloud Air	dep SCR187
02. 9H-CFL	Lj40	Leader	LSA401/2
CS-CHD	CL-350	NetJets Europe	<u>NJE057H/642B</u>
CS-LTM	Ce680A	NetJets Europe	<u>NJE685P/191L</u>
OE-FDV	SC-7M-3	Pink Aviation (a/w)	03
OO-IDE	Ce525	Air Service Liège	
03. FB23	F-16BM	10w/OCU	*BAF461
D-101	CH-47D	298sq	*Grizzly24, GLV-V
D-473	CH-47F	298sq	*Omega1, GLV-V
S-444	AS532U2	300sq (camo c/s)	*Wildcat05, GLV-V
OO-IDE	Ce525	Air Service Liège	04
PH-LAU	Falcon 900EX	Exxaero	XRO281
04. 9H-TGR	Ce525B	Hyperion Aviation	HYP032
I-KERE	Falcon 2000	Leader	LSA201/2
M-YGIG	G650ER	Jet Concierge Club	06
OO-IDE	Ce525	Air Service Liège	09
OO-PCK	PC-12/47E	European Aircraft Private Club	
PH-PXY	AW139	Nationale Politie	
05. 15-5822/RS	C-130J-30	37th AS/86th AS	06 HKY72
16-5883/RS	C-130J-30	37th AS/86th AS	06 HKY71
D-CAGA	EMB505	PAD Aviation Service	PVD31Y/27Z
D-CJMK	Ce560XLS+	Air Hamburg	AHO294Y
PH-LAU	Falcon 900EX	Exxaero	XRO281
06. T7-ISH	Lj60XR	Anda Air	ICF601
07. T-235	KDC-10	334sq	dep NAF40
OE-LIO	Global 5000	Avcon Jet	AOJ78M

OK-ESC	Beech 400XT	Time Air	TIE538S
OO-AOC	Ce510	Air Service Liège	08
OO-MMT	Ce560XLS	Air Service Liège	09
08.N134EC	P180	Fly Invest	09
09.FB23	F-16M	10w/OCU	*3x BAF433
D-ILWP	Ce525A	Excellent Air	ECA7C
HB-VLX	PC-24	Central Aviation	
OK-ESC	Beech 400XT	Time Air	TIE538S
10.J-197	F-16AM	312sq	*Cowboy01
L-10	PC-7	131EMVosq	* <u>Diamond24</u>
OO-PKX	Ce750	Air Service Liège	dep
11.T-235	KDC-10	334sq	arr NAF40
D-CGGG	Lj31A	Jetcall	12 JCL3
OE-FIT	Ce510	GlobeAir	12 GAC716J/098J
OE-GAG	Lj75	Int'l Jet Management	IJM566
OO-CEJ	Ce525	Air Service Liège	13
PH-CGN	Do228-12	Kustwacht	*NCG03
PH-FVE	Spitfire LF XVI	SKHV	*
12.D-CMXX	EMB505	Air Hamburg	AHO294Y/246L
13.9H-VJO	GLEX	VistaJet Malta	14 VJT878
D-CEIS	Ce680	E-Aviation	EFD6S
OO-PKX	Ce750	Air Service Liège	17
14.L-10	PC-7	131EMVosq	* <u>Diamond03</u>
CS-DXP	Ce560XLS	NetJets Europe	NJE775F/767K
OE-GRA	Ce525B	Alpha Air Charter	
15.CS-DXV	Ce560XLS	NetJets Europe	NJE431G/402T
N37AL	G-V	Presidential Aviation	
OE-EFL	PC-12/47E	Theophil EFL	
PH-CGC	Do228-212	Kustwacht	*NCG03
16.FB22	F-16BM	2w	*BAF215
HB-JGQ	CL-300	Premium Jet	
OH-WAU	PC-12/47E	Hendell Aviation	
17.01	C-17A	HAW	Bartok72
D-472	CH-47F	298sq	*Grizzly83, GLV-V
N-088	NH90-NFH	860sq	*Guardian23
CS-DOL	Ce525B	Valair	VVV652/3
G-KELT	A320-251NX	Acropolis Aviation	CRV1
18.02	C-17A	HAW	Bartok94
CS-DXZ	Ce560XLS	NetJets Europe	19 NJE925L/980T
D-IENE	Ce525A	Dieter Eifler	
OH-WAU	PC-12/47E	Hendell Aviation	
20.D-CEHM	Ce560XLS+	Silver Cloud Air	21 SCR021
G-KELT	A320-251NX	Acropolis Aviation	23 CRV1
OE-GRA	Ce525B	Alpha Air Charter	
OO-PKX	Ce750	Air Service Liège	24
21.D-IEGA	Ce525A	ProAir Aviation	22
LX-LAT	Ce680A	Global Jet Luxembourg	SVW86AT
22.CH12	C-130H	20sq	*4x BAF639
ZZ388	Wildcat AH1	1Regt	AAC107-flight
ZZ389	Wildcat AH1	1Regt	AAC107-flight
ZZ408	Wildcat AH1	1Regt	AAC109-flight
ZZ524	Wildcat AH1	1Regt	AAC109-flight
D-AERO	ERJ135BJ	Air Hamburg	AHO627W/764L
OK-BII	Beech 400A	JetBee Czech	JBC705B/D
23.01	C-17A	HAW	Bartok84
D-CBEN	Ce560XLS+	Adolf Wurth	24
D-CEHM	Ce560XLS+	Silver Cloud Air	24 SCR021
G-CIFE	Beech B200	2 Excel	24 BRO33
24.OO-IDE	Ce525	Air Service Liège	2x 26
PH-NNX	Ce750	ASL	
25.OK-HAR	Ce560XL	Aeropartner	DFC61P
PH-CGN	Do228-212	Kustwacht	*NCG03
PH-TXA	Ce510	ASL	26
26.OK-XLS	Ce560XLS+	Silesia Air	SUA661/2
OO-IDE	Ce525	Air Service Liège	28
PH-BBJ	Ce560XLS+	ASL	
PH-TXA	Ce510	ASL	27
27.D-IEMO	Raytheon 390	Exxaero	
D-IENE	Ce525A	Dieter Eifler	28
I-AVNE	Lj40	Avianord	VND992
OO-PKX	Ce750	Air Service Liège	28
PH-BBJ	Ce560XLS+	ASL	
28.CS-LTP	Ce680A	NetJets Europe	NJE790Y/296T
OO-CEJ	Ce525	Air Service Liège	arr
SP-ENN	B737-8CX	Enter Air	ENT57CP/TS
29.CS-DQB	Ce560XLS	NetJets Europe	30 NJE882F/780F

D-IENE	Ce525A	Dieter Eifler	
PH-FVE	Spitfire LF XVI	SKHV	arr
PH-IIB	AT-16ND	SKHV	arr
PH-OUQ	Spitfire Mk.IX	SKHV	arr
PH-TBR	AT-16ND	SKHV	arr
PH-WMM	Ce525	ASL	
PH-XXV	B-25J	SKHV	arr
30.F-HBPE	ERJ145LR	Pan Européenne A/S	arr EUP421
N525L	Ce525B	Morgran Management	

Both Ramstein Super Hercules transporters arrived for a night stop while flying various memorial flights over Normandy. Between 7 and 11 June the 'trusted old lady' visited Nimes again for some TLC following some AOG moments in the weeks before. On 17 June another new MYCAAS II model CH-47F visited the GLV, finding their way into the GLV-V gradually. The Army Air Corps Wildcats arrived from Paderborn and after a refuel they continued onwards Westbound, towards the UK. Closing the month is the Air Force Historical Flight, seeking refuge for some of their airplanes during the runway renovations at Gilze-Rijen. We have to go back quite some years in time for the last time two Spitfires were operating out of Eindhoven.

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

Credits: EWAS, Oscar Sannen, Scramble MB.

Gilze-Rijen

				June 2021
03.L-11	PC-7	131EMVosq	*Diamond13	
OE-FDV	SC-7M-3	Pink Aviation (a/w)	04	
04.L-07	PC-7	131EMVosq	*Diamond09	
PH-PXD	EC135P2+	Nationale Politie	*ZXP04	
07.OE-FDV	SC-7M-3	Pink Aviation (a/w)	11	
PH-PXX	AW139	Nationale Politie	ZXP24	
10.J-014	F-16AM	312sq	*Fist02	
J-017	F-16AM	312sq	*Fist01	
L-03	PC-7	131EMVosq	*Diamond08	
L-10	PC-7	131EMVosq	*Diamond24	
N-088	NH90-NFH	860sq	Guardian24	
PH-DOC	H135	ANWB - MAA	*Lifliner2	
15.L-10	PC-7	131EMVosq	*Diamond14	
17.N-088	NH90-NFH	860sq	*Guardian23	
Q-01	AH-64DN	301sq	dep Apache06	
Q-24	AH-64DN	301sq	arr Apache06	
PH-PXD	EC135P2+	Nationale Politie	*ZXP04	
18.D-480	CH-47F	298sq	tst Grizzly91	
22.D-480	CH-47F	298sq	tst Grizzly91	
ZJ198	Apache AH1	4Regt	AAC443	
ZJ220	Apache AH1	4Regt	AAC443	
ZJ223	Apache AH1	4Regt	AAC443	
ZJ224	Apache AH1	4Regt	AAC443	
23.PH-DOC	H135	ANWB-MAA	*Lifliner2	
29.PH-FVE	Spitfire LF XVI	SKHV	dep	
PH-IIB	AT-16ND	SKHV	dep	
PH-OUQ	Spitfire Mk.IX	SKHV	dep	
PH-TBR	AT-16ND	SKHV	dep	
PH-XXV	B-25J	SKHV	dep	

The Skyvan movements continue from late May into early June at Gilze-Rijen. On 4 June the flying shoebox departed Gilze for night jumps from Eindhoven in the weekend, returning Monday 7 June and leaving for Czechia on 11 June. The third CH-47F of 298sq, D-480, performed some operational test flights on 18 and 22 June. The Poland/Baltics adventure of the four AAC Apaches ended so these helicopters returned back to the UK with a fuel stop on 22 June. Due to runway reconstructions, lasting till September, the Historical Flight moved some of its fleet to Eindhoven. The Mitchell, two Spitfires and two Harvards will continue training and making appearances with this solution.

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 2021
07. G-WVIP	Beech 200	Nowfly	08
11. LX-JFF	PC-12/47E	Jetfly Aviation	
14. J-003	F-16AM	312sq	*
J-063	F-16AM	312sq	*
16. PH-CGN	Do228-212	Kustwacht	*NCG01
17. J-055	F-16AM	312sq	*Burst01
Q-22	AH-64DN	301sq	*Apache11
22. 1x	F-16AM	312/322sq	*
24. M1	SA316B	40sq	
L-02	PC-7	131EMVOsq	
L-09	PC-7	131EMVOsq	*
PH-CGN	Do228-212	Kustwacht	

Local 860sq NH90-NFHs that have been active (flying) this month are N-088, N-110, N-164, N-175, N-227, N-326.

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 2021
01. 31+24	EF2000T	TLG73	GAFS04
02. G-781	C-130H	336sq (spec mks)	*NAF78
03. J-632	F-16AM	312sq (nmks)	18 Bonzo1/Bonzo-flt
07. FA130	F-16AM	2w	BAF272
J-879	F-16AM	322sq (td mks)	dep Sting3
J-882	F-16BM	312sq (fc mks)	tdy King1
PH-HVB	EC135T2+	ANWB - MAA	Lifeline1
09. J-644	F-16AM	322sq (td mks)	dep Polly01
16. L-06	PC-7	131EMVOsq	*Diamond13
L-12	PC-7	131EMVOsq	*Diamond10
17. J-008	F-16AM	312sq (fc mks)	16 Fist1/02
J-017	F-16AM	312sq (td mks)	16 Fist2/Metal1
J-641	F-16AM	312sq (td mks)	16 Crack01/Fist01
Q-22	AH-64DN	301sq	Apache11
23. FA107	F-16AM	10w	18 BAF504/501
28. FB20	F-16BM	10w/OCU	*BAF461
D-473	CH-47F	298sq	Grizzly83
G-273	C-130H-30	336sq	29 NAF36
Q-30	AH-64DN	301sq	Apache31
29. Q-13	AH-64DN	301sq	Apache12

The German Eurofighter, Belgian F-16 and various Volkel based F-16s movements are all related to the Weapons Instruction Course 2021. J-879 and J-644 departed for Volkel on their ELOT-transfer, End of Life Of Type, meaning these

jets will be parked at Volkel while awaiting their new career in the USA.

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

Lelystad

			June 2021
01. D-CFHZ	EMB505	DAS Private Jets	02
D-IHLB	Ce402B	Hansa Bild	
HB-TEN	Ce208B	Swiss Flight Services	
PH-MAV	P68C	Miramap Aerial Surveys	
02. PH-KIO	P2006T	Kavel 10	
07. G-IRTY	Spitfire Mk.IX	Boulbee Flight Academy	
PH-MAS	P68C-TC	Miramap Aerial Surveys	
PH-MAV	P68C	Miramap Aerial Surveys	
09. N142TW	Beech 58		dep
PH-KIO	P2006T	Kavel 10	
12. PH-KMR	GA-8	St.Ambulancevliegtuig	
13. D-FLAT	PC-12/47NGX		f/v
D-IHKW	Ce525	ProAir Aviation	
14. PH-MAS	P68C-TC	Miramap Aerial Surveys	
17. 9H-JOS	Ce560XLS	Luxwing	
D-CDAS	EMB505	DAS Private Jets	
N2114G	Ce208B	Mission Aviation Fellowship	dep
OO-ATO	Cabri G2	HeliCentre - Diatrans	arr tdy
18. D-CDAS	EMB505	DAS Private Jets	
19. PH-JFS	PC-12/45	Eurofilters Holding	
23. D-ILCG	Ce525A	ProAir Aviation	2x
SE-MFP	Fokker 50	Amapola Flyg (a/w)	arr APF9700
24. L-02	PC-7	131EMVOsq	*Diamond16
L-09	PC-7	131EMVOsq	*Diamond14
28. N2673D	Ce340A	Kees Meijer - Meijer Beheer	
N700VB	TBM-700B		30
30. N525L	Ce525B	Morgran Management	

The Spitfire on the 7th was on its way from Denmark to the UK. The Cessna on the 17th departed to Teuge after painting. On the 23rd the next customer for the local paint shop arrived.

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

Volkel

			June 2021
01. D-ISGS	AT68TP	SVEGE	02
03. J-014	F-16AM	312sq	arr Cowboy01
04. 2x	F-35A	322sq	*Bolt01, Bolt02
PH-XXV	B-25J	SKHV	
07. J-879	F-16AM	322sq	arr King01
08. J-005	F-16AM	312sq	dep NAF312
PH-LSK/B-64	AT-16ND	SKHV	



Amapola Flyg is some sort of a regular customer at the local paint shop the last few months. Fokker 50 SE-MFP arrived all white for some work by SATYS. (Lelystad, 23 June 2021, Richard Poeser)



The 18th aircraft to be dismantled by AELS was caught on camera by Tim Volmer when it arrived at Twente Airport on 16 June 2021. A320 B-HSI arrived from Hong Kong with stops in Bangkok and Dubai.

09.FB15	F-16BM	10w/OCU	*BAF451
J-146	F-16AM	312sq (nmks)	arr NAF312
J-644	F-16AM	322sq	arr Polly01
10.J-197	F-16AM	312sq	arr Cowboy01
Q-23	AH-64DN	301sq	*Apache23
11.FB23	F-16BM	10w/OCU	*BAF461
PH-FVE/3W-V	Spitfire LF XVI	SKHV	*
15.F-016	F-35A	322sq	*Bolt-flight
F-018	F-35A	322sq	*Bolt-flight
J-016	F-16AM	312sq	arr Bulldog01
Q-17	AH-64DN	301sq	*Apache12
17.N-088	NH90-NFH	860sq	Guardian23
23.PH-CGN	Do228-212	Kustwacht	
28.84-0083	C-21A	76th AS	Falcon36

The Cowboy01 flights from 3 and 10 June were returning Vipers from LCW Woensdrecht. Both NAF312 flights were heading or returning from Portugal with a new coat of paint. The USAFE C-21A Learjet is a nice visitor to close the month of June for Volkel.

Credits: SGVolkel.

Woensdrecht

June 2021			
03.J-014	F-16AM	312sq	dep Cowboy01
04.CS-TFY	A320-232X	Masterjet	dep LMJ302Y
07.9H-SLD	A320-214	SmartLynx Malta	dep LYX9381
08.Q-24	AH-64DN	301sq	tst Apache07
09.Q-24	AH-64DN	301sq	tst Apache07
10.J-197	F-16AM	312sq	dep Cowboy01
Q-24	AH-64DN	301sq	tst Apache07
14.D-102	CH-47D	298sq	*Grizzly-form
D-662	CH-47D	298sq	*Grizzly-form
D-667	CH-47D	298sq	*Grizzly-form
S-444	AS532U2	300sq	*Wildcat-form
S-454	AS532U2	300sq	*Wildcat-form
15.J-016	F-16AM	312sq	dep Bulldog01
16.2-VJWU	A330-302	GECAS (basic JAI c/s)	arr
9H-SLF	A320-214	SmartLynx Malta	dep
17.N-088	NH90-NFH	860sq	*Guardian23
Q-01	AH-64DN	301sq	arr Apache06
Q-24	AH-64DN	301sq	dep Apache06
21.D-ANEO	A319-153NX	K5 Aviation	25 KAY57
25.2-VJWR	A330-302	GECAS (basic JAI c/s)	tst

Two former Lauda Motion A320s headed towards SmartLynx Malta as their new owner. SLD went directly while SLF first went to Montpellier for another couple of weeks of storage prior to entry into service. The two Cougars on 14 June were overshooting while heading towards Gilze-Rijen. GECAS also brought in another former Jet Airways A330-300 on 16 June. Former VT-JWU arrived from Lourdes after spending there since 6 July 2019. On 25 June former VT-JWR performed a

periodical test flight. That same date the K5 Aviation ACJ-319neo departed back to Munich after a short maintenance visit.

Credits: Johan Havelaar, Scramble MB.

Texel

June 2021			
01.PH-HCD	G2CA	HeliCentre	
PH-PXD	EC135P2+	Nationale Politie	ZXP04
02.PH-KFB	DA42	KLM Flight Academy	KL7934
03.OE-XYK	R44	Heli & Co	
PH-WPB	PC-12/47E	Bonita Aviation	
04.L-11	PC-7	131EMVosq	Diamond03/15
L-11	PC-7	131EMVosq	Diamond15
PH-COM	PA30	Dutch Airline Pilots Aero Club	
PH-WTG	EC135P2+	HeliCentre	
PH-WTG	EC135P2+	HeliCentre	
06.PH-COM	PA30	Dutch Airline Pilots Aero Club	
07.PH-DTS	DA42	Twinstar Beheer	
PH-PXY	AW139	Nationale Politie	NCG04
08.PH-COM	PA30	Dutch Airline Pilots Aero Club	
PH-ECE	EC120B	Heli Holland Holding	
09.PH-KGJ	EC120B	Heli Holland Holding	
12.PH-KFB	DA42	KLM Flight Academy	*KL7918
14.PH-RYF	H269C	Heli Holland Holding	
15.PH-FVD	R44	Rotarywings	
16.L-08	PC-7	131EMVosq	Diamond09
L-12	PC-7	131EMVosq	Diamond16/10
PH-ECE	EC120B	Heli Holland Holding	
PH-PXX	AW139	Nationale Politie	ZXP24
PH-PXX	AW139	Nationale Politie	NCG04
PH-TAK	DA42	Happy Landings	
17.PH-HCD	G2CA	HeliCentre	
20.PH-DTS	DA42	Twinstar Beheer	
22.PH-FVD	R44	Rotarywings	
23.PH-FVD	R44	Rotarywings	
PH-PXY	AW139	Nationale Politie	ZXP25
24.L-02	PC-7	131EMVosq	Diamond16
L-09	PC-7	131EMVosq	Diamond14
PH-DKI	P68C	Zeeland Air	
PH-HGB	R44	HeliAir	
PH-LLN	H135	ANWB – MAA	Lifliner1
PH-PDK	EC120B	HeliFlight	
27.PH-AVV	R44	A. F. C. van Westerop	
PH-DTS	DA42	Twinstar Beheer	
28.PH-ZBZ	Beech C90A	Zeusch Aviation	

Credit: Texel Airport.

Twente

June 2021			
03.CS-PHD	EMB505	NetJets Europe	NJE503F/144H
OO-JAU	B737-8K5	TUI Belgium	JAF9612/961F

04. CS-DXV	Ce560XLS	NetJets Europe	NJE126B/467K	HK-5197	B737-476(F)	AerCaribe	ACL864/865
CS-PHO	EMB505	NetJets Europe	NJE749G/613B	HK-5312	B737-33V(F)	Lin. Aéreas Surameric.	LAU334/333
D-CMMP	EMB505	Pad Aviation	f/v 05 PVD86Q/77D	HP-1834CMP	B737-8V3	COPA	CMP288/289
07. CS-LTN	Ce680A	NetJets Europe	f/v NJE295W/184B	TG-TAJ	ERJ145LR	Transp. Aéreos Guatemaltecos	09
CS-PHA	EMB505	NetJets Europe	NJE538Y	06. HK-5288	B737-48E	GCA Air	GCA1538
D-IEFD	Ce525 (M2)	E-Aviation	08 EFD2F	07. G-NIKO	A321-211(F)	Titan Airways	AJT8134
OO-SRO	B737-86N	TUI Belgium	TFL073P/7323	YV638T	ATR42-300F	Vensecar Int'l (DHL c/s)	dep VEC1315
08. PH-IWS	Falcon 7X	Exxaero	XRO307/321	09. HI1052	ERJ145ER	Sky High Aviation	SHH931/941
09. CS-PHB	EMB505	NetJets Europe	NJE122M/402T	HI1058	CRJ200ER	Air Century	CEY151/152
D-CEFE	C-525C C.J4	E-Aviation	EFD4E	HK-5288	B737-48E	GCA Air	GCA1556
10. CS-PHI	EMB505	NetJets Europe	11 NJE747F/175M	PH-TFM	B787-8	TUI Netherlands	TFL398
OO-PCN	PC-12/47E	European Aircraft Private Club	f/v	10. 1706	HC-130H	Barbers Point	dep SHELL01
PH-FVD	R44	Rotor & Wings		HI1060	Ce525A	Helidosa	11
12. CS-PHL	EMB505	NetJets Europe	NJE74M/593T	P4-FCS	PA-31-350	Fast Delivery Services	
13. CS-DFG	Falcon 2000EX	NetJets Europe	14 NJE067G/262T	11. HI1053	ERJ145ER	Sky High Aviation	SHH940/941
14. OO-SRO	B737-86N	TUI Belgium	TFL7324	12. 9Y-TTI	ATR72-212A	Caribbean Airlines	BWA7400/8401
15. CS-LTN	Ce680A	NetJets Europe	NJE450Q/234F	HP-1831CMP	B737-8V3	COPA	CMP288/289
OO-NRG	R44	STB-copter		PH-GOV	B737-700	Government of the Netherlands	14
16. B-HSI	A320-200	Cathay Dragon	arr	13. HK-5288	B737-48E	GCA Air	GCA1557
PH-IWS	Falcon 7X	Exxaero	23 XRO321/582	14. 9H-NYC	ERJ190BJ	Air X Charter	15 AXY1509
17. CS-DXF	Ce560XLS	NetJets Europe	f/v NJE682Y/019T	15. HK-4541	BAe3201	SARPA	
18. N195JR	Beech 95	Buddy Holding		16. HK-4411	BAe3201	SARPA	
PH-FVD	R44	Rotor & Wings		17. C-GWWU	Ce560 Ultra	West Wind Aviation	
PH-TWN	Tecnam P2006T	Zelf Vliegen		18. HK-4262	B727-2F9(F)	Lin. Aéreas Surameric.	LAU334/333
22. CS-PHO	EMB505	NetJets Europe	23 NJE947D/928K	19. 78	Falcon 50MS	24F	23 FNY5019
CS-PHQ	EMB505	NetJets Europe	f/v NJE262F/341F	2004	HC-130J	Elizabeth City	arr CG2004
D-CHRA	Ce525C	E-Aviation	EFD4A	HK-4411	BAe3201	SARPA	
23. CS-PHB	EMB505	NetJets Europe	24 NJE478T/692A	HK-5139	B737-476(F)	AerCaribe	ACL1154/1153
CS-PHO	EMB505	NetJets Europe	NJE508A/298E	HK-5197	B737-476(F)	AerCaribe	ACL864/865
PH-GWS	Falcon 7X	Exxaero	05 XRO251/392	20. N660AS	Ce560XLS+	Sandals Resort Int'l	22
25. PH-IWS	Falcon 7X	Exxaero	30 XRO582/399	N737QS	CL-350	NetJets	
28. J-509	F-16AM	322sq	*Polly02	22. HK-5329	ERJ145LR	SARPA	23
J-628	F-16AM	323sq	*Polly01	N727QS	CL-350	NetJets	
D-CHRA	Ce525C	E-Aviation	29 EFD4A	N991HA	DHC-8-202	645 AESG (a/w)	arr BAT91
D-CTTT	Ce560XLS	Eurolink	f/v EUL3T	24. 9Y-JMC	B737-8Q8	Caribbean Airlines	BWA7400/8401
29. PH-PHB	Enstrom 480	Prince Helicopters		PZ-TSF	CeF406	Blue Wing Airlines	a/w
				25. 9Y-KIN	B737-8Q8	Caribbean Airlines	BWA7400/8401
				HI1058	CRJ200ER	Air Century	CEY581
				HK-4541	BAe3201	SARPA	
				HK-5357	B737-4K5(F)	AerCaribe	ACL864/865
				PJ-DVG	DHC-6-300	Divi Divi Air	del
				26. 9Y-TTI	ATR72-212A	Caribbean Airlines	BWA7400/8401
				28. HI1060	Ce525A	Helidosa	
				N532QS	Ce680A	NetJets	EJA532
				N743AX	B767-232B(F)	Amerijet International	AJT816
				29. 9Y-TTF	ATR72-212A	Caribbean Airlines	BWA7400/8401

The Airbus on the 16th was over 22 years old when it arrived at the airport. It was delivered to Dragonair in 1999. That airline was renamed Cathay Dragon in 2016, but this A320 has kept the old Dragonair livery. B-HSI will be disassembled by AELS.

Credit: EHTW spotters.

Hato (Curaçao, Dutch Caribbean)

June 2021			
03. PH-OYI	B767-304ER	TUI Netherlands	04 TFL7654/072P
PR-MKB	Lj31A	Aero Brasil	11
04. HI1045	Ce525B	Helidosa	
HK-4262	B727-2F9(F)	Lin. Aéreas Surameric.	LAU334/333
05. 1706	HC-130H	Barbers Point	tst SHELL01
HI955	Ce560XLS	Helidosa	

The Barbers Point Hercules on the 10th returned to Florida. Delivered as N411BJ the Piper on the 10th paid a first visit with its Aruban registration. Divi Divi Air finally took delivery of their fourth DHC-6 on the 25th.

Credit: Larry Every.



Ralph Hamaker was able to take this photo when A330-2-VJWU was ferried from Tabres to Woensdrecht on 16 June 2021. Former VT-JWU was already withdrawn from use on 22 March 2019.



CGNR 2004 entered missionization in May 2017 and was the Coast Guard's fourth HC-130J outfitted with the Minotaur Mission System Suite. The aircraft is based at Air Station Elizabeth City, North Carolina. (Curaçao, 21 June 2021, Larry Every)

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Transportes Aéreos Guatemaltecos took delivery of this Embraer in December 2017. ERJ145LR TG-TAJ is a former ExpressJet Airlines aircraft. (Curaçao, 5 June 2021, Larry Every)



Gran Colombia de Aviación is the current operator of this former Air Busan Boeing 737. HK-5288 was delivered to GCA Air in July 2018. (Curaçao, 6 June 2021, Larry Every)



Previously a passenger aircraft with Thomas Cook Airlines, this Airbus A321 was converted to a freighter and leased to Titan Airways. Scheduled to take up registration G-POWZ it still carries its old registration while on lease to Amerijet. (Curaçao, 7 June 2021, Larry Every)

Movements Belgium



Cirrus SF50 T7-HGW was delivered to Heinrich Weiss in March 2019. The jet was ferried from Düsseldorf to Antwerp for delivery to Blue Sky Aviation on the day this photo was taken. (Antwerp, 30 June 2021, Walter Van Brempt)

Antwerp

June 2021			
01.HB-FOZ	PC-12/45	Swiss Flight Services	02
HB-GLB	Beech B200	Swiss Flight Services	02
HB-LUA	P68C	Swiss Flight Services	tst
HB-LUN	P68C	Swiss Flight Services	tst
HB-TEN	Ce208B	Swiss Flight Services	02
M-ISTY	G280	Hampshire Aviation	
N600J	G550	Johnson & Johnson	02
OO-IDE	Ce525	Air Service Liège	02
PH-DFD	DA42	Bluetail Flight School	
SP-HPA	AS350B2	Helipoland	f/v 02
02.D-ABBA	Falcon 900LX	Eagle Aviation	f/v
F-HJFP	PC-12/47E	Get1Jet	
HB-LUA	P68C	Swiss Flight Services	tst
LX-JFR	PC-12/47E	Jetfly Aviation	
N23HJ	DA62	Flow Transfer International	del
OE-EKD	PC-12/45	Klaust Durst	f/v
OE-FHK	Ce510	GlobeAir	
OO-ACO	Ce510	Air Service Liège	03
OO-CCJ	Ce525	Air Service Liège	04 2x
OO-HMW	EC120B	Helimo	
OO-IDE	Ce525	Air Service Liège	03
PH-DFD	DA42	Bluetail Flight School	
PH-TXA	Ce510	ASL	09
03.CS-LTC	Ce680A	NetJets Europe	
D-BFIL	EMB545	Atlas Air Service	04
D-IHKW	Ce525	Eisele Flugdienst	05
D-ISUN	Ce525A	Challengeline	04
G-BWVZ	DHC-1	D. Champion	21
LX-AND	PC-24	Flying Group Luxembourg	04
OO-ACO	Ce510	Air Service Liège	04
OO-CCJ	Ce525	Air Service Liège	tst
OO-STE	AS350B3e	Stephex Stables	
PH-DFD	DA42	Bluetail Flight School	
04.ST47	SF260D	CC Air	
LX-JDV	Ce525 (M2)	Flying Group Luxembourg	06
N600J	G550	Johnson & Johnson	06
OO-ACO	Ce510	Air Service Liège	06
PH-UNC	Falcon 7X	JetNetherlands	06
05.CS-LTJ	Ce680A	NetJets Europe	06
D-CAGA	EMB505	Luxaviation Germany	06
F-HFTV	Beech 200	Aero Sotravia	20
LX-AND	PC-24	Flying Group Luxembourg	06
OO-HSA	AS355N	Heli Service Belgium	
PH-LGD	EMB550	ASL	
T7-LEO	DA42	L. Kolja	20
06.D-AERO	ERJ135BJ	Air Hamburg	
D-IHUB	Ce525A	Sylt Air	
HB-GLA	Beech B200	Swiss Flight Services	07
LX-AND	PC-24	Flying Group Luxembourg	10
LX-JDV	Ce525 (M2)	Flying Group Luxembourg	07
OO-ACO	Ce510	Air Service Liège	07
07.H29	A109BA	1w	
		CS-DVZ	
		F-HGET	
		HB-LUN	
		HB-LUZ	
		LX-JDV	
		N127QR	
		OO-CCJ	
		PH-DWS	
		PH-MYX	
		08.F-HEND	
		HB-GLA	
		HB-LUN	
		HB-LUZ	
		LX-JDV	
		M-INES	
		OK-RLV	
		OO-CCJ	
		OO-MJM	
		OO-MTM	
		09.ST48	
		D-IWIR	
		F-HFTV	
		G-HCNX	
		HB-LUN	
		HB-LUZ	
		M-IFFY	
		OO-ACO	
		OO-GEE	
		OO-IDE	
		OO-PCI	
		PH-TXA	
		PH-UNC	
		10.RN01	
		D-FWIT	
		F-HFTV	
		HB-LUN	
		LX-AND	
		OK-PVN	
		OO-HMW	
		OO-SDV	
		PH-DFB	
		11.D-FABS	
		D-GEWF	
		F-HFTV	
		M-GETS	
		OO-ACC	
		OO-ACO	
		OO-CCJ	
		OO-JOE	
		OO-STE	
		PH-JRC	
		12.F-HFTV	
		G-DHCC	
		N500J	
		OO-GEE	
		Ce550	
		PC-12/47E	
		P68C	
		P68C	
		Ce525 (M2)	
		Beech 300LW	
		Ce525	
		ERJ135LR	
		Ce650	
		Ce510	
		Beech B200	
		P68C	
		P68C	
		Ce525 (M2)	
		A109SP	
		G280	
		Ce525	
		SV-4E	
		R44	
		SF260D	
		Ce525A	
		Beech 200	
		EC155B1	
		P68C	
		P68C	
		Ce510	
		OO-ACO	
		PC-12/47E	
		Ce525	
		PC-12/47E	
		Ce510	
		Falcon 7X	
		NH90-NFH	
		PC-12/47E	
		Beech 200	
		P68C	
		PC-24	
		PC-12/47NGX	
		EC120B	
		Beech B300	
		DA42	
		PC-12/47E	
		DA42	
		Beech 200	
		PC-12/47E	
		Ce525A	
		Ce510	
		Ce525	
		R44	
		AS350B3e	
		ERJ135BJ	
		Beech 200	
		DHC-1	
		G550	
		PC-12/47E	
		Taespejo Portugal	
		Get1Jet	08
		Swiss Flight Services	15
		Swiss Flight Services	10
		Flying Group Luxembourg	
		A.Ruijgrok	
		Air Service Liège	
		Air Charters Europe	
		JetNetherlands	15
		AstonJet	
		Swiss Flight Services	09
		Swiss Flight Services	tst
		Swiss Flight Services	tst
		Flying Group Luxembourg	
		FFG Group	09
		Avcon Jet	09
		Air Service Liège	
		J. de Naeyer	
		P. Consultancy	
		CC Air	
		Wirtgen Group	11
		Aero Sotravia	tst
		GB Helicopters	f/v
		Swiss Flight Services	tst
		Swiss Flight Services	tst
		Xead	
		Air Service Liège	10
		Blue Sky Aviation	
		Air Service Liège	
		EAPC	
		ASL	13
		JetNetherlands	11
		1w	
		Air Alliance Express	
		Aero Sotravia	tst
		Swiss Flight Services	tst
		Flying Group Luxembourg	14
		OK Aviation Group	f/v
		Helimo	
		Savencia From. & Dairy Benelux	2x
		Bluetail Flight School	
		Schumacher Packaging	
		M. Haesslich	13
		Aero Sotravia	tst
		3FS Aviation	
		Air Service Liège	13
		Air Service Liège	15
		Air Service Liège	
		J & G	15
		Stephex Stables	
		JetNetherlands	
		Aero Sotravia	tst
		Invicta Aviation	13
		Johnson & Johnson	13
		Blue Sky Aviation	15

13. CS-EJA	Ce560XLS	EJME (Portugal)		18. M-ARTY	PC-12/47E	Creston (UK)	
F-HFTV	Beech 200	Aero Sotravia	tst	N63DR	Kodiak 100	E. Rossillon	21
HB-GLB	Beech B200	Swiss Flight Services	15	OE-FZA	Ce510	GlobeAir	19
HB-LUN	P68C	Swiss Flight Services	tst	OO-JOE	R44	J & G	
HB-LUZ	P68C	Swiss Flight Services	14	OO-PCM	PC-12/47E	EAPC	
OK-ILA	Ce525C	Letecke Muzeum Tocna		19. CS-DXZ	Ce560XLS	NetJets Europe	
OK-PVN	PC-12/47NGX	OK Aviation Group		CS-LTF	Ce680A	NetJets Europe	20
OO-ACC	Ce525A	Air Service Liège	15	D-LWLP	Ce525A	Excellent Air	
OO-IDE	Ce525	Air Service Liège	14	F-GJFA	Beech B200	Aero Sotravia	20
OO-PCN	PC-12/47E	EAPC		F-HFTV	Beech 200	Aero Sotravia	tst
PH-CJM	Ce680	ASL	15	N233KC	Falcon 900	TWC Aviation Inc	30
PH-JRC	ERJ135BJ	JetNetherlands	17	OE-FCO	Ce510	GlobeAir	f/v
PH-MYX	Ce650	JetNetherlands	15	OK-PCC	PC-12/47E	T-Air	20
14. ST41	SF260D	CC Air		PH-MYX	Ce650	JetNetherlands	21
D-CAWU	Ce560XLS	Adolf Wurth		PH-TXA	Ce510	ASL	20
F-HERE	Ce510	Astonjet		20. CS-LTE	Ce680A	NetJets Europe	
HB-GLB	Beech B200	Swiss Flight Services	tst	CS-LTO	Ce680A	NetJets Europe	21
HB-LUN	P68C	Swiss Flight Services	tst	D-CHRA	Ce525C	Eisele Flugdienst	
HB-LUZ	P68C	Swiss Flight Services	15	F-HFTV	Beech 200	Aero Sotravia	tst
M-GETS	PC-12/47E	3FS Aviation		OO-ACO	Ce510	Air Service Liège	23
N183TY	R44	Schuybroek Aviation		OO-IDE	Ce525	Air Service Liège	21
N940RW	TBM-940	Redwood Air	f/v	OO-VMF	Ce560XLS+	Air Service Liège	
OE-FZC	Ce510	GlobeAir		T7-SST	EMB505	Titan Avn San Marino	f/v 23
OO-ACO	Ce510	Air Service Liège	tst	21. D-IWIR	Ce525A	Wirtgen Group	24
OO-IDE	Ce525	Air Service Liège	15	LX-AND	PC-24	Flying Group Luxembourg	23
OO-MBP	PC-24	EAPC		LX-JDV	Ce525 (M2)	Flying Group Luxembourg	22
PH-UNC	Falcon 7X	JetNetherlands	15	OE-FNP	Ce510	GlobeAir	22
15. LX-AND	PC-24	Flying Group Luxembourg	17	OO-IDE	Ce525	Air Service Liège	22
OO-ACC	Ce525A	Air Service Liège	16	OO-STX	EC120B	Ilpam	
OO-MBP	PC-24	EAPC		PH-NNX	Ce750	JetNetherlands	
PH-CJM	Ce680	ASL		22. CH11	C-130H	20w	
PH-DFB	DA42	Bluetail Flight School		D-FORH	PC-12/47E	Air Independence	f/v
SP-NAR	Beech 1900D	Pronar	f/v	LX-JDV	Ce525 (M2)	Flying Group Luxembourg	
16. ST41	SF260D	CC Air		M-GETS	PC-12/47E	3FS Aviation	
ST48	SF260D	CC Air		N311EE	EMB505	Embraer Executive Aircraft	f/v 2x
D-CMXM	EMB505	Air Hamburg	17	OO-IDE	Ce525	Air Service Liège	24
F-HERE	Ce510	Astonjet		PH-DFB	DA42	Bluetail Flight School	
HB-FOZ	PC-12/45	Swiss Flight Services	17	PH-TXA	Ce510	ASL	23
HB-GLB	Beech B200	Swiss Flight Services	17	YU-PAA	ERJ135BJ	Air Pink	f/v 23
OO-GHE	Falcon 2000LX	Luxaviation Belgium		YU-PBB	Ce560XLS+	Air Pink	f/v
OO-IDE	Ce525	Air Service Liège	19	23. ST48	SF260D	CC Air	
OO-MAP	PC-24	EAPC		CS-CHI	CL-350	NetJets Europe	24
OO-STX	EC120B	Ilpam		CS-PHB	EMB505	NetJets Europe	
OO-VMF	Ce560XLS+	Air Service Liège	17	HB-FOZ	PC-12/45	Swiss Flight Services	24
PH-UNC	Falcon 7X	JetNetherlands	17	HB-JGD	Falcon 2000S	MSC Aviation	
SP-URS	Beech B200GT	POL-MOT Holding	f/v	OE-FIW	DA42	De Vleminck Air Service	
XA-CHG	G550	Operaciones Aviadore	arr	OE-FZC	Ce510	GlobeAir	
17. CS-DXZ	Ce560XLS	NetJets Europe		OO-ACC	Ce525A	Air Service Liège	24
CS-LTN	Ce680A	NetJets Europe		PH-DWS	ERJ135LR	Air Charters Europe	25
D-CAWU	Ce560XLS	Adolf Wurth		24. CN-TLA	Ce680	Airnc Direct	25
D-ISUN	Ce525A	Challengeline	01	CS-DXJ	Ce560XLS	NetJets Europe	
LX-AND	PC-24	Flying Group Luxembourg	21	D-ITAN	Ce525	Transavia Flug	
LX-JFA	PC-12/47E	Jetfly Aviation		F-HKAF	DA42	Aero Flandre Maintenance	
OO-ACO	Ce510	Air Service Liège	20	G-OXFE	PA-34-220T	Oxford Aviation Academy	f/v
PH-PNG	PC-12/47E	H.J. Heist		G-XJET	Lj45XR	ASL	del
PH-UNC	Falcon 7X	JetNetherlands		OE-FZD	Ce510	GlobeAir	
YU-SPB	Ce560XLS	Prince Aviation		OO-ACC	Ce525A	Air Service Liège	25



A recent addition to the American register is this Diamond DA62. New resident N23HJ was delivered to Antwerp on 2 June 2021. Although registered to Schuybroek Aviation it is owned by Istema subsidiary Flow Transfer International. (Antwerp, 23 June 2021, Paul Soons)



Scheduled to become OO-MED this Learjet is one of two aircraft recently delivered to a new offspring of the ASL Group at Antwerp. ASL Med Air will be the name judging by the tiles on the tail of G-XJET. (Antwerp, 24 June 2021, Walter Van Brempt)

OO-ACO	Ce510	Air Service Liège	25	T7-SST	EMB505	Titan Avn San Marino	01
PH-UNC	Falcon 7X	JetNetherlands		YU-PMK	Ce560XLS+	Air Pink	f/v 01
25.D-CYKP	Ce550 Bravo	B-Air Charter					
D-FLBK	PA-46-500TP	J. Schmidt-Staade	f/v				
D-IEGA	Ce525A	Proair Aviation	f/v 26				
F-GTVC	Beech 1900D	Twin Jet					
F-HGET	PC-12/47E	Get1Jet	26				
LX-JFR	PC-12/47E	Jetfly Aviation					
M-JN JL	Global XRS	Air Fleet Management	26				
OE-FPP	Ce510	GlobeAir					
OK-BII	Beech 400A	Praga Aviation					
OO-ACC	Ce525A	Air Service Liège					
PH-CJM	Ce680	ASL					
26.D-FWIT	PC-12/47E	Air Alliance Express					
D-IHKW	Ce525	Eisele Flugdienst					
M-JN JL	Global XRS	Air Fleet Management					
N279DH	PZL M-28	U.S. Air Force – SOC	f/v 27				
OO-PCJ	PC-12/47E	EAPC					
27.CS-LTD	Ce680A	NetJets Europe	28				
M-ARTY	PC-12/47E	Creston (UK)					
OO-ACC	Ce525A	Air Service Liège	28				
OO-PCM	PC-12/47E	EAPC					
PH-HWM	CL605	JetNetherlands					
PH-TXA	Ce510	ASL	29				
28.ST46	SF260D	CC Air					
9H-VCO	CL-350	VistaJet Malta	f/v 30				
LX-AND	PC-24	Flying Group Luxembourg	30				
N9912H	B75N1	H. Nordsiek					
OE-FZA	Ce510	GlobeAir					
OO-ACC	Ce525A	Air Service Liège	30				
OO-DTE	EC120B	Heliventure					
OO-MTM	R44	P. Consultancy					
PH-HWM	CL605	JetNetherlands					
PH-JRC	ERJ135BJ	JetNetherlands	01				
PH-JTJ	Ce680	ASL	01				
PH-UNC	Falcon 7X	JetNetherlands					
29.RN08	NH90-TTH	1w					
D-IJOA	Ce525A	Excellent Air					
OO-MAP	PC-24	EAPC					
30.CS-CHA	CL-350	NetJets Europe	01				
CS-LTM	Ce680A	NetJets Europe	01				
D-CSEB	Ce560XLS+	Adolf Wurth gmbh	01				
D-IIPN	PA-34-220T	P. Nagel	01				
F-HGLG	Lj75	Ixair					
F-HINC	Lj75	Agroair					
HB-LQP	PA-31T	Ursella					
N600HZ	EMB550	Liberty Jet Management	f/v				
N63DR	Kodiak 100	E. Rossillon	01				
OH-JFB	PC-12/47E	Hendell Aviation					
OO-IDE	Ce525	Air Service Liège					
OO-MAP	PC-24	EAPC					
PH-DWS	ERJ135LR	Air Charters Europe	02				
PH-KFB	DA42NG	KLM Flight Academy					
PH-MFA	DA42NG	KLM Flight Academy					
PH-TXA	Ce510	ASL	01				
PH-WMM	Ce525	ASL					
T7-HGW	Cirrus SF50	Blue Sky Aviation	del				

On the 2nd a new resident was delivered from Locarno, Switzerland. The DA62 still carries its American registration. The ASL Group will be expanded in the near future with ASL Med Fly. For now two Learjet bizjets have been acquired, with the first arriving on the 24th from Biggin Hill via Dortmund. It was deregistered the next day and is scheduled to become OO-MED. Highlight this month is the delivery flight via Antwerp on the 26th of a former U.S. Air Force Special Operations Command Skytruck. Previous in service with 6th SOS, 919th SOW as 10-0321/0324 the C-145A was reportedly on its way to Kenya. Well known Stearman 'Old Crow' arrived from Seppe on the 28th for shipping to the USA. The aircraft will spend some time flying in 'the greatest country' although a return date has not yet been set. A new addition for the fractional ownership program of Blue Sky Aviation was delivered on the 30th.

Credits: ASA Belgium vzw, Luchtzak.be forum.

Brussels

June 2021						
01.701	A319-132X	Government of Armenia	02			
604	A319-112	MH 59. Sz.D. REB.				
L1-01	Falcon 2000EX	Slovenian Air Force				
102004	Tp102C	TSFE				
9H-ANS	Global 6000	Alliance Executive Jets	dep			
9H-VCA	CL-350	VistaJet Malta	02			
LN-AWC	Lj45	Airwing	02			
LX-FLH	PC-12/47NGX	Jetfly Aviation	dep			
LX-RSQ	Lj45XR	European Air Ambulance				
OE-EMG	TBM-930	Goldeck	02			
02.9H-VCA	CL-350	VistaJet Malta	03			
CS-CHB	CL-350	NetJets Europe	dep			
CS-GLC	Global 6000	NetJets Europe	arr			
EC-LUX	A330-302E	Iberia				
F-HXPG	P180	Oyonair				
LN-AWC	Lj45	Airwing	05			
OE-FZC	Ce510	GlobeAir	arr			
OK-AOA	CL-300	CTR Group				
OK-TSD	B737-8Q8	Smartwings				
OO-SEA	A330-243F	CMA CGM Air Cargo	11			
OO-SFJ	A330-343E	Eurowings	arr BEL9902			
OO-SFP	A330-343E	Eurowings	arr BEL9904			
03.605	A319-112	MH 59. Sz.D. REB.				
L1-01	Falcon 2000EX	Slovenian Air Force				
00-0184	C-17A	758th AS	RCH527			
07-7184	C-17A	437th AW	RCH993			
CS-DLH	Falcon 2000EX	NetJets Europe				
D-CHZF	Ce550 Bravo	Tyrol Air Ambulance				
D-CKJE	EMB505	Air Hamburg	dep			
D-CKJE	EMB505	Air Hamburg	04			
D-CQAA	Lj45	Quick Air				
D-IBCG	Ce525A	ProAir Aviation				

LX-JFS	PC-12/47E	Jetfly Aviation		I-EDLO	BAe125-750	Alba Servizi	
LX-JFU	PC-12/47E	Jetfly Aviation	arr	LX-DCC	PC-24	Jetfly Aviation	
OE-FIT	Ce510	GlobeAir	dep	LX-PCB	PC-24	Jetfly Aviation	dep
04.604	A319-112	MH 59. Sz.D. REB.		LX-PCC	PC-24	Jetfly Aviation	dep
L1-01	Falcon 2000EX	Slovenian Air Force		OE-FRM	Ce510	GlobeAir	11
CS-TST	B767-34PER	euroAtlantic Airways	05	OE-GCZ	Ce525C	Avcon Jet	dep
F-HDMO	Falcon 8X	Dassault Aviation		11.00-0184	C-17A	758th AS	arr
F-HMXL	Ce550	Airlec	dep	03-3126	C-17A	6th AS	
M-DRIL	PC-12/47E	Pilatus Center (BIS)	07	CS-TQP	A330-202	Hi Fly	arr
OK-TSD	B737-8Q8	Smartwings		G-TUMS	B737-8	TUI Airways	f/n
05.CS-PHB	EMB505	NetJets Europe	dep	G-TUMT	B737-8	TUI Airways	f/n
D-BJMS	Falcon 50EX	European Air Transport	15	LX-JFD	PC-12/47E	Jetfly Aviation	dep
D-CHLR	EMB505	Atlas Air Service		LX-PCC	PC-24	Jetfly Aviation	arr
N400J	G650ER	Johnson & Johnson	06	OE-FRM	Ce510	GlobeAir	12
OE-FBD	Ce510	GlobeAir		VP-CAM	B737-7KK	Zhi Ji International	
OE-FIT	Ce510	GlobeAir	arr	12.17-0078	A400M	221 Filo	13 TUA315
06.05-4613	C-40C	73rd AS	07 SPAR18	99-0003	C-32A	1st AS	15 SAM490
7T-VPS	G-IVSP	Government of Algeria		CS-CHC	CL-350	NetJets Europe	arr
9H-VFC	CL-605	VistaJet Malta	arr	D-IEFD	Ce525 (M2)	E-Aviation	
CS-CHH	CL-350	NetJets Europe	dep	13.15001	CC-150	437sq	15 CFC01
D-AALJ	B777-F6N	AeroLogic	arr	2801	A319-115X	241.dlt	14
F-HDMO	Falcon 8X	Dassault Aviation		2/F-RAFP	Falcon 900	ET00.060	arr
HB-AZF	ERJ190E2STD	Helvetic Airways	arr	605	A319-112	MH 59. Sz.D. REB.	
LX-JFD	PC-12/47E	Jetfly Aviation	arr	07	C-27J	Transporto Esk	14
OE-FBD	Ce510	GlobeAir	dep	09-0016	C-32A	1st AS	15 SAM46
PH-MYX	Ce650	ASL		82-8000	VC-25A	PAS	15 AF1
TC-KRM	Global 5000	Fiba Air	07	40-MNE	Lj45	Government of Montenegro	15
YU-BTB	Ce550 Bravo	Air Pink		9A-CRO	CL-601-3A	Government of Croatia	14
07.G-FDZX	B737-8K5	TUI Airways	dep TOM926P	CS-EME	Falcon 900EX	Luxaviation Portugal	
LX-PCB	PC-24	Jetfly Aviation	dep	D-CHLR	EMB505	Atlas Air Service	
OK-IMO	Beech 400A	Airstream		F-HANN	PC-12/47	FOBYC	
PH-DWS	ERJ135LR	Air Charters Europe	dep	G-LEGC	ERJ135BJ	Luxaviation UK	
PH-WTC	Falcon 2000S	Cartier Europe		OM-BYA	A319-115X	Government of Slovakia	14
TC-KRM	Global 5000	Fiba Air	10	OY-MGA	Falcon 2000LXS	Air Alsie	14
08.LX-PCF	PC-24	Jetfly Aviation	09	TC-ANA	A319-115X	Government of Albania	14 TRK8
PH-LAU	Falcon 900EX	Exxaero		TC-TUR	A330-243X	Government of Turkey	arr
09.98-0054	C-17A	437th AW		Z3-MKD	Lj60	Government of Macedonia	arr
A7-BGB	B747-8F	Qatar Airways		14.C-215	CL-604	Esk 721	
CN-RGT	B787-9	Royal Air Maroc		68/F-RAFA	Falcon 7X	ET00.060	
CN-ROW	B767-343ER(F)	Royal Air Maroc		86/F-RAFB	Falcon 7X	ET00.060	
CS-CHA	CL-350	NetJets Europe		14+06	Global 6000	FBS BMVg	15 GAF648
CS-DLE	Falcon 2000EX	NetJets Europe	arr	15+01	A319-133X	FBS BMVg	
D-ALXX	A319-115X	K5-Aviation	arr	15+02	A319-133X	FBS BMVg	
D-CDDD	Ce560XLS+	DC Aviation		145-209	ERJ135LR	352 MMYP	
EI-LSY	G550	GainJet Ireland	10	605	A319-112	MH 59. Sz.D. REB.	
HB-FZZ	PC-12/47E	Pilatus Flugzeugwerke		MM62174	A319-115X	306° Gruppo TS	
PH-LAU	Falcon 900EX	Exxaero		017	C295M	8.BLTr (13.el)	
TC-RSB	Lj45XR	Red Star		L1-01	Falcon 2000EX	Slovenian Air Force	
VP-BIB	Ce25C	Omy Aviation	10	T.18-1/45-40	Falcon 900B	451 Esc	
10.G-273	C-130H-30	336sq	arr	75-0125	E-4B	1st ACCS	15 TITAN25
CS-EME	Falcon 900EX	Luxaviation Portugal		G-XATW	A321-253NX	RAF – Titan Airways	AWC647/8
CS-LTM	Ce680A	NetJets Europe	arr	HB-JIN	Falcon 900EX	JABJ	arr
D-CAAA	Ce560XLS+	DC Aviation		LZ-AOB	A319-112	Government of Bulgaria	dep
D-CYKP	Ce550 Bravo	Tyrol Air Ambulance		OE-FCO	Ce510	GlobeAir	
D-IAWG	Ce425	Aerowest		OE-FRM	Ce510	GlobeAir	
F-HANN	PC-12/47	FOBYC		OE-FZB	Ce510	GlobeAir	arr
HB-FZZ	PC-12/47E	Pilatus Flugzeugwerke		YU-SRB	ERJ135BJ	Government of Serbia	15



Beech 1900D 7T-WRF visited Brussels twice this month. The aircraft was delivered to Algerian Air Force in September 2001. (Brussels, 19 June 2021, Paul Sanders)



In Scramble 504 we published a nightly photo of this Titan Airways Airbus G-XATW. René Verschuur provided us with a photo of the A321 taken during day time on 14 June 2021 at Brussels.

15.17-0078	A400M	221 Filo	dep TUAF315	21.CS-PHL	EMB505	NetJets Europe	dep
	ZE701	BAe146 CC2	dep KRF29	D-CASH	EMB505	Air Hamburg	
	01-0015	C-40B	dep SAM669	D-CSCB	Ce560XLS+	Silver Cloud Air	22
	07-7171	C-17A	dep RCH375	EC-KPB	Ce560XLS	Initium Aviation	arr
	OY-CRJ	CRJ200LR		F-GOFX	Falcon 900B	Dassault Falcon Services	dep
16.1122	Ce560	SMURD	arr ROF418	LX-JFU	PC-12/47E	Jetfly Aviation	
	07-8614/RS	C-130J-30	arr HKY737	N308EL	G500	Eli Lilly and Co.	arr
	10-0217	C-17A	arr RCH274	N687GS	G650ER	Gilead Sciences	arr
	10-0220	C-17A	arr RCH915	OE-FCO	Ce510	GlobeAir	
	A7-CGD	G650ER		OE-GDF	EMB505	Speedwings	
	CS-GLB	Global 6000	arr	22.CS-DXG	Ce56XLS	NetJets Europe	arr
	D-CLBM	EMB505		F-HLRX	Falcon 2000S	Michelin Air Services	24
	D-CONE	Lj35A		F-WWQA	Falcon 8X	Dassault Aviation	
	HB-VER	Ce525A	dep	HB-JGD	Falcon 2000S	MSC Aviatio	
	LX-FLH	PC-12/47NGX	arr	LN-SUN	CL-604	Sundt Air	
	LX-FLI	PC-12/47NGX	arr	LX-EVM	Falcon 2000LX	Global Jet Luxembourg	dep
	OE-GLJ	Lj60XR	17	LX-FAA	H145	Grand-Ducale Police	
17.MM62285	P180	1° RV Pratica di Mare		OE-FCO	Ce510	GlobeAir	23
	G-273	C-130H-30	dep	OE-FSP	Ce525A	Pink Sparrow	23
	07-7181	C-17A	arr RCH233	OE-FZD	Ce510	GlobeAir	
	08-8200	C-17A	arr RCH341	YU-PAA	ERJ135BJ	Air Pink	f/v
	4L-GAA	CL-850	18	23.607	Falcon 7X	MH 59. Sz.D. REB.	25
	N702LT	G400		258	Lj45	102sq	arr IRL258
	OE-FRM	Ce510	dep	L1-01	Falcon 2000EX	Slovenian Air Force	
	OE-FZC	Ce510	arr	83-0499	C-12D	USE Budapest	24
	OY-CRJ	CRJ200LR		9A-CRO	CL-601-3A	Government of Croatia	25
18.298/F-RACD	DHC-6-300	GAM00.056	arr	9K-GEA	A319-115X	Government of Kuwait	24
	97-00102	UC-35A1		CS-CHG	CL-350	NetJets Europe	dep
	7T-VPS	G-IVSP		CS-DXJ	Ce56XLS	NetJets Europe	
	CS-PHM	EMB505	dep	D-AEOM	CL-604	MHS Aviation	24
	CS-TQP	A330-202	19	F-GRGP	ERJ135ER	Amelia	
	D-ABMR	G500	arr	G-TUMT	B737-8	TUI Airways	dep TOM920P
	D-CONE	Lj35A		N146QS	Global 6000	NetJets	
	F-GPNJ	Falcon 900EX		OE-FSP	Ce525A	Pink Sparrow	
	LX-PCF	PC-24		OE-HDU	CL-300	Laudamotion Executive	
	N919CA	B747-428(F)	div NCR424	OH-WIWI	CL-650	Jetflite	25
	OY-GDB	ERJ195LR		PH-TFU	B737-8	TUI Netherlands	01 f/v TFL63F/4F
19.7T-WRF	Beech 1900D	Forces Aeriennes Algeriennes		S5-CMM	Ce501	Janez Let	
	CS-DXG	Ce56XLS	arr	24.3085	A319-115X	241.dlt	25
	CS-LTM	Ce680A	20	C-215	CL-604	Esk 721	arr
	D-IDBA	Raytheon 390	arr	68/F-RAFA	Falcon 7X	ET00.060	25
	HB-FXC	PC-12/47E		678	G-V	352 MMYP	25
	N405QS	G450	20	MM62174	A319-115X	306° Gruppo TS	25
	N500J	G550	arr	07	C-27J	Transporto Esk	25
	OE-FZA	Ce510		T.18-1/45-40	Falcon 900B	451 Esc	25
	OE-FZE	Ce510	arr	102005	Tp102D	TSFC	25
20.97-00102	UC-35A1	1-214th AVN		4L-GAA	CL-850	Government of Georgia	
	5Y-KZE	B787-8	22	9H-VFD	CL-605	VistaJet Malta	dep
	CS-DOS	Ce525B	21	D-CITY	Lj35A	Air Alliance Express	
	CS-PHP	EMB505	dep	D-CXLS	Ce560XLS+	Air Hamburg	dep
	D-AFAB	CL-604	arr	F-GRGP	ERJ135ER	Amelia	arr
	F-HPUR	BAe125-800XP	21	F-HOLY	AW109SP	Skycam Helicopteres	dep
	HB-JGI	Falcon 7X	22	F-HRIB	Ce525	Valljet	
	M-AAAL	G650		HA-JEV	Ce650	Jet Stream	
	N703CK	B747-412(F)	dep	HB-JWA	CL-650	Swiss Air Ambulance	
	OE-FZE	Ce510	dep	LX-FLI	PC-12/47NGX	Jetfly Aviation	
	PH-TFT	B737-8	30 f/v TFL63F/4F	LZ-OOI	Falcon 2000	Government of Bulgaria	25

	OH-WIL	G150	Jetflite	25	G-LSCW	G550	Jet Concierge Club	
	OK-TAV	PA-42	Air Bohemia	25	M-ABEU	Lj45XR	Ryanair	arr
	OK-UGJ	Ce680	Smartwings	arr	OE-GBD	IAI1125SPX	Tyrol Air Ambulance	
	OM-BYB	Fokker 100	Government of Slovakia	25	OK-JFA	Beech 400XT	Time Air	
	SP-ENM	B737-8CX	Enter Air	25	OY-DRW	Falcon 7X	Air Alsie	dep
25.	253	CN235M-100	101sq	IRL253	PH-DWS	ERJ135LR	Air Charters Europe	
	258	Lj45	102sq	IRL258	PH-TFU	B737-8	TUI Netherlands	dep
	MM62181	KC-130J	50° Gruppo TM		TC-GLB	Global 6000	Barair	arr
	ZE701	BAe146 CC2	32(TR)sq					
	83-0499	C-12D	USE Budapest					
	9H-VFD	CL-605	VistaJet Malta					
	CS-PHF	EMB505	NetJets Europe	dep				
	CS-TQP	A330-202	Hi Fly	26				
	D-CIAO	Ce550	Aeroways					
	D-IHKW	Ce525	ProAir Aviation					
	OE-HOH	Ce750	Avcon Jet	arr				
	OH-JFB	PC-12/47E	Fly 7 Finland					
	OK-JFA	Beech 400XT	Time Air	26				
	YU-PAA	ERJ135BJ	Air Pink					
26.	9H-AGV	Lj40	Pontair					
	YR-FZA	Fokker 100	Carpatair					
27.	605	A319-112	MH 59. Sz.D. REB.					
	9H-VFA	CL-605	VistaJet Malta	arr				
	CN-SRL	Ce650	Sarah Airways	28				
	D-CJMK	Ce560XLS+	Air Hamburg	dep				
	D-JJOA	Ce525	Excellent Air					
	F-HXPG	P180	Oyonair					
	Z3-MKD	Lj60	Government of Macedonia	29				
28.	131/XQ	TBM-700A	ET01.041					
	L1-01	Falcon 2000EX	Slovenian Air Force	arr				
	D-ATOP	ERJ135BJ	Air Hamburg					
	D-CAGA	EMB505	PAD Aviation Service					
	D-CFHZ	EMB505	DAS Privat Jets	2x 29				
	D-IGST	Raytheon 390	Peak Air	arr				
	G-JOTE	BAe146-300QT	JOTA Aviation	arr				
	SP-ENX	B737-8Q8	Enter Air					
	YR-FZA	Fokker 100	Carpatair	29				
	YU-BNA	Falcon 50	Government of Serbia	29				
29.	7T-WRF	Beech 1900D	Forces Aeriennes Algeriennes					
	9H-VCC	CL-350	VistaJet Malta	arr				
	9H-VTD	Global 6000	VistaJet Malta					
	D-ISKO	Raytheon 390	Peak Air	dep				
	F-GVMA	Global 7500	LVMH Services					
	G-JOTE	BAe146-300QT	JOTA Aviation	dep				
	OE-EMG	TBM-930	Goldeck	30				
	PH-JWL	Falcon 2000LXS	Cartier Europe	30				
	PH-NXC	ERJ195E2STD	KLM Cityhopper	f/v 30				
	SE-RNR	CL-350	European Flight Service					
	YI-ASF	B737-81Z	Government of Iraq	arr IPF02				
30.	606	Falcon 7X	MH 59. Sz.D. REB.					
	MM62285	P180	1° RV Pratica di Mare					
	A7-CGB	G650ER	Qatar Executive	arr				
	CS-GLH	Global 6000	NetJets Europe	arr				
	D-ABMR	G500	BMW Flugdienst					

Two Airbus aircraft that have been operating for Eurowings were returned to Brussel Airlines on the 2nd. On that same day the fourth Airbus for CMA arrived back from Dublin after paintwork. The aircraft continued on its delivery flight to Liège on the 11th. On the 7th a departing TUI Airways after maintenance. Two former TUI Nordic aircraft destined for its UK counterpart were noted on the 11th with their British registration. National Airlines on the 18th was a Hahn diversion. Kenya Airways operated a government flight on the 20th. On the 20th and 23rd two factory fresh Boeing 737s for TUI Netherlands for a post delivery check. The first of two former TUI Nordic Boeing 737s was finally delivered to the UK on the 23rd.

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

Kleine Brogel

June 2021

02.CH07	C-130H	20sq	
54+31	A400M	LTG62	
04.OO-AAR	R44		
07.H29	A109BA	17sq	*
ST40	SF260D	CC Air	*
08.ST41	SF260D	CC Air	*
09.FA87	F-16AM	2w (special c/s)	*
10.ST47	SF260D	CC Air	*
11.H21	A109BA	17sq	*
16.FA89	F-16AM	2w	
18.ST41	SF260D	CC Air	*
21.CT01	A400M	20sq	*
09-9211	C-17A	62nd AW	22
23.ST42	SF260D	CC Air	*
24.ST46	SF260D	CC Air	*
25.ST42	SF260D	CC Air	*
28.ST42	SF260D	CC Air	*
30.CH05	C-130H	20sq	

The German A400M on 2 June was a nice change of sight from the regular 20sq A400Ms visiting. The other movements are a combination of the regular visitors, including the McChord based C-17A night stop.

Credits: Toon Cox, Edwin Huskens, Stephan Lodewijks, Jos Schoofs.



Beech C-12D 83-0499 is active with the United States Air Force since March 2015. Its current operator is USE Budapest. (Brussels, 23 June 2021, Paul Sanders)



Wim Houquet was able to get three out of four Wildcats in one photo during a fuel stop at Koksijde Air Base on 22 June 2021, with AH1 ZZ524 being the center of attention in this picture.

Koksijde

June 2021			
01.FA69	F-16AM	10w	*
FA87	F-16AM	2w (spec mks)	*
FB20	F-16BM	10w/OCU	*
02.FA69	F-16AM	10w	*
FB20	F-16BM	10w/OCU	*
ST40	SF260D	CC Air	*
03.FA57	F-16AM	2w	*
FA70	F-16AM	2w	*
FA134	F-16AM	2w	*
08.ST43	SF260D	CC Air	*
09.ST18	SF260M+	CC Air	*
10.FA77	F-16AM	10w	*
FA87	F-16AM	2w (spec mks)	*
FA118	F-16AM	2w	*
14.FA107	F-16AM	10w	3x *
16.ST16	SF260M+	CC Air	*
ST41	SF260D	CC Air	*
ST47	SF260D	CC Air	2x *
18.FA81	F-16AM	10w	*
FA116	F-16AM	10w	*
ST18	SF260M+	CC Air	*
22.ZZ388	Wildcat AH1	1Regt	*
ZZ389	Wildcat AH1	1Regt	*
ZZ408	Wildcat AH1	1Regt	*
ZZ524	Wildcat AH1	1Regt	*
23.FA94	F-16AM	10w	2x *
H24	A109BA	17sq	*
24.ST26	SF260M+	CC Air	2x *
278	AW139	301sq	*
28.ST47	SF260D	CC Air	*
29.RN08	NH90-TTH	18sq	*
30.ST46	SF260D	CC Air	*

Koksijde traffic from June 2021 shows a large number of fighter training visits. The four Wildcats on 22 June returned to Yeovilton after their deployment to Poland/Baltics ended. The Irish Air Corps AW139 on 24 June refueled after spending some quality time at the Agusta Westland facility in Liège as it resided since 22 February 2021.

Credits: Wim Houquet, Mike Derijcke, Christopher Noens, Niels De Ruyck, Kenny Plaetevoet, Davy Lucidarne.

Liège

June 2021			
02.CS-TFO	Lj40	OMNI Aviation	
03.CS-TFO	Lj40	OMNI Aviation	04
F-GPXR	SA226T	Pixair Survey	tdy 06

07.LX-RSQ	Lj45XR	European Air Ambulance	
PH-DWS	ERJ135LR	Air Charters Europe	
PH-NNX	Ce750	ASL	
08.OE-GKW	G100	Tyrol Air Ambulance	arr
PH-NNX	Ce750	ASL	
09.CS-LTA	Ce680A	NetJets Europe	arr
HA-KAO	ATR72-202F	Fleet Air International	arr
10.UR-CAJ	An-12BK	Meridian	11
11.OO-SEA	A330-243F	CMA CGM Air Cargo	15 - /ABB131
PH-MYX	Ce650	ASL	
12.UP-CS302	Ce525B	KazAirJet	
13.17-0078	A400M	221 Filo	15 TUAF315
OK-PPP	Beech 400XTi	Time Air	
14.D-CKNA	Ce525C	Star Wings Dortmund	15
F-HLRS	EMB505	Air Vendee	
15.281	PC-12/47E	104sq	IRL281
17.EI-GOT	A330-323E	I Fly	arr RSY9546
RA-76951	Il-76TD-90VD	Volga-Dnepr	18 VDA4817/4900
19.F-HSFJ	Ce680A	Astonjet	
20.CS-DVZ	Ce550	Taespejo Portugal	
D-IJOA	Ce525A	Excellent Air	
F-HLFE	Ce525B	Benoit Fretin Finances	
N838KE	G550	DTC	dep
N937SC	Beech B200	Southern Cross Aircraft LLC	
21.9H-ILV	CL-850	VistaJet Malta	arr
D-IRIZ	Ce510	Euro-Tour	23
22.CS-PHO	EMB505	NetJets Europe	arr
LX-FAA	H145	Grand-Ducale Police	
OE-FAT	Ce510	GlobeAir	
23.278	AW139	301sq	tst IRL278
283	PC-12/47E	104sq	2x IRL283
9H-VJM	Global 6000	VistaJet Malta	
F-HATV	Ce680A	Astonjet	
F-HGIM	Ce680A	Airales	
OE-IXA	B737-8AS(F)	FedEx	dep
24.278	AW139	301sq	dep IRL278
26.2-EMBR	EMB505	Air X	
27.D-ISAR	Raytheon 390	Euroflug Frenzel	
UP-CS302	Ce525B	KazAirJet	
28.D-BEAM	CL-300	Jet Pool Network	
29.9H-SUN	A340-312	Hi Fly Malta	29
30.G-JOTE	BAe146-300QT	JOTA Aviation	02 HFM646P/631
G-JOTF	BAe146-300QT	JOTA Aviation	
UR-CQV	An-26B	Vulkan Air	arr

The final of four CMA aircraft being operated by Air Belgium arrived from Brussels on the 11th. It operated its first service to Atlanta on the 15th.

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

Ostend-Bruges

June 2021			
01. A7-BAK	B777-3DZ(ER)	Qatar Airways	dep QTR283R
EC-GPS	SA227AC	Flightline	dep FTL821
ES-NSD	Saab 340B	NyxAir	dep NYX370P
HA-KAM	ATR42-320(F)	Fleet Air Int'	02 FRF801/800
HA-TAB	Saab 340A(F)	Fleet Air International	FRF101/100
PH-MYX	Ce650	ASL	dep
PH-NNX	Ce750	JetNetherlands	03
UR-82008	An-124-100M	Antonov Des. Bur.	ADB5723/5724
UR-82009	An-124-100M	Ant. Des. Bur.	02 ADB301F/551F
02. A7-BFN	B777-FDZ	Qatar Airways Cargo	QTR8146
A7-BFX	B777-FDZ	Qatar Airways Cargo	QTR8158
D-CNAG	SA227AC	Binair Aero Service	03 BID32A/41B
D-IAAD	EMB500	Arcus Air	03 AZE13AJ/69FF
G-JOTE	BAe146-300(QT)	JOTA Aviation	ENZ646/646F
HA-TAB	Saab 340A(F)	Fleet Air Int'	03 FRF101/100
OO-MMT	Ce560XL	Air Service Liège	03
OO-SUN	Ce510	Air Service Liège	04
PH-MYX	Ce650	Air Service Liège	
03. A7-BAN	B777-3DZ(ER)	Qatar Airways	04 QTR8893/283R
A7-BFI	B777-FDZ	Qatar Airways Cargo	QTR8156
N165SL	P180	Supair	dep
OO-MMT	Ce560XL	Air Service Liège	
SP-MRB	Saab 340A	IG Avion/SkyTaxi	IGA512/513
UR-82008	An-124-100M	Ant. Des. Bur.	04 ADB5725/5726
UR-82009	An-124-100M	Ant. Des. Bur.	04 ADB552F/3801
YL-RAK	ATR72-212A(F)	RAF-Avia	dep MTL869P
04. G-JOTE	BAe146-300(QT)	JOTA Aviation	ENZ651/651F
HA-TAB	Saab 340A(F)	Fleet Air Int'	06 FRF101/100
OE-FDT	Ce510	GlobeAir	GAC363H/192C
PH-NNX	Ce750	JetNetherlands	
05. A7-BAQ	B777-3DZ(ER)	Qatar Airways	06 QTR11KP/8642
ES-NSD	Saab 340B	NyxAir	09 NYX380C/383P
OO-PCJ	PC-12/47E	EAPC	
OO-SUN	Ce510	Air Service Liège	07
06. A7-BAQ	B777-3DZ(ER)	Qatar Airways	07 QTR8643/75PW
A7-BFV	B777-FDZ	Qatar Airways Cargo	QTR8184
OO-PAR	Ce525C	Luxaviation	dep AAB825
UR-82008	An-124-100M	Antonov Des. Bur.	ADB5727/527F
07. A7-BAK	B777-3DZ(ER)	Qatar Airways	08 QTR8893/283R
OO-SUN	Ce510	Air Service Liège	08
PH-NNX	Ce750	JetNetherlands	
08. D-IFIS	Ce525A+	StarJet Aviation	09 LXG22S
HA-KAO	ATR72-202(F)	Fleet Air International	FRF901/900
N727DL	Saab 340A	Napleton	
OO-SUN	Ce510	Air Service Liège	09
PH-NNX	Ce750	JetNetherlands	10
UR-CQD	An-26B	Vulkan Air	09 VKA119/100

09. A7-BAP	B777-3DZ(ER)	Qatar Airways	QTR8851
A7-BFL	B777-FDZ	Qatar Airways Cargo	QTR8146
D-IKBO	Ce525A+	Atlas Air	
M-IFFY	Ce510		
OY-JJJ	Hawker 4000	JoinJet	SUS451B/451C
PH-JTJ	Ce680	Exxaero	
UR-CQE	An-26B	Vulkan Air	VKA119/118
YL-RAK	ATR72-212A(F)	RAF-Avia	10 MTL878C/880P
10. CB-8003	C-17A	81sq	11 IFC3X21
A7-BAB	B777-3DZ(ER)	Qatar Airways	11 QTR8893/283R
F-GPLK	Beech 90		
G-JOTF	BAe146-300(QT)	JOTA Aviation	ENZ654/654F
LX-JFD	PC-12/47E	Jetfly Aviation	JFA69W/46Y
N165SL	P180	Supair	11
OO-SUN	Ce510	Air Service Liège	
TC-MCG	A300B4-622R(F)	MNG Airlines	MNB311/312
UR-CQD	An-26B	Vulkan Air	VKA119/116
11. D-ACLG	B737-46J(SF)	CargoLogic Germany	GCL814/815P
D-FAST	Ce208	Businesswings	JMP343B/351
G-JOTF	BAe146-300(QT)	JOTA Aviation	ENZ654/654F
HA-KAO	ATR72-202(F)	Fleet Air Int'l	13 FRF901/900
N165SL	P180	Supair	13
OE-GJB	Ce560XLS+	AvconJet	AOJ52B
OO-MMT	Ce560XL	Air Service Liège	
UR-CQD	An-26B	Vulkan Air	16 VKA117/112
UR-CQV	An-26B	Vulkan Air	15 VKA115/114
12. A7-BAP	B777-3DZ(ER)	Qatar Airways	13 QTR11KP/8642
EC-GPS	SA227AC	Flightline	15 FTL862/821
OK-PHM	EMB505	Atmospherica Aviation	dep
13. A7-BAP	B777-3DZ(ER)	Qatar Airways	14 QTR8643/87NW
A7-BFS	B777-FDZ	Qatar Airways Cargo	QTR8184
N165SL	P180	Supair	14
PH-NNX	Ce750	JetNetherlands	14
14. N165SL	P180	Supair	15
OO-SUN	Ce510	Air Service Liège	15
15. A7-BAN	B777-3DZ(ER)	Qatar Airways	QTR8893/283R
A7-BFK	B777-FDZ	Qatar Airways Cargo	-/QTR294E
CS-PHE	EMB505	NetJets Europe	NJE4EB
EC-GJM	SA227BC	Flightline	FTL912/921
HA-KAN	ATR42-320(F)	Fleet Air International	FRF701/700
HA-KAO	ATR72-202(F)	Fleet Air Int'	16 FRF901/900
LX-FPF	Ce525C	Flying Group Luxemb.	FYL51F/62F
OO-MMT	Ce560XL	Air Service Liège	
PH-JCV	PC-12/47NGX	NextGen Aviation	
SP-KPR	Saab 340A	SprintAir	16 SAR118/157
16. A7-BAN	B777-3DZ(ER)	Qatar Airways	QTR8851
A7-BFJ	B777-FDZ	Qatar Airways Cargo	QTR8146
N165SL	P180	Supair	17
OO-MMT	Ce560XL	Air Service Liège	18
OO-PCN	PC-12/47E	EAPC	



Former G-NPTB was transferred from West Atlantic to West Air Sweden as SE-RLK in October 2020. The Boeing 737 followed sistership SE-RLL which was transferred a month earlier. Note that it still carries the West Atlantic titles. (Liège, 19 June 2021, jochem Jottier)



5H-RJS is officially being operated by Air Excel since March 2019. The Cessna 208 was caught on camera at Ostend by Nik Deblauwe on its ferry flight back to the USA on 23 June 2021.

	OO-SUN	Ce510	Air Service Liège		26. A7-BAQ	B777-3DZ(ER)	Qatar Airways	27 QTR11KP/8642
	UR-CQV	An-26B	Vulkan Air	17 VKA113/114	A7-BFW	B777-FDZ	Qatar Airways Cargo	27 QTR8883
17.	17401	Falcon 50	Esq504	18 AFP27	D-CHLR	EMB505	Atlas Air Service	ATL9K
	A7-BAP	B777-3DZ(ER)	Qatar Airways	18 QTR8893/283R	G-CGMC	ERJ135ER	Eastern Airways	27 EZE9661/9662
	D-CDTN	Ce525C	Lux Flight Solutions		N231QS	CL-650	NetJets	27
	D-IAWG	Ce425	Aerowest Flugcharter		UR-EMD	ERJ190STD	Ukraine International	AUI3271/3272
	N165SL	P180	Supair	18	27. A7-BAQ	B777-3DZ(ER)	Qatar Airways	28 QTR8643
	OE-EPH	PC-12/47E	Goldeck Flug	18 GDK6	A7-BFA	B777-FDZ	Qatar Airways Cargo	QTR8184
	OO-SUN	Ce510	Air Service Liège	20	D-IAAT	EMB500	Arcus Air	28 AZE73GY/49JV
	PH-NNX	Ce750	JetNetherlands		G-CGMC	ERJ135ER	Eastern Airways	EZE9663/663
	SP-KPR	Saab 340A	SprintAir	18 SAR163	LX-JFZ	PC-12/47E	Jetfly Aviation	arr JFA29F
	TC-MCC	A300B4-622R(F)	MNG Airlines	MNB311/312	N200QS	CL-650	NetJets	28
	UR-CQD	An-26B	Vulkan Air	VKA111/108	TC-MCC	A300B4-622R(F)	MNG Airlines	MNB771P/931
18.	UR-CQE	An-26B	Vulkan Air	VKA113/178	UR-EMD	ERJ190STD	Ukraine International	AUI3171/3176
19.	A7-BAK	B777-3DZ(ER)	Qatar Airways	20 QTR11KP/8642	28. A7-BAK	B777-3DZ(ER)	Qatar Airways	29 QTR8893/283R
	YR-FZA	Fokker 100	Carpatair	KRP3130/3132	D-ICCC	CeF406	Air-Taxi Europe	TWG100/200
20.	A7-BAK	B777-3DZ(ER)	Qatar Airways	21 QTR8643/488Y	LX-FCB	PC-24	Flying Group Lux.	FYL31CB/32CB
	A7-BFU	B777-FDZ	Qatar Airways Cargo	QTR8184	N165SL	P180	Supair	29
	D-CAWB	Ce680	Aerowest		OO-TBB	SF50G2	Blue Sky Aviation	29
	LX-FLI	PC-12/47NGX	Jetfly Aviation	JFA14L/80U	29. D-IATE	CeF406	Air-Taxi Europe	TWG111/211
	N165SL	P180	Supair	21	D-ICCC	CeF406	Air-Taxi Europe	TWG100/200
	PH-JCV	PC/12-47NGX	NextGen Aviation		EC-NIR	SA227AC	Flightline	30 FTL622/741
21.	A7-BAB	B777-3DZ(ER)	Qatar Airways	22 QTR8893	HA-KAO	ATR72-202(F)	Fleet Air Int'l	30 FRF901/900
	D-CKJM	Ce560XLS+	Air Hamburg	AHO341L	HA-TAB	Saab 340A(F)	Fleet Air Int'l	30 FRF101/100
	N165SL	P180	Supair	22	N165SL	P180	Supair	arr
	PH-NNX	Ce750	JetNetherlands		PH-NNX	Ce750	JetNetherlands	30
22.	EC-MFY	P68	Flight Calibration Service	23	30. A7-BAK	B777-3DZ(ER)	Qatar Airways	QTR8851
	G-KARE	PC-12/47E	FlexiFly	23	A7-BFN	B777-FDZ	Qatar Airways Cargo	QTR8146
	HA-KAO	ATR72-202(F)	Fleet Air Int'l	23 FRF901/900	D-IAAY	EMB500	Arcus Air	AZE39QU/33QU
	PH-NNX	Ce750	JetNetherlands	24	D-IFFF	CeF406	Air-Taxi Europe	arr TWG244
	RA-82078	An-124-100	Volga-Dnepr	VDA4716	HA-KAM	ATR42-320(F)	Fleet Air International	arr FRF801
23.	5H-RJS	Ce208B	Alpha2Bravo UK	f/v	HA-TAG	Saab 340A(F)	Fleet Air International	arr FRF301
	A7-BAL	B777-3DZ(ER)	Qatar Airways	QTR8851	OO-TBB	Cirrus SF50	Blue Sky Aviation	
	A7-BFI	B777-FDZ	Qatar Airways Cargo	QTR8146	PH-NNX	Ce750	JetNetherlands	arr
	HA-KAO	ATR72-202(F)	Fleet Air Int'l	24 FRF901/900	SP-KPR	Saab 340A	SprintAir	arr SAR145
24.	A7-BAQ	B777-3DZ(ER)	Qatar Airways	25 QTR8893/283R	YL-RAG	Saab 340A(F)	RAF-Avia	arr MTL897C
	D-CAWB	Ce680	Aerowest	25				
	D-CAWR	Ce560	Aerowest					
	EI-LSY	G550	Gainjet Ireland	27				
	HA-KAN	ATR42-320(F)	Fleet Air Int'l	27 FRF701/700				
	N165SL	P180	Supair	25				
	N231QS	CL-650	NetJets	25				
	SP-KPZ	Saab 340A(F)	SprintAir	arr SAR132				
	TC-MNV	A300C4-605R	MNG Airlines	MNB311/312				
25.	D-IAAD	EMB500	Arcus Air	26 AZE23EK/79CY				
	D-INOB	Ce525A	Atlas air Service	26 ATL3Z				
	ES-NSD	Saab 340B(F)	NyxAir	arr NYX388C				
	G-CGMC	ERJ135ER	Eastern Airways	26 EZE966P/9660				
	N165SL	P180	Supair	26				
	OE-EPH	PC/12/47E	Goldeck Flug	GDK6				

EgyptAir Cargo:

SU-GCE 01, 03, 08, 10, 13, 15, 17, 18, 20, 22, 25

SU-GCF 01, 04, 06, 08, 11, 25, 27

SU-GCJ 03, 10, 17, 20, 22, 24, 29

No B747 freighters again however the number of Triple Sevens make up for this loss, also various Saab/ATR prop freighters in combination with various Antonov 26 and 124s. The General Aviation segment also kept busy this month while the most exotic visitor has to be the Tanzanian Cessna 208 on its delivery flight on 23 June.

Credits: Replo.be, Nik Deblauwe.

Military Movements Elsewhere



Welcome visitor coming in from Boufarik with call sign KJD590, is this Algerian CN235 7T-WGE. (Brussels, 1 July 2021, Chris Wells)

Germany

Geilenkirchen

			June 2021
01. D-AOLG	Fokker 100	Avanti Air	TAY5012/633P
02. 84-0162	C-12U-3	E/1-214 AVN	Duke59
07. D-HEGE	AS332L1	Bundespolizei	Pirol16
09. F-GZTP	B737-73S	ASL France	TAY581P/5015
F-GZTP	B737-73S	ASL France	TAY5016
10. F-GZTP	B737-73S	ASL France	TAY521P
17. F-GZTP	B737-73S	ASL France	TAY581P/5015
F-GZTP	B737-73S	ASL France	TAY5016
18. D-HVBI	EC135-T1	Bundespolizei	Pirol27
F-GZTP	B737-73S	ASL France	TAY521P
OO-TNO	B737-49R	ASL Belgium	TAY943P/5077
OO-TNO	B737-49R	ASL Belgium	TAY5078/943A (O)]
21. 59-1507	KC-135R	117th ARS (KS ANG)	RCH744
63-8875	KC-135R	117th ARS (KS ANG)	RCH037
D-AOLG	Fokker 100	Avanti Air	TAY5091/633P
OO-TNO	B737-49R	ASL Belgium	TAY5018/501P
23. 84-0096	C-21A	86th AW/76th AS	Falcon02
25. D-HVBX	EC135T1	Bundespolizei	Pirol29
28. F-GJFG	PC-12/45	DEGEDI Management	
OO-TNO	B737-49R	ASL Belgium	TAY502P/5013
30. OO-LAH	Falcon7X	Abelag Aviation	AAB283

Credits: Rolf Flinzner, Scramble Messageboard

Ramstein

			June 2021
01. 87-0028	C-5M	60th AMW	RCH892
00-0181	C-17A	167th AS (WV ANG)	03 RCH847
00-0183	C-17A	156th AS (NC ANG)	03 RCH889
01-0187	C-17A	62nd AW	dep Bandage800
01-0189	C-17A	155th AS (TN ANG)	dep RCH363
01-0189	C-17A	155th AS (TN ANG)	RCH363/400
05-5153/HH	C-17A	15th Wing/535th AS	dep RCH446
07-7178	C-17A	437th AW	dep RCH426
07-7179	C-17A	60th AMW	dep RCH532
07-7181	C-17A	437th AW	RCH820
07-7187	C-17A	437th AW	RCH865
09-9205	C-17A	437th AW	dep RCH855
10-0217	C-17A	62nd AW	2x
08-20164	HH-60M	C/2-1 Avn	Army20164
900530	C-26D	AOD Sigonella	dep CNV6431
02. 84+85	CH-53GS	HSG64	Mirty47
01-0187	C-17A	62nd AW	09
01-0192	C-17A	137th AS (NY ANG)	RCH435
02-1100	C-17A	155th AS (TN ANG)	RCH250

04-4131	C-17A	305th AMW	RCH896
04-4134	C-17A	305th AMW	RCH832
05-5153/HH	C-17A	15th Wing/535th AS	04 RCH446/597
10-0220	C-17A	62nd AW	RCH811
73-1584/DM	EC-130H	55th ECG	Axis11
08-20164	HH-60M	C/2-1 Avn	Army20164
03. 86-0025	C-5M	436th AW	RCH555/897
00-0172	C-17A	156th AS (NC ANG)	RCH818
00-0184	C-17A	758th AS (AFRC)	RCH527
01-0192	C-17A	137th AS (NY ANG)	RCH435
02-1098	C-17A	305th AMW	RCH845
06-6166	C-17A	436th AW	RCH554
07-7173	C-17A	436th AW	RCH893
07-7184	C-17A	437th AW	06 RCH993/897
08-8192	C-17A	62nd AW	RCH827
09-9205	C-17A	437th AW	RCH855
09-9209	C-17A	62nd AW	RCH875
10-0215	C-17A	437th AW	2x
10-0219	C-17A	62nd AW	RCH874
04. 01	C-17A	SAC	07 Bartok93/94
82-0191	KC-10A	60th AMW	08 RCH549/Nacho81
98-0056/AK	C-17A	3rd Wing/517th AS	RCH873
00-0171/AK	C-17A	3rd Wing/517th AS	RCH877
01-0192	C-17A	137th AS (NY ANG)	06 RCH435
04-4131	C-17A	305th AMW	RCH896
06-6161	C-17A	60th AMW	RCH922
06-6166	C-17A	436th AW	RCH554
06-6168	C-17A	436th AW	RCH989/444
10-0215	C-17A	437th AW	RCH180/988
10-0220	C-17A	62nd AW	RCH811
18-1942	C-37B	89th AW	SAM605
13-5786	MC-130J	352nd SOW	Strix67
05. 85-0001	C-5M	436th AW	RCH814
02-1098	C-17A	305th AMW	RCH845
02-1100	C-17A	155th AS (TN ANG)	09 RCH250
05-5153/HH	C-17A	15th Wing/535th AS	RCH597/359
06-6168	C-17A	436th AW	RCH444/989
07-7179	C-17A	60th AMW	RCH868/106
168205	UC-12W	VMR-4	Atila05
06. 87-0044	C-5M	60th AMW	10 RCH557
00-0172	C-17A	156th AS (NC ANG)	RCH818/857
07-7184	C-17A	437th AW	RCH987/241
07-7186	C-17A	437th AW	RCH837/605
08-8192	C-17A	62nd AW	RCH827
08-8196	C-17A	62nd AW	08 RCH368/843
10-0215	C-17A	437th AW	RCH988/361

07.87-0036	C-5M	436th AW	RCH844	06-6164	C-17A	60th AMW	17 RCH650
00-0171/AK	C-17A	3rd Wing/517th AS	RCH877	10-0215	C-17A	437th AW	RCH152/Bandage13
04-4132	C-17A	305th AMW	10 RCH333/245	09-0017	C-32A	89th AW/1st AS	16 SAM18
08.0218	M-28B/PT	8.BLTr	10 PLF113	14.79+57	NH-90NFH	MFG5	GNV4350
1931	C-27J	Slovak AF	SQF101	85-0001	C-5M	436th AW	RCH636
82-0191	KC-10A	60th AMW	10 Nacho81	82-0191	KC-10A	60th AMW	Nacho81
98-0056/AK	C-17A	3rd Wing/517th AS	10 RCH873	01-0189	C-17A	155th AS (TN ANG)	RCH312
00-0172	C-17A	156th AS (NC ANG)	RCH857	02-1107	C-17A	62nd AW	RCH861/Bandage15
03-3123	C-17A	167th AS (WV ANG)	RCH812	06-6165	C-17A	436th AW	RCH990
07-7186	C-17A	437th AW	10 RCH605/837	07-7172	C-17A	60th AMW	RCH375
10-0215	C-17A	437th AW	12 RCH361/152	10-0215	C-17A	437th AW	Bandage13/RCH563
09.87-0036	C-5M	436th AW	RCH844	01-0015	C-40B	89th AW/1st AS	SAM669
98-0054	C-17A	437th AW	RCH470	15.84+91	CH-53GS	HSG64	Mity10
98-0057	C-17A	137th AS (NY ANG)	RCH888		D-HNHX	H145M	HSG64
00-0175	C-17A	305th AMW	RCH142	86-0024	C-5M	60th AMW	RCH440
01-0187	C-17A	62nd AW	dep 15	82-0191	KC-10A	60th AMW	17 Nacho81
03-3123	C-17A	167th AS (WV ANG)	11 RCH812/195	00-0184	C-17A	758th AS (AFRC)	RCH993/825
06-6166	C-17A	436th AW	RCH554/804	03-3127	C-17A	62nd AW	19 RCH457
07-7181	C-17A	437th AW	RCH620	07-7178	C-17A	437th AW	RCH1815
10-0217	C-17A	62nd AW	dep 16	10-0215	C-17A	437th AW	RCH563/Bandage20
18-1942	C-37B	89th AW	SAM605	08-6205	MC-130J	352nd SOW	Badger41
10.82-0191	KC-10A	60th AMW	14 Nacho 81	08-20165	HH-60M	C/2-1 Avn	Army20165
86-0028	KC-10A	305th AMW	RCH899	17-03120	AH-64E	1-1 Avn	Army03120
00-0172	C-17A	156th AS (NC ANG)	RCH857	16.ZE708	BAe146 C3	32(TR)sq	RRR1677
04-4132	C-17A	305th AMW	12 RCH245/565	84-0062	C-5M	60th AMW	RCH465
08-8194	C-17A	62nd AW	RCH851	87-0028	C-5M	60/349	RCH272
08-8196	C-17A	62nd AW	RCH843	01-0187	C-17A	62nd AW	22 RCH690/869
16-46013	KC-46A	133rd ARS (NH ANG)		02-1107	C-17A	62nd AW	19
84-00162	E/1-214	E/1-214 Avn	Duke62	04-4132	C-17A	305th AMW	RCH954/320
15-08197	CH-47F	B/2-1 Avn	Army08197	07-7181	C-17A	437th AW	"RCH813/RCH233"
11.1931	C-27J	Slovak AF	SQF101	07-7183	C-17A	437th AW	RCH251
86-0025	C-5M	436th AW	RCH455/545	08-8201	C-17A	62nd AW	RCH343
00-0184	C-17A	758th AS (AFRC)	13 RCH202/414	10-0215	C-17A	437th AW	19
02-1107	C-17A	62nd AW	RCH861	11-9001	E-11A	430th EECS	Blackwolf14
03-3125	C-17A	305th AMW	dep 14	97-01944	C-37A	OSACOM/PAT	PAT44
03-3126	C-17A	305th AMW	13 RCH344/221	90-26260	UH-60L	A/2-1 Avn	Army26260
06-6166	C-17A	436th AW	RCH804	10-20314	UH-60M	A/1-214 Avn	Duke45
07-7169	C-17A	436th AW	RCH160/994	17.85-0002	C-5M	436th AW	26 RCH819
07-7181	C-17A	437th AW	13 RCH620	86-0024	C-5M	60th AMW	RCH440
08-8201	C-17A	62nd AW	RCH370	87-0036	C-5M	436th AW	RCH859
16-46013	KC-46A	133rd ARS (NH ANG)	17 Nacho71	82-0191	KC-10A	60th AMW	Nacho81
90-26266	UH-60L	A/2-1 Avn	Army26266	93-0600	C-17A	155th AS (TN ANG)	RCH872
12.01-0194	C-17A	89th AS (AFRC)	RCH870	00-0172	C-17A	156th AS (NC ANG)	RCH802
04-4132	C-17A	305th AMW	14 RCH565/954	03-3125	C-17A	305th AMW	RCH308
04-4136	C-17A	305th AMW	16 RCH346	03-3125	C-17A	305th AMW	RCH725
07-7183	C-17A	437th AW	RCH251	04-4132	C-17A	305th AMW	2x
166696	C-40A	VR-59	CNV612	05-5143	C-17A	89th AS (AFRC)	RCH407
13.84-0062	C-5M	60th AMW	RCH890	16-46013	KC-46A	133rd ARS (NH ANG)	19
98-0051/AK	C-17A	3rd Wing/517th AS	17 RCH342	18.82-0191	KC-10A	60th AMW	23 Nacho81/RCH549
00-0185/AK	C-17A	3rd Wing/517th AS	17 RCH953	83-0078	KC-10A	60th AMW	RCH868



This Czech Air Force A319 2801 is used whenever some brass needs to go to the NATO in Brussels. (13 June 2021, Maikel de Vaan)



Registration 9A-CRO has been used for the VIPs for a while, although this is the second use, a CL-604 with construction number 5322. (Brussels, 13 June 2021, Carlos Geurts)

76-0171	C-12C	USE Rabat	Fenec28	02-1107	C-17A	156th AS (NC ANG)	RCH833
03-3119	C-17A	183rd AS (MS ANG)	RCH923	07-7178	C-17A	437th AW	RCH1815
04-4136	C-17A	305th AMW	RCH544	168981	C-40A	VR-61	CNV4618
06-6168	C-17A	436th AW	RCH881	61-0294	KC-135R	314th ARS (AFRC)	RCH110/Nacho81
07-7172	C-17A	60th AMW	RCH645	25.99-0168/AK	C-17A	3rd Wing/517th AS	
09-9207	C-17A	437th AW	RCH234	99-0168/AK	C-17A	3rd Wing/517th AS	27
09-9209	C-17A	62nd AW	25 RCH553	02-1098	C-17A	305th AMW	RCH144
10-0219	C-17A	62nd AW	RCH277	03-3127	C-17A	62nd AW	RCH108/820
19.87-0030	C-5M	60th AMW	RCH824	04-4132	C-17A	305th AMW	27 RCH232/856
03-3119	C-17A	183rd AS (MS ANG)	RCH923	06-6166	C-17A	436th AW	RCH242
03-3127	C-17A	62nd AW	RCH457/869	26.84-0062	C-5M	60th AMW	29 RCH867
05-5141	C-17A	729th AS (AFRC)	21 RCH797/805	87-0035	C-5M	436th AW	RCH876
05-5143	C-17A	89th AS (AFRC)	RCH407	05-5150/HH	C-17A	15th Wing/535th AS	RCH830
07-7173	C-17A	436th AW	RCH403	07-7181	C-17A	437th AW	RCH706
18-46051	KC-46A	133rd ARS (NH ANG)	22	10-0215	C-17A	437th AW	Bandage66/RCH911
10-3026	C-146A	524th SOS	Glass50	04-0688	U-28A	318th SOS	RCH1020
20.93-0603	C-17A	89th AS (AFRC)	RCH860	05-0446	U-28A	318th SOS	RCH1016
00-0172	C-17A	156th AS (NC ANG)	RCH802/823	05-0597	U-28A	318th SOS	RCH1018
00-0182	C-17A	167th AS (WV ANG)	RCH150	27.87-0031	C-5M	337th AS (AFRC)	RCH628
04-4132	C-17A	305th AMW	RCH898	98-0053	C-17A	62nd AW	RCH552
04-4136	C-17A	305th AMW	RCH544	00-0184	C-17A	758th AS (AFRC)	RCH184
09-9210	C-17A	62nd AW	24 RCH450/926	01-0186	C-17A	436th AW	RCH562
10-0215	C-17A	437th AW	22	02-1100	C-17A	155th AS (TN ANG)	RCH585
10-0218	C-17A	62nd AW	RCH426	02-1107	C-17A	156th AS (NC ANG)	RCH833/880
21.84-0062	C-5M	60th AMW	24 RCH226	03-3115	C-17A	183rd AS (MS ANG)	RCH870
85-0008	C-5M	436th AW	RCH695	03-3126	C-17A	305th AMW	30 RCH828
96-0005	C-17A	137th AS (NY ANG)	RCH864	166696	C-40A	VR-59	CNV6627
98-0057	C-17A	137th AS (NY ANG)	RCH811	28.87-0042	C-5M	60th AMW	RCH438
02-1106	C-17A	62nd AW	29 RCH817	95-0104	C-17A	155th AS (TN ANG)	RCH812
03-3127	C-17A	62nd AW	RCH869/408	99-0168/AK	C-17A	3rd Wing/517th AS	RCH882
07-7181	C-17A	437th AW	RCH706	01-0186	C-17A	436th AW	RCH562
900530	C-26D	AOD Sigonella	CNV6421	03-3127	C-17A	62nd AW	RCH820/452
22.93-0603	C-17A	89th AS (AFRC)	RCH860	04-4132	C-17A	305th AMW	RCH856/171
05-5141	C-17A	729th AS (AFRC)	RCH805	90-0813/SP	F-16CM	52nd FW/480th FS	
10-0217	C-17A	62nd AW	RCH506	90-0828	F-16CM	52nd FW/480th FS	
18-46051	KC-46A	133rd ARS (NH ANG)	Nacho71	29.96-0002	C-17A	437th AW	RCH794
23.99-0168/AK	C-17A	3rd Wing/517th AS	RCH154	99-0166	C-17A	62nd AW	RCH815
00-0172	C-17A	156th AS (NC ANG)		02-1107	C-17A	156th AS (NC ANG)	
03-3125	C-17A	305th AMW	RCH508	06-6158	C-17A	60th AMW	RCH137/Bandage77
03-3127	C-17A	62nd AW	RCH408/108	08-8204	C-17A	437th AW	RCH1818
04-4132	C-17A	305th AMW	RCH898/232	09-9211	C-17A	62nd AW	RCH103
07-7172	C-17A	60th AMW	25 RCH175	18-46051	KC-46A	133rd ARS (NH ANG)	
09-9207	C-17A	437th AW	RCH234	30.79-1950	KC-10A	60th AMW	RCH822
10-0215	C-17A	437th AW	Bandage24/65	98-0054	C-17A	437th AW	RCH993/794
168981	C-40A	VR-61	CNV6418	03-3115	C-17A	183rd AS (MS ANG)	RCH870
18-46051	KC-46A	133rd ARS (NH ANG)	29 Nacho71	03-3127	C-17A	62nd AW	RCH452
24.87-0036	C-5M	436th AW	RCH899	07-7173	C-17A	436th AW	RCH994
98-0054	C-17A	437th AW	RCH897	08-8203	C-17A	62nd AW	RCH045
02-1100	C-17A	155th AS (TN ANG)	RCH585	09-9212	C-17A	437th AW	RCH835

10-0214	C-17A	437th AW	RCH405	07-7188	C-17A	437th AW	Rch323
90-0813/SP	F-16CM	52nd FW/480th FS	Ferret01/11	62-3542	KC-135R	314th ARS (AFRC)	19 RCH986
90-0829	F-16CM	52nd FW/480th FS	Ferret02/12	14.ZZ176	C-17A	24/99sq	RRR809
90-0833	F-16CM	52nd FW/480th FS	Ferret03/13	08-8200	C-17A	62nd AW	17 RCH912/341
91-0358	F-16CM	52nd FW/480th FS	Ferret04/14	10-0220	C-17A	62nd AW	16 RCH778
13-08134	CH-47F	B1-214 Avn	Grit22	N350EB	MC-12W	USSOCOM	16 JM65
				N6450L	MC-12W	USSOCOM	16 JM69
				15.N312AA	B767-223F	ABX Air	ABX2270
				16.86-0029	KC-10A	60th AMW	RCH436/686
				01-0191	C-17A	436th AW	RCH855
				17.05-5155/HH	C-17A	15	WG
				05-5143	C-17A	89th AS (AFRC)	RCH407
				58-0067	KC-135R	174th ARS (IA ANG)	Roma77
				19.87-0043	C-5M	337th AS (AFRC)	RCH674
				07-7172	C-17A	60th AMW	RCH645
				05-5141	C-17A	729th AS (AFRC)	RCH797
				20.01-0191	C-17A	436th AW	RCH855
				09-5711	MC-130J	9th SOS	RCH1007
				16-5862	MC-130J	9th SOS	RCH1005
				21.84-0192	KC-10A	305th AMW	23 Blue61
				85-0028	KC-10A	305th AMW	23 Blue71
				22.169792	C-40A	VR-51	CNV4634+G69
				23.N356KD	B-747-400F	Western Global	WGN0186
				24.LX-N90459	E-3A	NAEW&CF	NATO40
				25.ZZ336	Voyager KC2	10/101sq	27 RRR856
				26.63-9792/OF	KC-135V	55th Wing	30 Olive57/58
				13-5770	MC-130J	9th SOS	28 RCH1030
				28.61-0300	KC-135R	108th ARS (IL ANG)	RCH830
				29.61-0267	KC-135R	92nd ARW	RCH808
				30.N702CA	B-747-400F	National Airlines	CMB141

Credits: MAR, Scramble Messageboard

United Kingdom

Mildenhall			June 2021
01.16-5840/RS	C-130J-30	86th AW/37th AS	Herky721
900530	C-26D	AOD Sigonella	CNV6431
03.85-0007	C-5M	436th AW	07 RCH201/346
06-6166	C-17A	436th AW	RCH554
10-0215	C-17A	437th AW	RCH559
04.165739/QB	KC-130J	VMGR-352	"Raider15"
08-8603/RS	C-130J-30	86th AW/37th AS	Herky733
91-0313/LN	F-15E	48th FW/492nd FS	
05.87-0035	C-5M	436th AW	08 RCH207
98-0054	C-17A	437th AW	RCH996
07-7181	C-17A	437th AW	RCH172
10-0215	C-17A	437th AW	RCH988
05-5144	C-17A	729th AS (AFRC)	RCH161
07.5874/61-PQ	KC-130J	ET2/61	CTM2050
03-3126	C-17A	305th AMW	RCH163
07-7169	C-17A	436th AW	RCH552
07-7176	C-17A	436th AW	11 RCH150
00-0184	C-17A	758th AS (AFRC)	RCH165
17-5867	C-130J-30	19th AW	11 RCH365
159354	VH-3D	HMX-1	Knighthawk45
08.00-0175	C-17A	305th AMW	Rch142
05-5144	C-17A	729th AS (AFRC)	14 RCH998
05-5151/HH	C-17A	15th Wing/535th AS	RCH141
09.84-0096	C-21A	86th AW/76th AS	Falcon02
82-8000	VC-25A	89th AW/PAF	Air Force One
09-0016	C-32A	89th AW/1st AS	SAM46
74-0787	E-4B	1st ACCS	16 Grim99
159354	VH-3D	HMX-1	Knighthawk7
11.ZK369	Typhoon FGR4	12sq	Typhoon12
59-1511	KC-135R	92nd ARW	RCH842
63-8039	KC-135R	465th ARS (AFRC)	RCH891
N919CA	B747-428F	National Airlines	CMB141
N356KD	B747-446F	Western Global	WGN0186
12.63-9792/OF	RC-135V	55th Wing	15 Olive55/56
06-6165	C-17A	436th AW	RCH990
13.08-8193	C-17A	62nd AW	RCH699
07-7173	C-17A	436th AW	RCH135

Credits: MAR, Scramble Messageboard

Lakenheath			June 2021
08.86-0027	KC-10A	305th AMW	Blue31
59-1467	KC-135T	171st ARW (PA ANG)	10 Blue32
09.57-1441	KC-135R	174th ARS (IA ANG)	11 Roma62
58-0027	KC-135R	191th ARS (UT ANG)	11 Roma72
00-0175	C-17A	305th AMW	RCH142/828
14.07-8609/RS	C-130J-30	86th AW/37th AS	Herky670
16.17-5248/HL	F-35A	388th FW	25 Trend26
17-5259/HL	F-35A	388th FW	25 Trend27
17-5261/HL	F-35A	388th FW	25 Trend25
22.09-9211	C-17A	62nd AW	RCH105
24.G-THUN	P-47N	marked as 45-49192	

Credits: MAR, Scramble Messageboard



Russian Air Force's 224 Flight sent this lovely Il-76MD to Geneva. (12 June 2021, Robert Erenstein)

Civil News



WOW air from Iceland has been resurrected by its former management as PLAY. The airline has already taken delivery of two former Interjet A321neos of which TF-AEW is one. PLAY's inaugural service was on 24 June from Keflavik to London-Stansted. (London-Stansted, 22 July 2021, Shaun Simpson)

Manufacturers News

Dassault Aviation

During their 2021 financial release Dassault Aviation reported on their sales and backlog for the first half of 2021. Six Falcons have been delivered so far and thirteen Rafale fighters for export (India/Qatar). New orders were received for 25 Falcons, 6 Rafale fighters for Greece and 12 for France. The total backlog at that moment was 53 Falcons and 67 Rafales. The goal for 2021 remains to deliver 25 Falcons and 25 Rafales. With the Falcon 6X and 10X as their new prime models the order backlog will increase during the second half of 2021 and onwards.

Embraer

On 12 July 2021 Embraer received an order from Canadian airline Porter Airline for thirty Embraer 195-E2s and an option for another fifty. The third largest airline in Canada is seeking ways to expand their network and compete with Air Canada and WestJet, and have selected the largest E2 model over the A220-300. This order is Embraer's largest order for one single model this year and the first North American customer for their E2-brand. As we speak the orderbook for the 195-E2 holds over 280 orders, divided in firm orders and options.

On their Q2 2021 results Embraer announced on 21 July 2021, to have delivered a total of 34 airplanes that quarter. Of these 34 fourteen were commercial jetliners, including various EMB175s, one EMB190 and various EMB195-E2s. The twenty executive jets were divided in twelve light jets (Phenom 300 series) and eight large jets (Praetor 600 series).

United Aircraft Company

In order to display at the MAKS 2021 air show, MC-21 prototype number 005 was brought to Ulyanovsk by Irkut for a test campaign livery repaint. Prototype 005 is the first MC-21-310 model equipped with the Russian-build Aviadvigatel PD-14 turbofan engines. During MAKS 2021 prototype 005 flew together with MC-21-300 prototype 002, in order to display both versions.

Next to the Aviadvigatel PD-14, manufacturer United Engine

is also working on the PD-8 turbofan engine for the improved Sukhoi Jet 100. Along with a new engine and improved tail design the improved SJ100 is expected to perform better in line with customer expectations. From 2023 the new PD-8 engine is expected to be certified and ready for delivery to customers.

Gulfstream Aerospace

The final Gulfstream G550 was delivered on 1 July 2021. After eighteen years in production the stylish G-V successor stands down, after delivering a total of 631 business jets over all. The final airframe is reported to be msn 5628 and became VP-CBK for a private company. The G550 has been replaced by the G600 and together with the G500/G650ER/G700 models these next-generation Gulfstreams will grace the skies for decades to come.

Textron Aviation

As reported in Scramble 505 the first European customer for the Ce525C CJ4 Gen2 expected its first upgraded Citation late June 2021. The EASA (European Aviation Safety Agency) issued their certification on 17 June 2021, allowing the realisation of this delivery deadline and opening the European market for the CJ4 Gen2s.

More certification news for Textron as on 13 July, they announced that the EASA also approved their Cessna 700 model Citation Longitude for European operations and delivery to customers.

Big plans from US-based company Surf Air Mobility as on 20 July 2021, they have signed an order for up to a staggering 150 Cessna 208EX Grand Caravans. This includes 100 Caravans for the initial order and 50 on option. From Q2 2022 the first deliveries are expected. The aircraft will be upgraded to Surf Air Mobility's proprietary hybrid electric powertrain technology as a nine-seat variant of the iconic single-engine turboprop. Surf Air Mobility's hybrid electric system for the Cessna Grand Caravan is anticipated to be available as early as 2024, and is intended to expand Surf Air Mobility's regional flight network, connecting more airports with short

haul direct service across the United States, in the range of 50 up to 500 miles radius.

On 21 July 2021, Textron also announced an update on their Cessna Denali project. While the prototype first flight is expected later this year Textron stated they have changed the brand name from Cessna Denali into the Beechcraft Denali. As stated by Mr Ron Draper, President and CEO of Textron Aviation, "The Beechcraft Denali represents our continued strategy to invest in clean-sheet and current products in both our Beechcraft and Cessna iconic brands. Beechcraft turboprops are renowned for their versatility and reliability, and the single-engine Denali is a perfect complement to this legendary family of products". Although no further explana-

tion has been given it comes to mind that the Cessna brand is rather busy with their successful Citation line and supporting the electronic version of the Grand Caravan, while Beechcraft just completed the introduction of the new King Air 260/360 series. It now has some time to spare on a brand new product, in line with their Bonanza single engine platform knowledge and extensive King Air/Baron knowhow. The first prototype is already equipped with its new GE Aviation Catalyst engine and expected to join the ground-run phase in August 2021. Two more Denali prototypes are constructed for the test flying programme, as are three other prototypes for the ground testing programme. The certification and delivery to customers is scheduled for 2023.

Airliner News



Georgian Airways took delivery of 737-7CT 4L-TGO in May 2017. They transferred it to Armenia Aircompany as EK73786 in July 2019. On the first of July this year, the airline took delivery of the B737 again, but this time it became 4L-GTI. (Amsterdam-Schiphol, 4 July 2021, Robert Eikelenboom)

Europe

The Netherlands

Air France-KLM has issued a formal Request for Proposals to both Airbus and Boeing in which the group seeks offers for 160 narrow body aircraft. According to the CEO of the Group, discussions about new narrow bodies have been on the agenda since 2004 but never been so concrete as now. Under consideration are the A220, A320neo-family and the B737MAX and the aircraft are destined for [KLM](#) and [Transavia](#). If placed it will be the largest aircraft order for AF-KLM so far. No timeline has been given when the order will be placed but industry experts expect late this year or early next year.

Belgium

On 29 June, the Lufthansa Group Executive Board and Brussels Airlines Board of Directors approved the allocation of three A320neos to be added to the fleet of [Brussels Airlines](#) in 2023. The trio will be coming from the A320neo-family orders the Lufthansa Group has with Airbus. For Brussels Airlines it will be the first time in nineteen years that it's adding factory-new aircraft to the fleet. The three A320neos will be used to replace older A319s in the fleet.

France

The first of 60 A220-300s for [Air France](#) has been painted at the Airbus-plant at Mirabel. The latest addition to the airline's fleet is due to be delivered in September and will be registered F-HZUA (55134). During the first month, Air France will use its new A220 for crew training before being deployed on

commercial services. The airline is planning to use the A220s to replace its current fleet of eighteen A318s and 30 A319s as well as some of its oldest A320s. Air France will configure the A220 to carry up to 148 passengers.

Germany

[Lufthansa](#) will convert two of its A321s to P2Fs. Both will undergo the conversion in 2022 and will be used to support Lufthansa's growing short- and medium-haul cargo network. The A321P2Fs will be operated by Lufthansa CityLine and will be delivered in 2022 and based at Frankfurt. The airline has also, according to [airliners.de](#), decided to reactivate three of its eight B747-400s which will be used by the airline to cover for the delayed delivery of its B777-9s. The three Jumbos involved are D-ABVM (29101, currently parked at Hamburg), D-ABVX (29868, currently parked at Enschede) and D-ABTK (29871, currently parked at Teruel). The reactivation process has already been started and the planes are expected back in the sky in the coming months. To cater for premium demand, the airline will also reactive five A340-600s for flights out of Munich. The five will resume their duties at the start of the 2022 summer season. The five A340-600s that will be reactivated are D-AIHI (569), D-AIHP (771), D-AIHT (846), D-AIHU (848) and D-AIHV (897). All are currently stored at Teruel, together with their twelve sisters which are being offered for sale. And finally, Lufthansa will lease an additional A350-900. According to [Airfinance Journal](#), the aircraft will be leased from SMBC and is former Philippine Airlines RP-C3506 (243). It arrived at Munich on 10 July.

Greece

Greek carrier [SKY express](#) has ordered six ATR72-600s which will be used by the airline to replace its current fleet of five ATR72-500s. A first, SX-ELV (**1643**) has already been delivered on 30 June. This particular airframe was originally intended to go to Tunisair Express but was not taken-up. SKY express also operates five ATR42-500s and six A320neos and is using the latter to expand to European destinations like Amsterdam and Brussels.

Ireland

According to Airbus latest Orders & Deliveries overview, [Aer Lingus](#) has transferred its remaining orders for five A350-900s to an undisclosed customer. It's currently unclear if this is another airline within IAG. Aer Lingus initially ordered six A350-900s in 2008 with three more a few years later. Four of these, however, have since then been delivered to sister-carrier Iberia, with the remaining five deferred. The airline's fleet currently consists of 31 A320s, three A321s, eight A321neoLRs, three A330-200s and eleven A330-300s. It also has open orders for six more A321neo(X)LRs.

Italy

The successor of Alitalia, currently named [ITA - Italia Trasporto Aereo](#) is set to launch in October after the company received all the necessary approvals from the European Commission. Initially, ITA will launch with a fleet of 45 narrow bodies (ERJ175/190 and A320s) as well as seven widebodies (all B777s). Next year the fleet should grow to 78, with half of the growth coming from additional widebody aircraft. By 2025 ITA should operate 105 planes. According to Italian newspaper Corriere della Sera, the new carrier is also close to placing orders with both Airbus and Boeing for the A320neo-family as well as B787s. ITA is planning to first fly to 45 destinations at its launch, growing to 74 in 2025. It will operate out of Milan-Linate and Rome-Fiumicino and will initially employ almost 3,000 co-workers. In a press-statement, ITA has said that using the Alitalia-brand is a key success factor for the new airline but the EC has said the airline is not allowed to use the old name unless it pays for it. Therefore the administrators of Alitalia are planning to hold an open auction for the Alitalia-branding later this year with ITA planning to place a bid for the brand. However, as the auction will be open, the brand could also be bought by other bidders.

Russia

An LoI was signed by [Aurora Airlines](#) for eight SSJ100/95Bs. The airline will lease the aircraft via lessor GTLK and deliveries are expected to take place between 2022 and 2024. Aurora Airlines also signed a lease-agreement with GTLK for nineteen Il-114-300s, making the airline the launch customer for the type. The airline will use the new Il-114s to replace its An-24s. Both deals were announced during the MAKS2021 Air Show.

During the MAKS2021 Air Show, [Azimuth Airlines](#) has announced it has signed a lease-agreement with ALC for six A220-300s. The first is due to be delivered by summer next year. The airline will utilise the A220s in a single-class configuration, seating 148 passengers. It will base them at its bases at Krasnodar, Mineralnye Vody and Rostov-on-Don. Azimuth, which was founded in 2014 currently operates a fleet of fifteen SSJ100s.

[Red Wings](#) also signed a Letter of Intent at MAKS2021 to acquire 25 additional SSJ100/95Bs. The extra SSJs will be a combination of used and new aircraft and deliveries are set to begin this year and run until end next year. The airline, which is owned by Ilyushin Finance, a subsidiary of manufacturer UAC, already operates eight SSJs. It also has four A320s, eleven A321s, two B777-200ERs and one Tu-204 in its fleet.

Lastly, [Rossiya Airlines](#) has committed to fifteen additional SSJ100/95Bs at MAKS2021. These aircraft will be arriving before the end of this year, with the first three in August. Rossiya is currently in the process of taking on the 49-aircraft strong SSJ-fleet of Aeroflot and has so far taken delivery of 33 of them.

GTLK also signed an agreement at MAKS2021 with [Vologda Aviation](#) for three Il-114-300s. This company, specialised in aeromedical flights, currently operates a fleet of fifteen Mil helicopters and six Yak-40s. The newest version of the Il-114 is able to carry up to 68 passengers and can operate from gravel and unpaved airfields. It flew for the first time on 16 December 2020.

Switzerland

On 23 June, [Helvetic Airways](#) took delivery of its first of four E195-E2s. The aircraft, HB-AZI (**19020055**) arrived at Zurich on 25 June. The other three are expected to have arrived by



Another new airline: Eurowings' long haul operation has rebranded as Eurowings Discover. In time the airline will also operate A320s, but so far it mainly operates to the Caribbean and Africa D-AXGE was taken on strength by Eurowings in November 2016 and was originally delivered to Qatar Airways as A7-AFL in 2004. Interesting detail is that before launching Eurowings Discover, this Airbus A330-200 was used for training flights on Air Dolomiti routes with DLA flight numbers, replacing regular Embraers. (Frankfurt, 10 July 2021, Frank Schuchardt)



Pictured at the end of its delivery flight is Divi Divi Air DHC-6-300 c/n 347. PJ-DVG has a history that is as colourful as its livery and started its life in 1972 as VP-FAQ of the British Antarctic Survey. Speaking of the livery, an iguana is prominently featured on the fuselage of PJ-DVG. (Curacao, 25 June 2021, Larry Every)

the time you read this. Helvetic Airways has ordered a total of twelve E2s, with eight E190-E2s already in service. The airline also has five ERJ190s.

United Kingdom

Aer Lingus (UK) has received its AOC from the UK CAA on 9 July 2021, clearing the way for the company to launch operations as planned on 29 July. Aer Lingus UK-subsiary will operate out of Manchester and initially serve New York-JFK (NY) and Orlando (FL). In October this year, Bridgetown should be added and in 2022 Boston (MA). Aer Lingus (UK) will operate two A330-300s and one A321neoLR. All three aircraft will come from the mother airline. The first aircraft that has been transferred is A330-300 EI-ELA (**1106**), which was registered as G-EILA on 5 July 2021.

A new start-up from the UK, ZFG Air, has been presented to the press at Newcastle Airport. The airline was founded in December 2020 and plans to launch flights out of Newcastle with a (wet) leased “phreighter” A330-200 later this month. It will first fly to Dubai and Hong Kong. Later, the start-up wants to add three dedicated A330-200Fs and expand its network out of Newcastle with other destinations in Europe and the US.

Asia

China

On 27 June, the new and second airport of Chengdu, Tianfu International Airport, was officially opened. The first departing flight was a Sichuan Airlines-flight bound for Beijing. The airport features three runways and two terminals and has a capacity of 60 million passengers per year. Construction of the airport commenced in May 2016 and the airport will become the third largest hub in China after Beijing and Shanghai. The city’s current airport, Shuangliu is set to become a mainly domestic airport with a few selected international destinations, similar as the set-up of Shanghai-Hongqiao and Pudong Airport. Eventually, the airport has room to add two more terminals and three more runways, which will boost the airport’s capacity to more than 90 million passengers per year. Over the coming months, operations will gradually ramp-up at the airport, with airlines transferring their flights from Shuangliu Airport to the new Tianfu Airport. Tianfu also features a new Air China-base, with a new Airbus-maintenance facility, a cargo-hub and aviation food production facility.

Singapore

On 28 June, Scout became the latest A321neo-operator conducting its first commercial flight with 9V-NCA (**10229**). This particular A321neo was delivered to Singapore on 28 May 2021 and is leased via BOC Aviation. Two more have since then joined but are currently being prepared for entry into service. Scout is expecting a total of sixteen A321neos, ten leased and six ordered directly with Airbus. The type is configured in an all-Economy lay-out that can seat up to 236 passengers.

Taiwan

At Toulouse-Blagnac the first A350-900 for Starlux Airlines of Taiwan has rolled-out of the paint shop. The aircraft, currently registered F-WZGN (**480**), will be delivered in the coming months and become B-58501. The airline’s first of eight A330-900s has also been spotted at Toulouse. This aircraft wears the test-registration F-WWYY (**1981**). In total the airline has ordered ten A350-900s and eight A350-1000s. The eight A330-900s will be used as interim aircraft until sufficient A350s can be delivered. Currently, Starlux operates five A321neos and is expecting another five.

Middle East

Jordan

Jordan Aviation has unveiled a new corporate image. The first aircraft in the new livery is B767-200ER JY-JAL (**24239**), which was photographed at Amman on 24 June. Jordan Aviation was founded in 1998 and currently has a fleet of two A320s, two A330-200s, three B737-300s, one B737-400 and two B767-200ERs. The airline is specialized in charter-services and ACMI-operations.

Saudi Arabia

On 29 June, the Crown Prince of Saudi Arabia has announced plans to launch a second national airline that would operate next to Saudia. The new airline is part of the country’s 2030 plan to diversify its economy away from oil and establish itself as a regional logistics hub. Further details and timelines are currently unknown. What is known is that the country aims to establish links with 250 international destinations and that the new airline would also secure the doubling of cargo capacity. If successful, the two national airlines would become a rival to Middle Eastern powerhouse Emirates. Saudia, which was founded in 1975, currently serves more

than 130 destinations with its fleet of 158 aircraft. It also has a low-cost subsidiary, Flyadeal, which operates twelve aircraft to eleven destinations. The national carrier has, however, been struggling with profitability over the years and has been severely impacted by the Corona-pandemic.

United Arab Emirates

FlyDubai has announced it has cancelled 65 B737MAXs on order with Boeing. The move comes after the airline conducted a post-COVID fleet assessment. In 2013 and 2017 the FlyDubai ordered a total of 251 B737MAXs, consisting of 131 B737-8s, 70 B737-9s and 50 B737-10s. It's unclear which variants have been cancelled. Currently, the airline operates thirteen B737-8s and three B737-9s, alongside 36 B737-800s.

North America

Canada

WestJet has announced it will add dedicated freighters and will operate them under the WestJet Cargo brand. The aircraft chosen is the B737-800BCF and the first is to arrive in the second quarter of 2022. The airline is jumping on the cargo bandwagon to better serve the needs of its customers. The airline will predominantly fly cargo within Canada and plans to grow the fleet with additional B737-800BCFs next year. WestJet is not the first Canadian airline to add dedicated freighters as Air Canada also recently decided to add B767-300Fs to its fleet.

Porter Airlines has announced a large expansion plan that includes a firm order for 30 E195-E2s with purchase options on another 50. The order was previously booked and reported by Embraer this year as an undisclosed order. An interesting detail is that the airline previously held a commitment for 30 A220s, which the company has now confirmed has been cancelled with Airbus. Deliveries are set to start in the second half of next year and the airline is planning to operate them from Halifax, Montréal, Ottawa and Toronto-Pearson to popular leisure and business destinations in Canada, the Caribbean, Mexico and the United States. Porter Airlines was founded in 2006 and has its home at Toronto-Billy Bishop City Airport. It has a fleet of 29 DHC-8-400s, which are currently all parked due to the Corona-pandemic. The airline expects to resume operations by September.

Mexico

AeroMéxico has announced it has signed a lease-agreement with DAE for twelve B737MAXs. The first of the new aircraft is expected to arrive in October. AeroMéxico is adding the capacity to jump in the gap of grounded InterJet and to go head-to-head with Viva Aerobus and Volaris. Last April the airline renegotiated its outstanding orders with Boeing which resulted in the cancellation of 34 MAXs on order. Now it seems to be securing (part) of this capacity via a lessor. Currently, the airline operates a fleet of ten B737-8s and five B737-9s, next to its five B737-700s and 33 -800s.

United States of America

The Air Transport Services Group (ATSG) has announced it has acquired two A321s which it will convert to A321PCFs and lease-out via its Cargo Aircraft Management leasing subsidiary. Both aircraft will be converted by ATSG-subsiary PEMCO in Tampa (FL). Conversion of the first aircraft is to start in the fourth quarter of this year and the second one will be starting conversion in the second quarter of 2022. The A321PCFs are then ready for dry-lease to a Cargo Aircraft Management-customer in the second and last quarter of 2022. It is currently unknown which airframes are involved and which customers will lease the aircraft. ATSG has decided to accelerate its investments in mid-sized and mid-range freighter aircraft as demand for this type has grown significantly over the last year. Already back in 2017 the company decided to settle on the A321 and create a joint-venture with

Precision Aircraft to develop the A321PCF, which was certified by the FAA in last April. According to ATSG, the A321PCF is well suited for air-express service and e-commerce fulfilment over shorter routes and will complement the Group's existing fleet of B767Fs. It will also have a much better performance than the B757F and any B737F available.

Lessor Aviation Capital Services has ordered seven B737-800SFs with AEI. Earlier this year the lessor already ordered ten of them. In total, ACS has now ordered 21 B737-800SFs with AEI. The first aircraft of this order is set to undergo conversion in January 2022 at the authorised AEI Conversion Center, Commercial Jet, located at Miami (FL). Delivery to an ACS-customer is than expected to take place before the end of next year.

Lessor BBAM has announced it has ordered twelve additional B737-800BCFs with Boeing. In total the lessor has now ordered 31 B737-800BCFs. The additional aircraft will start to undergo conversion in 2022 and will be the first at Boeing's new conversion line with COOPESA in Costa Rica. So far, Boeing has sold more than 200 B737-800BCFs with sixteen different customers.

The rumours were swirling on the internet for a while but now Delta Air Lines has announced it will add 36 additional aircraft to its fleet. The airline has agreed to purchase 29 B737-900ERs via Castlelake and will lease seven A350-900s via AerCap. All aircraft should be delivered before the end of Q1-2022. The B737-900ERs are former Lion Air-aircraft, while the A350s were previously operated by LATAM. Two of these have already been handed over and registered: N571DZ (**064**, former PR-XTF) and N575DZ (**282**, former PR-XTK). Both are currently residing at Victorville (CA). With these latest additions, Delta's fleet of B737-900ERs will grow to 159 and the A350-fleet to 42. Together with the additional order for 25 A321neos placed earlier this year, the airline is well on track in simplifying its fleet by replacing older aircraft like the B777, MD-88 and MD-90.

FedEx has announced, in a call with investors about its Q4-2021 results, that it has decided to firm options on twenty B767-300Fs. The additional freighters are set to be delivered in FedEx's fiscal years 2024 and 2025. With this order, the cargo company has now ordered a total of 150 B767-300Fs with Boeing. Of these, 102 have so far been delivered. With two taken-over from Silk Way West Airlines, FedEx's current B767F-fleet is 104 aircraft strong. Next to the B767Fs, FedEx operates/utilises a fleet of twenty ATR42s, 23 ATR72s, 65 A300Fs, eight B737-400Fs three B737-800BCFs, 119 B757Fs, 46 B777Fs, thirteen MD-10Fs and 55 MD-11Fs. The remaining MD-10Fs (all -30Fs) are planned for retirement by the end of next year.

GECAS, which has embarked on a joint-venture with IAI to develop the B777-300ERSF, has decided to exercise options on three aircraft. The leasing giant now has a total of eighteen of the "Big Twin" on order, with twelve remaining options. At the same time, Kalitta Air, increased its lease-agreement with GECAS with two additional B777-300ERSFs, taking the total of planned aircraft to five. The US cargo carrier is the Big Twin's launch customer and expects the first aircraft in 2023.

Both Mesa Air Group and United Airlines have decided to commit to the new all-electric nineteen-seat ES-19 of Heart Aerospace. Mesa has committed to 100 aircraft, while United also wants to add 100 of them once the aircraft meets United's safety, business and operating requirements. Mesa will operate the aircraft for themselves as well as for United Express. Next to the commitment of 100 planes, Mesa also has decided to invest in the project. Heart Aerospace, based in Sweden expects the first ES-19 to be delivered to customers in 2026.



The next A340 to be used as freighter by Air X Charter is 9H-LFC, a former Iberia A340-642. The Airbus was taken on strength by Iberia in August 2003 as EC-IOB. The aircraft carries Air X World Cargo titles and is not in active use yet at the time of writing. (Châteauroux, 20 July 2021, Anton Homma)

According to CargoFacts, Florida-based Silver Airways is set to enter the dedicated cargo flying market by adding ATR42-500(F)s. The first aircraft are set to be based at Fort Worth-Alliance (TX) and operations are due to start in September 2021. Not only is the all-cargo business new for the airline, basing the ATR-freighters in Texas also means a big jump for the company as the airline is now based at Fort Lauderdale (FL) and flies only to destinations within Florida as well as to the Caribbean. Silver Airways currently has a fleet of seven ATR42-600s, four ATR72-600s and seven Saab 340Bs.

United Airlines has announced the purchase of 270 aircraft. The order, the largest in the history of the airline and worth 33 billion USD, consists of 200 B737MAXs and 70 A321neos. The exact breakdown of the MAXs is 50 B737-8s and 150 B737-10s, which brings the total number of MAXs ordered by United to 420. The addition of the A321neos brings the commitment of United for the type to 120 as the airline already had orders for 50 A321neoXLRs. The order will be used to replace older aircraft in United's narrow body-fleet and means the airline will take delivery of 500 new aircraft in the coming years. According to the press release, United is set to take delivery of 40 new (narrow body) aircraft in 2022, 138 in 2023 and 350 in 2024 and beyond.

Oceania

Australia

Alliance Airlines has announced it has acquired two more additional ERJ190s. Both aircraft are purchased from Azorra Aviation and will join the fleet as quickly as possible after the aircraft have been painted at Norwich. The two ERJ190s were previously operated by Helvetic Airways and are currently registered M-ABOA (**19000354**, former HB-JVL) and M-ABOB (**19000420**, former HB-JVQ) and stored at Basle where they recently received regular maintenance. With these two additions, Alliance Airlines will have a fleet of 32 ERJ190s. Seven are already in operation and the remaining 25 will join in the coming twelve months. Five of the seven are currently operated for QantasLink and this is expected to rise to fourteen in the coming months.

Rex has announced it plans to grow its fleet of B737-800s from six to ten aircraft before the end of the year. The airline has already signed lease-agreements for two of the four aircraft with an unspecified lessor. The Australian airline took delivery of its first B737-800 in December and is since March

operating them from Melbourne to Sydney, Gold Coast, Adelaide, and Canberra and from Sydney to Gold Coast. The additional aircraft will allow Rex to open up new routes which will be announced shortly. Next to its six B737-800s, Rex also operates a fleet of 44 Saab 340s, making it the world's largest operator of the type. In total, the airline serves more than 60 destinations throughout all states in Australia.

Firm 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 2021 firm orders

Airbus Defense & Space	1	A330-200	
Avolon	18	A320neo	
	12	A321neo	
Delta Air Lines	25	A321neo	
Lufthansa	5	A350-900	
<u>Private</u>	1	ACJ319neo	
	1	ACJ330-300	
<u>Unidentified</u>	21	A220-300	(+1)
	10	A320neo	
	1	A321neo	
<u>United Airlines</u>	70	A321neo	
Total	165		(+73)

ATR 2021 firm orders

<u>SKY express</u>	6	ATR72-600	
Total	6		(+6)

Boeing 2021 firm orders

777 Partners	24	B737-8	
Air Lease Corporation	3	B737MAX	
Alaska Airlines	45	B737-9	
Atlas Air	4	B747-8F	
Dubai Aerospace Enterprise	14	B737MAX	
<u>FedEx</u>	18	B767-300F	
	1	B777F	
Lufthansa	1	B777F	
	5	B787-9	
Private	1	B737MAXBBJ	
Royal Australian Air Force	2	P-8A	
Silk Way West Airlines	5	B777F	
Singapore Airlines	11	B777-9	
SMBC Aviation Capital	14	B737-8	
Southwest Airlines	134	B737MAX	
Unidentified	20	B737MAX	
	1	B747-8	
	6	B777F	
	4	B787-10	

<u>United Airlines</u>	<u>250</u> <u>B737MAX</u>	
	(+200)	
USAF	27 KC-46A	
US Navy	9 P-8A	
Total	599	(+219)

Embraer 2021 firm orders

Congo Airways	2 E195-E2
<u>Horizon Air</u>	<u>9 ERJ175</u>

Porter Airlines	30 E195-E2
<u>Skywest Airlines</u>	<u>9 ERJ175</u>
Total	50 (+18)

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

Jetliners



Bulgarian Air Charter has rebranded to European Air Charter in May and this is now also noticeable on their aircraft as well, such as A320 LZ-LAC pictured here. Luckily, the change is only one word so the "repaints" should happen rather quickly. (Düsseldorf, 3 July 2021, Bill de Koning)

A220	-300	55121	YL-ABA	airBaltic. Delivered on 25 June.
A319	-112	1808	9A-BTJ	Trade Air (Addition Scramble 506 – Page 34). Since 22 July, Trade Air operates this aircraft on behalf of My Wings, a new airline from Pristina.
A320	-214	984	ES-SAQ	TUI fly Netherlands, ex ES-SAQ of SmartLynx Estonia. Delivered on summer lease on 2 July.
	-214	2665	5B-DDL	Tus Airways, ex 9H-AEN of Air Malta. Delivered on 25 June.
	-232	3275	LY-VUT	Heston Airlines, ex LZ-GNG of Genersis Aircraft Services. Delivered on 1 July. Former VH-VNC of Tigerair Australia.
	-232	3308	ES-SAZ	SmartLynx Malta, ex OE-IHZ of GECAS. Delivered on 5 July. Former VT-IHG of Indigo.
	-232	3409	9H-AMI	Avion Express Malta, ex OE-IGH of AMCK Aviation. Delivered on 21 July. Former HA-LPQ of Wizz Air.
	-214	3425	9H-SLH	Volotea Air, ex 9H-SLH of SmartLynx Malta. Delivered on lease on 29 June.
	-216	3576	EC-NON	Volotea Air, ex HS-ABG of Thai AirAsia. Delivered on 1 July. Registered in between as OE-IWZ of Wilmington Trust.
	-216	3765	EC-NOQ	Volotea Air, ex PK-AXF of Indonesia AirAsia. Delivered on 23 July.
	-214	3866	9H-SLI	SmartLynx Malta, ex EI-GVX of Azur Aviation. Delivered on 5 July. Former VQ-BDE of S7 Airlines.
	-214	3880	EI-GVY	AerCap, ex VQ-BDF of S7 Airlines. Registered on behalf of the lessor early July.
	-232	4328	9H-HUB	Airhub Airlines, ex 2-IGSA of World Star Aviation. Delivered on 14 July. Former VT-IGS of Indigo.
	-232	4757	ER-00007	FlyOne, ex VT-IEH of IndiGo. Delivered on 14 July. Registered in between as OE-IEY of Avolon.
	-214	5310	TS-INE	Nouvelair Tunisie, ex OE-IPN of GECAS - General Electric Capital Aviation Services. Delivered on 28 June.
	-214	5967	VQ-BRV	Rossiya - Russian Airlines, ex VQ-BRV of Aeroflot. Delivered on 19 July.
	-214	7264	LZ-FBI	Bulgaria Air, ex OE-INV of ICBC Leasing. Delivered on 29 June. Former XA-CBA of Interjet.
	-251N	9056	SU-BUM	Air Cairo, ex VP-CZE of GECAS - General Electric Capital Aviation Services. Delivered on 3 July. Former XA-ARG of Interjet.
	-251N	10079	SX-CHG	Sky Express. Delivered on 26 June. Test registration was F-WWIQ.
	-251N CJ	10196	6V-SEN	Government of Senega. Delivered on 10 July. Test registration was F-WWDS.
	-251N	10255	HZ-FAN	Flyadeal. Delivered on 15 July. Test registration was F-WWTO.
	-251N	10258	VP-BPM	Aeroflot. Delivered on 2 July. Test registration was F-WWIJ.
	-271N	10413	VQ-BYT	S7 Airlines. Delivered on 24 June. Test registration was F-WWTR.
	-251N	10442	HZ-NS45	Flynas. Delivered on 1 July. Test registration was F-WWBP.
	-251N	10530	HZ-FAO	Flyadeal. Delivered on 22 July. Test registration was F-WWTZ.
A321	-231	1366	YR-ADI	Air Moldova, ex LY-VEH of Avion Express. Delivered on 12 July
	-211	1972	N982CM	Cargo Aircraft Management, ex VP-CCH of ACG - Aviation Capital Group. Registered in the US on 13 July. Former G-TCDV of Thomas Cook Airlines. Aircraft was ferried to Tampa (FL) for cargo conversion on 24 June.
	-212	2115	9H-AMG	Corendon Airlines, ex 9H-AMG of Avion Express Malta. Delivered on summer lease on 7 July.
	-211	3098	UR-WRX	Windrose Airlines, ex F-GTAO of Air France. Delivered on 6 July.
	-251N	7939	TF-PLA	PLAY, ex N7939 of AerCap. Delivered on 3 July. Former XA-JHOE of Interjet
	-253N	8085	VQ-BJD	Nordwind Airlines, ex OE-IFY of ALC - Air Lease Corporation. Delivered on 2 July. Former LZ-HEI of Holiday Europe.
	-271NX	10295	HA-LVQ	Wizz Air. Delivered on 23 July. Test registration was D-AVXT.
	-251NX	10311	CS-TXH	TAP Air Portugal. Delivered on 23 July. Test registration was D-AZAB.
	-271NX	10336	HA-LVR	Wizz Air. Delivered on 30 June. Test registration was D-AVWX.



ETF Airways was founded in November 2020 and started operations in June 2021 with two Boeing 737-800s. It mainly operates charter flights across Europe. As far as we know, 9A-LAB, which is the airline's other B737-800 next to the pictured 9A-ABC, was the first B737-800 registered in Croatia. (Düsseldorf, 3 July 2021, Bill de Koning)

	-271NX	10340	D-AIEJ	Lufthansa. Delivered on 2 July. Test registration was D-AVYU.
	-271NX	10346	TC-LTF	Turkish Airlines. Delivered on 30 June. Test registration was D-AYAN.
	-251NX	10416	VQ-BKX	Ural Airlines. Delivered on 15 July. Test registration was D-AVWS.
	-271NX	10417	HA-LVZ	Wizz Air. Delivered on 13 July. Test registration was D-AZAR.
	-271NX	10424	HA-LVT	Wizz Air. Delivered on 12 July. Test registration was D-AVWU.
	-271NX	10446	N4048J	jetBlue Airways. Delivered on 24 June. Test registration was D-AVWQ.
	-271NX	10521	C-GOJC	Air Transat. Delivered on 29 June. Test registration was D-AZAE.
	-251NX	10595	VP-BXT	Aeroflot. Delivered on 24 July. Test registration was D-AVZC.
A330	-202	612	D-AXGE	Eurowings Discover, ex D-AXGE of Eurowings. Transferred on 12 July.
	-343E	937	9H-SMC	SmartLynx Malta, ex B-6112 of China Southern Airlines. Delivered on 8 July.
	-302E	1106	G-EILA	Aer Lingus UK, ex EI-ELA of Aer Lingus. Transferred on 5 July.
	-302E	1370	VP-BUP	Nordwind Airlines, ex M-ABLW of CDB Aviation. Delivered on 2 July. Former VT-JWT of Jet Airways.
	-941	1993	F-HHUG	Corsair. Delivered on 29 June. Test registration was F-WWKD.
A340	-313X	207	9H-	Airhub Airlines, ex YA-WTA of Kam Air. Delivered on 27 July.
	-642	431	9H-FFC	Air X Charter, ex EC-INO of Iberia. Delivered on 28 June.
A350	-1041	330	A6-XWC	Ethiad Airways. Delivered on 7 July. Test registration were F-WZFO and F-WXAC. The aircraft had been stored for almost two year sat Bordeaux, before being ferried to Abu Dhabi.
	-941	429	VP-BXD	Aeroflot. Delivered on 1 July. Test registration was F-WZNE.
	-941	441	VP-BXP	Aeroflot. Delivered on 2 July. Test registration was F-WZFW.
	-941	472	9V-SJB	Singapore Airlines. Delivered on 25 June. Test registration was F-WZFL.
	-941	452	B-323H	China Eastern Airlines. Delivered on 21 July. Test registration was F-WZNS.
	-941	499	SE-RSF	SAS Scandinavian Airlines. Delivered on 23 June. Test registration was F-WZGQ.
	-941	500	F-HTYJ	Air France. Delivered on 12 July. Test registration was F-WZGF.
B737	-476SF	24435	EI-STI	ASL Airlines Ireland, ex HA-FAW of ASL Airlines Hungary. Transferred on 3 July.
	-36N	28669	EP-AOB	Sepehran Airways, ex 9H-LBI of Hyperion Aviation. Delivered on 10 July.
	-76N	29885	G-NEWG	TAG Aviation UK, ex SE-RJU of SAS Scandinavian Airlines. Registered on 21 June.
	-75CBDCF	30513	4L-MWC	Myway Airlines, ex N707LN of Spectre Air Capital LLC. Delivered on 29 June as N707LN.
	-8Q8	30669	VP-BDG	Yakutia Air, ex VP-BDG of S7 Airlines. Delivered on 13 July.
	-8Q8	30684	SP-ESI	Enter Air, ex F-WTAW of Azur Aviation. This former Eastar Jet (HL8269) was delivered on 20 July.
	-8Q8	30688	SP-ESE	Chair Airlines, ex Enter Air. Delivered on summer lease on 21 July.
	-8Q8	30693	SP-ESK	Enter Air, ex SP-LWE of LOT Polish Airlines. Delivered on 25 June.
	-8ASBCF	33595	OE-IWB	ASL Airlines Belgium, ex EI-DLN of Ryanair. Delivered on 19 July.
	-8ASBCF	33612	OE-IWC	ASL Airlines Belgium, ex EI-DPO of Ryanair. Delivered on 25 July.
	-8ASBCF	33623	OE-IWA	ASL Airlines Belgium, ex EI-DPD of Ryanair. Delivered on 2 July.
	-8K5	34688	OY-JZM	Jettime, ex Jet Time. Resurrection of Jet Time, with a slightly different name. In operation per 1 July.
	-7CT	35086	4L-GTI	Georgian Airways, ex EK73786 of Armenia Aircompany. Per 1 July again with Georgian Airways. Was earlier registered 4L-TGO.
	-85R	35106	9H-TJE	Corendon Airlines Europe, ex EI-GSN of Klaatu Aircraft Leasing (Ireland) Ltd. Delivered on 27 June.
	-7HE (BBJ1)	36027	LX-MBJ	Global Jet Luxembourg, ex 9H-MBJ of Jet Aviation. Per 15 July.
	-86J	37740	TC-TJV	Corendon Airlines, ex LZ-DAD of DAE Capital. Delivered on 19 June.
	-8JP	39045	LN-DYJ	Norwegian, ex EI-FHR of Norwegian Air International. Transferred on 22 July.
	-8AL	39067	G-D RTP	Jet2, ex 2-TJFM of Carlow Aircraft Leasing Ltd. Delivered on 30 June.
	-8JP	39164	XA-OCA	AeroMéxico, ex SE-RRC of Norwegian Air Sweden. Delivered on 1 July as SE-RRC.
	-8AS	40309	VP-BDP	Nordwind Airlines, ex EI-EPF of Ryanair. Delivered on 26 June.
	-8AS	40311	VP-BDQ	Nordwind Airlines, ex EI-EPH of Ryanair. Delivered on 25 June.
	-82R	40724	UP-B3731	SCAT, ex TC-AEP of Pegasus Airlines. Delivered on 10 July as TC-AEP.
	-8JP	41140	LN-ENV	Norwegian, ex EI-FHK of Norwegian Air International. Transferred on 8 July.
	-800	41220	VQ-BHC	Pobeda, ex Aeroflot. Transferred on 2 July.
	-8JP	42071	LN-ENM	Norwegian, ex EI-FJH of Norwegian Air International. Transferred on 22 July.
	-800	42084	N840SY	Sun Country Airlines, ex SE-RRV of Norwegian Air Sweden. Delivered on 15 July.
	-800	42274	F-HUYB	Transavia France, ex SE-RRY of Norwegian Air Sweden. Delivered on 23 June.
	-8	44651	G-TUMU	TUI Airways. Delivered on 28 June. Line # 7535.
	-8	60056	TC-LCN	Turkish Airlines. Delivered on 29 June. Line # 7446.

	-8	60057	TC-LCO	Turkish Airlines. Delivered on 25 June. Line # 7453.
	-8	60058	TC-LCP	Turkish Airlines. Delivered on 29 June. Line # 7475.
	-9	60063	TC-LYB	Turkish Airlines. Delivered on 24 June. Line # 7433.
	-8-200	62328	9H-VUC	Malta Air. Delivered on 20 July. Line # 8019.
	-8-200	62330	EI-HGP	Ryanair. Delivered on 7 July. Line # 8077.
	-8-200	65082	9H-VUF	Malta Air. Delivered on 22 July. Line # 8054.
	-8-200	65877	9H-VUB	Malta Air. Delivered on 27 July. Line # 8013.
	-8-200	65879	EI-HGO	Ryanair. Delivered on 1 July. Line # 8071.
	-8-200	65881	EI-HGR	Ryanair. Delivered on 9 July. Line # 8091.
B747	-4B5BCF	25205	ER-	Aerotrans Cargo, ex N570B of Alta Airlines Holdings. Delivered on 28 June. Former HL7482 of Korean Air. Aircraft was phased by Korean in November 2021 and had been stored at Marana (AZ) since 12 March 2012, wearing registration N784BA of Boeing Aircraft Holdings Co. In May 2019 it received is N570B registration.
	-409	33734	N337JX	JetOneX, ex B-18210 of China Airlines. Registered in the US on 1 July. Aircraft is operated as a preighter by Longtail Aviation
	-4R7F	33827	LX-UCV	Cargolux Italia, ex LX-UCV of Cargolux. Noted with additional Italia titles early this summer.
B757	-8F	65779	N628UP	UPS - United Parcel Service. Delivered on 8 July. Line # 1565.
	-3CQ	32241	UR-AZN	Azur Air Ukraine, ex N786BC of BCC Equipment Leasing Corp. Delivered on 27 July. Ex Condor's D-ABOP.
B767	-338ERBCF	25363	C-GAZF	Amazon Prime Air, ex C-FWAD of WestJet. Delivered after freighter configuration on 23 June. Registered in between as N563AZ of Amazon Services LLC. First Canadian Amazon 767 Freighter. Aircraft is operated by CargoJet Airways.
	-338ERBDSF	25576	C-GAZI	Amazon Prime Air, ex C-GOGN of WestJet. Delivered after freighter conversion on 1 July. Registered in between as N521AZ of Amazon Services LLC. Aircraft is operated by CargoJet Airways
	-35HER	26387	N387AV	Avolon, ex C-GHLA of Air Canada rouge. Registered in the US on 1 July. Aircraft has been stored at Marana (AZ) since 23 June 2020.
	-323ERBCF	33085	A9C-DHU	DHL / DHL International Aviation Middle East, ex N346AN of American Airlines. Delivered after freighter conversion on 25 June.
	-300F	63126	N196FE	FedEx Express. Delivered on 13 July. Line 1245.
	-300F	66247	N278FE	FedEx Express. Delivered on 9 July. Line # 1244.
B777	-212ER	30871	EI-GWA	AlisCargo Airlines, ex N528BC of Boeing Capital Corporation. Delivered on 25 June. Former CC-BKB of LATAM Airlines Chile and 9V-SKF of Singapore Airlines.
	-367ER	35301	VQ-BXJ	Azur Air, ex B-KPH of Cathay Pacific Airways. Delivered on 21 July.
	-F	40676	N870FD	FedEx Express. Delivered on 29 June. Line # 1699.
	-F	66862	D-AALS	DHL / AeroLogic. Delivered on 25 June. Line # 1698.
B787	-9	63317	OE-LNN	BOC Aviation, ex G-CKWN of Norwegian UK. Registered in Austria on 28 June. Aircraft has been stored at Shannon since 22 March 2021.
	-9	63318	OE-LNP	BOC Aviation, ex G-CKWP of Norwegian UK. Registered in Austria on 28 June. Aircraft has been stored at Shannon since 12 March 2021.
	-9	63320	OE-LNT	BOC Aviation, ex G-CKWT of Norwegian UK. Registered in Austria on 28 June. Aircraft has been stored at Shannon since 23 March 2021.
	-9	63321	OE-IVG	Artic Aviation, ex G-CKWU of Norwegian UK. Registered in Austria on 7 July. Aircraft has been stored at Marana (AZ) since 28 June 2021.
	-9	63345	OE-LNM	BOC Aviation, ex SE-RXM of Norwegian Air Sweden. Registered in Austria on 29 June. Aircraft has been stored at Shannon since 16 February 2021.
	-9	63346	OE-LNY	BOC Aviation, ex SE-RXY of Norwegian Air Sweden. Registered in Austria on 28 June. Aircraft has been stored at Shannon since 31 March 2021.
CRJ	900	15250	ES-ACJ	SAS Scandinavian Airlines. Per 3 July, operated by Xfly.
ERJ	145MP	145669	Z-FJH	Fastjet Zimbabwe, ex F-GUBF of HOP!. Delivered 6 May on as F-WTBX. First in service 16 July.
	135BJ	14500825	9H-AIS	Blue Square Aviation Group, ex G-PRFX of Flexjet. Delivered on 24 July.
	135BJ	14501132	VP-BTT	Sirius-Aero, ex D-AROM of DC Aviation. Delivered on 22 July.
	195E2STD	19020055	HB-AZI	Helvetic Airways. Delivered on 24 June.
	195E2STD	19020057	HB-AZJ	Helvetic Airways. Delivered on 30 June.
	195E2STD	19020058	HB-AZK	Helvetic Airways. Delivered on 24 July.

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

Commuters

ATR72	-212A	852	HL5245	Hi Air, ex G-COBO of Aurigny Air Services. Delivered on 22 June as F-WNUJ.
	-212A	1643	SX-ELV	Sky Express. Delivered on 1 July.

Propliners

Canadair	CL-415EAF	1083	N418BT	Bridger Aerospace, Tanker 283, new conversion completed. This was Ex CL-215 C-GBYU. Delivered and ready for action on 9 July 2021.
	CL-415EAF	1089	N419BT	Bridger Aerospace, Tanker 284, registered on 22 July 2021. Ex C-GDHN/296. Both these converted tankers will be on a contract with the Washington State Department of Natural Resources. They will have four CL415 scoopers on a Mandatory Availability Period contract.
Convair	CV580	154	C-FAWW	Norlinair Cargo.
	CV580	347	C-GRLQ	Norlinair Cargo.
	CV580	376	C-GQHB	Norlinair Cargo.
	CV580/F	454	C-FHNM	Norlinair Cargo. All four were scrapped in May 2021 at Montreal Mirabel International Airport ((Que.). These four Convairs were bought by Airspray, but only for their Alison engines and props. After these were removed the airframes were scrapped as the grounds of Norlinair were to be redeveloped by the airport. Only C-FTAP was saved as it was donated by Norlinair to the Time Air Historical Society. This donation was reported earlier in this section. We hope TAHS has scavenged some extra spares for their preservation project.

DHC	2	512	N725FH	Emerald Air Service in Homer (AK), got ex C-FOOX on 6 July 2021.
	2	1164	N72355	Ex Kenmore and sold in Australia, will be shipped across the Pacific. The Beaver was with Kenmore since 1986!
	2	1259	N2415Z	TVPX Holding, ex VH-NTZ and registered in the USA per 8 July. The Aussie adventure did not last very long.
	2	1460	N203KL	Suffered an accident on 3 June 2018, has returned to the register on 1 June 2021. The rebuild must be coming to an end.
	2	1552	5Y-BCL	Desert Locust Control, crashed on a flight from Nairobi to Lodwar, near Naivasha, on 12 July 2021. One crew member died and two were injured, the airplane was lost in a post-crash fire. See Dustpan & Brush for more details.
Douglas	2T	1629TB17	SE-KKD	Crashed 8 July 2021 in Orebro, Sweden, while flying parachute jumpers.
	DC-3A	1997	N18121	Decorated with serial 256630 (42-56630, its real USAAF serial which it carried between 1942-1994, and has been as such since at least 2019). It has been over two years since the big <i>Daks over Normandy</i> meeting to commemorate the 75-years since D-day. N18121 took part in the flying programme but got damaged along the way. It has been under care in France and been hangered at Dole, in eastern France. Ferry flight back to the USA took place in July 2021.
	DC-3-455	6325	N486C	Will be preserved for static display at a guesthouse in Ennis (MT). The fuselage arrived there in July 2021 according to a Facebook-post in a group of former Zantop employees.
	C-47A	20171	HK-2820	Aliansa, crashed Villavicencio 8 July 2021. The DC-3 was on a training flight with their Director of Operations as captain. It crashed five minutes after take-off and was found near the town of Restrepo, Meta.

It is extremely sad to hear that the entire inventory of Hawkins and Powers at Greybull (WY) are up for auction. An unbelievable amount of propliners is up for sale, such as the C-97, C-82 and C-119. Some only for parts, some only for the fuselages. Bidding prices start low, as scrap metal prices are low and the location Greybull is very remote, making transport costs not worth the investment. Let us hope many will survive.

Credits : Aad van der Voet, Michael Prophet, Ruud Leeuw, Neil Aird (DHC-2.com), Ralph Petterson (Proplinerexchange) and online propliner and photo communities.

Fokker News



Fokker 50 5H-TGF of the Tanzania Government Flight is seen here arriving in rather dark light conditions at Woensdrecht, on 7 July 2021, by Ralph Hamaker. Visible is the faded word Air in front of Tanzania, which indicates it is now again flying for the government. They returned the 50 to Air Tanzania early 2019, to boost the capacity for the airline. At an unknown date later it was returned to the Tanzania Government Flight, hence the registration 5H-TGF.

F27	-050	20109	SE-MFY	Amapola Flyg, ex OO-VLS Air Antwerp. Ferried from Lelystad back to Malmo after repaint, on 20 July. The last flight as OO-VLS was on 7 May this year, from Antwerp to Malmo. We assume it must have made a flight as SE-MFY back to Lelystad in between those two dates, but flight tracking sites show no data on that. Returned to the lessor after the sad demise of Air Antwerp.
	-050F	20149	SE-MFJ	Amapola Flyg. Ferried 26-27 June from Malmo via Heraklion, Khartoum to Nairobi-Komo Kenyatta. Delivery to an as of yet unknown customer.
	-050	20280	JU-1050	Mongolian Airlines, ex OB-1770-P ATSA. Left Lima, Peru, on 23 July for the long ferry flight to Ulaanbaatar, Mongolia, for its new operator. Was still carrying its Peruvian registration, but already in the colours of Mongolian Airlines. Watch a YouTube video here on its departure from Nassau: https://www.youtube.com/watch?v=Ecoo65MHoA0 , or search for OB1770P on youtube.com.

Credits: Merv Crowe, Skyliner.

Bizjets

BAe	125-800B	258222	T7-BLL	Intertransit, ex G-JBLL. Registered in February.
	125-800XP	258390	M-XJET	Turbojet Global, ex N736MB. Registered on 15 July. Might have also been 2-STAR in the meantime, but

	125-850XP	258850	ES-ERX	this is not confirmed yet.
	125-900XP	HA-0086	TC-GSD	Noted at Bournemouth on 13 July, ex G-CERX.
Beech	400XP	RK-417	HA-LUA	GSD, ex TC-ENK. Noted at Düsseldorf on 11 June.
Cessna	501	0032	XA-	Former N600WM of Aviation Dynamix LLC was recently sold to Fly Coop KFT.
	501	0298	N501MZ	Exported to Mexico on 21 June, ex N971GS.
	510	0164	VH-CMK	Reregistered from N118RT in 21 July.
	525	0239	N525HY	Delivered to Valor 'K on 7 July, ex N251MC.
	525	0363	N25BG	Back to the same US registration as in 2016 on 30 June. Was YV3486 in between.
	525	0863	N990FV	Reregistered from N93MA on 7 July.
	525	0944	N944J	Got the same registration as in 2015 on 22 June, was YV641T.
	525	1088	N85WH	Reregistered from N944KK on 30 June.
	525	1092	N849RA	Registered to Textron Aviation on 24 June.
	525	1094	N66YT	Registered to Textron Aviation on 1 July.
	525	1095	N125DW	Registered to Textron Aviation on 6 July.
	525A	0213	N525VE	Registered to Textron Aviation in July.
	525A	0482	N45GB	Reregistered from N714JS on 6 July.
	525B	0104	N579DF	Reregistered from N525FU on 20 July.
	525B	0642	C-GNAS	Reregistered from N525GT on 22 June.
	525C	0122	N40B	Delivered to Airsprint on 24 June.
	525C	0309	VP-C	Reregistered from N339KC on 19 July.
	525C	0342	N451GP	Exported to the Cayman Islands on 21 July, ex N183CW.
	525C	0359	N957CM	Reregistered from N481GP on 23 July.
	550	0201	N959RJ	Registered to Textron Aviation in July.
	550	0343	N700RA	Reregistered from N1GH on 29 June.
	550	0669	N550CF	Reregistered from N789TT on 14 July.
	550	0874	N23JA	Reregistered from N425WY on 19 July.
	550	1129	N22JA	Delivered to Jet Air on 24 June, ex G-MERR of XJC Jets.
	S550	0051	N82VM	Delivered to Jet Air on 24 June, ex G-XJCJ of XJC Jets.
	560	0113	N585FD	Reregistered from N311AF on 21 July.
	560	0533	N430TA	Reregistered from N555FD on 30 June.
	560	0555	N560CE	Reregistered from XA-GSS on 22 July.
	560XL	5154	N1316D	Again in the US register on 2 July, ex YV3345.
	560XL	5308	N560SG	Registered on 15 July, ex OE-GXL of Speedwings.
	560XL	5515	N598JL	Reregistered from N688TX on 25 June.
	560XL	6088	N805BL	Reregistered from N536CH on 21 July.
	560XLS	5613	N5613	Reregistered from N270BC on 15 July.
	560XLS	5645	N560PG	Registered on 12 July, ex G-CXLS.
	560XLS+	6005	N217MW	Delivered on 22 June, ex D-COBI of HTM Jet Service.
	560XLS+	6208	N32JF	Reregistered from N205FA on 21 July.
	560XLS+	6302	B-129X	Reregistered from N805N on 20 July.
	560XLS+	6303	N721WR	Delivered to CAAC Flight Inspection on 23 June, ex N229JV.
	560XLS+	6306	N226SW	Registered to Textron Aviation on 24 June.
	650	7092	N640RB	Registered to Textron Aviation on 23 June.
	680	0158	N6464	Delivered on 25 June, ex C-FCIG of Novajet which was exported from Canada on 23 June.
	680A	0012	N715N	Exported again to the USA on 20 July, ex C-FMFN of Exeair.
	680A	0034	N92AJ	Reregistered from N680CT on 9 July.
	680A	0281	N606AW	Reregistered from N676BB on 24 June.
	680A	0282	N635QS	Registered to Textron Aviation on 2 July.
				Registered to Textron Aviation on 9 July. To be delivered to Netjets.



Gulfstream G650ER N556CH has c/n 6361 and was delivered to Hillcour Holding in December 2019. It joined the company's other Gulfstream, which is G450 N882DL. (Rotterdam-The Hague, 25 July 2021, Maarten Visser Sr)



Global 6000 N610SW was re-registered from N850MP on 21 July 2020. It is currently operated by Management Health Services, next to the company's Falcon 2000EX N610SN. (Malta, 27 May 2021, Mario Caruana)

	700	0060	N822QS	Registered to Textron Aviation on 9 July. For Netjets.
	700	0061	N823QS	Registered to Textron Aviation on 9 July. Also for Netjets.
	750	0118	C-FTJS	Reregistered from C-FTLH on 21 July, still with Air Partners.
	750	0225	N979JS	Reregistered from N827SL on 22 June.
	750	0261	PS-OGP	Exported to Brazil on 22 July, ex T7-TAN.
	750	0305	?	C-FNRG of Skyservice Aviation was cancelled on 22 July.
Challenger	300	20119	N627EE	Bluestone 24, re-registered from N596MC on 31 March.
	300	20222	N941YY	KLH Partners, re-registered from N876DG on 31 March.
	300	20234	N825TF	DB Aviation, re-registered from N825TB on 13 April.
	350	20796	N277JH	Lughnasa Management, re-registered from N350NZ on 24 March.
	350	20802	N599FX	Flexjet, ex N350DX. Registered on 26 March.
	350	20876	RA-67137	Registered on 22 June, ex C-GUVW.
	350	20881	RA-67130	Registered on 1 July, ex C-GVJQ
	601-3A	5097	N881BG	Bizav Support, ex YV3393. Registered on 2 April.
	604	5616	2-NITE	Volare Aviation, ex D-ANTR. Registered on 24 June.
	605	5771	N888GB	Maine Aviation, re-registered from N236WA on 12 April.
	605	5784	LX-RHC	Noted at Biggin Hill on 5 July, ex A7-CEB.
	605	5840	5N-AOO	Noted at Accra on 20 June, ex T7-AOO.
	605	5857	TC-RSA	Redstar Aviation, ex A7-CEG. Noted at Tokyo-Haneda on 11 July.
	605	5858	N171AM	Florida Jet Service, re-registered from N261FW on 13 April.
	605	5861	C-FBKD	Image Air Charter, re-registered from C-FSEP on 15 July.
	605	5900	AP-HSU	Noted at Biggin Hill, ex N76QF.
	650	6059	T7-MCV	Noted at Dublin, ex C-FJCB.
	650	6110	T7-SRC	Noted at Biggin Hill on 2 June, re-registered from T7-TAV.
Cirrus	SF50	0136	PH-JEN	Noted at Groningen on 8 July, ex N5062.
Eclipse	EA500	000028	2-	Another Eclipse to Guernsey on 12 July, ex N984CF.
	EA500	000033	2-	Exported to Guernsey on 23 June, ex N51GQ.
	EA500	000053	N514EA	Registration expired on ??, active again?
	EA550	550-0275	2-BILL	Delivered to Channel Jets in July, ex N118HX.
Embraer	500	50000055	HA-JEQ	Former SP-AVP of Fancy Jets was sold to Jet Stream 2004 Ltd.
	505	50500197	M-ELOW	Former M-ELON of Sleepwell Aviation Ltd. was reregistered with the same owner/operator recently.
	505	50500617	D-CUVH	This brand new Phenom 300 was sold and delivered to Haacke LTIF GmbH in June.
	550	55000018	N375KR	Former XA-TUB of Transpais Aero was sold to Nelson Family Holdings LLC.
	550	55010035	N808PD	Ex D-BOLD of Black Horse Aviation was sold to an unknown operator/owner in the US in July.
	550	55020131	SP-OMI	This brand new Praetor 600 was delivered to Jet Story Sp.z.o.o. in Poland. Ex PR-LFW.
Falcon	7X	55	N715LL	Bank of America, ex PR-CSE. Registered on 23 April.
	7X	199	M-ATRJ	Blackthorn Aviation, ex N6188. Registered on 13 July.
	8X	458	N458FJ	Dassault Falcon Jet, registered in March.
	8X	469	T7-ONEX	Noted at London-Luton on 23 July
	8X	480	HA-LKW	Air Invest, noted at Munich on 2 July.
	50EX	286	M-ODUS	Modus Aviation, ex N883RA. Registered 26 May.
	50EX	293	N408CJ	Charles J. Schreiber Jr., re-registered from N406CJ on 23 March.
	50EX	341	N396JR	N396JR, re-registered from N617BZ on 5 April.
	900EX	85	N440GP	TVPX Aircraft Solutions, re-registered from N76PY on 30 March.
	900LX	91	N324SL	Navdeep Sooch, re-registered from N436RB on 16 April.
	900LX	151	N900TJ	GHK Aviation, ex G-EGVO. Registered on 12 April.
	900EX	188	N933SG	Stephens Group, re-registered from N460D on 31 March.
	900LX	256	M-NINE	ReiJets, ex M-DUBS. Registered on 28 June.
	2000	223	ES-SNK	Fort Aero, ex OY-SNK. Noted at Tallinn on 28 June.
	2000LX	62	N1492J	Black Gold Aero, re-registered from N346PC on 14 April.
	2000S	722	N695P	Pilot Corp., re-registered from N498DC on 16 April.

Global	Express	9041	N330M	Reregistered from N802CB on 9 July.
	Express	9045	T7-SER	Exported to San Marino on 6 July, ex N17GX.
	Express	9148	N48WG	Registered in the US register on 2 July, ex VH-LBU of Beluga Charter.
	XRS	9362	N73AF	Delivered to American Fidelity Corp. on 25 June, ex VP-CCN.
	XRS	9391	N64MT	Delivered to Windtop Inc. on 25 June, ex VH-CHL.
	5000	9468	M-JSTA	Reregistered from M-JSTR on 26 April.
	5000	9569	T7-	Exported to San Marino on 6 July, ex N3338.
	6000	9559	N555DT	Registered on 23 June, ex T7-BRS.
	6000	9603	M-ABON	Registered to Ardagh Packaging on 19 July, ex N603GX.
	6000	9617	N284DS	Reregistered from N244DS on 25 June.
	6000	9649	N164QS	Reregistered from N79EW on 23 June, still with Netjets.
	6000	9723	N3888B	Reregistered from N441BA on 24 June.
	6500	60033	P4-ZGB	Delivered to Sino Jet in June, ex C-GNOE which was exported on 24 June.
	6500	60050	C-GUTD	Registered to Bombardier on 22 June.
	Gulfstream	7500	70057	C-FJCB
7500		70069	9H-VIE	Delivered to VistaJet on 29 June, ex C-GPGB.
7500		70074	N3TS	Delivered on 22 July, ex C-GRMT.
7500		70099	C-GUXG	Registered to Bombardier on 28 June.
7500		70100	C-GVEU	Registered to Bombardier on 23 July.
III		337	N337LR	R Consulting Sales, re-registered from N330WR on 1 April.
IV		1017	P4-444	Registered in May, ex N818BA.
IVSP		1402	N408JS	flyExclusive, re-registered from N799CP on 24 March
IVSP		1420	N352FT	352 Corp., re-registered from N724DB on 14 April.
G450		4088	N2467K	G450 New Venture Holdings, ex B-3340. Registered on 12 April.
G450		4183	N989KM	Double X, re-registered from N903GA on 30 March.
G550		5070	N888JE	Leone Management, ex M-BJEP. Registered on 15 April.
G550		5249	N689BG	Solairus Aviation, re-registered from N767PL on 25 July
G550		5285	N8880X	Octa Air II, re-registered from N4500X on 29 March.
G550		5250	M-SAGI	Primevalue Trading, ex B-LSM. Registered on 6 July.
G550	5309	N888KZ	Kewsong Lee, re-registered from N300AY on 8 April.	
G550	5628	VP-CBK	Jet Aviation Business Jets, ex N528GA. Delivered in July	
G650ER	6451	B-651K	Beijing Hualong Business Aviation, ex N651GA. Delivered in June.	
G650ER	6453	N811MK	Merck Sharp & Dohme, ex N653GA. Delivered to Trenton-Mercer (NJ) on 24 June.	
G500	72058	N888DQ	EJS Aviation Services, ex N70FT. Noted at Farnborough on 6 May.	
G500	72062	N924TC	RLC Aviation, re-registered from N562G on 16 April.	
G500	72063	N500GU	Gulfstream Aerospace, re-registered from N963GA on 6 April.	
G500	72069	N542AP	AMS, ex N569GD. Registered on 29 March.	
G500	72070	N570GD	Macneil Aviation, registered on 9 April.	
G500	72074	OH-SGI	Polar Aviation, ex N574GD. Noted at Helsinki on 24 July.	
G600	73043	N23PA	TVPX Aircraft Solutions, ex N943GA. Registered on 31 March.	
IAI	G150	261	N375AB	Reregistered from OE-GBA and earlier T7-GLT on 23 July.
Pilatus	PC-24	221	D-CHMS	Ex HB-VUB of Pilatus Flugzeugwerke was sold to Platoon Aviation in June.
	PC-24	222	N17SV	Ex HB-VUC of Pilatus Flugzeugwerke was sold to Pilatus Business Aircraft Ltd. in the US in April.
	PC-24	223	N52CP	Ex HB-VUD of Pilatus Flugzeugwerke was sold to Pilatus Business Aircraft Ltd. in the US in May.
	PC-24	228	HB-VUH	Registered to Pilatus Flugzeugwerke in May.
	PC-24	229	HB-VUI	Registered to Pilatus Flugzeugwerke in May.
Raytheon	PC-24	230	HB-VUJ	Registered to Pilatus Flugzeugwerke in May.
	390	RB-41	D-IFCA	Ex N882AA of World Jet of Delaware Inc. was sold to a yet unknown owner/operator in Germany.



Pictured on the compass swing at Stans-Buochs is new PC-24 T7-MPS. With c/n 238 it is formerly HB-VUR. By the time you read this Scramble, this PC-24 might have been delivered already. (20 July 2021, Stephan Widmer)

Bizprops

Beech	C90GTi	LJ-1988	OK-BBA	Owner/operator in Czechia now known as ISAN Radiatory s.r.o. Addition to Scramble 506 – Page 40.
	B350i	FL-1158	SE-MMR	Former N350TT of Rangeflyers Inc. was sold to Aviation Network ANM in Sweden.
Cessna	208	1032	G-ODLA	Dry Lease Aero, ex N208TG. Registered on 23 July.
	208B EX	5618	D-FLLY	PL Strefa, ex N90544. Delivered in July.
Kodiak	100	0215	OK-JZK	Havengore, ex LN-AEJ. Registered on 28 May.
Piaggio	P180	1007	N399JD	C-FNGA was deleted from the Canadian register on 30 June and registered again on 22 July.
	P180	1108	N864HD	Seen with AeroVanti titles on 24 June.
	P180	1153	9H-CAP	Delivered to AV8Jet in June, ex F-HGOD. Based in Rotterdam.
	P180	1176	N288LA	Registered on 8 July, ex M-ONTE.
Pilatus	PC-12/47NGX	2069	T7-SAY	Former HB-FRU of Pilatus Flugzeugwerke was sold to a yet unknown owner/operator in the San Marino register in May.
	PC-12/47NGX	2079	F-HPIL	Former HB-FSB of Pilatus Flugzeugwerke was sold to Getonejet in France in May.
	PC-12/47NGX	2100	HB-FSW	Registered to Pilatus Flugzeugwerke in May.
	PC-12/47NGX	2101	HB-FSX	Registered to Pilatus Flugzeugwerke in May, later sold to:
	PC-12/47NGX	2101	N91NX	Pilatus Business Aircraft Ltd. in the US in June.
	PC-12/47NGX	2102	HB-FWO	Registered to Pilatus Flugzeugwerke in May.
	PC-12/47NGX	2103	HB-FSZ	Registered to Pilatus Flugzeugwerke in May, later sold to:
	PC-12/47NGX	2103	N56HV	Pilatus Business Aircraft Ltd. in the US in June.
	PC-12/47NGX	2104	HB-FQA	Registered to Pilatus Flugzeugwerke in June, later sold to:
	PC-12/47NGX	2104	N1921U	Pilatus Business Aircraft Ltd. in the US in June.
	PC-12/47NGX	2106	HB-FQC	Registered to Pilatus Flugzeugwerke in June, later sold to:
	PC-12/47NGX	2106	N313GX	Pilatus Business Aircraft Ltd. in the US in July.
Piper	31-350	8152007	N772DL	Sky West Aviation, ex TF-VEV. Registered on 12 April.
	46-500TP	4697453	OK-SVL	Skan Service, ex N965MR. Registered on 18 May.

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 (over 150,000 records) consider using the advanced search options.

For full production lists see the Soviet Transports downloads page at the AirHistory.net website. On the 'reference' tab on this site there is a sub-page 'Soviet Transport Data Files' and there you can find;

- the free, downloadable, January 2021 editions of known production lists of the all types (over 250) included in the 'Soviet Transports' database, which includes all known military transport aircraft and helicopters as well as bombers;
- 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 and where to find them 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. A total rundown of all files in early 2021 shows a new book would equate over 2,150 pages, were it to be published in the same format as the 2004 edition, A4 in small print. The entire Soviet Transports team is hoping to continue working on this data in the future and to continue to make fresh information freely available, as well as updating existing information and publishing historical data still sitting on our desks, waiting to be processed.

AK1-3	0011	9G-AFM	not known	jan20	offered for sale; ex ZU-RDN
AK1-3	0099	UR-PKOV	K.V. Puzatov	rgd 07jun21	K.V. Puzatov of Kamyanske
AK1-3	---	RA-1854G	privately owned	rgd 11sep12	canx between 30mar21 and 20jul21
An-2T	1G108-53	ex 0853	all-grey c/s	photo jun21	in Planet Zalesieentertainment and education park
An-2R	1G174-21	RA-40843	AGAT	photo 26jun21	a Shushenskoye operational
TR-301	1G178-51	RA-62659	TekhnoRegion	ZIA 21jul21	in register with c/s YeEVS.33.0055
An-2R	1G191-53	UP-A0346	A.K. Shkrebko	rgd 09jun20	ex СССР-84675
An-2R	1G195-44	RA-68139		rgd 20mar09	canx between 30mar21 and 20jul21
An-2R	1G198-46	RA-31481	Aeroflot	Pya jan94	canx 03dec01; restored; canx betw. 30mar21 & 20jul21
TR-301twin	1G202-42	RA-17722		rgd 09apr21	c/n now TR301.21.002
TR-301TV	1G207-03	RA-17958		rgd 09apr21	c/n now TR301.21.001
An-2R	1G212-46	RA-32741	PANKh	l/n 14mar14	canx between 30mar21 and 20jul21
An-2R	1G215-18	UR-40883	O.Kh. Nedov	rgd 07jun21	O.Kh. Nedov of Odesa
An-2R	1G216-10	UP-A0342	S.L. Kolokoltseva	rgd 09jun20	ex СССР-40930
An-2R	1G223-13	RA-40389	Ye.A. Mesnyankin	rgd 28feb07	dam. 28aug19; finally canx betw. 30mar21 and 20jul21
An-2R	1G225-07	RA-40490	Byelaya Kalitva	rgd unknown	canx between 30mar21 and 20jul21
An-2R	1G229-39	RA-33547	privately owned	rgd 07may15	f/n 16oct16; canx between 30mar21 and 20jul21
An-2R	1G231-22	RA-01441	Virazh	no reports	canx between 30mar21 and 20jul21
An-2TP	1G238-18	SP-FBO (2)	grey c/s, n/t	Msl 30may21	ex 5T-TMC
An-2	---	ST-AUP	all white, n/t	photo 2013	at Wadi Madani
An-10KP	---	СССР-55505	Soviet AF/AFL c/s	b/u 1980's	at Stepyanka airfield near Minsk
An-12PPS	---	СССР-11796	Soviet Air Force	photo	deployed to Syria.; see YK-AND and YK-ANE below
An-12	---	YK-ANA	Syrian Air Force	DRS 30sep74	for full story see the on-line database
An-12	---	YK-ANB	Syrian Air Force	DRS 15apr75	for full story see the on-line database
An-12	---	YK-ANC (1)	Syrian Air Force	DRS 26sep74	for full story see the on-line database
An-12	---	YK-ANC (2)	Syrian Air Force	photo	for full story see the on-line database
An-12PPS	---	YK-AND	Syrian Air Force	photo 1980	for full story see the on-line database
An-12	---	YK-ANE (1)	Syrian Air Force	DRS 30sep74	for full story see the on-line database

An-12PPS	---	YK-ANE (2)	Syrian Air Force	photo	1976	for full story see the on-line database
An-12	---	YK-ANF	Syrian Air Force	DRS	27nov74	for full story see the on-line database
An-12	---	YK-ANG	Syrian Air Force	DRS	26sep74	for full story see the on-line database
An-24RV	1 73 071 07	RA-47818	IrAero	IKT	20jul21	white, no titles; IrAero motif on tail
An-24RV	5 73 100 10	RA-46531	Norilsk Aviation Enterprise	l/n	19jun21	on low loader for transfer to the Aviators' Park, Dudinka, Krasnoyarsk region
An-24RV	6 73 105 02	RA-47315	Angara	IKT	20jul21	white, with titles and small Angara motif
An-24B	1 99 023 09	RA-26191	Khabarovsk Avia	rgd	25may21	restored this date; seen active at KHV 19jun21
An-26B-100	123 10	RA-26085	Kamchatka Aviation AE	w/o	06jul21	crashed on approach to Palana
An-26B	125 03	EW-557TG	Genex	MSQ	01jul21	a/w, n/t; c/n from Russianplanes.net; ex RA-26124
An-28	1AJ 007-13	RA-28728	Siberian Light Aviation	w/o	16Jul21	both engines are reported to have failed due to icing
M28-05	AJE 003-21	10-0321	US Air Force	ANR	26jun21	and then to Split on delivery to the Kenyan Air Force
An-32RE	02 02	KA2677	Indian Air Force	BLR	19mar21	
An-32RE	04 08	KA2703	Indian Air Force	TRV	16jul21	
An-32RE	06 07	KA2722	Indian Air Force	JAI	20jul21	
An-32RE	09 07	KA2749	Indian Air Force	DEL	29jun21	
Il-76TD	00834 85554	RA-76489	Aviacon Zitotrans	l/n	31dec20	xoperational; canx between 30mar21 and 20jul21
		EW-564TH	Ruby Star, all white, n/t	ZIA	22jul21	ex RA-76489
Il-76TD	10334 16515	UR-CIG	Bu Shames FZE	rgd	11jan21	canx between 08jul21 and 14jul21
		EX-76008	Kyrgyzstan Government		21jul21	reported as such but no sightings yet
Il-96-300	74393203025	(RA-96025)	Rossiya	r/o	05jul21	Il-96-300PU(M1); rolled out still without registration
Ka-26	76 056 17	RA-24353	Shtab R.N. KFKh	rgd	06may09	canx between 30mar21 and 20jul21
Ka-32T	6218	UR-CIR	BNPB	photo	29dec20	at Jakarta Pondok
Ka-32T	8909	RDPL-34054	Laos Air Force	photo	21jun21	taken in Laos; ex RA-31104
Ka-32A	9102	RA-31603(2)	BNPB		21jul20	canx betw. 30mar21 & 20jul21; rgd HL9672 06apr21
Ka-32A11M	5233500210023	no markings	Vertolyoty Rossii	ZIA	17jul21	line # 100-23
Ka-32A11BC	---	32-03	DDPM	d/d	30jun21	for Department of Disaster Prevention Mitigation
Ka-32A11BC	---	32-04	DDPM	d/d	30jun21	for Department of Disaster Prevention Mitigation
Ka-52	---	6635	Egyptian Air Force	photo	03jul21	f/n Bernice
Ka-52	---	6637	Egyptian Air Force	photo	03jul21	f/n Bernice
Ka-52	---	6643	Egyptian Air Force	photo	03jul21	f/n Bernice
Ka-62	97876210103	no reg	Vertolyoty Rossii	ZIA	17jul21	
Ka-62	97876210104	"623" white	Vertolyoty Rossii	ZIA	17jul21	
Ka-226T	226T54643180101U	"226" white	Vertolyoty Rossii	ZIA	17jul21	
Ansats	33 027	RA-20003		rgd	16jul21	ex "327" black
Ansats	33 122	RA-20059	not known	rgd	01jul21	line # 122
Ansats-GMSU	33 126	RA-20103	Vertolyoty Rossii	rgd	15jul21	line # 126; f/n ZIA 22jul21
L-410UVP	83 10 40	7Q-YAE	no titles	photo	25jul21	at Pribram; ex OK-SAS
L-410UVP-E3	88 21 05	RF-94603 (2)	DOSAAF Rossii	w/o	19jun21	crashed after take off from Tanay
L-410UVP-E20	08 27 14	CC-AFM	Aerocord	photo	21jul21	at the Marcel Marchant Airport at Puerto Montt
L-410UVP-E20	31 05	"004" black	Russian MoD	Aru	02jul21	in basic old Aeroflot c/s and just "004" painted on
L-410UVP-E20	33 18	RA-67082 (2)	Khabarovsk Avia	rgd	01jul21	'KhabAvia' titles; named 'Aleksei Chornii'; ex OK-JNH
L-410UVP-E20	33 19	RA-67083 (2)	Khabarovsk Avia	rgd	29jun21	f/n Uktus 02jul21 all white, n/t; seen jul21 in full c/s with 'KhabAvia' titles; ex OK-JNI
L-410NG	50 01	OK-JRP	Siberian Light Aviation	UHE	18jul21	titles possibly only for the 2021 MAKS ?
L-410UVP-E20	---	RF-94650	Russian Air Force	ZIA	22jul21	coded "63" red; with 'VKS Rossii' titles
L-410UVP-E20	---	RF-94651	Russian Air Force	ZIA	21jul21	coded "65" red; with 'VKS Rossii' titles



After about three years of open storage Let 410 OK-SAS (msn 831040) has found a new home. It was bought by the same company www.turbolet.de, which in March 2021 bought OK-DZA (now 7Q-YAA, and soon the receive a Philippine registration). The Let will leave its home base Pribram to Paderborn, Germany, and its new life will probably be in Africa or the Philippines. This company operates now fourteen L-410s somewhere at Africa and Asia. Turbolet operates fourteen L-410s somewhere in Africa and Asia. The owner said they would fix the 7Q-YAE (around three years ago it suffered an engine failure) and since this time did not fly anymore. They will move it to Paderborn for more repairs. (Pribram, 25 July 2021, Vaclav Kudela)

Li-2	184 70 09	not known	Soviet Air Force	w/o	11aug43	on bombing mission when attacked by a Bf 110E-3
Li-2	184 93 02	not known	Soviet Air Force	w/o	11aug43	on a bombing mission when attacked by a Bf 110E-3
Li-2	184 96 06	"17" white	Soviet Air Force		photo	in camo c/s; flew two sorties against Helsinki feb44
Li-2	184 97 02	not known	Soviet Air Force	w/o	11aug43	on a bombing mission, was attacked by a Bf 110E-3
Mi-2	52 3423 034	CCCP-20157	AFL/Ukraine	w/o	30nov81	flew a steep right turn at low height and crashed
Mi-2	54 5423 117	RA-15762 (2)	not known	rgd	26mar14	canx between 30mar21 and 20jul21
Mi-2	52 6244 089	RA-23485	Lipetsk Aviation Enterprise	trf	19oct93	no sightings; canx between 30mar21 and 20jul21
Mi-2	54 8315 083	RA-15763 (2)	not known	rgd	26mar14	canx between 30mar21 and 20jul21
Mi-2	53 8332 093	RA-20893	Getliks	photo	10jul21	in avn museum of Mikhail Pavlov at V. Muly near Perm
Mi-2	51 8343 093	HA-BGU	not known		15jul21	seen under maintenance at Kiskunlacháza; ex 8343
Mi-2	52 8523 014	ex OK-OIO	no titles		2006/jul21	see full story in the on-line database
Mi-2	54 8610 034	RA-20928	Elbrus-Avia	l/n	aug16	canx between 30mar21 and 20jul21
Mi-2	52 9725 046	EW-20990	Bellesavia		31may21	hulk offered for sale with t/t 3,527 hours
Mi-2	5210037 126	RA-15622 (1)	privately owned	rgd	03aug15	canx between 30mar21 and 20jul21
Mi-2	5410735 108	RA-23746	Helix	l/n	21jun18	near Kogalyn; canx between 30mar21 and 20jul21
Mi-2	5410317 077	RA-15755 (2)	Orenburg Airlines	l/n	15jun17	at Alapayevsk; canx between 30mar21 and 20jul21
Mi-2	5210332 087	EW-23258	Bellesavia		31may21	hulk offered for sale with t/t 1,984 hours
Mi-2	5210832 029	UR-MAA	Meridian Avia Agro	w/o	17jul21	on a crop-spraying flight in the Mykolayiv region
Mi-2	5211139 050	EW-164CC	MChS Belarusi		27jun21	damaged when made a forced landing and rolled
Mi-8T	02 32	'YL-HLG'	Heligrill		13jul21	damaged when a hailstorm turned it onto its left side
Mi-8P	63 69	RA-22243	Tomsk Avia	l/n	jul16	canx between 30mar21 and 20jul21
Mi-8T	76 92	RA-06114	AeroBratsk		25oct19	CofA expired ; canx between 30mar21 and 20jul21
Mi-8T	82 35	YL-HMT	United Nations/WFP	photo	21apr21	at Pibor (South Sudan); coded 'UNO078H'
Mi-8T	9 90 47680	RA-25147	Yeltsovka	Ovs	01jun21	named 'Valeri Pavlovich Chkalov'
Mi-8MT	9 4038	"37" blue	Ukraine Air Force	Vas	12oct19	c/n was given in error as 94037; correct c/n known now
Mi-8MT	9 4243	"132" white	Ukraine Army Aviation	photo	2021	code only on a sheet of paper in a cabin window
Mi-8MT	9 4701	"134" white	Ukraine Army Aviation	photo	2020	code only on a sheet of paper in a cabin window
Mi-8MTV-1	9 5927	UR-HZB	Motor Sich	rgd	05jul21	c/n confirmed; ex XU-179
Mi-8MTV-1	9 6079	RA-22504 (2)	United Nations	photo	04may21	in South Sudan; coded 'UNO-532P'
Mi-8MTV-1	9 6643	RA-25542 (2)	United Nations/WFP	photo	27oct20	in South Sudan; coded 'UNO-054H'
Mi-8MTV-5	9 7392	RF-04499	Russian Air Force	ZIA	20jun21	coded "21" yellow
Mi-8MTV-1	9 7484	RA-22150 (3)	not known	rgd	01jul21	
Mi-8MTV-1	9 7488	RA-22176 (3)	Nat. Ambulance AS	ZIA	20jul21	ambulance helicopter
Mi-8MTV-1	9 7499	RA-22160 (3)	Gazpromavia	rgd	31mar21	
Mi-8MTV-1	9 7500	RA-22162 (2)	Gazpromavia	rgd	31mar21	
Mi-8MTV-1	9 7501	RA-22163 (3)	Gazpromavia	rgd	31mar21	
Mi-17	419M15	301	Nicaraguan Air Force	w/o	25jan87	
Mi-17	419M16	302	Nicaraguan Air Force	w/o	17sep86	
Mi-17	419M19	305	Nicaraguan Air Force	w/o	11oct87	when was shot down by the Contra rebels
Mi-17	419M21	307	Nicaraguan Air Force	w/o	27aug87	when was shot down by the Contra rebels
Mi-17V-5	840M37	745	Afghan Air Force	w/o	08jun21	when was shot down by the Taliban
Mi-8AMT	59489607849	RA-27178	United Nations	photo	08nov20	in South Sudan; coded 'UNO-374P'
Mi-8AMT	8AMT00643084008U	RA-22484 (2)	United Nations	photo	apr21	at Tonj (South Sudan); coded 'UN-531P'
Mi-8AMT	171P00643137360U	RA-22659 (2)	Barguzin		12jul21	del to Phnom Penh; canx betw. 30mar21 and 20jul21
Mi-8AMT	8AMT00643197730U	RA-22175 (2)	not known		12jul21	flown in Il-76 to Phnom Penh
Mi-8AMT	8AMT00643207778U	RA-22397 (2)	Norilsk Avia	rgd	01apr21	arrived at VLE from UUAZ 28apr21
Mi-8AMT	8AMT00643207779U	RA-22539 (2)	Norilsk Avia	rgd	01apr21	
Mi-171Sh	171S00112207951U	PNP-511	Peruvian Police	photo	23jun21	delivered to LIM by an An-124 19jul21
Mi-171Sh	171S00112207952U	PNP-512	Peruvian Police	photo	23jun21	delivered to LIM by an An-124 19jul21
Mi-8AMT	8AMT00643207953U	RA-22274 (2)	not known	rgd	01jul21	full c/n 8AMT 00 643 20 7953U
Mi-8AMT	8AMT00643207954U	RA-22273 (2)	not known	rgd	09jul21	full c/n 8AMT 00 643 20 7954U
Mi-171A2	171A202643180107U	"107" black	Vertolyoty Rossii	ZIA	20jul21	all white; full c/n 171A 02 643 18 0107U
Mi-171A3	---	RA-17172	Vertolyoty Rossii	ZIA	17jul21	
Mi-8MT	---	RF-95363	Russian Air Force	photo	24jun21	with Sevastopolski ARZ; coded "74" blue
Mi-171Sh	---	95003	Chinese Army	photo	photo	temporary serial
Mi-17V-5	---	3908	Egyptian Air Force	photo	03jul21	
Mi-171	---	2024	Ethiopian Air Force	photo	20jun21	version not confirmed; l/n 22jun21
Mi-171Sh	---	2025	Ethiopian Air Force	photo	20jun21	version not confirmed
Mi-171Sh	---	2026	Ethiopian Air Force	photo	jun21	version not confirmed
Mi-171	---	12-5345	Iranian RGC Army	photo	07jul21	all-white c/s, no markings apart from the serial
Mi-171	---	YI-258	Iraqi Army Aviation	w/o	28jul21	crashed in the area near Tuz Khurmatu
Mi-8T v	---	270	Nicaraguan Air Force	w/o	02dec85	when was shot down by the Contra rebels
Mi-8T v	---	281	Nicaraguan Air Force	w/o	29oct87	when was shot down by the Contra rebels
Mi-8T v	---	282	Nicaraguan Air Force	w/o	20sep87	when was shot down by the Contra rebels
Mi-8T v	---	284	Nicaraguan Air Force	dam	16jan86	during operations against the Contra rebels
Mi-8T v	---	286	Nicaraguan Air Force	dam	16jan86	during operations against the Contra rebels
Mi-24V	353242 47 08685	"82" red	Soviet Army Aviation	mfd	1977	opb 442 ovp BiU at Zhovtnevoye by 01jan92
Mi-24P	353243 41 16255	"77" red	Soviet Army Aviation	mfd	1981	opb 442 ovp BiU at Zhovtnevoye by 01jan92
Mi-24P	353243 33 17135	"78" red	Soviet Army Aviation	mfd	1981	opb 442 ovp BiU at Zhovtnevoye by 01jan92
Mi-24K	353201 47 12327	"85" red	Soviet Army Aviation	mfd	1987	opb 442 ovp BiU at Zhovtnevoye by 01jan92
Mi-24K	353201 47 12343	"86" red	Soviet Army Aviation	mfd	1987	opb 442 ovp BiU at Zhovtnevoye by 01jan92
Mi-25	410 438	338	Nicaraguan Air Force	w/o	25sep87	when was shot down by the Contra rebels
Mi-25	410 439	339	Nicaraguan Air Force	dbr	date ?	when broke off its tailboom near Mulukukú
Mi-25	410 441	341	Nicaraguan Air Force	w/o	19jun87	when was shot down by the Contra rebels
Mi-25	410 454	354	Nicaraguan Air Force	mfd	20sep84	sold to Peru in 1992
Mi-25	410 455	355	Nicaraguan Air Force	mfd	20sep84	defected to Honduras 07dec88

Mi-24V	---	3078	Egyptian Air Force	photo	03jul21	
Mi-24D	---	358	Nicaraguan AF	w/o	19may88	when crashed into Lake Managua
Mi-26T	34001212461	no code	Belarus Air Force		22dec20	offered for sale with t/t 1,437 hours
Mi-28UB	---	RF-13479	Russian Air Force	ZIA	20jul21	coded "82" red
Mi-28NM	---	"731" yellow	Russian Air Force	ZIA	16jul21	with mast-mounted radar
Mi-38	26006	RA-14343	Vertolyoty Rossii	ZIA	20jul21	in Rossiya c/s with 'Rossiya' & 'Vertolyoty Rossii' titles
RRJ-95B	95 102	RA-89160	Sukhoi Civil Aircraft	rgd	21jun21	a RRJ-95B-100 now; ex 9H-SJA
RRJ-95B	95 111	RA-89166	Sukhoi Civil Aircraft	rgd	21jun21	a RRJ-95B-100 now; ex 9H-SJC
RRJ-95B	95 146	RA-89106	Rossiia	SVO	05jul21	named 'Norilsk'; I/n IJK 10jul21
RRJ-95B	95 214	89173	primer	f/f	30jun21	
Tu-22M3	30107 2 5 1	RF-34035	Russian Air Force	Kzp	may16	in bare metal c/s; c/n known now
Tu-95MS	# 2 4 19743	RF-94190	Russian Air Force	Rzd	17may19	coded "48" red; I/n Ryazan-Dyagilevo 17jun21
Tu-134AK	63720	RA-65726	Kosmos	ARH	20mar20	active; stored oct20; canx between 30mar21 & 30jul21
Tu-214	422 04 005	RA-64505	Rossiia	VKO	06jun21	last flew 17jun19 and withdrawn from service 2021
Delete thus Tu-214 record as more info came our way						
Tu-214	449 12 034	RA-64534	FSB	ULY	17jun21	returned to Kazan this date
Yak-12R	11 4 05	CCCP-L5911	AFL/Privolzhsk	rgd	30aug55	became CCCP-95911 AFL/Privolzhsk rgd 14may58
Yak-12R	11 4 06	CCCP-L5910	AFL/Privolzhsk	rgd	30aug55	became CCCP-95910 AFL/Privolzhsk rgd 14may58
Yak-12R	12 4 38	CCCP-Sh5933	AFL/Buguruslan Fl. School	rgd	10oct55	became CCCP-95933 AFL/Privolzhsk rgd 14may58
Yak-12R	13 4 05	CCCP-Sh5938	AFL/Buguruslan Fl. School	rgd	24oct55	became CCCP-95938 AFL/Privolzhsk rgd 14may58
Yak-12R	13 4 33	CCCP-T5968	AFL/Privolzhsk	rgd	24nov55	became CCCP-95968 AFL/Privolzhsk rgd 14may58
Yak-12M	07 5 19	CCCP-L4127	AFL/Privolzhsk	rgd	07may56	became CCCP-74127 AFL/Privolzhsk rgd 14may58
Yak-12M	07 5 20	CCCP-L4128	AFL/Privolzhsk	rgd	23may56	became CCCP-74128 AFL/Privolzhsk rgd 14may58
Yak-12M	09 5 23	CCCP-L4167	AFL/Privolzhsk	rgd	29jun56	became CCCP-74167 AFL/Privolzhsk rgd 14may58
Yak-12M	09 5 24	CCCP-L4165	AFL/Privolzhsk	rgd	29jun56	became CCCP-14165 AFL/Privolzhsk rgd 14may58
Yak-12M	11 5 35	CCCP-L4207	AFL/Privolzhsk	rgd	07aug56	became CCCP-14207 AFL/Privolzhsk rgd 14may58
Yak-12M	16 5 25	CCCP-Sh414	AFL/Sasovo Flying School	rgd	18dec56	became CCCP-56414 AFL/Sasovo Fl.Sch.rgd 30jun58
Yak-12M	16 5 26	CCCP-Sh415	AFL/Sasovo Flying School	rgd	18dec56	became CCCP-56415 AFL/Sasovo Fl.Sch.rgd 24jun58
Yak-12M	16 5 35	CCCP-Sh417	AFL/Sasovo Flying School	rgd	18dec56	became CCCP-56417 AFL/Sasovo Fl.Sch.rgd 30jun58
Yak-12M	16 5 36	CCCP-Sh418	AFL/Sasovo Flying School	rgd	18dec56	became CCCP-56418 AFL/Sasovo Fl.Sch.rgd 01jul58
Yak-12M	16 5 37	CCCP-Sh419	AFL/Sasovo Flying School	rgd	18dec56	became CCCP-56419 AFL/Sasovo Fl.Sch.rgd 01jul58
Yak-12M	16 5 38	CCCP-Sh420	AFL/Sasovo Flying School	mfd	12nov56	became CCCP-56420 AFL/Ukraine trf ?; canx 1970
Yak-12M	16 5 39	CCCP-Sh421	AFL/Sasovo Flying School	rgd	18dec56	became CCCP-56421 AFL/Sasovo Fl.Sch.rgd 30jun58
Yak-12M	16 5 40	CCCP-Sh422	AFL/Sasovo Flying School	rgd	18dec56	became CCCP-56422 AFL/North Kavkaz; soc 05feb69
Yak-12M	17 5 01	CCCP-Sh425	AFL/Sasovo Flying School	mfd	17nov56	became CCCP-56425 AFL/Ukraine trf ?; canx 1966
Yak-10	---	CCCP-G261	Mingeo	rgd	1947	Ministry of Geology
Yak-10	---	CCCP-G262	Mingeo	rgd	1947	Ministry of Geology
Yak-10	---	CCCP-G263	Mingeo	rgd	1947	Ministry of Geology
Yak-10	---	CCCP-G264	Mingeo	rgd	1947	Ministry of Geology
Yak-10	---	CCCP-G265	Mingeo	rgd	1947	Ministry of Geology
Yak-12M	---	RA-26901	privately owned	photo	1999	taken at Kirzhach
Yak-18T	22202051304	UP-LA294	S.L. Kolokolitseva	rgd	13may21	ex CCCP-81576
Yak-42D	452042 29 14 166	RA-42368	Izhavia	IJK	23dec20	canx between 30mar21 and 20jul21
Yak-42D	452042 36 06 018	RA-42437	Gazpromavia	OSF	26aug17	stored; canx between 30mar21 and 20jul21
Yak-42D	452042 39 04 019	RA-42439	Gazpromavia	OSF	26aug17	stored; canx between 30mar21 and 20jul21
Y9	55 18 04	10657	Chinese Air Force	photo	14oct19	4th Div/11th Reg; I/n 09jul21: c/n known now
Y8Q	---	82032	Chinese Navy	photo	jul21	maritime patrol version with a MAD boom
KJ500H	---	85093	Chinese Navy	photo	jul21	9th. Div. at Lingshui

PH register

Newly registered aircraft:

PH-AAI	Airbus H125 (AS350B3)	8755	15jun21	MetTweeS BV
PH-BEK	Cameron Head 2-120	12420	4jun21	L.J.T. de Wulf
PH-BNG	Ultramagic N-250	250/107	3jun21	J.H. van Manen.
PH-COB	Tecnam P2010	134	3jun21	Cobbler ICT Services BV
PH-EAT	Kubicek BB.85Z	1798	3jun21	N.A.J. Kon
PH-GLD	Tecnam P2010	135	15jun21	Partners in Property BV
PH-GZF	Ultramagic M-77C	77/290	23jun21	H.P.C. Broeders
PH-HGE	Glasair Sportsman GS-2	7397	23jun21	Friesland Aviation BV
PH-KDL	Cessna F152	F15201489	3jun21	Jesterhoudt Holding BV
PH-NBR	Cameron Z-120	12451	28jun21	P.H.A. Smits
PH-NEO	Robinson R44 II	14170	15jun21	Top Motion Works BV
PH-OEN	Just Superstol XL	JA546-3-19	16jun21	Tempus Investments SRL
PH-PBV	Lindstrand LBL 105A	145	23jun21	Parkstad Ballooning
PH-PSF	Spitfire Mk 26B	077	16jun21	J. van den Berg
PH-PWS	Van's RV-3B	11485	16jun21	A.J. de Brie
PH-TFT	Boeing 737-8 MAX	44610	15jun21	TUI Airlines Nederland
PH-TFU	Boeing 737-8 MAX	44652	18jun21	TUI Airlines Nederland
PH-VDH	Diamond DA 62	62.158	24jun21	Van der Helm Logistiek BV
PH-VHK	Piper PA-28-161	28-7916003	15jun21	Cantonair Holland BV
PH-ZEZ	Beech B200	BB-952	14jun21	Zeusch Aviation BV
PH-OA2	Urban Air UFM 10 Samba	40/10	15jun21	R.M. Beekhuizen
PH-OA3	Urban Air UFM 10 Samba	33/10	15jun21	C. Beekhuizen
PH-OA6	ATEC Faeta 321	F720711A	16jun21	M. Paone
PH-4U9	TL TL-3000 Sirius	21-SI-206	30jun21	A.G. Harte Holding BV
PH-9W0	Miniplane Top 80 ABM	801603032	4jun21	J.J. Wicherson

PH-1497	Schleicher K-8B	8028		4jun21	M.D. Zorge
<u>Change of ownership:</u>					
PH-CPI	Embraer EMB-500	50000368		10jun21	Flying Service NV
PH-DLY	Cameron N-120	4603	5737	23jun21	H.T. Kwant
PH-DRN	SOCATA TB-10	1135	5749	30jun21	V.C.G. van de Mortel
PH-MAD	Cameron Z-77	11166	7285	28jun21	Wilco Air BV
PH-MIL	Sonex	614		18jun21	A.J. van der Zouw
PH-4R6	Aerospool Dynamic WT9	DY654/2018		25jun21	Weistraten BV
PH-7L2	Scout One Carbon	CRC010576		23jun21	M.J. van den Brakel
PH-7S6	Fresh Breeze XCitor	374	8637	4jun21	M.A.J. van Lieshout
PH-7U7	Fresh Breeze Super ThoriX	787	8457	7jun21	N.W.J. Grouls
PH-9Y5	Fresh Breeze Simo 122	147	20679	23jun21	F.G.H. Bruggeman
PH-361	Schleicher K-8B	8658	1178	25jun21	F.B.J. Post
PH-1078	Schempp-Hirth Janus C	188	5207	4jun21	W.A. Brinks
PH-1377	Schempp-H. Duo Discus xT	156	7027	7jun21	Zweefvliegclub Rotterdam
PH-1656	Glasflügel Libelle 201B	360		4jun21	J.J. Mulder

Cancelled from register:

PH-AQQ	Cameron N-120	3562	7410	15jun21	To G-CMBF.
PH-RKO	Cameron N-145	4259	7794	30jun21	To Estonia.
PH-TDR	Tecnam P92J Echo	12	5634	7jun21	To Poland.
PH-4S1	TL TL-3000 Sirius	18-SI-170		29jun21	Wfu. Damaged in landing incident at Middenmeer, 30 Dec 2019.
PH-9Q0	Airfer Explorer 2	929*06187		23jun21	Wfu.
PH-9X2	Fresh Breeze 122 AL 2 F	931	8109	21jun21	More than one year without valid airworthiness document.
PH-1559	Bölkow Phoebus C	912	8569	28jun21	To Germany.

Additions, corrections and news:

PH-AAI	Airbus H125 (AS350B3)	8755			Ex F-HJSC.
PH-BNG	Ultramagic N-250	250/107			'Benegas' advertisement.
PH-EAT	Kubicek BB.85Z	1798			'Culi Air' advertisement.
PH-GZF	Ultramagic M-77C	77/290			Ex F-GZFM.
PH-KDL	Cessna F152	F15201489			Ex PH-KDL, PH-KDL, PH-AXH.
PH-NBR	Cameron Z-120	12451			'Brabant Deur' advertisement.
PH-NEO	Robinson R44 II	14170			Ex OO-ICE, D-HALY, OE-XYW.
PH-PBV	Lindstrand LBL 105A	145			Ex D-OEVN. 'Veltins Pilsener' advertisement.
PH-PSF	Spitfire Mk 26B	077			Ex N7612.
PH-TFT	Boeing 737-8 MAX	44610			Ex (D-AMAE), N1800B.
PH-VHK	Piper PA-28-161	28-7916003			Ex F-GDRH, PH-SBV, N39735.
PH-ZEZ	Beech B200	BB-952			Ex N185XP, N1852B.
PH-0A2	Urban Air UFM 10 Samba	40/10			Ex ZU-DKM.
PH-0A3	Urban Air UFM 10 Samba	33/10			Ex ZU-CVT.
PH-0A6	ATEC Faeta 321	F720711A			Ex OH-U638.
PH-1497	Schleicher K-8B	8028			Ex PH-1497, D-5191, D-KEBT, D-5191.

Credits: Inspectie Leefomgeving en Transport.



Since the beginning of April 2021, this Robinson R44 Raven II has been flying with the Belgian registration OO-ICE at HeliAir in Harskamp, the Netherlands. On 15 June, the helicopter was registered as PH-NEO to Top Motion Works, Odijk. It is still flying for HeliAir from its own heliport in Harskamp, where Ernesto Bauer took this picture on 24 July 2021.



F-104G 21+60 was painted at Baarlo as DA+225 for a German movie. It went via Salzburg to its current location at Koppl-Habach, Austria. (4 July 2021, Pavel Brodský)

Netherlands

Breda-Seppe Stearman (07609)/N9912H has left Europe. It was flown to Antwerp on 28 June 2021 where it will be placed in a container and shipped to the USA.

Hoogeveen
42-14847 L-5 N255DB **76-050** jun21
The Stinson arrived at ATN in early June 2021.

Mander
2008 MiG-21M preserved **962008** jun21
The former Baarlo MiG-21 is now preserved at camping Snieder at N52.43225, E6.80268.

Nieuw Loosdrecht
The owners of the Hungarian MiG-21bis 47 (see last months' Dutch W&R overview) have repainted the aircraft in fake Soviet markings as 99 red. They are offering it on markt-plaats.nl for rent.

Vriezenveen
FWP149D OO-LWG/90+36 has left Apeldoorn in early July for a Twents Oorlogsmuseum. It is currently stored off site.

Austria

Koppl-Habach
DA+225 F-104G (21+60), preserved **7029** jun21
The Starfighter is preserved outside at the Manro classic auto & musik museum and came from Red Bull Salzburg. Also still on display is Alpha Jet (40+31)/D-IADM.

Salzburg
T-28B 138179/OE-ESA from Red Bull was lost in a crash on 20 June 2021 in Czechia. Preserved SAAB 105 BJ-40, which had arrived here on 13 January 2021, has been dismantled and removed on 23 June. It went to storage at Zeltweg.

Belgium

Saffraanberg
M3 Alouette 3 instructional **1817** jun21
The Alouette arrived by truck from Koksijde on 17 June at the military school. Of the other Alouette 3s, M1 has flown to Landen to the Brussel museum storage, while M2 will be displayed at the museum at Beauvechain.

Zoersel
10 IAR823 F-AZLQ, ex Romania **10** jul21
The former Saint Ghislain aircraft went to Brasschaat for overhaul and was redelivered on 1 July. It is now based at Zoersel.

Bulgaria

Sadovo Cheshnegirovo
50 L-29 preserved jun21
A Delfin is now preserved near MiG-23BN 66 along road 8.

Wrecks & Relics

The aircraft is not in original colours and serial 50 could well be incorrect.

Czechia

Bezděkov
4411 MiG-21PFM preserved **94A4411** jul21
The former Kbely MiG-21 arrived at the new collection here on 1 July. Bezděkov is just east of Zatec (N50.32552, E13.58552, see www.letci-zatec.cz).

France

Bar sur Seine (10)
6 Cap10 F-AZVZ, ex Étampes **6** jun21
According to the locals Stearman 41-8831/N52533 is not based here.

Beaune-Challenges (21)
67/615-WJ TB30 F-AYFM **67** jun21

Bordeaux-Mérignac (33)
1519 SA341F instructional, ex Tours **1519** jul21
This Gazelle is new with the Institute de Maintenance Aéronautique (IMA), who also still have CM170 117 and EC725R2 2555/SF.

Buc (78)
306/33-TB Mirage 3R preserved **306** jul21
The aircraft have been given a new lick of paint and a code has been added.

Châteaudun (28)
285/43-BO MH1521M preserved **341** jul21
602 Mirage F1CR preserved jul21
Both are now part of the CANOPEE (Conservatoire d'Aéronefs Non Opérationnels Préservés et Exposés) collection. The Broussard used to be part of the CAEA collection at Bordeaux. Mirage 2000N 337 (ex storage airfield) has been allocated to the collection, but is not yet in their hangar. Outside the museum was dismantled Super Mystère B2 79/10-RH which used to be preserved at the officers mess just outside the airfield.

Dax (40)
276 Lynx HAS2(FN) preserved **078** jul21
The Marine Lynx is now part of the Musée de l'Aviation Légère de l'Armée de Terre.

Dijon-Bourgogne (21)
The four TB30s (96/315-XM, 101/315-XR, 144315-ZI and 149/315-ZM) bought by Apache Aviation for spares are currently in maintenance at Dijon-Darios. They remain in their military markings. 96 is now also marked F-HKYF and 144 is F-HKYL. Dijon-Bourgogne used to be known as Dijon-Longvic.

Épernay-Plivot (51)
(43176)/338 N2S-3 N1346M **75-8270** jun21
Another based Stearman (61727/N1729B) was said to be in a

locked hangar.

La Wantzenau (67)

MM61895/14-42 C-47 preserved **6011** jun21

The former Seriate (Italy) Skytrain is now at the MM Park museum (www.mmpark.fr).

Romorantin-Pruniers (41)

A75/W Jaguar A preserved jul21

515/5-OG Mirage 2000B preserved **175** jul21

The former Châteaudun Mirage is at the gate of the barracks, while the Jaguar is between the hangars and visible from the aero club side. The other three preserved aircraft, Mirage 3R 331, Mirage F1C 202 and Mirage F1CR 656, were also still here.

Touchay (18)

The private collection has been visited in July 2021. All the aircraft listed in EMOOS were seen exception of CM170s 232/F-GNYD and 568. They were no longer here.

Tours (37)

E134/705-RM Alpha Jet preserved jun21

The Alpha Jet is preserved since early June behind the main gate.

Germany

Aachen-Merzbrück (NW)

138220/752 T-28B N220NA **200-291** jun21

This Trojan is a recent arrival and was still dismantled. Also noted was P3-05 A-846 which is now marked D-EBSM (ex HB-RBU).

Bienenfarm (BB)

(41-8741)/53 PT-17 N75010, ex Reinsdorf **75-2300** jul21

Bückeburg (NI)

73+08 UH-1D preserved, special colours jul21

The Huey was lifted into the Hubschraubermuseum on 20 July 2021.

Egelsbach (HE)

(43501)/595 N2S-5 N1704M, ex Bad Marienberg jul21

44-72927/WZ-W Mustang 4 NX51ZW, ex 9597/Canada jul21

The Mustang was at Bremgarten under restoration earlier this year. It is also ex USAAF 44-74453.

Hannover (NI)

(51-4015) H-23A N212W, ex Uetersen **237** jul21

(52596) N2S-5 N9045H, ex Paderborn jul21

Both should now be based here.

Karlsruhe-Baden Airpark (BW)

31+42 G91R/3 preserved **410** jun21

The Gina is new with the Deutsch Kanadisches Luftwaffen-

museum and came from Manching.

Landshut-Ellermühle (BY)

(MM80504) AB47G-4 D-HWAL, ex Bremgarten **2519** jul21

Lauben (BY)

G91R/3 31+74 was removed from its location at the Illerparadies Park during mid-March 2021. It was reported to have been bought by someone in the area.

Neu Anspach (HE)

(44-80691) L-4J D-EJIN, ex Egelsbach **12987** jul21

Neustad-Glewe (MV)

(43266)/350 N2S-5 N60MV, ex Uetersen **75-8360** jul21

CASA 1131E E.3B-574/781-34/D-EJMI is also still here.

Pfullendorf (BW)

51+04 C-160D instructional **141** mar21

The aircraft is the Stauffer Kaserne at N47.90804, E9.25590.

Trebur (HE)

A private collector here has UH-1D 72+60 (l/n Jul21). It used to be an instructional airframe at Faßberg.

Trier-Föhren (RP)

(20286)/LE-W Harvard 4 D-FAME **CCF4-077** jul21

(42-17822)/74 PT-13D N8884P **75-5985** jul21

Both were last seen under restoration at Bremgarten and are now based here.

Wernigerode (ST)

(58-2098) T-33A preserved **1684** jun21

The forward fuselage of this T-bird used to be at Oldendorf.

Wilhelmshaven-Mariensiel/Jade Weser (NI)

(HB653) Argus 3 D-EROT, ex HB-ERO **891** jul21

The former Lommis, Switzerland, Argus flies now with a German registration.

Wittmund (NI)

(41+04) Alpha Jet C-FHTO/104 **0104** jul21

(749) TA-4J C-FGWT/499 **13499** jun21

Top Aces has added two more aircraft to their fleet at Wittmund. The Skyhawk arrived from Prestwick on 6 May, while the Alpha Jet arrived on 15 July.

Zell-Haidberg (RP)

(38232)/178 N2S-3 N178MD **75-7853** jul21

This airfield is at N50.13747, E11.80005.

Hungary

Kecel

48 MiG-21bis stored, ex Papa **75081501** apr21

The forward fuselage of the MiG is stored on a pallet at the



Stearman 41-8741/N75010 is a new resident in the Quax Flieger hangar at Nauen-Bienenfarm. It used to be based at Reinsdorf. (3 July 2021, Otger van der Kooij)



French navy Lynx HAS2(FN) 276 is a new arrival in the French army museum at Dax. (22 July 2021, Hans van der Vlist)

Haditechnikai Park.

Szged
(51-3647) T-28A HA-RDM, ex HB-RDM **174-185** jul21
The Trojan had arrived here by April 2021 from Grenchen, Switzerland.

Italy

Bologna-Borgo Panigale (BO)
F-ZWT1 NH90 restoration **PT2** jul21
On 5 July a NH90 prototype arrived from Istres at the airfield. After restoration it will be repainted in Italian Army colours and will go on display at the Volandia near Malpensa.

Bracciano (RM)
MM80534/EI-282 AB205A-1 stored **4131** jul21
The Bell was seen inside a hangar. It was last reported as stored at Casarsa delle Delizia. Two AB206C-1s have recently been removed from storage. MM80866/EI-598 and MM80913/EI-645 moved out on the back of a truck in July.

Roma (RM)
MM6459/8-14 G91Y preserved **2021** jul21
The Gina is pole mounted at the Bruno Bentivoglio yard and came from Cormano.

Villaverla (VI)
A dismantled G91 was noted in June 2021 on the grounds of the Elsa Modellismo shop (N45.64618, E11.49306). The aircraft is marked MM6410/2-22 with painted on c/n 205. This looks like a composite aircraft.

Norway

Rakkestad
(43)/H3+BF MS500 LN-WNS **1816** jun21
The Morane is now based here, it came from Tønsberg.

Poland

Zalesie Görne (MAZ)
(0853) An-2T preserved **1G108-53** jun21
(5349) Mi-2R preserved **565349127** jun21
Both are in an amusement park named Planecie Zalesie (N52.03004, E21.04597). The An-2 came from Modlin and the Mi-2 from Przesocin.

Spain

Castellbisbal
(H-69) Harvard 2B (N9752F), preserved **14A-2416**
An unmarked ex Belgium Harvard is preserved inside the Museu del Tractor d'Època (Tractor museum) at Carrer Comunicacions 8 (N41.46346, E1.98854). It is here since at

least September 2010.

Cuatro Vientos

The fuselage of stored CASA 212 T.12B-26/72-02 has been scrapped in December 2017.

For the ex Italian Bird Dog MM61-2955/I-EIAU, which arrived some two years ago, Spanish markings EC-NQT has been allocated. It flies with Fundación Aeronáutica Antonio Quintana. Higuera de Vargas
AR.9-69/23-32 SRF-5A preserved **2069** may21
The F-5 is pole mounted in a local park (N38.44103, W6.97308). It used to be stored at Talavera La Real.

Madrid

HA.15-59/ET-328 Bo105TH instructional, ex Almagro **S.535** jul21
A Bo105 is with the medical unit Brigada de Sanidad at the Retamares Barracks. It is visible from outside (N40.40040, W3.81800).

Villanubla-Valadolid

U.9-38/79-115 CASA 127 preserved **38** may21
On 5 May the CASA was placed on display at the courtyard behind the gate.

Switzerland

Altenrhein

V-601 Do27H-2 preserved **2008** jul21
WK436 Venom FB50 (J-1614), G-VENM **824** jun21

The Venom was noted under restoration at the Flieger- und Fahrzeugmuseum Altenrhein. The Dornier arrived at the museum on 1 July as a helicopter undersling from Dübendorf. The Venom G-VENM is under restoration. Vampire T55 U-1212 is also still under restoration. It used to fly in Sweden as A yellow/SE-DXT, but is since September 2020 registered as HB-RVZ. Two Hunters have left the collection. J-4064/HB-RVQ and J-4086/HB-RVU have both been sold to Lortie Aviation in Canada.

Grenchen

49-1742/WD T-28A N1742R **159-254** may21
The Trojan arrived on 28 April 2021. It is still in full USAF colours.

Langenthal

Bu131B A-53/HB-UVC was sadly lost at a fatal crash on 20 July 2021.

Turkey

Gölbasi

10334 TH300C instructional **S1282** jun21
10335 TH300C instructional **S1293** jun21

Both are instructional airframes in a hangar at the military heliport south of Ankara (N39.80326, E32.84549).

United Kingdom

Biggin Hill, Kent

Curtiss TP-40N 47092/N293FR arrived from the USA on 10 June 2021 to take up residence in the Biggin Hill Heritage Hangar. Although it is officially ex 42-104721, its true identity is believed to be 42-9749. Nothing is ever straightforward with warbirds....

Kemble/Cotswold Airport

XT597 Phantom FG1 restoration **1611** jul21
XT905/P Phantom FGR2 restoration **2636** jun21

The British Phantom Aviation Group is setting up its base here. Two have arrived so far, from storage at Wymeswold.

Manchester

The aviation collection at the Science and Industry Museum is closing. Fates for all of the aircraft are known:

G-ABAA Avro 504K for Stow Maries
WZ736 Avro 707A for BDAC, Old Sarum
WR960 Shackleton AEW2 for Avro Heritage Museum, Woodford
XG454 Belvedere HC1 to return to The Helicopter Museum, Weston-super-Mare

WG763 EE P1A for BDAC, Old Sarum
(997) Mitsubishi Ohka I (8485M), for Pima Air Museum, AZ

Manston, Kent

XF509 Hunter F6 stored **S4/U/3355** jun21

A Hunter arrived at the RAF Manston History Museum from Fort Paull on 18 June 2021. It will eventually go on display at the Hornby factory in nearby Margate.

St Athan, Wales

ZA612 Tornado GR4 preserved **BT028/3076** jun21

The South Wales Aviation Museum took delivery of a Tornado from DSTL Porton Down during June.

Thorpe Wood, North Yorkshire

ZD613 R/122 Sea Harrier FA2 stored **912052** mar21

Jet Art Aviation took delivery of a Sea Harrier from Leeds on 18 March 2021. It will be restored and then sold on.

Dutch Wrecks & Relics updates

Grootegast (Groningen)

P149D D-EGIT/91+78 is confirmed by the museum as stored off site.

Maastricht (Limburg)

The former Baarlo TB-9 PH-TBT is now with the technical school at the airfield.

Malden (Gelderland)

(OK-5309) Sohaj 3 preserved **0205** jul21

The unknown Sohaj at the Zweef Inn café has been identified.

Midden Zeeland (Zeeland)

Cadet VM547/BGA858, LNE-1 31521/N2565X and Tendam Tutor (XA286/PH-1452) are all airworthy and not stored.

The stored frame of a Cadet TX3 is not WT899, this is under restoration with a private owner in Tilburg.

Nieuw-Vennep (Noord Holland)

Also here is Göppingen Gö4 BGA1642/CMB (c/n 6060) which is displayed as wreck.

Oosterland (Zeeland)

CeP337H N4AQ has left for the UK in February 2019.

Soesterberg (Utrecht)

Sedbergh WB946/PH-799 should be removed from the list. It has been flying for many years.

Sint Isidorushoeve (Overijssel)

0565 MiG-21UM preserved **0569516** feb21

This entry somehow dropped from the final overview. It is still at the Autobedrijf Aktief (N52.17672, E6.70238).

Credits: Pieter Bastiaans, Glenn Bocking, Ruud van Haaster, Coert & Eric Munk, Paco Rivas, Henk Wadman, Fred Woestmaat.



Camping Le Haut Village has SO1221S Djinn FR115/CCD in one of its rental houses. The camping is at a place called Saint-Michel-Chef-Chef, which is near Saint Nazaire. (23 July 2021, Hans van der Vlist)



Belgian C-130H CH-13 arrived on 21 April 2021 for preservation at the 1st Wing Historical Centre at Beauvechain. (29 June 2021, Erwin Alexander)



Since 2009 ex Swiss Vampire T55 U-1237/00-KGS is at Charleroi and is currently stored with Wallonie Aerotraining Network. (30 June 2021, Erwin Alexander)



Most Stearmans flying in military colours do this in USAAF or US Navy markings. Aachen-Merzbrück based T-17 41-8231/N322FD and N2S-1 3280/N54565 are both in U.S. Coast Guard colours. The later was seen flying around by Wolfgang Birmes on 14 June 2021.



Bonave is a small village south of Ville sur Jarnioux. Stored dismantled behind a barn is MH1521M 015/721-EP, which used to be preserved at a museum at Perpignan. (17 July 2012, Hans van der Vlist)



Although Morane MS893-100S 70 is in the display hall of the Musée de Tradition de l'Aéronautique Navale at Rochefort-Soubise it still needs some work to become a proper display aircraft. (13 July 2021, Leonard van Teeffelen)



CM170 168 is displayed outside a small museum at Saulgond-Rouffiganc, which is east of Limoges. (11 July 2021, Leonard van Teeffelen)

Dustpan & Brush



On 16 July 2021, while searching for a lost hiker, 'Longhorn 02', United States Navy MH-60S 165760/7H-02 of Fallon SAR, crashed near Mount Hogue in Mono County (CA). The crew of four did not suffer serious injuries and were rescued the following day by an Army CH-47, that was called in due to the high altitude of the crash site. (NAS Fallon (NV), 28 September 2016, Jim Dunn)

New Accidents:

17jun21 N62069 U-8F **LF-64** dam

The right wing exploded after the number 2 engine (right hand side) was started of the [Bemidji Aviation Services](#) Beech Seminole, while at Goodland-Renner Field (KS). The sole person onboard was fine, the Beech received a lot of damage.

25jun21 N372NS OH-58A **40923** dam

A Louisiana man was killed in Talladega County (AL) when the [Garlick Helicopters](#) Kiowa he was piloting crashed near Sylacauga. He was spraying pesticides near 700 Edwards Road in Alpine when the Bell came down. According to a social media page, he was also a pilot for the Army National Guard in addition to the agriculture operation he was flying for on Friday. The chopper used to belong to the US Army with serial 70-15372.

25jun21 N970AA Sh360-300 **SH3737** dam

An [Air Cargo Carriers](#) Shorts 360, operating on behalf of FedEx Express as flight SNC700 from Las Vegas North (NV) to Las Vegas-McCarren (NV) with two crew members, landed on McCarren Airport's runway 08R, when tower instructed the aircraft to taxi all the way down and hold short before 08L. They were then to taxi to the cargo apron, but the crew responded they would remain on the runway, another voice chimed in asking "is your gear up?". The Shorts became stuck on its belly on the runway, emergency services responded at that point, and the aircraft was later lifted off the runway by a crane. It turned out the aircraft had actually performed a full stop landing at Las Vegas North, departed again for a visual return to Las Vegas McCarren, and suffered the gear problem at landing at McCarren. The airport reported the aircraft made a hard landing after the landing gear did not deploy.

27jun21 EW-164CC Mi-2 **5211139050** dam

A [Belarusian Ministry for Emergencies](#) Mil Mi-2 helicopter crash landed near Chderebasovo, Brest region, on a forest surveying mission. Both occupants remained unhurt.

28jun21 M502-3 AS555SN **5714** dam

A [Tentera Laut Diraja Malaysia](#) (Royal Malaysian Navy) Fennec made a rough landing within its home base Lumut, causing the skids to break off and bending the rear fuselage.

It is expected that the damaged Fennec will be shipped to Airbus Helicopters, Subang, for further investigation.

28jun21 PT-SUS AS350B3 **7909** dam

An [Ecureuil](#) of [Corpo de Bombeiros Militar de Minas Gerais](#) rolled over on an attempted landing at a gas station, four kilometres north of Jequitai, Minas Gerais, Brazil. A video of the accident shows the helicopter kicking up a cloud of dust as it approached the landing site. The helicopter had been dispatched to assist a medical team in Jequitai, dealing with a patient with a heart attack.

28jun21 C-GYHQ Bell 212 **30933** w/o

While trying to assist in fighting wildfire EWF-075, the Bell 212 of [Yellowhead Helicopters](#) crashed near Evansburg (AB), killing the pilot and sole person onboard. Emergency crews were called to the scene around 18:30 hours local time after RCMP (Royal Canadian Mounted Police) received a 911 call reporting the crash. Evansburg RCMP, EMS, firefighters and Alberta Wildfire responded to the site in a remote area west of Highway 22 and north of Highway 16 in Yellowhead County. The location is not accessible by road and police were brought to the scene by aircraft.

29jun21 N134VG Bell 206B **1512** dam

Following a loss of engine power, the [Wilmington Trust Co Trustee](#) Bell JetRanger impacted airport terrain during the ensuing forced landing, at Griffiss International Airport, Oneida County (NY). The helicopter came to rest on its left side, sustaining substantial damage, and the three people onboard received minor injuries. Authorities said the pilot began to lower the chopper down for a landing when the whirlybird lost power about twenty to thirty feet above the runway. The helicopter fell the remaining distance and landed on its skids, then bounced back in the air, came down and this time fell onto its side, crashing the propeller into the blacktop.

01jul21 FA130 F-16AM **6H-130** w/o

On the day the Koninklijke Luchtmacht was to say goodbye to F-16 operations from Leeuwarden, a [Belgian Air Force](#) F-16AM suffered some serious problems during start-up. During start-up the engine was accelerating too quickly (some reports mention it kicked into afterburner) and it

jumped the chocks, before crashing into a hangar. The pilot ejected from the Fighting Falcon (a parachute was seen) and was injured, while two other persons were also injured. As a precaution the fire services doused the Viper with water. The airbase later confirmed there was no fire or explosion.

01jul21 N10HK PA-60-600 **60-0715-8061222** dam

On final approach to Wichita-Colonel James Jabara Airport (KS), the pilot of the JA Mach III Piper Aerostar reported technical problems and elected to make an emergency landing. The aircraft crash landed in a field located about 3,5 kilometres short of runway 18, near Bel Aire. The pilot escaped uninjured while the aircraft was damaged beyond repair.

02jul21 N810TA B737-275C **21116** w/o

Transair flight T4-810, from Honolulu-Daniel K. Inouye International Airport to Kahului Airport (both in Hawaii), had to ditch in the Pacific Ocean (in the waters off the island of Oahu, near Honolulu) after failing to reach a landing spot. The classic Boeing 737, with two crew members onboard, had departed Honolulu's runway 08R when they stopped the climb at about 2,000 feet, reporting they had lost the left engine. Tower cleared the flight for a visual approach to runway 04R and the aircraft began to descend while trying to position for a return to the runway. They advised they might lose their other engine, as it was running very hot, and requested the Coast Guard to dispatch. Tower subsequently cleared the aircraft to turn onto a heading of 020 degrees for runway 04R, but the crew reported they no longer had the airport in sight. Tower advised they had a low level alert and cleared the flight to land on any runway. All operations at the airport were stopped, emergency services were called out and the Coast Guard were on their way out as well. Tower provided a heading of 310 degrees directly to Honolulu's Kalaeloa Airport, but did not receive a reply from the aircraft anymore. The aircraft did not make it to the airport and needed to ditch in the Ocean, about 2.7 miles short of the Kalaeloa's runway 29. Both crew were rescued, one pilot was airlifted to a hospital, the other taken ashore by a rescue boat and taken to a hospital. The hospital reported one of the pilots was in the intense care unit (ICU) in critical condition, the other received serious head injuries and multiple lacerations and was in a serious condition but was later released from hospital care.

02jul21 I-TNLD AS350B3 **3383** dam

A Eurocopter AS350B3 Ecureuil of Provincia Autonoma di Trento touched down very hard in Trento, Trentino, severing the tail boom and collapsing the skids. Both occupants sustained minor injuries.

04jul21 UP-A0135 An-2R **1G143-48** dam

An Antonov An-2 of ELISA force landed in a field twelve kilometres from Karaultobe, Kyzylorda, Kazakhstan, after an engine malfunction and flipped over. Both pilots survived the crash and were taken to a hospital. The aircraft was spraying a rice field at the time of the accident.

04jul21 RA- Mi-2 dam

A private Mi-2 made a hard landing in the Prohladnyy Kabardino Balkaria region of Russia, and received quite some damage.

04jul21 PR-KNI PA-34-200 **34-7350108** w/o

According to the local fire brigade, the QNE Escola de Aviadores Piper Seneca lost power on both engines and came down at Guarapari, Espírito Santo, Brazil. All onboard escaped the plane before the fire began. They had taken off for a local crew instruction flight, with two crew members onboard. Shortly after take-off the aircraft came down at a distance of four miles in the axis of the runway. The occupants left with serious injuries.

04jul21 PS-PVB H130 **8823** dam

The Airbus Helicopters H130 of Locação de Máquinas e Equipamentos was planning to take-off from Querença Farm, located in the municipality of Onça do Pitangui, MG, at 15:30 hours local time. During the taxi, the aircraft performed a 180 degree turn to align with the wind and at this moment the tail rotor touched a bush located near the landing area. The aircraft returned immediately to the ground. The pilot was unharmed. The aircraft had substantial damage. The incident was notified only three days after it occurred and when the investigation team arrived on site, the aircraft had already been moved and with several parts disassembled, and the vegetation in which it would have crashed had been cut.

04jul21 (PP-VTD) Beech B100 w/o

Honduran armed forces encountered an aircraft that had just landed on an illegal airstrip in Brus Laguna, Gracias a Dios. A gunfire ensued and the criminals fled the scene. A load of drugs was found on the aircraft by law enforcement officers. The aircraft (carrying fake registration PP-VTD) was burnt by Honduran law enforcement officers on 13 July.

05jul21 5125 C-130H **5125** w/o

A Hukbong Himpapawid ng Pilipinas (Philippine Air Force) Lockheed C-130H Hercules crashed in the Sulu province, in the south of the country. The transporter crashed while trying to land at Jolo airport and was carrying three pilots, five crew members, and 88 passengers, mostly personnel from the Philippine Army's 4th Infantry Division. According to an initial report from the Department of National Defense (DND), 47 bodies were recovered, meaning 49 survived. On top of that three civilians are reported to have died on the ground. Initial information indicated that the aircraft was flying from Cagayan de Oro-Lumbia Air Base, and missed the runway while landing at Jolo Airport. It tried to regain power but failed and crashed just outside the airport. The C-130H involved was only delivered to the PAF in January 2021, as part of an acquisition for two refurbished C-130Hs, partially funded by a US Military Assistance grant.

05jul21 N790JR IA1124A **424** w/o

Both occupants of the Transenergie Westwind II were killed after it was destroyed when it impacted the ground shortly after take-off from Treasure Cay Airport, Abaco, Bahamas. A post-crash fire occurred, destroying the Israel Aerospace Industries bizjet.

05jul21 C-GYAC CJ-6A **1232028** dam

A Nanchang CJ-6A of CJ6 Entertainment struck a lawnmower on landing at Saint-Esprit Airfield (Que.), Canada. The driver of the lawnmower suffered fatal injuries. The airplane suffered severe damage to the leading edge of the right-hand wing. This was not the kind of entertainment the lawnmower driver was looking for.

06jul21 RA-26085 An-26B-100 **12310** w/o

Sadly all six crew members and 22 passengers onboard this Kamchatka Aviation Enterprise An-26, operating flight PTK251 from Petropavlovsk-Kamchatsky to Palana, were killed after it impacted a top of the coastal slope, about 3.8 kilometres from the airport. It happened while on approach to Palana in foggy and cloudy conditions when contact with the aircraft was lost. Two helicopters and a number of search aircraft were dispatched to check the route of the aircraft, checking both approach routes to Palana over land and over the sea. A number of ships were also dispatched to a location at the sea, to investigate a location where the aircraft might have come down, emergency services report. A weak ELT signal was discovered. Kamchatka's regional government reported contact with the aircraft was lost just when the aircraft was manoeuvring to begin the final approach, about nine kilometres before the airport, at about 15:00 hours local time. The aircraft had departed Petropavlovsk at 12:57 hours



On 2 July 2021, the above Ecureuil (I-TNLD) in the splendid colours of the Provincia Autonoma di Trento touched down very hard in Trento and receiving substantial damage as a result. Michiel van Herten came across it at Trento on 21 June 2016.

and was estimated to land at 15:05. Kamchatka's government confirmed the wreckage was located, parts of the aircraft were found in the water some dozen meters below the coastal edge where the aircraft impacted, some parts were found on land. Rosaviatsia reported a search helicopter found the wreckage at position N59.1078 E159.8478. The engines were on top of the cliff, the rest of the aircraft down in the sea at the foot of the cliff.

07jul21 N911KW Bell 212 **30592** w/o

A Bell 212 of Rogers Helicopters crashed while working on the Lava Fire north of Weed in Siskiyou County (CA), and came down in Lake Shastina. There were no passengers onboard the aircraft and the pilot walked away from the crash, according to social media posts by the U.S. Forest Service. The Lava Fire, burning northeast of Weed, has burned about 25,000 acres and was 72% contained as of 7 July.

07jul21 3062 UH-1H-II **13688** w/o

The Fuerza Aérea de República Dominicana lost a Huey II of Escuadrón de Rescate Aguilas, after it crashed for unknown reasons in Jamani. It used to operate for the US Army as 74-22364.

08jul21 SE-KKD DHC-2T **1629TB17** w/o

Several people onboard the Skånes Fallskarmsklubb Turbo Beaver were killed, after it crashed near Örebro-Bofors Airport when it was about to take-off. Onboard were nine people, including the pilot. Exactly what happened was not immediately clear.

08jul21 HK-2820 DC-3C **20171** w/o

During a training flight from Villavicencio-La Vanguardia Colombia, with three crew members onboard, the ALIANSA Colombia Dakota was climbing out of Villavicencio, about five minutes after the departure, when radar and radio contact was lost. Local media reported the crew declared an emergency shortly after departure. Not long after the crash site was confirmed in the Guatiquia river canyon, east of the aerodrome, which is in a mountainous area.

08jul21 Mi-35 **dam**

A Zimbabwe Air Force Mi-35 crash-landed in Chitungwiza after developing a technical fault mid-air, but the crew managed to make an emergency landing. As a result of the pilots' skills and deftness, no lives were lost in the aircraft and on the ground. According to the Air Force, the two pilots and the five aircraft technicians onboard did not sustain any injuries in the crash landing. The Air Force said the helicopter gunship was forced to make the crash landing. The helicopter

was flying from Kutanga Range in Kwekwe to Manyame Air Force Base.

08jul21 C-GGRC Bell 206B-3 **3623** w/o

A Bell JetRanger III of Valhalla Helicopters sustained substantial damage subsequent to an apparent dynamic rollover on vineyard terrain of Checkmate Artisanal Winery, southwest of Oliver (BC), where it was slowly leaking out fuels into the vineyard. The three occupants onboard the helicopter received unspecified injuries.

10jul21 N66NC Ce421C **421C0519** dam

In the process of being sold, this private Cessna Golden Eagle II sustained damage subsequent to a runway overrun during a take-off attempt at Vance Brand Airport (CO). Two occupants received minor injuries and two were not injured.

10jul21 N3688P Beech C90 **LJ-915** w/o

The firefighting aerial reconnaissance Beech King Air of Falcon Executive Aviation was destroyed after a reported in-flight structural failure and ground impact near Wikieup, Mohave County (AZ), while working the Cedar Basin Fire. The two occupants received fatal injuries. The lightning-caused Cedar Basin Fire has burned 300 acres (121 hectares). The plane performing aerial reconnaissance acts as a "director" for aviation resources responding to a wildfire.

11jul21 EC-MTS Bell 412HP **36050** dam

Operating for Gobierno de Aragón, the Rotorsun Bell 412 hit the water of a lake while attempting to refill the bambi bucket during a firefighting mission to the Ejea de los Caballeros landfill, after an apparent power loss. The crew were rescued by boat. Pictures show the chopper on its left side in the lake, so it received water damage.

11jul21 EC-JDQ AS365N3 **6679** dam

Two Spanish choppers receiving substantial damage in one day. First was the Bell 412 of Rotorsun, the second was this Eliance Dauphin 2, operating for the Servicio de Vigilancia Aduanera (Spanish Customs). It crashed in the Strait of Gibraltar, thirty miles east of Sotogrande beach, San Roque, Cádiz, while chasing drugs traffickers at night. One crew member, the Customs sensor operator, died in the crash and the two pilots survived and were rescued by a Customs vessel. The Emergency Flotation System deployed. The helicopter was salvaged the same day.

11jul21 C-GUAY Ce208 **20800255** dam

A float-equipped Cessna 208 operated by Air Tunilik, departed Puvurnituq Airport (Que.) to the Rex North Mining Camp (Que.) with only one pilot onboard. The wheels were

not retracted prior to landing, so when the floats touched the water, the aircraft flipped over. The pilot was able to evacuate the aircraft but it received a lot of damage.

12jul21 KUH-1M dam

A Republic of Korea Army was partially destroyed at an aviation battalion base in Pocheon, 46 kilometres north of Seoul, after the aircraft crash-landed on the airstrip, leaving five people aboard injured. It was operated by the 60th Aviation Corps, 1 Aviation Company.

12jul21 5Y-BCL DHC-2 1552 w/o

A de Havilland Canada Beaver of Desert Locust Control (former KAF102 of the Kenya Air Force) departed Nairobi-Jomo Kenyatta Airport, Kenya, on a flight to Lodwa, carrying two passengers and one pilot. The goal of the mission was locust invasion monitoring. En route, the aircraft crashed under unknown circumstances in the hilly Jerusalem area of Ndabibi, near Naivasha. One person was killed while the two other occupants were injured. The aircraft was destroyed by a post-crash fire.

13jul21 N678SW Ce421B 421C1023 w/o

A private Cessna Golden Eagle II was destroyed when it impacted a residential structure near Monterey Peninsula Airport (CA), shortly after take-off from runway 10R.

14jul21 N6505 AHRLAC Bronco II A-002 dam

The second AHRLAC (Advanced High Performance Reconnaissance Light Aircraft, a South African light reconnaissance and counter-insurgency aircraft) Bronco II prototype of the Paramount Group suffered an undercarriage collapse at Eglin AFB (FL), according to a photo that had surfaced on social media. The date of the occurrence would be on or before 14 July. The aircraft was reportedly in the US, competing for the SOCOM Armed Overwatch programme.

15jul21 N776MC PA-23-160 23-1078 dam

Following a loss of engine power of the Tri Flying Tigers Piper Apache (Seguin Geronimo conversion), the aircraft force landed to farm field terrain while on approach to Easton/Newnam Field Airport (MD). The airplane sustained substantial damage but the two people onboard were not injured.

15jul21 G-HBEK A109C 7633 dam

An Agusta A109C of HPM Investments crashed into a field at Organford Road, Holton Heath, Wareham St. Martin, Dorset. The pilot was uninjured. Emergency services were called at 09.56 in the morning to the scene in Organford Road. A Dorset

and Wiltshire Fire and Rescue Service spokesperson said: "Crews from Poole Fire Station and Blandford Fire Station were called to a light aircraft crash in the Holton Heath area. On arrival, crews found a helicopter had crash landed on private land. The cause is not yet known but thankfully the pilot managed to get out by himself and was uninjured." They added that the crews from Poole had established there was no fire and no one was trapped. "Firefighters made the scene safe and the crew from Blandford were turned around before arriving as they were not needed".

15jul21 C-GIGO Ce208 20800549 dam

15jul21 C-GUTW DHC-3T 405 dam

A float-equipped Cessna 208 of Seair Seaplanes was preparing to conduct a flight from Ganges Harbour (BC) to Vancouver Airport (BC) with one crew member onboard. Prior to the engine starting, the dockhand assisting the pilot untied the guide rope and held it in his hand. When the engine started the aircraft travelled forward pulling the rope from the dockhand. The Cessna began travelling forward until the propeller of C-GIGO struck the rear of a float-equipped DHC-3T Vazar Turbine Otter (C-GUTW), operated by Harbour Air. After the initial prop strike, the pilot of C-GIGO quickly shut down the engine as the aircraft rotated ninety degrees, striking C-GUTW with the right-hand wing. C-GUTW was tied to the dock with no one onboard during the occurrence. There were no injuries, however, both aircraft sustained substantial damage.

16jul21 RA-28728 An-28 1AJ007-13 dam

A SILA Siberian Light Aviation Antonov 28, flying a Russian domestic route from Kedrovoy to Tomsk with four crew members and fifteen passengers, was enroute about 100 west of Tomsk when radio and radar contact was lost. Later an ELT signal was picked up in the vicinity of the village of Bachkar, and the coordinates established at N57.38 E80.38. Search and rescue teams made their way to the site where they located the Antonov upside down, however, everybody survived. One of the pilots received a serious injury (broken leg), all others escaped with minor or no injuries. According to initial information the crew did not report any problems or anomalies with the flight. The crash site is in an area of dense forest which hinders the search as nothing appears to be visible from the air. According to preliminary information the crew performed a forced landing in an open area following at least one failed engine.



On 9 June 2021, Bell 206 JDF H-35 of the Jamaica Defence Force, made an emergency landing near Dunbeholden, St Catherine and was substantially damaged. The occupants were not injured. (Kingston-Up Park Camp, 9 May 2011, Wim Sonneveld)

On 20 July the captain reported they went into a thick cloud and icing occurred, resulting in the failure of both engines. The crew thus had to think fast, the passengers had already understood something unusual had happened and followed the instructions to buckle up properly, while the crew began to look out for a location to land the aircraft, deciding on an area with small thin trees. Only when the wheels touched the ground they realised the ground was actually a swamp. The wheels sunk in causing the aircraft to topple over. Fortunately, all passengers were buckled in and ended up in their seats upside down. The first officer got out of his seat and helped the passengers out, only after all passengers had been out of the aircraft and at a safe distance they noticed the captain's leg had badly swollen. The ELT was activated and rescuers quickly found their location from the ELT signal and smoke from a fire. They discovered the overturned aircraft but had problems to choose a landing site.

16jul21 165760/7H-02 MH-60S **702661** w/o
A United States Navy MH-60 Knighthawk of Fallon SAR crashed near Mt. Hogue (CA), at approximately 17:00 hours, while conducting search and rescue (SAR) operations. All four crewmembers survived the crash without injury and have been safely recovered. The aircraft, call sign Longhorn 02, was supporting Mono County search and rescue efforts to locate a lost hiker in the rugged high-altitude terrain in the National Forest south of Boundary Peak, 120 miles south of NAS Fallon (NV). The aircrew consisted of a pilot, co-pilot, and two crewmen. The crash site is at 11,700 feet above sea level, in very rugged terrain. The crew were able to communicate following the impact, but a follow-on helicopter mission launched Friday evening from NAS Fallon was unable to retrieve them. An overnight kit was dropped to the survivors, who spent the night on the mountain. On Saturday morning, an additional MH-60, *Longhorn 01*, launched from NAS Fallon, and provided on-scene coordination, but could not affect a rescue. A CH-47 Chinook from Mather AFB (CA) was called in for its superior high-altitude performance. It dropped off a ground SAR team that met up with the survivors while the CH-47 returned to Mammoth Lakes for fuel. The Chinook returned to the scene, and at approximately 14:00 hours., the crew of *Longhorn 02* was safely recovered onboard the CH-47. The cause of the crash is unknown. The Navy will conduct a mishap investigation, with support from the Naval Safety Center. Following the on-site investigation, the aircraft will be removed from its current position on US Forest Service land.

17jul21 G-OJMP Ce208B **208B0917** dam
While landing at Old Sarum Airfield in the UK, the GoSky-dive Cessna Grand Caravan suffered an accident, the nose gear collapsed, causing damage to the Cessna. It had dropped skydivers at an altitude of 13,500 feet and descended back towards Old Sarum when the mishap occurred. The aircraft came to a stop nose down at the edge of the grass runway. Unconfirmed reports suggest the aircraft suffered engine problems on the approach, possibly touching down just outside the runway.

17jul21 UR-MAA Mi-2 **5210832029** w/o
Both occupants of the Meridian-Avia-Agro Mi-2 died after it crashed near Zayve village, Nova Odesa district, Mykolaiv region, Ukraine. The chopper was on an agricultural flight at 05:27 hours in the morning, en route between Nova Odesa and Mayachka. The reason for the crash is yet to be established.

18jul21 EC-MSN ATR72-212A **918** dam
An ATR72 of Air Europa Express was hit by a catering truck and as a result crashed into a GPU (Ground Power Unit) at Madrid-Barajas Airport, Spain. The airplane sustained substantial damage.

18jul21 NAF Alpha Jet A w/o
The Nigerian Air Force confirmed that one of its Alpha Jets crashed while on an operation against bandits. The Air Force added that the incident occurred between the boundaries of Zamfara and Kaduna States. The crash happened in Zamfara State, and the pilot successfully ejected before the plane crashed when it came under bandits' attack. The pilot was able to use the cover of darkness and his phone for navigation to escape to a Nigerian Army unit where he was eventually rescued.

18jul21 N333WW Beech C90A **LJ-1741** w/o
A private Beechcraft King Air was destroyed during a landing attempt at Durango-Guadalupe Victoria Airport's runway 03, Mexico. The pilot was killed and six passengers were injured.

19jul21 N68080 DHC-2 Mk1 **694** w/o
Both occupants were fine after the River Front Beaver (ex US Army L-20A 53-3736) crashed under unknown circumstances in the Katmai National Park (AK).

20jul21 Mirage 2000D w/o
During a support mission in the Hombori region of Mali, near the border with Burkina Faso, the crew of a French Air Force Mirage 2000D had to eject over an uninhabited area. A combat search and rescue (CSAR) team was immediately dispatched to recover the pilot and the NOSA (Navigateur Officier Systèmes d'Armes, or Weapons Systems Officer), who were evacuated to Gao Airport, Mali. During an air support mission for a Desert Tactical Group (GTD) in the Hombori region, the Mirage had to deal with damage that required the crew to eject. A commando group was immediately dispatched onboard two NH90 Caiman helicopters, supported by two Tigers to provide security and recover the crew. The wreckage of the plane was located by the Barkhane force.

20jul21 Mi-24 dam
During a storm at Syzran, Samara region, a Syzran Higher Military Aviation School of Pilots Mi-24 got damaged.

20jul21 BAe125 w/o
A burnt Hawker was found by Venezuelan law enforcement officers at Jesús María Semprún, Zulia. It had been used for transporting drugs. The airplane is said to have carried a Mexican registration.

21jul21 5Y-GRS DHC-8-106 **355** dam
A Skyward Express Dash 8 suffered an accident during an attempted landing at a site on the Kenya-Somali border. The aircraft operated on a flight from Nairobi-Wilson Airport to El Wak, both in Kenya. For unknown reasons, the flight reportedly landed at an airstrip at Burahache, Somalia, just across the border from El Wak and eighteen kilometres to the east of El Wak. Photos from the scene show the left-hand main landing gear collapsed after striking a boulder at the side of the airstrip. Since the crash happened on the Somalia side of the border, the neighbouring country's aviation regulator will be expected to conduct an investigation into the incident. It was not clear whether the aircraft was actually heading to El Wak or if this was an unscheduled stop. El Wak is a military base, and local reports suggest that the flight had been due to land at Mandera.

21jul21 20.. Mi-17V-5 w/o
An Ethiopian Air Force Mi-17 was on an AMISOM (African Union Mission in Somalia) mission when it crashed under unknown circumstances at Hudur airport, Bakool region, Somalia. At the time it was performing an airlift mission for ENDF (Ethiopian National Defense Force) troops. Of the three persons onboard one died, the other two were seriously injured. Hudur town is blockaded by Al Shabaab fighters, which is a terrorist, jihadist fundamentalist group based in East Africa and Yemen. According to our Ethiopian database two V-5s were last noted in 2021, 2016 and 2017. Our guess is one of those two is involved.

26jul21 D-FLEC Ce208 w/o

A Cessna 208 Supervan 675 skydiving aircraft of [Skydive Binz](#), was destroyed when it impacted the waters of the Wadden Sea near Norderney Island, Germany. The sole pilot onboard was fatally injured. The Caravan took off from Borkum Airfield and dropped parachutists over Norderney Island. However, it did not reach its intended destination of Norderney Airport and crashed into the sea. Several Cessna 208s were operating in the vicinity around the accident time. Flight tracking data logged by [ADSExchange.com](#) showed the Supervan 675 approaching Norderney from the south after dropping skydivers at about 14,000 feet. The last data point was recorded at 13:09 local time, at 1,750 feet over the water, south of Norderney.

26jul21 Mi-17 w/o

An [Afghan Air Force](#) Mil Mi-17 made an emergency landing in Nad Ali district in Helmand. There were no fatalities. Subsequently the helicopter was destroyed.

26jul21 N605TR CL605 5715 w/o

A Challenger 605 of [Tarco Aircraft Funding](#) seemed to have gone out of control and crashed amongst trees on the Ponderosa Golf Course, while on final approach to Truckee Airport's (CA) runway 11, killing all four onboard. The accident site appears to be about 750 metres short of the runway threshold and about 250 metres to the right of the extended centreline. Last contact with the flight, which originated in Coeur D'Alene (ID), was when the pilot reported having the runway in sight and was cleared to land. He reported position LUMMO inbound on the RNAV runway 20 approach, and stated they needed to circle to runway 11 for length (runway 11 is 7,001 feet, runway 20 4,654 feet). The crash occurred during the circling manoeuvre. A witness stated he saw the

aircraft descending left-wing-down. Multiple witnesses saw the aircraft in a very sharp turn before impact.

27jul21 ET-AMI Ce208B 208B1260 w/o

Operating on behalf of the United Nations World Food Programme (and flying in those colours) an [Abyssinian Flight Services](#) Cessna Grand Caravan crashed shortly after departure from Dire Dawa-Aba Tenna D Yilma Airport, Ethiopia. The aircraft was reportedly transporting food and medical supplies to Jijiga. The reason for the crash was unknown. According to local sources here were no fatalities, only some minor injuries.

29jul21 Mi-171 dam

An [Iraqi Army Aviation Command](#) (IAAC) Mi-171 of the Fourth Utility Squadron (4sq) crashed under unknown circumstances in the area near Tuz Khurmatu, the central city of Tooz District in Saladin Governorate (Iraq), some fifty miles south of Kirkuk. Unfortunately all five occupants sadly perished in the crash.

29jul21 289 MD530F 00289F dam

An [Afghan Air Force](#) Cayuse Warrior suffered a hard landing, causing the right-hand ski to break off and the tail boom was damaged. It happened in the Bolan area, Helmand province.

29jul21 PNC0609 UH-60L 703902 dam

A [Policía Nacional de Colombia](#) Black Hawk had to make a forced landing in a field at Ituango, Antioquia, after a gust of wind destabilised the chopper, and received substantial damage. It was on a mission to eradicate illicit crops, otherwise known as narcotics.

[Credits:](#) ASN, Aviation Herald, B3A, Leo Hooebrugge, de Telegraaf, Leeuwarder Courant, FAA, JACDEC, FlightRadar24, Jalopnik.com



F-5EM 4830, then operated by 1°/14° GAv of the Força Aérea Brasileira, is greeted by its crew chief upon completion of a mission during CRUZEX Flight 2013. It crashed on 31 May 2021 and at that time was part of the inventory of 1°GAvCa. (Natal, 8 November 2013, Erik Sleutelberg)

Military News & Updates



The last S-3 Viking flying made its final flight to the San Diego Aerospace Museum (CA) on 13 July 2021. The NASA S-3B, N601NA, ex 160607 departed NASA's Glenn Research Center in Cleveland (OH), stopped for fuel at El Paso TX, and before the final landing in Gillespie Field (CA) it made two touch and go's at its former US Navy base NAS North Island (CA). The image was taken at the end of runway 29 at NASNI by Raymond Rivard

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

Europe

Netherlands

Koninklijke Luchtmacht (AF)

LEZL = Sevilla-San Pablo, Spain

A330-243MRTT

T-059 MMF ex LEZL **1982** jul21

CH-47D

D-101 298sq wfu 23jul21 **M4101/NL008** jul21

Another 298 Squadron CH-47D Chinook was withdrawn from use. More will follow in the upcoming months.

F-16AM

J-144 312sq ex 322sq **6D-134** jul21

J-201 312sq ex 322sq **6D-108** jul21

J-509 312sq ex 322sq **6D-148** jul21

J-628 312sq ex 322sq **6D-60** jul21

J-644 312sq ex 322sq **6D-76** jun21

J-871 312sq s/c tail mks. **6D-88** jul21

J-879 312sq ex 322sq **6D-96** jun21

All F-16s had been handed over to 312 Squadron at Volkel Airbase. During a very small ceremony, the last F-16s left Leeuwarden Airbase for Volkel on 5 July 2021. The fly-out was initially planned on the 1st of July but was cancelled due to the accident with F-16AM FA130 (see Military news Belgium).

A couple of F-16s like F-16BM Orange Jumper (serial J-066) will remain at Leeuwarden Airbase for the time being.

F-35A

F-017 322sq d/d 25mar21 **AN-17** mar21

F-018 322sq d/d 25may21 **AN-18** may21

MQ-9A Block 5

M-001 306sq d/d 07jul21 jul21

During a live internet video session on 7 July 2021, the first Reaper was handed over to the Royal Netherlands Air Force.

Belgium

Luchtcomponent/Composante Air/Air Component [AF]

LEZL = Sevilla-San Pablo, Spain

EBBE = Beauvechain

A400M

CT04 20sq ex LEZL **114** jul21

F-16AM

FA130 2w w/o 01jul21 **6H-130** jul21

On 1 July 2021, F-16AM FA130 ran into a building at Leeuwarden air base during taxiing. The extent of the damage is unknown.

SA316B

M1/OT-ZPA std Landen wfu 08jul21 **1812**

M2/OT-ZPB to EBBE mus. wfu 08jul21 **1816**

M3/OT-ZPC i/a Saffraanberg arrival 17jun21 **1817**

Finally, the Belgians said goodbye to their ageing Alouettes on 08 July 2021.

Czech Republic

Vzdušných Sil (AF)

LEZL = Sevilla-San Pablo, Spain

LKVO = Vodochody

Bell Textron Inc., Fort Worth (TX) was awarded a USD 272 million contract for the production and delivery of eight UH-1Y Venom and four AH-1Z Viper helicopters for the Czech Air Force. The contract does not include armament, ammunition, spare parts and training of pilots and service personnel. Earlier Czechia announced the total contract is valued at USD 630 million, which includes all the aforementioned elements. All work will be performed at Fort Worth (TX) and Amarillo (TX) and is expected to be completed in November 2023.

The last UH-1Y Venom that was assembled at the Amarillo Assembly Center Texas was in April 2018. Now the production facilities are ramping up again to assemble the eight Super

Hueys. Crestview Aerospace, Crestview (FL) has already produced the first new Venom cabin.

C295MW
0482 242.tsl d/d 28jul21 **173**

L-159A
6060 212.tl ex LKVO maint. **156060**

Denmark

Flyvevåbnet (AF)

F-16AM
E-024 Esk 730 active again **M12-1/61-617** jul21
E-601 Esk 727 ex Esk 730 **6F-36** jul21

Finland

Ilmavoimat (AF)

F/A-18C
HN-408 HävLLv 31 ex HävLLv 11 **1330/FNC008** jun21

France

Armée de l'Air et de l'Espace (AF)

The French have sold four Mirage 2000Cs to India. They were noted fully packed and crated at Châteaudun in June 2021. No serials are reported, but several crates had number 97 and 98 on it. This may indicate that Mirage 2000C 97/115-YK and 98/103-YU are involved.

On 21 July the Élément Air Rattaché (EAR279) at Châteaudun was officially disbanded, indicating the end of the military presence at the airfield. The airbase was already downgraded from an airfield (Base Aérienne, BA279) to EAR in July 2014. Most of the stored aircraft have now gone, either scrapped, sold or moved to other locations. The CANOPEE museum will stay in place.

LFOC = Châteaudun
LFOT = Tours-Val de Loire/Saint Symphorien
LFMI = Istres-Le Tube
LFYR = Romorantin-Pruniers

Alpha Jet E

E46/8-RF nn ex 705-MR jun21
E68/8-MO nb ex PdFrance jul21
E83/8-TZ nn ex 705-TZ jul21
E115/8-MR nn ex 705-MR jul21
E134/705-RM presv LFOT ex EAC00.314 jun21
E164/8-RV nn ex 120-RV jul21

C-135FR
471/31-CB std LFMI wfu 28jun21 **18680**

738/31-CJ std LFMI wfu 23mar21 **18698**

CN235M-200
105/82-IG ET00.082 ex 52-IG **C105** apr21
107/82-IH ET00.082 ex 52-IH **C107** may21

Mirage 2000B
515/5-OG pres LFYR ex std LFOC **175** jul21

Mirage 2000D
636/3-JV EC02.003 ex 133JV **439** jul21
674/3-IR EC02.003 ex 30-IR **548** jul21

Rafale B
305 to Greece as 401 jul21

Rafale C
102/30-EF EC02.030 ex ECE01.030 jul21
103/7-HR EC01.007 ex 30-HR feb21
122/7-GA EC01.007 ex 4-GA **090** jan21
124/30-GC nn ex 7-GC may21
132/30-GK EC03.030 ex 118-GK jul21
133/30-GL EC02.030 ex 4-GL **105** jul21
134/7-GM EC01.007 ex 30-GM jan21
137/7-GP EC01.007 ex 30-GP jan21
138/7-GQ EC01.007 ex 30-GQ jan21
139/4-GR ETR03.004 ex 30-GR jul21
141/7-GT EC01.007 ex 30-GT jan21
143/30-GV nn ex 7-GV jul21
146/30-GY EC03.030 ex 7-GY jul21
148/7-VA EC01.007 ex 30-VA jan21

TBM-940
1372/EV DGA-EV as F-WWRC **1372** jul21

Marine National (NY)

ATL2
11 21F ex 23F **11** jul21

NH90-NFH
17 nn ex ABHeli **1339** jul21
25 nn ex ABHeli **1396** jul21

Germany

Luftwaffe (AF)

LEZL = Sevilla-San Pablo, Spain
CYUL = Montreal-Trudeau International Airport, Canada

A310-304MRTT
10+24 wfu 25may21 named 'Otto Lilienthal' **434** may21

A400M
54+38 Airbus D&F f/n: LEZL ? jun21

C-130J-30
... Boeing roll-out 22jul21 **5930** jul21



Mirage 2000B 501 of the DGA-EV is of special interest, besides having extra markings, it is also fitted with a Rafale nose-cone. Photographed by Dino van Doorn at Evreux for the 14 July flypast.



Toussus-le Noble near Paris is almost always good for a few special French military aircraft or helicopters. Adrian Stürmer encountered TBM-940 F-WWRC, destined to become 1372/EV of the DGA-EV on 14 July 2021.

A couple of months ago, we mentioned the purchase of six C-130J Hercules transporters for the German Air Forces. This deal comprises three stretched C-130J-30s and three KC-130Js (refuelling variant).

On the 22nd of July 2021 the first out of three C-130J-30 Hercules aircraft was rolled out from the Boeing factory in Marietta, Georgia, USA and will be finalised in the upcoming months before it will be handed over to the German Air Force.

C-160D			
50+36	LTG63	D58	jul21
50+40	LTG63	spec. mks Retrobrummel D62	jul21
50+51	LTG63	D73	jul21
50+55	LTG63	Frieden allen Völkern D77	jul21
50+57	LTG63	D79	jul21
50+66	LTG63	D103	jul21
50+76	LTG63	D113	jul21
50+79	LTG63	D116	jul21
50+83	LTG63	D120	jul21
50+86	WTD61	D123	jul21
50+88	LTG63	D125	jul21

Sadly, the end of the German Air Force C-160D Transall is near. Last June, the special marked C-160D 50+40 already made the first leg of a farewell tour overhead various German Air Force installations in the north of Germany. A second farewell tour for C-160D 50+40 is planned on the 17th and 18th of August and this farewell flight is concentrated over military installations which are located in the south of Germany.

Currently, the Luftwaffe (German Air Force) still has ten C-160Ds active with Lufttransport Geschwader 63 (LTG63) which is based at Hohn Airbase. A single example (50+86) is still active with Wehetechnische Dienststelle 61 (WTD61) at Mänching.

EF2000			
30+62	TLG74	ex TLG73	GS045 jul21
30+98	TLG71	ex TLG31	GS076 may21
31+20	TLG74	ex TLG73	191/AS013 jul21

Global 6500
14+... Bombardier f/n CYUL **60037** jul21
On 3 July 2021 this Global 6500 was spotted at Montreal-Trudeau International Airport in Canada for a first test flight. This aircraft is possibly a replacement for Global 5000 14+01

which was written of during a Functional Check Flight (FCF) after heavy maintenance.

Heeresflieger (AR)

NH90-TTH

78+29	THR10	ex IHAz	1119/GEAR29	jul21
78+32	IHAz	ex THR10	1122/GEAR32	jul21
79+19	IHAz	ex THR30	GEAF26	jul21
79+22	IHAz	ex f/n EDPR	1408/GEAF29	jul21
79+29	IHAz	ex THR30	GEAF07	jul21

UH-1D

73+08	THR30	full c/s 'Goodbye Huey'	8428	jun21
This Huey will probably be preserved in the near future. If you have more details, let us know!				
73+54	WTD61	ex IHAz	8474	jun21

Marineflieger (NY)

Last June, the German Government approved the procurement of five P-8A Poseidon Maritime Patrol Aircraft for the German Navy. The P-8A is a modified Boeing 737-800ERX and is specifically modified for Anti-Submarine Warfare (ASW) and Anti-Surface Warfare (ASUW).

The P8A will replace the already ageing fleet of ex Royal Netherlands Navy P-3C CUP Orions which is based with Marineflieger 3 (MFG3) at Nordholz airbase in the north of Germany.

Hungary

Magyar Légierő (AF)

LFML = Marseille/Provence, France

In December 2018 the Hungarian Air Force ordered sixteen Airbus Helicopters H225M multi-role helicopters equipped with the HForce weapon management system. The helicopters will be used for Search and Rescue (SAR), special operations and for transport.

Early in July this year, the Hungarian Government commissioner Gáspár Maróth, responsible for defence developments, visited the Airbus Helicopters plant, Marseille-Marignane together with a few Hungarian journalists. During this visit the first of six special operations Force (SOF) H225Ms was noted. The first H225M is expected to be delivered in 2023.

H225M

...	o/o	LFML, line number IRO011/590447
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Italy

LIMF = Caselle (TO)

LIPS = Istrana (TV)

Aeronautica Militare (AF)

AMX

CSX7195/51-37 dump LIPS ex pres LIMF **IX107** jul21

F-35A

MM7364/32-15 FACO Cameri new **AL-15** may21

MM7364/32-15 13° Gruppo ex FACO Cameri **AL-15** jul21

F-2000A

MM7304/37-04 18° Gruppo ex 4-21/904° GEA **IS036** jul21

MM7339/51-12 132° Gruppo ex 4-61/904° GEA **IS065** jun21

MM7345/36-51 936° GEA ex 37-45/18° Gruppo **IS071** jul21

HH-139A

MM81797/15-41 80° Centro CSAR ex 82° Centro CSAR **31413** jun21

HH-139B

CSX82017/15-66 Leonardo new **31940** may21

CSX82023/- Leonardo new **31943** may21

CSX82023/15-70 Leonardo ex CSX82023/- **31943** may21

CSX82030/- Leonardo new **31953** jul21

T-345A

CSX55237/61-205 Leonardo new may21

T-346A

MT55229/61-24 Leonardo ex MM55229/61-24 **7102** jun21

MT55231/61-26 Leonardo ex MM55229/61-26 **7104** jun21

Aviazione dell' Esercito (AR)

UH-90A

CSX81571/E.I.254 Leonardo new **ITAR55** jul21

Marina Militare (NY)

F-35B

MM7454/4-03 FACO Cameri new **BL-4** jun21

MH-90A

MT81632/3-60 Leonardo new jul21

SH-90A

MT81582/3-06 Leonardo ex MM81582/3-06 **1070/HITN06** jul21

Servizio Aereo dell'Arma dei Carabinieri (AR)

NH500D

MM81915/CC-72 NE Roma-Urbe ex CFS08SH/CFS-08 **BH-05** jul21

MM81916/CC-73 NE Roma-Urbe ex CFS09SI/CFS-09 **BH-06** may21

MM81918/CC-76 5° NE Pescara ex CFS12SM/CFS-12 **BH-16** jul21

MM81919/CC-77 16° NE Rieti ex CFS13SN/CFS-13 **BH-17** apr21

All are former Corpo Forestale dello Stato NH500Ds and are still in there green and white livery.

North Macedonia

Voeno Vozduhoplovstvo i Protivvosnu odbrana na Armijata na Republika Makedonija (AF)

Mi-17

VAM-301 w/o 17mar01, c/n correction **223M96**

Ministry of Interior (GV)

The sole AB212 helicopter of the Avijaciska Edinica na Makedonskata Policija, which translates as Aircraft Unit of the North Macedonian Police, with serial MAP-7751, is already 43-years old. So, it was considered time for a modernisation. The chopper received a new tail section, high skids and an update of its avionics. This was carried out by Patria Helicopters at Stockholm-Arlanda in Sweden. MAP-7751 departed for Sweden in December 2019.

Norway

Norske Luftforsvaret (AF)

On 9 July 2021, the first Royal Norwegian Air Force Boeing P-8A Poseidon was rolled out of the painting hall at the Boeing factory in Seattle (WA). The P-8A, serial 9582, named Vingtor and in full 333 skv markings, is the first of five Maritime Multimission Aircraft (MMA) that were ordered by Norway in March 2017 at a value of USD 1,2 billion.

The names given to the Poseidons come from the Norse mythology. The other aircraft will be named Viking, Ulbrand, Hugin and Munin. The last two names are currently in use with the two Falcon 20ECM from FEKS/717 skv. The Falcon 20s will be withdrawn from use when the final P-8A is delivered.

The first Poseidon is expected to be delivered to the new home base Harstad-Narvik/Evenes in 2022. It is already reported since late 2017 that 333 skv will move from Andenes/Andoya to Evenes with the arrival of the new aircraft. Andoya will become a sleeping base to be used during emergency situations.

AW101 Mk612

0283 Leonardo MW primer, f/n **50283** may21

0284 Leonardo MW primer, f/n **50284** may21

F-35A

5503 Lockheed-Martin Lot 13, f/n **AM-31** jun21

P-8A

9582 Boeing Vingtor, f/n **66110/8796** jul21

9583 Boeing on order **66111/8911**



Sometimes military air bases are open on Saturdays, almost always for special occasions. On 8 May 2021, Manching was open for the arrival of WTD 61 Tornado 98+77, returning from a detachment in the USA, flying as 'RETRO 34' from Nellis AFB (NV) via Bangor (MA) to Germany. (Dietmar Fenners)



EF2000 98+07 is operating for Airbus at Manching and among its underwing load is the Brimstone missile it is testing. Dietmar Fenners captured the Eurofighter at Manching on 26 March 2021.

9584	Boeing	on order	66112/8949
9585	Boeing	on order	66113/8988
9586	Boeing	on order	66114/9026

Poland

Lotnictwa Marynarki Wojennej (NY)

EGHG = Yeovil, United Kingdom

On 12 July 2021 the first AW101 for the Polish Navy was photographed at Yeovil and on 19 July 2021 it made its first flight at the company's site in Yeovil (UK). Originally the Polish Navy planned to acquire eight AW101 maritime helicopters to replace its ageing Mi-14 Helicopters. Due to financial reasons the Polish Ministry of National Defence reduced the number of helicopter planned for acquisition to four in 2018, postponing the purchase of another four. According to Polish media, the contract for four AW101s is valued at USD 450 million including training, logistics package and medical equipment. The agreement does not include to exercise an option.

On 8 April 2019 the Polish Ministry of National Defence signed an offset package worth USD 104 million with Italian company Leonardo. The package includes nine commitments, the main of which is the planned creation of an AW101 helicopter maintenance and repair centre jointly with Leonardo. This maintenance centre will be located at the current Polish aircraft repair plant Wojskowe Zakłady Lotnicze Nr 2 S.A. (WZL-1) in Lodz.

The new helicopters will be used for anti-submarine warfare (ASW) and search and rescue (SAR) tasks. The deliveries are to be finalise by the end of 2022. It is expected that there will be a total of 700 hours of flight testing across the four airframes. During these test flights not only the correct function of each aircraft will be established, but also the correct functioning of customer specific changers from the standard AW101.

AW101			
...	o/o	f/n EGHG as ZR285	50285

Romania

Fortele Aeriene Romane (AF)

On 9 June 2021 the Romanian Unitatea Speciala de Aviatie / SMURD received another three H135P3Hs (D-HCBD, D-HCBX and D-HECO) with serials 336, 338 and one unknown. The first three were delivered on 4 March 2021 (D-HECH, D-HECJ and D-HECN) with serials 333, 339 and one unknown.

Probably the missing Romanian serials are 335 and 337,

serial 334 is already in use. However, a tie up would be highly appreciated as well as the construction number for D-HECH, so please let us know if you have any information. You can send your updates to social@scramble.nl

H135P3H

...	SMURD	ex D-HCBD	2123
...	SMURD	ex D-HCBX	2124
...	SMURD	ex D-HECH	
338	SMURD	ex D-HECJ	2142
...	SMURD	ex D-HECN	2143
...	SMURD	ex D-HECO	2145

Spain

Ejército del Aire (AF)

EF2000(T)

CE.16-05/11-05 Ala 11 ex 11-74 **ST005/1036** jul21

NH90-TTH

HD.29-18/803-18 803 Esc #10237, d/d 28may21 **1444** may21

Armada (NY)

SH-3H

HS.9-07/01-507 ex Eslla 005 wfu 25jun21 **61499** jun21

Switzerland

Schweizer Luftwaffe (AF)

The Swiss Federal Council has chosen the Lockheed Martin's F-35 Lightning II as the aircraft selected from its New Fighter Aircraft competition. Neutral Switzerland will buy 36 F-35As after an evaluation found, it had "the highest overall benefit at the lowest overall cost," the government said. Many oppose the idea, saying Switzerland doesn't need cutting-edge warplanes to its defend Alpine territory which a supersonic jet can cross in 10 minutes.

Lockheed Martin beats bids from Boeing's F/A-18 Super Hornet, the Dassault Rafale and the Eurofighter built by Airbus. The Swiss government also decided to buy the Patriot surface-to-air missile system from United States manufacturer Raytheon. "The Federal Council is confident that these two systems are the most suitable for protecting the Swiss population from air threats in the future," the government said in a statement.

The Lockheed Martin F-35A Lightning II "achieved the best result because it has a marked technological advantage over the other candidates", while the total costs for the F-35A, at 15.5 billion francs, was 2 billion francs cheaper than the next lowest bidder, when it came to buying and operating the aircraft over their 30-year lifespan.

Sweden

Försvarsmaktens Helikopterflottij (JF)

Hkp14E

145050/50 1.Hkpskv ex 144050, d/d jul21 **1091** jul21
The NH90 was upgraded to Hkp14E and delivered to 1.Hkpskv at Luleå/Kallax in the first week of July 2021. It was reregistered as 145050.

Flygvapnet (AF)

JAS39C

39282/282 F7 ex F17 **39-282** jun21

United Kingdom

Royal Air Force (AF)

In May 2021, responsibility of the Typhoon detachment at RAF Akrotiri under Operation Shader was handed over by 1(F)sq to 6sq. As usual, this triggered a series of unit allocation changes amongst the RAF Typhoon fleet.

It was already announced, but now it is also official since the US Department of Defence (DoD) announced that a contract was signed to purchase a single E-3D (Sentry AEW1) from the United Kingdom on 30 June 2021. The aircraft is intended to be converted to trainer in support of the US Navy E-6B Mercury fleet. The E-3D and E-6B both are based on the Boeing 707-320 airframe and share the same flight controls and engines. This will enable the E-3D airframe to be used for all non-mission related training and thus reduce the strain on the fleet of operational E-6B aircraft. Northrop Grumman has been contracted to convert the aircraft at its Lake Charles Maintenance and Modification Center in Louisiana (USA). The aircraft in question is ZH104, which has been stored at Lake Charles since 17 January 2020.

Since March 2015, the RAF maintained a detachment at Kabul Airport (Afghanistan) with three Puma HC2 helicopters under Operation Toral. With the NATO troops pulling out of Afghanistan, also this detachment disbanded in June 2021. During the deployment, the helicopters logged 12,800 flying hours during which they transported 126,000 passengers and 660,000 kgs of freight. On 24 June 2021, Antonov 225 UR-82060 (Antonov Airlines) landed at RAF Brize Norton with the last three helicopters used by this detachment on board: XW231/N, ZA935/S and ZJ955/X.

Boeing at Ridley Park (PA) was awarded a contract for fourteen H-47 Chinook helicopters for the Royal Air Force. This contract (W91215-16-G-001) is under the Foreign Military Sales funding and the order has been placed via the U.S. Special Operations Command (USSOCOM). The total value is \$580,598,636, and the contract is to be completed by July 2026. This order was already confirmed by the British Ministry of Defence (MoD) on 14 May 2021. The helicopters were described as "extended-range" Chinooks, and given the current contract with Boeing being placed by USSOCOM indicates that the helicopters are similar to or based on the MH-47G Block II helicopters of the US Army.

EGKB = Biggen Hill EGUW = Wattisham
KLCH = Lake Charles RAP (LA)

7REME 7th Battalion Royal Electrical and Mechanical Engineers at Wattisham

Boeing EGDM Boeing at QinetiQ Boscombe Down
Boeing Renton Boeing at Renton (WA)
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 School at RAF Syerston

Leonardo Leonardo Helicopters at Yeovil

MDMF Merlin Depth Maintenance Flight at RNAS Culdrose
M&FF Maintenance and Finishing Facility at RAF Marham
P2MF Puma HC2 Maintenance Flight at RAF Benson
StandardAero StandardAero at Fleetlands
TEF Typhoon Engineering Facility at RAF Lossiemouth
TMF Typhoon Maintenance Facility at RAF Coningsby
WZM Wildcat Zonal Maintenance at RNAS Yeovilton

Chinook HC5

ZH898 18(B)sq ex CMF **M4477** may21
ZH902 Boeing EGDM ex 27sq **M4481** may21
ZH903 1310Flt ex 27sq **M4482** may21

Chinook HC6

ZK554 Boeing EGDM ex 7sq **M7705** may21
ZK557 7sq ex Boeing EGDM **M7708** may21
ZK560 Boeing EGDM ex 7sq **M7711** may21

Chinook HC6A

ZA680 CMF ex 27sq **M7024** may21
ZA705 CMF ex 18(B)sq **M7030** may21
ZA707 18(B)sq ex Boeing EGDM **M7025** may21
ZA714 CMF ex 28sq **M7005** may21
ZA720 27sq ex StandardAero **M7020** may21
ZD981 18(B)sq ex CMF **M7029** may21
ZH777 7sq ex CMF **M4453** apr21
ZH893 28sq ex StandardAero **M4456** apr21
ZH896 28sq ex CMF **M4459** may21

F-35B

ZM141/007 207sq ex M&FF **BK-07** may21

Two months ago, we provided a detailed overview of the current British F-35B fleet. This month we can add that ZM149/015 (207sq) had the honour to the first fixed wing aircraft to land and take off from the second new Royal Navy carrier HMS Prince of Wales on 9 June 2021.

Hurricane IIc

PZ865/ZY-V BoBMF ex o/h EGKB may21

On 23 September 2019, this Hurricane was flown to Biggen Hill for a major overhaul. It returned to its home at RAF Coningsby on 5 May 2021. Prior to receiving attention, the aircraft was painted in 34sq markings and coded EG-S. It has now been repainted in overall black colours as worn by 247sq while stationed at RAF Exeter and RAF Predannack in 1942.

The squadron acted in night time defensive fighter patrols over the southern parts of the United Kingdom, and offensive night time intruder patrols over occupied Europe. In order to further reduce visibility, the roundel was reduced in size and the code is applied in red.

Poseidon MRA1

ZP807/07 Boeing Renton as N665DS **66107/8719** jun21
ZP808/08 Boeing Renton as N667DS **66108/8757** jun21
ZP809/09 Boeing Renton as N673DS **66109/8872**

Puma HC2

XW216/G EGUB Pool ex P2MF **1129** may21
XW217 P2MF ex EGUB Pool **1134** may21
XW224/(L) EGUB Pool ex P2MF **1166** may21
ZJ954/W EGUB Pool ex P2MF **1310** may21

Sentry AEW1

ZH104 sold to US Navy std KLCH **24112/1007** jun21

Typhoon T3

ZK383/383 29sq ex 12(B)sq/383 **BT028** may21

Typhoon FGR4

ZJ913 TMF ex 1(F)sq/WS-Y **BS004** may21
ZJ917/917 II(AC)sq ex IX(B)sq/917 **BS008** may21
ZJ921/921 1(F)sq ex II(AC)sq/921 **BS012** may21
ZJ924/924 1(F)sq ex IX(B)sq/924 **BS015** may21
ZJ928 TMF ex 29sq/928 **BS019** may21



One of the participants of the recent Personnel Recovery Week 21-01 exercise was the Leonardo HH-101A MM81873/15-12 Caesar in a new overall grey livery. Actually the name Caesar comes from Combat Search And Rescue or CaeSAR for short. It performs a wide range of missions, such as search and rescue, transport, recovery, air support and other special operations missions. (Rivolto, 21 July 2021, Daniele Mattiuzzo)

ZJ939/939	1(F)sq	ex IX(B)sq/939	BS032	may21	ZE560/WH	632VGS	ex CGS/644VGS/WH	33924	may21
ZJ950/950	6sq	corr not II(AC)sq/950	BS047	apr21	ZE594/WX	615VGS	ex CGS/644VGS/VR	33945	may21
ZK301/301	6sq	ex 1(F)sq/301	BS053	may21	ZE601/XA	637VGS	ex CGS/644VGS/XA	33945	may21
ZK307/307	II(AC)sq	ex 6sq/307	BS058	may21	ZE602/XB	CGS/644VGS	ex GMS	33946	may21
ZK308/308	6sq	ex 1(F)sq/308	BS059	may21	ZE609/XJ	CGS/644VGS	ex GMS	33958	may21
ZK319/319	6sq	ex 1(F)sq/319	BS080	may21	ZE613/XM	615VGS	ex CGS/644VGS/VR	33962	may21
ZK321/321	6sq	ex 1(F)sq/321	BS082	may21	ZE626/XQ	645VGS	ex GMS	33971	may21
ZK322/322	XI(F)sq	ex TMF	BS083	may21	ZE629/XT	632VGS	ex GMS	33976	may21
ZK325/325	6sq	corr not II(AC)sq/325	BS086	apr21	ZE630/XU	CGS/644VGS	ex GMS	33977	may21
ZK327/327	II(AC)sq	ex IX(B)sq/327	BS088	may21	ZE633/XX	632VGS	ex GMS	33980	may21
ZK330/330	6sq	ex 1(F)sq/330	BS091	may21	ZE682/YS	637VGS	ex CGS/644VGS/YS	34029	may21
ZK331/331	IX(B)sq	ex 6sq/331	BS092	apr21	Glider ZE594 was last reported with CGS/644VGS in February 2021, it underwent servicing with GMS at RAF Syerston somewhere after that before it was delivered to 615VGS in May 2021.				
ZK332	TMF	ex 29sq/332	BS093	may21					
ZK336	TMF	ex II(AC)sq/336	BS097	may21	Army Air Corps (AR)				
ZK338/338	6sq	ex XI(F)sq/338	BS099	may21	In July 2021, yet another aircraft type was withdrawn from service by the British military. At Joint Helicopter Command Flying Station (JHCFS) Aldergrove, the Britten Norman BN-2 was retired. Two different versions of this aircraft were in use, designated Islander and Defender by the Ministry of Defense (MoD). The last operational mission of this type was flown by 651 squadron on 30 June 2021. Both ZG848 (Islander R1) and ZH002 (Defender R2) flew on this day. The squadron itself is expected to be disbanded in the near future as well.				
ZK342/342	3(F)sq	ex TMF	BS103	may21	The Islander/Defender aircraft were used in the ISTAR (Intelligence, Surveillance, Target Acquisition and Reconnaissance) role. Originally, seven Islander AL1 aircraft were delivered to the Army Air Corps during 1989 and 1990. This was just in time for the First Gulf War (January-March 1991), during which at least two aircraft were painted in desert pink colours and deployed to Saudi Arabia (ZG845 and ZG993).				
ZK344/344	6sq	ex 1(F)sq/344	BS105	may21	With the start of the Second Gulf War (March 2003), demand for aircraft acting in the ISTAR role increased massively and the MoD issued an Urgent Operational Requirement (UOR) for three additional aircraft. These were delivered in 2004 (two) and 2005 (one), and they were designated Defender AL1. Six more aircraft would follow between 2007 and 2011, all Defender AL1 with the exception of one aircraft (ZH004) which was to be used as trainer and which was designated Defender T3.				
ZK345/345	6sq	ex 1(F)sq/345	BS106	may21	The aircraft were also used for domestic security operations. For example, missions were flown over London during the 2012 Olympic Games, but also more recently over the English				
ZK346/346	XI(F)sq	ex TMF	BS107	may21					
ZK347/347	IX(B)sq	ex II(AC)sq/347	BS108	may21					
ZK349/349	II(AC)sq	ex 6sq/349	BS110	may21					
ZK351/351	6sq	ex II(AC)sq/351	BS112	may21					
ZK353/353	6sq	ex 1(F)sq/353	BS114	may21					
ZK364/364	XI(F)sq	ex 1(F)sq/364	BS125	may21					
ZK374/374	II(AC)sq	ex 6sq/374	BS135	may21					
ZK378/378	II(AC)sq	ex 6sq/378	BS139	may21					
ZK426/426	II(AC)sq	ex 6sq/426	BS142	may21					
ZK427/427	II(AC)sq	ex 6sq/427	BS143	may21					
ZK435/435	II(AC)sq	ex 6sq/435	BS151	may21					
ZK437/437	12(B)sq	ex 29sq/437	BS153	may21					

Aircraft ZJ924 also still adorns code WS-J. Here mentioned ZJ917 actually transferred from IX(B)sq to 1(F)sq during the first part of May 2021, and from there it moved on to II(AC)sq towards the end of the same month. Previous reports about ZK314 having joined 1(F)sq (mar21) seem to be incorrect since the aircraft was reported with TEF Lossiemouth in both April and May 2021. It is noteworthy that IX(B)sq had no aircraft assigned at RAF Lossiemouth in May 2021. The squadron was deployed to Mihail Kogalniceanu AB (Romania) with four jets and all others were handed over to other units.

Viking TX1

ZE499/VD	CGS/644VGS	ex GMS	33883	may21
ZE522/VL	615VGS	ex CGS/644VGS/VL	33891	may21
ZE526	GMS	ex CGS/644VGS/VN	33895	may21
ZE528/VQ	CGS/644VGS	ex GMS	33897	may21
ZE529/VR	615VGS	ex CGS/644VGS/VR	33898	may21
ZE553/WA	CGS/644VGS	ex GMS	33912	may21

Channel in an attempt to stop illegal human trafficking. Ever since Islander aircraft were used by 1Flt at RAF Aldergrove, the aircraft have also been used in security and surveillance operations over Northern Ireland. In this role, the aircraft are now replaced by Shadow R1 (Beech 300) aircraft operated by 14 squadron from RAF Waddington. For this purpose, 14 squadron will maintain a detachment at JHCFS Aldergrove based on requirements.

Initially, the Islander aircraft were operated by the Advanced Fixed Wing Flight (AFWF) at AAC Middle Wallop and later by 1 Flight at what was then called RAF Aldergrove. With purchase of additional Defender aircraft, 651 squadron was activated at RAF Odiham in 2006. It moved to RAF Aldergrove in July 2008, where it absorbed 1 Flight and thus combining all Islander and Defender operations under one unit.

One Islander was damaged beyond repair in an accident and three Islanders were eventually withdrawn from use (2010-2012) and the remaining three were re-designated Islander R1 in 2019 (ZG845, ZG846 and ZG848). These three would soldier on with 651 squadron until 2021:

ZG844	c/n 2184	l/f to RAF Shawbury for storage on 23jul12
ZG845	c/n 2194	l/f to Cumbernauld (Scotland) on 09mar21, to G-BLNT (reg 07apr21)
ZG846	c/n 2195	l/f to Cumbernauld (Scotland) on 08mar21, to G-BLNU (reg 07apr21)
ZG847	c/n 2196	l/f to RAF Shawbury for storage on 25aug11
ZG848	c/n 2199	std JHCFS Aldergrove since its last flight on 30jun21, pending disposal
ZG993	c/n 2202	l/f to RAF Shawbury for storage on 01jul10, by road to AAC Middle Wallop on 25nov15, pres Museum of Army Flying at AAC Middle Wallop since
ZG994	c/n 2206	dam 30jun99, struck a tree while performing a training emergency landing at Lopcombe Corner, to Britten Norman at Bembridge, where stripped for spares.

The eight Defender AL1 aircraft were re-designated Defender R2 in 2019, with the single Defender T3 retaining its original designation. After being withdrawn from use, all Defenders were flown to Lee-on-Solent Airfield (former HMS Daeda-

lus, RNAS Lee-on-Solent) where they are stored with Britten Norman pending disposal.

Two aircraft were already retired in 2020, one in March 2021 and the remaining five in June and July 2021:

ZG995	c/n 4005	std Lee-on-Solent since 27may20
ZG996	c/n 4010	std Lee-on-Solent since 02jun21
ZG997	c/n 4012	std Lee-on-Solent since 08jul21
ZG998	c/n 4014	std Lee-on-Solent since 08jul21
ZH001	c/n 4015	std Lee-on-Solent since 01mar21
ZH002	c/n 4016	std Lee-on-Solent since 08jul21
ZH003	c/n 4017	std Lee-on-Solent since 11jun21
ZH004	c/n 4009	std Lee-on-Solent since 28jun21
ZH005	c/n 4018	std Lee-on-Solent since 04may20

Apache AH1

ZJ181	to USA for AH-64E conversion	WAH16 may21
ZJ189	7REME ex 656sq	WAH24 may21
ZJ192	664sq ex 7REME	WAH27 may21
ZJ199	3/4Regt ex 7REME	WAH34 may21
ZJ217	to USA for AH-64E conversion	WAH51 may21
ZJ226	7REME ex 656sq	WAH60 may21
ZJ233	7REME ex 663sq	WAH67 may21

Apache AH2

ZM700	EGUW ex Boeing	UD001 may21
ZM701	EGUW ex Boeing	UD002 may21

Both were delivered by air freight to RAF Brize Norton on 28 May 2021, and from there transported by road to Wattisham on 3 June 2021.

Gazelle AH1

ZB671	7Regt Conf Flt ex StandardAero	1958 may21
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Three Gazelle AH1 helicopters in use by the Defence College of Technical Training (DCTT) at MoD Lyneham were sold in June 2021. The helicopters in question are (XW888)/TAD017, XZ325 and XZ935. The first and last mentioned were seen on a lorry northbound on the A1 near Wittering on 22 June 2021. Fleet Air Arm (NY)

Lockheed Martin UK provided an update to the UK parliament on various defence projects, including the F-35B programme. In this update it was stated that the slowed delivery of the first forty-eight aircraft (due to financial constraints) will most likely delay the stand up of the second frontline squadron with three years. Currently 207sq acts as the F-35B Operational Conversion Unit (OCU), and 617sq is the first frontline squadron. They were planned to be joined by 809NAS in 2023, but this is now probably delayed until 2026.



This factory fresh H145 was making test flights at Manching. The new 07 code is just visible on the white engine cowling. It is destined for the Ukraine Police force. Also of interest is the WTD61 Typhoon 98+07 doing full throttle engine tests in the background at the same time.



On 7 July 2021, the RAF flew a ten ship formation around the UK to celebrate the 50th Anniversary of the Puma in RAF service. Here is XW224, the anniversary aircraft, landing at RAF Scampton for the first fuel stop of the flypast. (MartinFox)

Merlin HM2				H125				
ZH837	820NAS	ex MDMF	50074 may21	BF2011	also XT-MEP	ex EC-NEB	8697	jul20
ZH839	814NAS	ex MDMF	50081 may21	BF2012	also XT-MEQ	ex EC-039		jul20
ZH862	MDMF	ex 824NAS	50171 may21	BF2013	also XT-MER			jul20
Merlin HC3i				BF2014	also XT-MES			jul20
ZJ130	Leonardo	ex 846NAS/O	50169 may21	BF2015	also XT-MET	ex EC-030	8855	jul20
Merlin HC4A				...	ex F-WTBE	ex EC-038	8744	jul20
ZJ992/AB	846NAS	ex Leonardo	50106 may21	...		ex EC-037		jul20
Wildcat AH1				Jos Stevens, from www.rotorspot.com , found on uk.flightaware.com some unknown military serials, the XT-MEP till XT-MET. The link was quickly made that these must be the last year delivered AS350s.				
ZZ386	WZM	ex 847NAS	505 may21	Soon after Jos came with four of the HEX-codes, the MEQ as 3464D3 (which was known as EC-039), the MER as 346498, the MES as 346497 and the MET as 3464DA (which was the former EC-030).				
ZZ394	847NAS	ex Leonardo	492 apr21	Ian Carroll did a close inspection on the photos we had, mostly supplied by Peter Weinert, of the last year delivered Écureuils and came with the following remarks. Only the BF2011 and BF2015 had cable cutters, the BF2012 is the only one with an overall grey colour scheme, the BF2013 has two lights underneath the fuselage and the BF2014 seems to have a silver nose cone. Knowing the helicopters came from Spain, soon some photos and videos of the delivery were found on Twitter, Facebook and Instagram.				
ZZ399	847NAS	ex Leonardo	472 may21	The five AS350s were delivered to Burkina Faso by the Spanish company Centervol and left the airport of Girona-Costa Brava, onboard An-124 UR-82007, at 1 August 2020.				
Wildcat HMA2				From here we had to made one assumption and that was that there was a logical tie-up between the BF-serials and XT-registrations, as mentioned in the list above.				
ZZ414	Leonardo	ex 815NAS	484 may21	We hope this assumption is correct of course. If correct the XT-MET is the BF2015 and thanks to the HEX-code we know is was the former EC-030. Photos of the delivery shows that only the EC-030 and EC-NEB had cable cutters, it will mean that the EC-NEB must became the BF2011. Photos of the EC-038 shows two light underneath the fuselage, so we are almost sure this must be the BF2013, which automatically made the BF2014 the ex EC-037, but we want to have some more proof of this. Any help with HEX-codes is appreciated, because this can helps to proof our theory.				
ZZ516	WZM	ex 815NAS	521 may21					
ZZ517	815NAS	ex Leonardo	522 may21					

Africa

Algeria

Al-Quwwat Al-Jawwiya Al Djazairiya (AF)

DAOL = Tataroui

Firnas 142

7T-WDE	8 EdE	f/n DAOL, photo	jun21
7T-WDN	8 EdE	f/n DAOL, photo	jun21
7T-WDS	8 EdE	f/n DAOL, photo	jun21

L-39ZA

NL-41	620EIA	c/n update	035111
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Angola

Força Aérea Nacional de Angola (AF)

FNLU = Luanda

L-29

I-81	pres FNLU	Base museum, serial update
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Mi-171Sh

H-645	serial confirmation, photo
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Burkina Faso

Force Aérienne de Burkina Faso (AF)

DFFD = Ouagadougou

LEZL = Sevilla-San Pablo, Spain

C295M

XT-MBH o/o, as EC-298 f/n LEZL jun21

Ce FRA150L

XT-MAS std DFFD type corr., not Ce152 0125

The last three digits of the construction number were mentioned on a kind of tender list, found by Peter Weinert on Facebook. Andy Marden started on AB-IX a discussion about the aircraft and got one reasonable suggestion. It may be the former N64608 (canx 24 November 1972). Further info found about this of this Reims-Cessna FRA150L is: ex F-OCTO (registered December 1972), ex TU-TFY (registered February 1973), fate unknown. We had it as a Cessna 152 in the database but according the list it is a Reims Aviation Cessna 150L, so this would makes the construction number as noted above.

PA-34-200T

XT-MAZ std DFFD c/n upd, N8114X 348070026

The construction number of this Piper Seneca also came from the tender list as mentioned above.

SF260

The tender list, dated 15 November 2019, contains all the aircraft being stored at Ouagadougou and which are at the end of their lifetime and may be sold. On the list were also seven Marchetti all with XT-registrations, followed by a 86xx or 87xx serial. The published list was as follows:

Registration	Serial number	c/n	assumed serial
XT-MCF	8625	504/MIQ	BF8425
XT-MCG	8626	474/MOI	BF8426
XT-MCJ	8633	370	BF8433
XT-MCM	8639	371	BF8439
XT-MCN	8651	322	BF8451
XT-MCR	8775	169	BF8475
XT-MCS	8671	510	BF8471

Know was that the SF260s from Burkina Faso had BF84xx registrations, so we assume the 86xx and 87xx serial are typos and so we placed the assumed correct serials behind the construction numbers. Beside this possible typos we have some other problems with the list. The 8651 is mentioned as c/n 322, however we have the BF8451 as c/n 440 and it was noted in France in July 1994 already, where it became the F-GUSF (c/n 440 was checked during an airshow). We have the BF8453 as c/n 322. We assume that 8651 with registration XT-MCN are incorrect and this should be 8653 (BF8453) with registration XT-MCO.

The BF8475 crashed in January 1988 and is now on the list mentioned as scrap, so most likely it lay somewhere in the hangar ever since. Also the XT-MCF is mentioned as scrap.

The registration XT-MCS for the 8671 seems also strange,



Walter van Brempt photographed this former US C-145A at Antwerp on 26 June 2021. It was being ferried from the States via Belgium to Kenya as N279DH. That civil registration is not clearly visible, its former ID and its AMARG park-code are much more evident.

this will means they are not in a logical order. XT-MCP would make more sense for the 8671. According to Marchetti expert Hendrik van der Veen c/n 510 is strange because this would be a SF260TP and not a MC or W-model. We had the BF8471 as c/n 11-03 in the database.

So quite some questionmarks here and if somebody has additional information, please let us know.

Tetras 912CSLM

XT-MEE	std DFFD	184	nov19
XT-MEF	std DFFD	188	nov19
XT-MEJ	std DFFD f/n database	239	nov19

The serial and construction number of the XT-MEJ also came from the tender list and is so far not yet noted. All the above three Tetras are mentioned as scrap.

Democratic Republic of Congo

(Force Armées de la République Démocratique du Congo)

Force Aérienne (AF)

The Defence Attaché of DRC have invested in a Bell 430 through Emperor Aviation. The South African company NAC Helicopter Operations was honoured to have been a part of each Pilots Conversion. On the photo which was with the article on Facebook, the ZT-ROS (c/n 49008) was visible in a blue/silver colour scheme. The ZT-ROS was indeed for sale and was in the past painted in a yellow/silver colour scheme, so it is quite possible this is the Bell 430 which was sold to the DRC.

Djibouti

Force Aérienne du Djibouti

LKKU = Kunovice (Czechia)

L-410UVP-E20

J2-MBE o'haul LKKU 2732 jul21

This LET-410 arrived at the LET factory at Kunovice to be overhauled.

Egypt

al Quwwat Al Jawwiya II Misriya (AF)

HECW = Cairo West Air Base

AW149

42 f/n, YouTube jul21

In Scramble 505 we reported the 41 already, but at that time we were not sure 41 was the code or the serial. In the beginning of July, a large exercise was held around Berenice airbase. The helicopter carrier of the Egyptians was for the coast with onboard at least two AW149. The 42 was very clearly visible and it looks like 42 is the serial and not just a part of the serial or just a code.



Nigerian Air Force Beech 350 NAF203 is suspected to be the victim of a crash on 21 May 2021, but this still has to be confirmed. Teemu Tuuri photographed the Beech in better circumstances at Lagos on 21 February 2021.

Camcopter S-100								
..		f/n database, photo	423	oct20	182	PFT sq	f/n database, photo	jun21
3		f/n database, photo		jul21	Mi-171Sh			
Ka-52					2024	20sq	f/n database, photo	jun21
6635	111 AW	f/n database, photo		jul21	Exact subtype needs confirmation.			
6637	111 AW	f/n database, photo		jul21	Mi-17V-5			
6643	111 AW	f/n database, photo		jul21	2025	20sq	f/n database, photo	jun21
Mi-24V					2026	20sq	f/n database, photo	jun21
3078	549AW	f/n database, YouTube		jul21	Exact subtype needs confirmation, these can also be Mi-171E or Mi-17-1V.			
MiG-21UM					MiG-21R			
5656	wfu	f/n database, photo		1980s	1477	wfu	f/n database, photo	
MiG-21US					MiG-23BN			
5656	dump HECW	f/n database, photo		1981	1252	wfu	f/n database, photo	1979
Skypper 912					1283	wfu	f/n database, photo	
109		f/n database, video		2017	Kenya			
311		f/n database, photo		mar16	Kenya Air Force (AF)			
316		f/n database, photo		oct16	C-145			
318		f/n database, photo		dec16	...	o/o, ex AMARG	ex 10-0321	AJE003-21 jun21
323		f/n database, photo		mar16	Mi-171E			
324		f/n database, photo		mar16	...		w/o 24jun21	
325		f/n database, photo		mar16	Madagascar			
334		f/n database, photo		jul17	Armée de l'Air Malgache (AF)			
335		f/n database, photo		dec17	FMMI = Antananarivo-Ivato			
340		f/n database, photo		oct17	Ce172M			
341		f/n database, photo		dec17	5R-MTF		stored FMMI	17265550 may21
344		f/n database, photo		dec17	This Cessna was found thanks to a photo on Flickr. It is since, at least, July 2019 stored at 18°47'52.62"S, 47°28'17.23"E.			
350		f/n database, photo		oct16	Mali			

These are Ultralights built by the French company Air Création and used by the Egyptian Special Forces. They are based just east of Inshas.

Ethiopia

Ye Ityopya Ayer Hayl (AF)

C-130

... 15sq w/o 23jun21

On Twitter the C-130E with serial 1564 (c/n **382-3822**) is mentioned as the one that was shot down by Tigray militias. However on another Twitter page a photo was published of an identification tag showing 5022. This was the construction number of the L-100-30 with serial ET-AJK, which believed became later the 1572. As far as we know the 1572 was also still in active service. Time will tell which Hercules crashed on 23 June 2021.

G120TP

179	PFT sq	f/n database, photo	jun21
180	PFT sq	f/n database, photo	jun21

Mali

Force Aérienne de la République du Mali (AF)

LEZL = Sevilla-San Pablo, Spain

C295

TZ-12T	o/o	f/n LEZL	171 jun21
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This CASA was already noted in January 2019 at the Airbus factory in Sevilla, Spain. It was placed in storage until the beginning of June 2021.

Nigeria

Nigerian Air Force [AF]

LILN = Varese-Venegono, Italy

A-29B

NAF845	407 ACTG	ex 19-2033, desert c/s	jun21
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NAF846	407 ACTG	ex 19-2034, desert c/s	jul21
NAF848	407 ACTG	ex 19-2036, desert c/s	jul21
NAF850	407 ACTG	ex 19-2038, desert c/s	jul21
NAF851	407 ACTG	ex 19-2039, jungle c/s	jul21
NAF852	407 ACTG	ex 19-2040, jungle c/s	jul21
...	o/o	as 19-2041, jungle c/s	may21
...	o/o	as 19-2042, primer c/s	may21
...	o/o	as 19-2043, jungle c/s	jul21

The six A-29Bs, with the NAF-serials, were noted during their stopover at Prestwick, United Kingdom. Their routing was Moody (GA), Worcester (MA), Goose Bay (Canada), Narsarsuaq (Greenland), Reykjavik (Iceland), Prestwick (UK), Zaragoza (Spain), Algeria and finally to Kano.

They carried their NAF-serials under the stickers but all could be read, except the NAF846 which is not 100% confirmed. The remaining six should be delivered before the end of October 2021.

Alpha Jet A

... w/o 18jul21

AW189

(5N-FG2) o/o, as I-RAIL f/n LILN **49071** jun21

On 30 June 2021 at Venegono appears the second AW189 VIP for the Nigerian Air Force, and will be used as Presidential helicopter.

The helicopter is painted in the colours of the Presidential Air Fleet, this unit is based at Abuja. Its Nigerian serial was covered with a sticker with the Italian serial on it, but was read through the sticker as 5N-FG2. Confirmation is required of course.

If correct it is most likely the other AW189, see Scramble 503 - page 57, with Italian flight test registration I-RAIW and construction number **49068** will be the 5N-FG1.

Rwanda

Force Aérienne Rwandaise (AF)

AS350B-1

10K13 ex F-WYMC was as SA342 in DB **2136**

The construction number and serial were confirmed thanks to an article published in the June edition of the French magazine Le Fanatique de l'Aviation.

MS893-235

20L07 wfu f/n database **3368**

20L08 wfu c/n update **3369**

Both serials and construction number were published in

the June edition of the French magazine "Le Fanatique de l'Aviation".

SA342L

10K09 w/o may93 tail at Sarrebourg **1872**

The crash date of this Gazelle was in an article published in the July edition of the French magazine "Le Fanatique de l'Aviation". The tail is/was preserved at Sarrebourg, France.

Tanzania

Jeshi la Wananchi la Tanzani (AF)

LFML = Marseille-Provence France

H215

JW9806 o/o, LFML c/n update **3087/TNZ004** jun21

JW9808 o/o, as F-ZWDE f/n LFML jul21

Togo

Force Aérienne Togolaise (AF)

LFBU = Angoulême-Cognac, France

TB-30

5V-MAT o/h LFBU **59** jul21

5V-MAU o/h LFBU **151** jul21

Both aircraft were noted in a hangar at Angoulême-Cognac where they were overhauled. Both were dismantled and ready to be shipped back to Togo.

Zimbabwe

Air Force of Zimbabwe (AF)

Mi-35P

... dam. (or w/o) 08jul21

Looking at the image of the Mi-35, it more looks like it made a precaution landing and didn't crashed as reported.

Asia

China

People's Liberation Air Force (AF)

J-10C

61038 2nd Brigade jun21

J-16

61240 3rd Brigade jun21

61243 3rd Brigade photo

61246 3rd Brigade jun21

61248 3rd Brigade jul21



We don't see many photographs of African country's air force jets in their natural habitat but Teemu Tuuri was able to capture this Aero L-39ZA of the local 403 FTS (Flying Training School), serial NAF354 at Kano/Mallam Aminu on 23 February 2021.

J-20A
62103 9th Brigade photo

Y-7H
53311 WTC/Transport & SAR Brigade photo
People's Liberation Army (AR)

Mi-171Sh
95003 photo
It can be expected this is one of the eighteen Mi-171Sh CSAR helicopters bought in 2019, pictured still in its delivery registration. At the same time 68 additional Mi-171Es were ordered.

Z-8B
LH990804 LH Academy sep19

Z-8L
LH953816 161st LH Brigade jul21
LH953825 161st LH Brigade jul21
LH953826 161st LH Brigade jul21

As can be seen, the last two wide-body Z-8Ls have taken the serial numbers that have belonged to the relatively new Z-8G within the Brigade. It can be expected that the latter have left the Brigade.

Z-10
LH951122 81st LH Brigade jul21

Z-19
LH963563 80th LH Brigade jun21
LH963569 80th LH Brigade jun21

Z-20
LH982218 121st LH Brigade photo
LH982256 121st LH Brigade photo

People's Liberation Army Navy (NY)

J-11BH
81383/33 8th Division/22nd Regiment jul21

J-11BSH
81983/93 8th Division/22nd Regiment jul21

J-15
08 Carrier Air Wing ex 108 **0109** jun21
09 Carrier Air Wing ex 109 **0110** jun21
70 Carrier Air Wing jun21

KJ-500H
85093 9th Division photo

Manufacturers

Z-10ME
Z10ME-01 CHAIC jul21
Z10ME-02 CHAIC jul21

In a small static show at CHAIC both Z-10ME prototypes were shown which illustrated that the Z10ME-02 featured an upward directing exhaust and the -01 featured the conventional sideward pointing exhaust.

Z-20J
6215 HAIG jul21

The Z-20J is a shipborne transport and assault helicopter and therefore can be expected to be used on the Type 075 LHD Assault ships. Apparently five prototypes have been build, the first of which flew in 2018.

India

Indian Defence (DF)

Hindustan Aeronautics Limited (HAL) is expected to deliver the first batch of three Light Combat Helicopters (LCH) to the Indian Air Force once acceptance tests are completed. In November 2016, the Indian Ministry of Defence (MoD) cleared the acquisition for the LCH. After the clearance by the MoD, another year passed before the first Request for Proposal (RFP) was issued. On 22 December 2017, HAL received the RFP to manufacture fifteen Limited Series Light Combat Helicopters (LCH) for the IAF and the Indian Army Aviation Corps. Of these fifteen helicopters, ten are for the IAF and five

for the Army.

According to a HAL spokesperson, HAL received a Letter of Intent for five IAF and five Army LCHs for delivery pending contract finalisation of Limited Series Production (LSP). HAL has produced three LSP LCHs for the IAF. On the remaining helicopters of the LSP series, the spokesperson added; "In 2021 we are producing four LCHs for the Army and two for the Air Force. The remaining six LCHs will be produced in 2022."

While the Indian Air Force is the LCH's launch customer, the Indian Army will receive most of the helicopters. The air force has put forward a requirement for 65 LCHs and the Army for 114 LCHs. The LCH is a 5,5-ton class, combat helicopter designed and developed by HAL to meet the specific and unique requirements of the Indian armed forces and can operate at heights of 12,000 feet.

The maiden flight of the LCH already dates back to 29 March 2010. So far four Technology Demonstrators and three Limited Series Production Series LCHs have been built:

ZP4601 (**TD-1**) black c/s, l/n feb19
ZP4602 (**TD-2**) digital camo, l/n feb21
ZF4603 (**TD-3**) grey/dark grey c/s, l/n feb21
ZF4604 (**TD-4**) black c/s, l/n feb21
ZF4831 (**LSP-01**), l/n feb21
plus **LSP-02** and **LSP-03**, not seen yet

Bharatiya Vayu Sena (AF)

A319-112
VT-SCO DRDO grey c/s **3822** jul21

This is the first of six Airbus A319s destined for the Indian Air Force for use as AWACS aircraft. The aircraft will be sent to France, where they will be refurbished and modified to Indian Air Force/DRDO specifications including the fitment of airborne radars. After returning to India, DRDO will integrate the radar with the complex software that will allow these aircraft to function as "eye-in-the-sky" controllers.

An-32RE
KA2677 unit nn ex K2677 **02 02** mar21
KA2703 unit nn ex K2703 **04 08** jul21
KA2722 unit nn ex K2722 **06 07** jul21
KA2749 unit nn ex K2749 **09 07** jun21

Mirage 2000H
KF117 40Wg f/n jan21

Su-30MKI-3
SB234 unit nn f/n jun21
SB240 unit nn f/n jun21

Bharatiya Nau Sena (NY)

MH-60R
IN752 Sikorsky f/n jul21

P-8I
IN329/DAB INSA315A d/d 13jul21 **64891/8296** jul21

Indonesia

Tentara Nasional Indonesia - Angkatan Udara (AF)

H225M
... PTDI o/o **3023** jul21
... PTDI o/o **3027** jul21
... PTDI o/o **3030** jul21
... PTDI o/o **3058** jul21

Thanks to Jos Stevens from Rotorspot, we now have these four construction numbers slated for Indonesia. Eight Super Cougars were ordered on 4 January 2019.

Tentara Nasional Indonesia - Angkatan Darat (AR)

Bell 412EPi
HA-5227/HX-4146 SKUAD11 del 21jul21 ex C-FVSC **37028** jul21
HA-5228/HX-4147 SKUAD11 del 21jul21 ex C-FVYE **37029** jul21
These are number four and five of the order of nine.

Tentara Nasional Indonesia - Angkatan Laut (NY)

PA-28-181

T-2701	SkU200	ex N80171	28-81212
T-2702	SkU200	ex N80172	28-81213
T-2703	SkU200	ex N80174	28-81214
T-2704	SkU200	ex N80175	28-81215
T-2705	SkU200	ex N80179	28-81216

These were cancelled from USCAR 10/11 March 2021 after being exported to Indonesia back in December 2019.

Japan

Nihon Koku-Jieitai (AF)

RJNA = Nagoya-Komaki	RJNG = Gifu
RJTU = Utsunomiya	
ADTW = Hiko Kaihatsu Jikkendan	
AGG = Hiko Kyodogun	ARW = Koku Kyunandan
FTS = Kyoiku Hikotai	FTW = Hiko Kyoikudan
SW-ADF= Nansei Shien Hikohan	

C-2

18-1214	Kawasaki HI	f/n, test at Gifu	14	jul21
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F-2A

63-8501	o/h RJNA	nb, for ADTW	1001	jul21
03-8507	3 Hikotai	nb, ex IRAN	1007	jun21
43-8530	o/h RJNA	nb, ex 3 Hikotai	1030	jul21
53-8535	o/h RJNA	nb, ex 6 Hikotai	1035	jun21

F-2A 501 in the red/white prototype colours was finally seen in July at Nagaoya, making a test-flight. Perhaps it received some modifications (previous last note was July 2019) but there were no obvious external clues.

F-4EJ

47-8336	Gifu	stored inside hangar	M036	jul21
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Was noted during a small event for the public.

F-4EJ Kai

87-8415	Chikujo-machi	Metase no mori Market	M115	jul21
17-8439	Miho	301 Hikotai mks	M139	jun21

Phantom 415 was reportedly flown to Tsuiki on 25 June 2020, unfortunately we were never able to confirm this. No actual photos were published of the aircraft arriving at Tsuiki. However in June 2021 the Phantom emerged with a 304 Hikotai badge and was transported during the night to its final resting place. It has not joined the other preserved aircraft at the gate of Tsuiki (this will be the fate of 07-8429)

but was brought to the Metase no mori market, a sort of rest-stop/parking area on the 58 road, belonging to the village of Chikujo. There is also an adjoining park, the Yuminoshi Kinrin park. The exact location is not known yet but photographs show the aircraft in a park-like area, surrounded by a low fence. The entrance of the parking area holds T-33A 91-5403, falsely marked as '81-5358'.

A recent shot of Phantom 439 gives the impression it is now preserved outside at Miho although the exact spot is not known yet.

F-15DJ

12-8052	o/h RJNA	nb, ex 305 Hikotai	631/002	jul21
52-8062	23 Hikotai	ex 303 Hikotai	906/012	jul21
02-8073	23 Hikotai	ex nb after IRAN	023	jun21
12-8075	o/h RJNA	nb, ex 201 Hikotai	025	jul21

F-15J

52-8847	23 Hikotai	prev. l/n August 2019	047	jul21
42-8947	201 Hikotai	ex 306 Hikotai	147	jul21
72-8963	306 Hikotai	ex nb after IRAN	163	jul21

F-35A

69-8702	302 Hikotai	ex IRAN	AX-02	jul21
79-8703	o/h RJNA	arr. 301 Hikotai mks	AX-03	jul21

Unlike F-2s and F-15s for overhaul, arriving at and departing from Nagoya without unit badge, the F-35As are fully marked on both occasions. Something to do with the special paint needed?

F-86F

62-7475	wings to 02-7969, cockpit pvt.collector	227-90	jan67
62-7475/COMP.	to US Navy as 553905(= wrong ID)	256-89	nov81
02-7969	reregistered as 62-7475 (COMP.)	256-89	78

A wing-swap puzzle solved? F-86F 62-7475 (former USAF 55-3905) was stored at Gifu in January 1967. It is believed it donated its wings to the fuselage of 02-7969 during 1979. For unknown reasons this composite frame (wings 475/fuselage 969) instead of retaining its fuselage serial, adopted the serial of its wings, 62-7475. After this composite was retired in November 1981, it returned to the US DoD and according to US Navy records became a QF-86F target drone with serial 553905. So, unless during the wing-swop also the construction number plate was swapped, the QF-86F was using the wrong former USAF ID, that of the wings. One could say the



In July several photographs appeared on internet of a delivery flight with these two stunning M346s. Assessment of the colour scheme points toward Turkmenistan as customer. (Varese/Venegono, 19 July 2021).



Costa Rican military aircraft are rarely seen so a very welcome contribution from Daniel Laatzten showing Y-12E MSP010 at Juan Santamario on 21 June 2021.

whole wing-swap never took place and the real 62-7475 was transferred to the US Navy, however a recent photo showed the cockpit section of 475, acquired by a private collector when it was broken up.

Bottom line, the USN QF-86F 553905 had the fuselage of JASDF F-86F 02-7969 and US record-keeping was either sloppy by only using the JASDF tail-number to verify its ID or, if the c/n plate was swapped, fooled by the Japanese.

H-21B

Our Japan database had question marks behind the c/n of five Piasecki H-21Bs, as these five had the same c/n as five delivered to France. All JASDF H-21Bs are former USAF examples. It now seems some construction numbers (B-148 to B-161) were used for a second time as aircraft originally intended for the USAF were transferred to France during production. When the delayed production for the USAF re-started, they re-used these numbers, beginning with B-148. All five will now appear in our database as B-1xx (2).

T-4

66-5602	o/h RJNG	nb, for ADTW	1002	jul21
06-5640	o/h RJNG	nb?, ex 13 FTW	1040	jul21
36-5707	SW-ADF	ex IRAN	1107	jun21
36-5708	o/h RJNG	nb, ex AGG	1108	jul21
56-5734	21 Hikotai	ex nb after IRAN	1134	jul21
86-5764	31 FTS	ex 303 Hikotai	1164	jul21
16-5795	o/h RJNG	nb, ex 31 FTS	1195	jul21
16-5802	2 Kokudan?	nb, ex IRAN	1202	jul21

Again several T-4s emerged active after their grounding, we now count 116 T-4s as operational.

T-7

46-5913	12 FTW	ex IRAN? ex 11 FTW	13	jun21
56-5926	12 FTW	ex 11 FTW	26	jun21

T-400

21-5062	41 FTS	ex IRAN	TX-12	jul21
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U-125A

12-3016	o/h RJTU	for ARW	258427	jul21
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Rikujo Jieitai (AR)

The end of an era for 1 Yuso Herikoputagun (1st Helicopter Transport Wing) at Kisarazu, as the last CH-47J (the non-radar nose version with the small spooons) left the base. This Chinook, serial 52929, was operated by 103 Hikotai and was waved off by its personnel on 19 July 2021. Now all four Kisarazu Chinook squadrons solely operate the improved CH-47JA.

The JGSDF received a total of 34 CH-47J Chinooks, the major-

ity built by Kawasaki. The first five were either built in the USA by Boeing-Vertol or provided in kit form to Gifu for final assembly. Of these 34, four were converted to the CH-47JA version (Serials 52902, 52910, 52917 and 52924) at Gifu. Another five are in use as instructional airframe and only one is confirmed as stored at the Kanto Depot at Kasumigaura. Four units still operate the oldest Japanese version of the Chinook, 12 Herikoputatai from Soumagahara (XIIH coded), 3 Hikotai of the Chubu Homen Herikoputatai from Miho (MH), Kyoiku Shien Hikotai from Akeno (SD) and the training unit Kasumigaura Kou (SK). We are looking for the fates for a serious number of former Kisarazu CH-47Js, see below.

Up until now, it seems the JGSDF is hardly flying its (for the moment) seven V-22 Ospreys. Only a few flights were recorded, all staying well inside the Kisarazu boundaries and/or its traffic circuit over Tokyo Bay. However on 13 July 2021 the Japanese MoD gave a briefing to the council of Kisarazu city about its intention to operate the Osprey to three other facilities, broadening the operation-area. These are Tateyama Air Base, Hyakuri Air Base and the Higashifuji Exercise area. Tateyama seems to be the main focus as it will be used for training take-off and landings and instrument approach training, as well as acting as a base for over-water-operations education and training.

RJCO = Okadama RJOE = Akeno
RJTK = Kisarazu

UH-1J

41856	I	ex no unit code	1J56	jun21
41864	RJCO	no unit code, ex EH	1J64	jul21

CH-47J

52903	ex 105 Hikotai	fate? wfu?	M4004/5004	aug13
52906	ex 105 Hikotai	last seen at RJOE	5008	jan21
52911	ex 103 Hikotai	fate?	5016	jan14
52912	ex 106 Hikotai	fate?	5017	jan16
52914	ex 104 Hikotai	fate?	5021	jul17
52915	ex 105 Hikotai	fate?	5022	oct15
52919	ex 103 Hikotai	fate?	5029	sep18
52920	ex 105 Hikotai	fate?	5030	oct17
52927	ex 104 Hikotai	fate?	5039	jan19
52929	ex 103 Hikotai	last CH-47J at RJTK	5043	jul21

CH-47JA

52955	T IX	nb, ex HGPIV	5054	jun21
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Kaijo Jieitai (NY)

RJNA = Nagoya-Komaki	RJSH = Hachinohe
RJTE = Tateyama	RJTL = Shimofusa
ATS = Kyoiku Kokutai	nmks = no unit number

SH-60J

8283 b/u RJTE l/n dumped, ex 21 Kok. **1074** jul17
 8288 o/h RJNA nmks, ex 22 Kokutai **1077** jul21

A photo on twitter showed 8283, 8287 and 8969 on the dump at Tateyama. By December 2019 only 8287 was still there, now joined by another SH-60J and UH-60J.

A frame with some hours remaining now it is freshly overhauled, 8288 was last seen operational with 22 Kokutai in February 2016.

UH-60J

8969 b/u RJTE l/n dumped, ex 21 Kok. **3009** oct19?
 Not seen December 2019 so presumed scrapped.

SH-60K

8437 23 Kokutai ex IRAN, at Omura **5037** jul21
 8439 212 ATS ex 22 Kokutai? **5039** jul21
 8473 Mitsubishi HI f/n at Nagoya **5073** jul21

SH-60K 8439 was photographed at Kanoya, however its unit number was obscured.

EP-3

9173 81 Kokutai ex nmks after IRAN **1003** jul21

P-3C

5048 b/u RJSH ex 2 Kokutai **9045** jul21
 5075 203 ATS? nmks RJTL **9072** jun21
 5084 5 Kokutai ex nmks after IRAN **9081** jul21
 5094 203 ATS ex nmks, ex 2 Kokutai **9091** jul21

Laos

Laos People's Liberation Army Air Force (AF)

An-2

RDPL-34025 **1G199-31** jun21

An-26

RF-46856 Laos government del mar21

In March this aircraft was ferried to Vientiane on delivery in full Air Force/government colours. The aircraft was just overhauled by ARZ308 in Ivanovo-Severny and is believed to be donated by the Russian Government

Ka-32T

RDPL-34054 **311048909** mar21

Pakistan

Pakistan Fiza'ya (AF)

A5III

3W-135 pr Lower Topa ex 16sq, l/n feb91 jul21

It was installed 6 July on the Southern outskirts of this village in Murree municipality, Punjab province, N33.89531°, E73.43317°.



At first glance just a DA42, but a very exotic one. This is Jamaican Defence Force serial T-9! (Kingston, June 2021, John Berends)

JF-17

17-244 16(MR)sq c/n update **FC10244** jun21
 18-252 16(MR)sq c/n update **FC10252** jun21
 18-256 16(MR)sq c/n update ex 2P56 **FC10256** jun21
 18-257 16(MR)sq c/n update ex 2P57 **FC10257** jun21

Pakistan participated in Anatolian Eagle with five JF-17s and luckily most of their construction numbers could be checked, thanks Hans!

South Korea

Dae Han Min Guk Gong Gun (AF)

The RoKAF will bolster its medium-altitude reconnaissance capability by acquiring four more Dassault Falcon 2000S aircraft. These will be modified to the Baekdu recon-platform by Korean's flag carrier Korean Air. The RoKAF currently already operates two Falcon 2000S and four RC-800SIG aircraft in the Baekdu configuration.

Korean Air said the new Baekdu reconnaissance planes would have an instrument information collection function that captures the exchange of signals between electronic equipment and a flame detection function that can determine whether a missile has been launched.

F-4E

80-325 Hwaseong-si Maehyang-ri Park **3358** jun21

This Phantom and the F-5E below were both seen preserved at the Maehyang-ri Peace Ecological Park.

F-5E

01-493 Hwaseong-si Maehyang-ri Park **R1144** jun21

KF-5E

10-594 Seoul-Gimpo National Avtn. Museum jun20

It now even turns out to be a KF-5E single seater with a fake serial.

F-35A

21-029 17 FW del. ex Ft. Worth (TX) **AW-29** jun21

21-030 17 FW del. ex Ft. Worth (TX) **AW-30** jun21

21-031 17 FW del. ex Ft. Worth (TX) **AW-31** jun21

21-032 17 FW de.l ex Ft. Worth (TX) **AW-32** jun21

21-033 LockheedMartin f/n Ft. Worth (TX) **AW-33** jul21

First four were delivered on 17 June 2021.

Thailand

Royal Thai Air Force (AF)

In July the Air Force finalized the deal for two KAI T-50TH aircraft. The aircraft will be the last of a total of fourteen Lead-in Fighter Trainer aircraft, that have taken over the role from the L-39ZA/ART within 401squadron operating from Takhli. In 2020 the order for those final two was cancelled so money



The second Hawk Mk167 for Qatar, ZB132 (QA02), flew for the first time on 27 May 2021 from BAE Systems Warton Aerodrome, United Kingdom. ZB133 flew the day before and ZB131 followed early June. As can be seen the first flight(s) take place unpainted, just so called primer colors. Mick Harling kindly shared this image with us.

became available for COVID-19 measurements. This year new budget has been found however.

Royal Thai Army (AR)

Mid June Airbus announced that they had sold another C295 to the Thai Army. Currently the army operates two C295W aircraft.

Department of Disaster Prevention & Mitigation/DDPM (GV)

Ka-32A11BCDDPM

32-03 30jun21

32-04 30jun21

Both Kamovs were delivered by Aviacon Zitrans Il-76TD RA-78765 at U-Tapao on 30 June 2021

Vietnam

Không quân Nhân dân Việt Nam (AF)

The United States has agreed to sell an unknown number Beechcraft T-6 Texan II trainer aircraft to the Không quân Nhân dân Việt Nam (Vietnam People's Air Force).

The United States is expected to deliver three aircraft in mid 2023 as part of a package including a basic pilot training program for Vietnamese pilots modeled after that of the United States Air Force and supply/support packages for training, engineering, logistics, and spare parts needed to maintain the aircraft while in service with the Không quân Nhân dân Việt Nam.

Already in 2019, two Vietnamese CASA C-295 pilots were trained in the United States undergoing the USAF's Aviation Leadership Program at Columbus Air Force Base. Among these two pilots were Senior Lieutenant Dang Duc Toai which flew the Beechcraft T-6 Texan II for more than 167 hours.

According to high Vietnamese officials, the Không quân Nhân dân Việt Nam will have a new 5-year aviation training program, which would be implemented in the following years to replace the traditional 4-year program. In this new program, the Beechcraft T-6 Texan II would most likely be used to train Air Force Officer Cadets expected to fly the western transport planes such as the CASA 295 and CASA 212.

The future selected fighter pilots start basic flight training on either the Beechcraft T-6 Texan II or Yakovlev 52, move onto the L-39C or L-39NG and from there the Sukhoi 22 Fitter and Sukhoi 27/30 Flanker. The new ordered Yakovlev 130 trainers are to train pilots in preparation for future aircraft acquisition (predicted to be Sukhoi 35 Flanker).

Latin America

Argentina

Fuerza Aérea Argentina (AF)

SADM = Morón

SAZT = Tandil

Searching for more transport capacity, a Saab 340 will be sourced to add to the fleet of four. These are gradually being returned to service. The first of ten TC-12B was expected to be delivered on 9 July 2021, but one went technical before that, so the ferry flight was postponed.

The seven Su-29 that once formed the aerial demonstration team Cruz del Sur were put up for auction in May. Prices started at USD 185.600, we do not know yet if the sale was successful.

Ten EMB-312, long term storage inmates, moved from Cordoba to the Área de Material Río Cuarto (AMCUAR). Although no details were disclosed, we figure the following ten may be strong candidates as these were in deep store already in 2014: E-101, E-103, E-106, E-107, E-109, E-111, E-117, E-120, E-123 and E-124.

CeA182J

PG-344 nn act, ex std SADM **A182-0046** may21

EMB-312

A-105 G3A f/n, ex E-105 **312162** apr21

E-105 reregistered as A-105

Mirage 3EA

I-017 pres Merlo, BA ex std SAZT apr21

It has been preserved at the radar site, Centro de Vigilancia Y Control Aeroespacial, since at least July 2019. They also have Meteor C-094.

PA-A28-236

PG-447 nn active, ex std SADM **8411026** jun21

The full construction number is **AR28-8411026**.

Comando de Aviación de Ejército Argentino (AR)

AB206B-1

AE-315 FAdA o/o, f/n jul21

Comando de Aviación Naval Argentina (NY)

As you may remember, the navy acquired five Super Etendards from France in January 2018. Apart from an engine and taxi run not much have been heard from them. The reason is that they are equipped with Martin-Baker ejection seats,

made in the UK. That empire still bears a grudge against Argentina since the Falklands/Malvinas conflict.

The planned acquisition of two more SH-3H Seakings is still on. Currently, the tender process is still running.

Last project that was recently mentioned in local media is the P-3B refurbishment programs. One airframe is about 80% ready now. It was delayed due to payment issues with a contractor. Redelivery of this machine, 0872/2-P-56, is planned for next year.

S-2UP
0703/2-AS-24 wfu ex EA2S **325C** jul21

On 16 July, the last flight of this turbo-prop equipped S-2 took place. It will be preserved at Comandante Espora, BA. By September the 0702 should return to service, that machine is currently on overhaul. But as you can imagine after reading the first couple of paragraphs, the navy does not exactly have the wind in their sails. So the type may be withdrawn altogether.

Brazil

Comando da Força Aeronaval (NY)

UH-15 (EC725BR-B)
N-7108 HU-2 del 29jun21 jun21

This is the eighth and last regular transport Super Cougar. Strangely, the first anti-submarine warfare version test aircraft was also seen in primer carrying a placard with 'N-7108'. Later on, the aircraft that would have been N-7110 (BRA005) was also marked '1st ASuW'. So, we are a bit confused. Anyway, three combat search and rescue versions, UH-15A N-7201 to N-7203 have also been delivered. Completing the sixteen for the navy are five ASuW versions, AH-15B N-4101 to N-4105. The first one of these is in the test phase and will be delivered later this year. We think this is the one first seen in October 2012, photographed in June 2014 as 'N-7108' and later as N-4101, whereas the real N-7108 is BRA039 and was built late 2015 at the earliest we think.

Chile

Fuerza Aérea de Chile (AF)

GB1

...	EAA Halcones	ex N219GC	0010
...	EAA Halcones	ex N146GC	0011
...	EAA Halcones	ex N228GC	0012
...	EAA Halcones	ex N174GC	0014

These are the four other GB1 Gamebirds delivered, tie-ups with their temporary codes are unknown.



The sixth delivery of Qatari Rafels involved a dual and three singles, QA229 was one of these. Nine more are to be delivered. (Bordeaux, 27 July 2021, Maciej Swiderski)

Comando de Aviación del Ejército de Chile (AR)

SA315B
159 w/o 26nov81 **2487**

This helicopter perished at El Plomo mountain, this March, the remains of the crew were finally salvaged.

Colombia

Fuerza Aérea Colombiana (AF)
SKBO = Bogotá-El Dorado

Ce550
FAC1211 pres Tocancipá ex std SKBO **550-0582** jul21

This Citation II was retired on 27 September 2019, and recently moved to the Museo Aeroespacial Colombiana in Tocancipá.

Costa Rica

Servicio de Vigilancia Aérea (PO)

KCOF = Patrick SFB (FL)
MROC = San José-Juan Santamaria

UH-1N
159689 std MROC ex std KCOF **31699** jun21

This Twin Huey was delivered by the US Department of State for spares reclamation for the UH-1ST fleet.

Cuba

Defensa Anti-Aérea y Fuerza Aérea Revolucionaria (AF)

MUSC = Santa Clara/Abel Santamaria

Mi-4
01 f/n photo

MiG-21bis-AP

625	std MUSC	photo, f/n database	jun21
629	std MUSC	photo, f/n database	jun21
631	std MUSC	photo	jun21

Dominican Republic

Fuerza Aérea de República Dominicana (AF)

UH-1H-II
3062 Esc de Rescate w/o 07jul21 **13688**

Ecuador

Fuerza Aérea Ecuatoriana (AF)

G120TP

FAE-1103	ESMA	del 15jun21, f/n	jul21
FAE-1104	ESMA	del 15jun21, f/n	jul21
FAE-1105	ESMA	del 15jun21, f/n	jul21

Three more arrived of the eight-strong order. It is unclear yet if the option for another eight was taken up.

Jamaica

Jamaica Defence Force (DF)

DA42NG

JDF T-9 c/n checked **42.NC006** jun21
 JDF T-10 ex C-FDVA c/n checked **42.NC007** jun21

Mexico

Fuerza Aérea Mexicana (AF)

MMM = Mexico City-Benito Juarez

EC225LP

TPH-02/XC-LKO to C-GRQG ex std MMM **2684** jul21
 Registered with Coldstream Helicopters of Kelowna (B.C.) on 2 July 2021.

Paraguay

Fuerza Aérea Paraguaya (AF)

On 22 May, the air force put various aircraft up for tender that had been withdrawn and stored for some time already. This is the second attempt for most aircraft because the auctions was also held on 20 July last year; see Scramble 498 - Page 90:

Ce402C	0222*)
CeU206G	0234*)
Ce310R	TE-03/(0233)
T-23A	0014*)
T-25A	0133, 0135
T-35A/B	0105*)
UH-1H	H-0431*), H-0432, H-0437*), H-0438
H269A	H-029

Those marked *) were crash victims. The Ce310 never wore its allocated FAP serial. Missing from the list this year are Ce310R ZP-MDA, UH-50s H-025 and H-026 although these two are still stored awaiting disposal and parked in the helicopter 'death row'. Also gone from the list is T-35B 0110, its fate is unknown.

UH-1H

H-0437 for sale tie-up conf. **18081** may21
 H-0438 for sale tie-up conf. **18078** may21

Peru

Fuerza Aérea del Perú (AF)

SEMAN = Servicio de Mantenimiento del Perú

SPLP = Base Aérea Las Palmas

The air force has painted four of their Zlin 242Ls in a smart two tone red and white colour scheme; aptly nicknamed 'Escuadrilla Bicolor'. The aircraft, serials 461 to 464, are part of the festivities to commemorate 200 years of independence of Peru.

CH2000 Antarquí

404 SEMAN SPLP f/n, under constr. **20-5012P** jun21
 405 SEMAN SPLP f/n, under constr. **20-5013P** jul21

The CH2000 are named 'Antarquí' after the elite messengers from the Inca era that sometimes used basic hang gliders, or so the story goes, to transport news from town to town in the hilly terrain.

MB339AP

468 pr Mall del Sur ex std SPLP **6650/052/AC004** jul21

One of the two refurbished MB339s we reported last month, is now preserved inside Mall del Sur shopping centre in the Surco part of Lima, just east of Las Palmas air base, S12.15510°, W76.98221°. Owner Carlos Chinen, set up a small museum there, the Museo Chinen.

Ejército del Perú (AR)

Mi-2T

'EP-653' pres Arequipa fake s/n, ex stored jul21

This Mi-2 is painted up in a pixelated colour scheme with a fake serial. It sits outside the gate of the Centro de Mantenimiento Aeronáutico del Ejército Perú in Arequipa, S16.82302°, W71.85750°. We suspect it came from the storage

compound at either Las Palmas or Moquegua.

Mi-8MTV-1

EP-658 CEMAE ex Police PNP-510 **96149** jul21

It reverted to its old serial and will return to service soon.

Policía Nacional del Perú (PO)

Mi-8MTV-1

PNP-510 DIRAVPOL to army as EP-658 **96149** jul21

Mi-171Sh

PNP-511 DIRAVPOL f/n in Russia jun21 **7951U** jul21

PNP-512 DIRAVPOL f/n in Russia jun21 **7952U** jul21

Both were seen in June prior to their delivery. They were transported by An-124 on delivery 19 July and taken up on 22 July. The first part of the construction numbers is 171S0011220.

Uruguay

Fuerza Aérea Uruguaya (AF)

SUMU = Montevideo/Intl Carrasco 'Gral. Cesareo L. Berisso'

U-8F (Beech A65)

540 DINACIA act, ex std SUMU **LC-325** may21

Middle East

Bahrain

Bahrain Amiri Royal Flight [GOV]

AW139

A9C-HIA del, ex Leonardo ex I-EASS **31916** jul21

A9C-HIS del, ex Leonardo ex I-EAST **31919** jul21

These two left together on 12 June 2021 from Milan Malpensa towards Pescara (Italy), on their way to the Bahrain Royal Flight.

Kuwait

al Quwwat al-Jawwiya al-Kuwaitiya (AF)

KSTL = St. Louis/Lambert-St. Louis Intl (MO)

F/A-18E

813 Boeing f/n, f/f primer KSTL 03mar21

F/A-18F

882 Boeing f/n, full c/s KSTL 09apr21

884 Boeing f/n, full c/s KSTL 25jan21

H225M

101/F-ZWCE KNG ex Airbus KWG001 del 21apr21 **3065**

102/F-ZWBH KNG ex Airbus KWG002 del 21apr21 **3072**

103/F-ZWXC Airbus KWG003 f/n 09jun21

104/F-ZWCM KNG ex Airbus KWG004 del 21apr21 **3082**

604/F-ZWDX ex Airbus KWC004 del 27may21 **3052**

605/F-ZWBF ex Airbus KWC005 del 27may21 **3054**

606/F-ZWDK ex Airbus KWC006 del 31mar21 **3056**

607/F-ZWCG ex Airbus KWC007 del 31mar21 **3059**

608/F-ZWBU ex Airbus KWC008 del 27jan21 **3060**

609/F-ZWBJ ex Airbus KWC009 del 27jan21 **3063**

610/F-ZWBR ex Airbus KWC010 del 27jan21 **3068**

611/F-ZWCV ex Airbus KWC011 del 12mar21 **3070**

612/F-ZWDU ex Airbus KWC012 del 12mar21 **3075**

613/F-ZWBG Airbus KWC013 c/n update **3079**

614/F-ZW.. Airbus KWC014 c/n update **3084**

619/F-ZWBX ex Airbus KVV001 del 22jun21

620/F-ZWBQ ex Airbus KVV002 del 23jul21 **3057**

621/F-ZWCW ex Airbus KWN001 del 23jul21 **3053**

622/F-ZWDU ex Airbus KWN002 del 22jun21 **3066**

Besides the heaps of deliveries (most, if not all, dates are from the sighting at Kefalonia/Corfu (Greece)), there are many updates of the French test registrations and construction numbers in the above sum-up.

Qatar

Qatar Emiri Air Force (AF)

KSTL = St. Louis/Lambert-St. Louis Intl (MO)

Turkey will allow a temporary deployment of up to 36 Qatari



Assigned to the 'High Rollers' of the 192nd Airlift Squadron C-130H 92-0554 is seen at McClellan Field in Sacramento, California on 15 July 2021 operating in the firefighting mission as MAFFS 9. This C-130H has received the NP2000 prop upgrade. (Jim Dunn)

military aircraft and up to 250 personnel to Turkey. Turkish President Recep Tayyip Erdoğan on June 3 forwarded for parliament's approval a technical agreement signed by Turkey and Qatar on the deployment of Qatari military aircraft and support personnel in Turkey, with a note of justification attached which explains that the agreement is aimed at contributing to the training and experience of Qatari military pilots within the framework of friendship and cooperation between the two countries.

Scramble assesses Konya airbase might be the temporary home for a fighter squadron for training, with a potential mix of Rafales and F-15QA. Apache helicopters could also be involved.

AH-64E			
QA118	Boeing	f/n flypast Doha	QT009 dec19
F-15QA			
17-001	Boeing	KPMD for tests	QA01 may21
17-002	Boeing	KPMD for tests	QA02 jun21
17-003	Boeing	f/n, f/f KSTL	QA03 nov20
17-004	Boeing	f/n, f/f KSTL	QA04 nov20
17-005	Boeing	f/n, f/f KSTL	QA05 nov20
17-006	DCMA	KBLV ex Boeing	QA06 feb21
17-007	Boeing	f/n, f/f KSTL dec20	QA07 jan21
17-008	Boeing	f/n, f/f KSTL	QA08 jan21
17-009	DCMA	KBVL ex Boeing	QA09 may21
17-010	DCMA	dam KBLV 18may21	QA10 may21
17-011	Boeing	f/n, f/f KSTL	QA11
17-012	Boeing	f/n, f/f KSTL 16jul21	QA12 jul21
17-013	Boeing	f/n, f/f KSTL 02jul21	QA13 jul21

The production, test flying (with 17-001 at Palmdale (CA)) and flight training with the new Qatar Eagles is continuing full swing. The Defense Contract Management Agency (DCMA) has commenced training in earnest with a training unit for the Qatari crews at Scott AFB/Midamerica Airport (IL). This airfield is due east of the Boeing F-15 production facilities at St. Louis Lambert International Airport (MO), across the Mississippi River. St. Louis Airport is simply not capable of handling the multiple fighter aircraft sorties required for the training. F-15QA 17-006 was the first to arrive at the civilian side (northeast side) of Scott on 20 February 2021.

Some six Eagles are parked at and operating out of the most northern ramp of the civil airport under three sunshades at the left side. Flight instructors of the US Air Force (and US Navy) are training the Qatar Emiri Air Force (QEAF) flight crews. During the one-year mission, around 1,027 sorties are planned. When the aircraft finish their sortie, pilots will fly

multiple (up to four) instrument approaches before a full stop landing. 17-010 was damaged by an American crew on 18 May 2021.

The first deliveries of F-15QAs to Qatar are still said to be planned for 2021. In the meantime, some did fly around with two external wing tanks and initial aerial refuelling certification and or training took place in June as well.

We assess the Qatar Eagles may not receive QA serials and will continue to use the abbreviated USAF serial as depicted on their horizontal tails: full fiscal year serial 17-0001 is displayed as small AF and 17 plus larger 001 on both vertical tails. We will refer to this as 17-001 for now.

Hawk Mk167

QA.../ZB131	BAE Systems	f/n, f/f 04jun21	QA001 jun21
QA.../ZB132	BAE Systems	f/n, f/f 27may21	QA002 may21
QA.../ZB133	BAE Systems	f/n, f/f 26may21	QA003 may21
QA.../ZB134	BAE Systems	f/n, f/f 19jul21	QA004 jul21

The new Hawks for Qatar have started to emerge from production and have commenced their test flights from BAE Warton as can be seen above. All are still in a primer scheme. Five more of the total order of nine are expected. We have seen reference to these aircraft as Hawk T2, Hawk T7 and Hawk T10. Maybe someone can shed a light on this.

Rafale EQ

QA228	Al Adiyat	del, ex Dassault	EQ19 jul21
QA229	Al Adiyat	del, ex Dassault	EQ20 jul21
QA230	Al Adiyat	f/n, del, ex Dassault	EQ21 jul21

Rafale DQ

QA207	Al Adiyat	del, ex Dassault	DQ07 jul21
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The production and by now the deliveries of some new built Qatar Rafales has commenced again. The above four left 27 July 2021 for Qatar, accompanied by a C-17A. QA228 was first seen 8 February 2021, QA229 was noted flying by March 2021. QA207 was left behind and used for training in France since 2019. Nine Rafales are still to be delivered: six Rafale EQ (QA231/QA236) and three Rafale DQ (QA201, which is at Istres for testing and QA208/QA209).

North America

Canada

Royal Canadian Air Force (AF)

CC-295 (C295MW-SAR)

295506	19 wing	d/d 16-20jul21	197
295510	Airbus	f/n	203 jun21

United States

United States Air Force (AF)

A-10C

80-0278	nmks	ex DP/47th FS	A10-0628	jun21
81-0988	nmks	ex DM/354th FS	A10-0683	jun21

B-1B

85-0080/DY	Barksdale	for museum	40	jul21
85-0083/EL	309th AMARG	ex 34th BS	43	jul21
85-0087/DY	309th AMARG	ex 9th BS	47	jul21

KC-10A

79-0434	309th AMARG	ex 305th AMW	48201/333	jun21
83-0081	309th AMARG	ex 305th AMW	48222/392	jul21
86-0036	309th AMARG	ex 305th AMW	48249/424	jul21
87-0122	309th AMARG	ex 305th AMW	48308/432	jun21

KC-46A

19-46062	Boeing	f/n	41888/1226	jun21
19-46064	Boeing	f/n		jun21
19-46065	Boeing	f/n		jun21

C-130H

88-4402	nmks	ex 154th TRS	382-5155	jun21
89-1182	154th ARS	ex 181st AS	382-5190	jul21
89-1185	154th TRS	ex 181st AS	382-5194	jul21
91-1237	166th AW	ex 165th AS	382-5287	jul21

C-130J

18-5921	Lockheed	f/n	382-5921	jun21
19-5922	Lockheed	f/n	382-5922	jun21

C-130J-30

17-5900	181st AS	ex 115th AS	382-5900	jul21
17-5904	181st AS	ex 115th AS	382-5904	jul21

HC-130P

66-0222	pres Westhampton Beach		382-4184	jul21
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KC-135R

57-1488	92nd ARW	ex 54th ARS	17559/T0168	jul21
63-8029	141st ARS	ex 465th ARS	18646/T0685	jun21

KC-135T

60-0335/D	351st ARS	ex 92nd ARW	18110/T0449	jun21
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OC-135B

61-2670/OF	309th AMARG	ex 45th RS	18346/C3026	jun21
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CV-22B

08-0049	7th SOS	ex 20th SOS	D1035	jun21
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F-35A

18-5449/OT	422nd TES	f/n	AF-277	apr21
18-5452/HL	34th FS	del 17jun21	AF-280	jun21
18-5453/HL	4th FS	f/n	AF-281	jun21
18-5454/HL	421st FS	del 25jun21	AF-282	jun21
18-5455/HL	4th FS	del 08jul21	AF-283	jul21

18-5456/HL	34th FS	f/n	AF-284	jul21
18-5457/AK	355th FS	f/n	AF-285	jul21

HH-60G

81-23643	pres Kirtland	Air Park	70348	mar21
81-23644	i/a Kirtland	with 351st SWTS	70349	jul21
81-23645	i/a Kirtland	at Monster Garage	70350	jan21
81-23646	i/a Kirtland	with 351st SWTS	70351	mar21
82-23680	i/a Kirtland	with 351st SWTS	70503	feb21
91-26401/ZZ	pres Kadena	ex 33rd RQS	701733	jun21

T-38C

65-10414/RA	560th FTS	ex EN/90th FTS	N5833	jun21
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United States Army (AR)

Back in April 2018, plans were announced to add additional CH-47F Chinook helicopters to the 101st Airborne (Air Assault) Division. Initially it was announced that an additional battalion would be added to 101st AVN, but it was emphasized that this was just a plan. An aviation battalion usually has three companies assigned, so potentially up to thirty-six Chinooks would be added. It seems that this number was somewhat downsized and only an additional company is to be added with twelve helicopters. On 22 June 2021, G/6-101st AVN (HH) was established at Campbell AAF, Fort Campbell (KY) and equipped with CH-47F Chinooks. The nick-name of the unit is 'Varsity' and a picture of one of their helicopters (16-08221) shows a large shield painted on the rear-pylon with a silhouette of a Chinook with the letter 'V' above it.

Under a modification to a multi-year contract, the US Army ordered twelve AH-64D helicopters to be converted to AH-64E standard by Boeing at their Mesa (AZ) facility. This contract falls under the FY21 budget, and work is to be completed by 1 October 2024.

Referring to the OSA-A article published last summer in this magazine, the new unit designation of the Tennessee ARNG is now also known. In the past this C-12 unit was designated Det.25 OSACOM TN SFD, but it has now been confirmed that it has been reflagged into Det.6 C/2-641st AVN TN ARNG (TA).

In error the names of two contributors were forgotten at the end of last month's part two of the Lakota article. Setting the records straight, also a big thank you to: Jeff Rankin, Johannes Schages.

Also, it recently became known that all Lakota helicopters assigned to 1-5th AVN have been gathered with Bravo company. In last month's article also Alpha Company was listed as equipped with Lakota helicopters, but this unit now has about six UH-60L Black Hawk helicopters assigned.



Curacao has its fair share of US aircraft coming to visit. The US Army visited the island with UC-35A-1 96-00111. (26 May 2021, Larry Every)



AX-coded VR-53 C-130T165315 was recently transferred to the US Navy from Marines unit VMGR-452/NY. It is seen here landing at its home base. (Andrews AFB/NAF Washington, 6 July 2021, Tim Wolfe)

4-3rd AVN Hunter AAF, Fort Stewart (GA)
 A/1-5th AVN Polk AAF, Fort Polk (LA)
 B/1-5th AVN Polk AAF, Fort Polk (LA)
 C/1-5th AVN Polk AAF, Fort Polk (LA)
 G/6-101st AVN Campbell AAF, Fort Campbell (KY)
 G(-)/2-104th AVN NE ARNG AASF#1 Lincoln Airport (NE)
 A/3-126th AVN MA ARNG AASF#1 JB Cape Cod (MA)
 Det.2 C/1-126th AVN NC ARNG AASF#2 Rowen County Airport (NC)
 2-158th AVN Grey AAF, JB Lewis-McChord (WA)
 A/3-142nd AVN NY ARNG AASF#3 Albany IAP (NY)
 C(-)/2-149th AVN TX ARNG AASF#2 Martindale AHP (TX)
 A/1-169th AVN NH ARNG Concord MAP (NH)
 A/2-228th AVN USARC McGuire AFB (NJ)
 1-229th AVN Grey AAF, JB Lewis-McChord (WA)
 A/2-285th AVN AZ ARNG AASF#1 Papago AAF, Phoenix (AZ)
 B/2-285th AVN AZ ARNG AASF#2 Silverbell AHP, Marana (AZ)
 Det.4 B/2-641st AVN AL ARNG AASF#1 Montgomery RAP (AL)
 BEST BEST Aircraft Consolidation Facility at 248 Dunlop Blvd, Huntsville (AL)
 FWAATS WV ARNG AAFA North Central West Virginia Airport, Bridgeport (WV)
 I2WD Flt Act AASF#1 Lakehurst, NAES Lakehurst (NJ)
 UC-35 Det ME UC-35 Detachment Middle East at Ali Al Salem AB (Kuwait)
 SES Science and Engineering Services LLC at Huntsville (AL)
 WAATS AZ ARNG Western Army National Guard Aviation Training Site at AASF#2 Silverbell AHP, Marana (AZ)

C-12U2

87-70161 Det.4 B/2-641st AVN, ex FWAATS **BP-71** feb21
 Aircraft 87-70161 was last reported with FWAATS in January 2020, ADSB put it with AL ARNG at least since February 2021. In May 2021, this was confirmed via a visual report as well.

C-23C

93-01335 to N282BT ex std 309th AMARG **SH3419** jun21

UC-35A1

96-00107 UC-35 Det ME ex A/2-228th AVN **560-0404** jun21
 99-00100 A/2-228th AVN ex UC-35 Det ME **560-0532** jun21

CH-47F

16-08221 G/6-101st AVN f/n **M8221** jun21
 Previous reports of 14-08162 joining B/1-214th AVN turn out to be incorrect. This helicopter was left behind in Europe by B/6-101st AVN when it returned home in March 2021, it then joined B/2-1st AVN which only brought eleven Chinooks to Europe.

UH-60A

79-23311 std BEST, ex PA ARNG **70128** jun21
 82-23753 std BEST, ex nb **70576** apr21

82-23927 std BEST, ex WAATS **70752** mar21
 83-23916 std BEST, ex A/1-169th AVN **70741** jun21
 84-24010 std BEST, ex I2WD Flt Act **70852** may21
 85-24402 std BEST, ex Det.2 C/1-126th AVN **70878** may21
 87-24588 to N460NW, ex std BEST **701096** jun21
 87-24625 G(-)/2-104th AVN, see note **701154** may21
 87-24636 C/1-5th AVN ex nb **701169** dec20

We did not see any reports of 87-24625 for a long time, but ADSB suggests it was in use by C(-)/2-238th AVN IN ARNG until delivered to Nebraska ARNG on 12 May 2021.

UH-60L

91-26335 A/1-5th AVN ex nb **701633** mar21
 93-26506 C/1-5th AVN ex C(-)/2-149th AVN nov20
 94-26568 Ranger Flt Co ex nb apr21
 95-26619 Ranger Flt Co ex nb may18
 95-26659 A/3-126th AVN ex nb jun21
 98-26800 C/1-5th AVN ex nb **702556** nov20

The activities of the Airborne and Ranger Training Brigade (under the Maneuver Centre of Excellence) at Fort Benning (GA) is supported by a small aviation unit at Lawson AAF, designated Ranger Flight Company. This unit was not reported by us previously, and it is equipped with a handful of UH-60L Black Hawk helicopters. The two known ones are listed here, with 95-26619 also confirmed current in May 2018.

UH-60M

14-20655 2-158th AVN ex 4-3rd AVN **704385** jun21
 ..-21048 A/2-285th AVN f/n jul20
 ..-21050 A/2-285th AVN f/n dec20
 ..-21051 B/2-285th AVN f/n dec20
 ..-21108 A/3-142nd AVN f/n mar21
 ..-21110 B/2-285th AVN f/n may21
 ..-21113 B/2-285th AVN f/n may21

Both 21110 and 21113 were seen and confirmed at Louisville (KY) during their delivery flight to Marana (AZ) where they were taken on strength by B/2-285th AVN AZ ARNG on 22 May 2021.

AH-64D

02-05325 SES ex 3-17th CAV **PVD325** may21
 SES LLC at Huntsville (AL) is contracted by the US Army to strip AH-64D Apaches for useful parts in support of the AH-64E programme.

AH-64E

20-03313 1-229th AVN f/n **NM313** jun21
 20-03322 1-229th AVN f/n **NM322** apr21

UH-72A

19-72446 B/1-5th AVN unit confirmed **9834** jun20

United States Navy

F/A-18E

165783/12 VFC-12 ex VFA-192 1530/E026 jul21

166440/NH-305	VFA-146	ex NH-203/VFA-147	E085	jun21
EA-18G				
166934/NL-551	VAQ-131	ex NL-521/VAQ-135	G19	jun21
166942/NJ-511	VAQ-129	ex NL-542/VAQ-132	G27	jun21
168253/AG-501	VAQ-140	ex AC-502/VAQ-130	G35	jun21
168261/NJ-523	VAQ-129	ex 500/nmks	G43	jun21
168768/NL-521	VAQ-135	ex NL-551/VAQ-131	G82	jun21
168772/NL-523	VAQ-135	ex NL-550/VAQ-131	G86	jun21
168900/NL-553	VAQ-131	ex NL-523/VAQ-135	G98	jun21
168937/NL-550	VAQ-131	ex NL-520/VAQ-135	G109	jun21
169137/NL-512	VAQ-138	ex NL-540/VAQ-132	G128	jun21
169210/NJ-560	VAQ-129	ex NJ-563	G143	jun21
F-35C				
169032/NJ-427	VFA-125	ex NJ-426	CF-20	may21
169790	LMTAS	f/n	CF-52	may21
169798	LMTAS	f/n	CF-54	jun21
MH-60R				
168179/AC-705	HSM-74	ex AJ-711/HSM-70	704...	jun21
MH-60S				
165760/7H-02	Fallon SAR	w/o 16jul21	702661	
P-3C AIP+				
163293/304?	VX-30	ex nmks	185-5822	jun21
P-3C BMUP+				
161415/415	VP-69	ex 415/VP-62	185-5755	jun21
P-8A				
168431/YB-431	VP-1	ex RC-431/VP-46	40811/3916	jun21
168757/YB-757	VP-1	ex YD-757/VP-4	42253/4728	jun21
168860/LL-860	VP-30	ex LF-860/VP-16	44151/5542	jun21
168999/012	VPU-2	as 169012?	44940/5656	jun21
169012/012	fake	see 168999		
169323/323	fake	see 169323		jun21
169338/323	VPU-2	as 169323	63186/6595	jun21
169426/426	BUPERS Dallas	ex YD-426/VP-4	63759/7044	jun21
169543/543	VP-1	ex 543/VP-30	64074/7114	jun21
169567/567	VP-9	del	66101/8411	jun21
169568/568	VP-30	del	66100/8449	jun21
169569/569	VP-30	del 26may21	66102/8488	jun21
169570/570	VP-30?	del 08jul21	66103/8565	jun21
169583	to Norway	as 9583	66111/8911	dec20
169584	to Norway	as 9584	66112/8949	mar21
169585	to Norway	as 9585	66113/8988	mar21
169586	to Norway	as 9586	66114/9026	mar21

CMV-22B

169444	VMR-30	del 23jun21	D2010	jun21
169445	VRM-30	del 07jul21	D2011	jun21
169446	VRM-30	del 22jul21	D2012	jun21
169447	Bell	f/n	D2013	jun21

United States Marine Corps (NY)

UC-12F

163561	H&HS New Orleans	ex H&HS New River	BU-9	jun21
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KC-130J

170271/BH-271	Lockheed	f/n	382-5923	jun21
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F-5N

761547/AF-25	VFC-111	ex ES-105	L1022	jun21
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F/A-18C

165227/312	VMFA-312	ex WT-10/VMFA-232	1414/C452	jun21
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F/A-18D

164659	FRCSW	ex DT-08/VMFA(AW)-242	1086/D088	jun21
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AH-1Z

168964/WG-01	HMLA-773		59221	jun21
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F-35B

169692	VMFA-242	ex CF-10/VMFA-211	BF-107	may21
169693	VMFA-242	ex CF-11/VMFA-211	BF-108	may21
169695	VMFA-242	ex CF-13/VMFA-211	BF-110	jun21
169696	VMFA-242	del	BF-111	may21
169697	LMTAS	f/n	BF-112	jun21
169912	LMTAS	f/f 30jun21	BF-119	jun21

RQ-21A

169368/WG-71	309th AMARG	ex VMU-1		jun21
169369/WG-..	309th AMARG	ex VMU-1		jun21

MV-22B

168691/GX-19	VMMT-204	del	D03..	jun21
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United States Coast Guard (CG)

MH-65E

6521	North Bend	ex Port Angeles	6162	jun21
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Credits: Danny Bonny, Ian Carroll, Pete Cole, Alfonso Glade, Edwin de Greeuw, Joris Heeren, Andy Marden, Daniele Mattiuzzo, Jorge Merino, Alan Nightingale, Jeff Rankin, Jos Stevens, Peter Weinert, Hans van der Wilt Air Britain, Air-space Review



Just a short visit to Coronado beach at the threshold of NAS North Island provided this shot of brand new Carrier-Onboard-Delivery (COD) CMV-22B 169445 of VRM-30 coded '20'. (19 July 2021, Robbert Snijders)

SATER 1/2021

Marco Muntz



HH-139B MM81986/15-56 of 83° CSAR/15° Stormo takes CNSAS rescue teams back to the Posto Base Avanzato after completion of their search and rescue mission. At this PBA, ground staff assisted at the designated landing zone. (all photos Suello, 23 June 2021, Marco Muntz)

The region of Lombardy hosted this year's first edition of the Italian national search and rescue (SAR) exercise SATER on 23 June. The mountainous area just south of Lake Como, known as the Triangolo Lariano, was selected as exercise area in remembrance of the crew involved in an incident with an AB212AM (Matricola Militare MM81146/-) from the Squadriglia Collegamento e Soccorso di Milano-Linate (MI) on 26 April 2005. The helicopter impacted Monte Palanzone within the Triangolo Lariano on a training flight costing the life of five crew members. This SATER exercise in the province of Como was already planned for last year in coincidence with the 15th anniversary of the AB212AM mishap, but due to the COVID pandemic it had to be postponed. The paraglider landing field of the Monte Cornizzolo Aero Club at Suello (LC), 10 kilometers southwest of Lecco (LC), was chosen as the Posto Base Avanzato (PBA) or remote operating base for the duration of the exercise. SATER 1/21 (SATER - Soccorso Aereo TERreste) was organised by the Comando Operazioni Aeree (COA) of the Aeronautica Militare (AM) - Italian Air Force based at Poggio Renatico (Ferrara) in cooperation with the the Corpo Nazionale Soccorso Alpino e Speleologico (CNSAS) of Lombardy.

The XIX Delegazione Lariana of the CNSAS is responsible for search and rescue operations in the Triangolo Lariano area and was therefore closely involved in the planning of the exercise. Main scope of the exercise was to enhance the synergy and cooperation between the Italian Armed Forces and CNSAS units involved. The exercise provided all participants with the opportunity to train and improve procedures and methods to execute a SAR mission in mountainous terrain in the most effective way possible. Three helicopters were dispatched to Suello to support this year's SATER exercise in Northern Italy, the Esercito Italiano sent Agusta-Bell AB205 MEP MM80690/E.I.319 from 34° Gruppo Squadroni "Toro" based at Venaria Reale (Torino) while the Aeronautica Militare provided Breda-Nardi NH500E MM81278/72-15 assigned to the Squadriglia Collegamento di Milano-Linate (MI) and a brand new Leonardo HH-139B, MM81986/15-56, from 83° Centro CSAR at Cervia (RA). The latter was only delivered to 15° Stormo on 11 December 2020 and this was the first participation of a HH-139 'Bravo' in such an exercise. The HH-139B has improved operational capacity compared to the 'Alpha' version, differences include the availability of a double rescue hoist (Goodrich Model 44316) and an opera-



The first helicopter to arrive at the Posto Base Avanzato (PBA) at Suello was AB205 MEP MM80690/E.I.319 of Venaria Reale based 34° Gruppo Squadroni AvEs. This Gruppo, "Toro", is part of 4° Reggimento "Altair" AVES, primarily operating in Alps and Dolomites mountains.

tor mission console to monitor and manage the on-board equipment such as the (Wescam MX-15D) EO/IR (Electro-Optical/Infrared) FLIR sensor, providing a 360 degree search coverage around the helicopter. The infrared «thermal» high definition images generated by the system, presented to the operator on a screen, are extremely useful during search operations in darkness.

The exercise started in the early morning hours of 23 June with the setup of the remote airfield at Suello (LC) from where the CNSAS rescue teams would be launched to and recovered from the search area. The availability of such a Posto Base Avanzato (PBA) is important in case of a so called max emergenza (maximum emergency) situation like a natural disaster with many possible casualties involved. The PBA will be established close to the search area to make use of all equipment, people and fuel in the most efficient way possible with the least loss of valuable time during the rescue operation. The Rescue Coordination Centre (RCC) of the Comando Operazioni Aerospaziali is responsible for planning and control of the aerial operation called DIREX Aerea (Direzione delle Operazioni aeree). The Comando Logistico AM (Italian Air Force Logistics Command) arranges all logistic and operational support which includes mobile communication systems, air traffic control, a meteo station, fire fighting coverage, fuel supply and flight support service such as a marshaller. The CNSAS organises the rescue operation on ground, the DIREX Terrestre (Direzione delle Operazioni a terra) by providing a mobile operation centre, support vehicles, rescue teams and their equipment and the availability of medical aid (ambulances).

Both the AB205 MEP and NH500E landed at Suello (LC) late morning while the HH-139B arrived early afternoon after a short delay. The actual search and rescue exercise in the Triangolo Lariano started just after 15:00. Approximately 150 men and women participated in SATER 1/21 including 60 related to the Italian Armed Forces and 50 associates, mainly volunteers, of the CNSAS Lombardy from the sections of Lecco, Como, Varese and Pavia. In total five different scenario's had been prepared with the use of figurants acting as victims to make the exercise as realistic as possible. Four were conducted in daytime which included the search for lost persons during hiking, rescuers themselves who got ill or

wounded during rescue operations and to locate and rescue a disappeared paraglider. The nighttime scenario involved the search and recovery of a glider pilot after an emergency landing in the mountains.

In total five CNSAS rescue teams participated in the exercise, conducting training in different aspects of rescue operations with helicopters including embarkation and disembarkation with rescue tools, equipment and stretchers in addition to operating the HH-139B's rescue hoist. These simulated rescue missions provided the CNSAS teams and helicopter crews an excellent opportunity to work together and improve cooperation while getting a better understanding of each other's procedures and methods. From the pilots point of view, these kind of rescue training flights are particularly valuable as flying in mountainous terrain requires special attention and skills due to local winds and unpredictable weather patterns, the effect of high density altitude on the helicopter's performance in combination with high weights due to the presence of the rescue teams and their equipment. After the conclusion of the night-time scenario around 22:30 comprising flights operated by the pilots using Night Vision Goggles (NVG) the helicopters returned to their homebase, successfully completing the first SATER exercise after the beginning of the Covid pandemic in 2020.

The Italian national search and rescue exercise SATER is usually being organized three times annually covering north, central and south Italy. The region where and the season when the exercise takes place changes every year to add more training value due to various weather conditions and the presence of different kinds of high terrain. The shift of region also gives more different crew the opportunity to participate in SATER. Main objective of the SATER exercises is to develop the right synergy and cooperation between assets of the Corpo Nazionale Soccorso Alpino e Speleologico and Aeronautica Militare while constantly improving techniques and procedures to be ready for any possible SAR mission, day and night. This is being achieved by the simulation of real situations in order to be fully prepared when each other's expertise, knowledge and assistance are required to either recover the crew of a crashed military aircraft or the search for missing persons in mountainous terrain with support from helicopters of the Italian Armed Forces.



The first helicopter to take CNSAS rescue team members up into the mountains in the Triangolo Lariano was NH500E MM81278/72-15 of the Squadriglia Collegamento di Milano-Linate. The NH500E has only limited space and can just take up to two members of a rescue team at once but the helicopter's velocity is highly appreciated when a quick intervention is necessary.

An Arsenal of Airpower, Deferred

The 2020 World War II Flyover of Washington, D.C.

Haagen Klaus



The volume of aircraft being launched often made for packed taxiways. Here, the P-51C and three P-51Ds of the Little Friends, Big Fight formation await clearance. (Culpeper-Regional, 24 September 2020, all photos by author)

The Arsenal of Democracy

Some gatherings of vintage warbirds produce a distinct 'time machine' effect. They can evoke, even for a brief moment, the sights, sounds, and smells of a bygone era of aviation. One such moment was experienced by thousands of people in the skies over downtown Washington, D.C. on Friday, 8 May 2015. Avengers, Mustangs, Flying Fortresses, Wildcats, Texans, Corsairs, Stearmans, and more flew above the length of the National Mall, from the Lincoln Memorial to the U.S. Capitol in a procession of some 70 warbirds.

It was called *The Arsenal of Democracy*. The centre of the gathering was the National World War II Memorial. The event was organized to observe the 70th anniversary of the end of World War II in Europe. The reference to *The Arsenal of Democracy* was drawn from a Fireside Chat radio address in 1940 by U.S. president Franklin D. Roosevelt. The 2015 event that held that name was a moving tribute. It connected the past to the present while celebrating the extraordinary achievements – and profound sacrifices – of the greatest generation.

Arsenal 2015 relived

At the time, the 2015 flyby was billed as once-in-a-lifetime event. It seemed impossible to duplicate the same logistical

feats, from the availability of aircraft to obtaining the permissions to fly within the most highly restricted airspace in the United States. Momentum then grew for a 75th V.E. Day anniversary flypast, and the 2020 *The Arsenal of Democracy* aimed to be about twice the size, involving an unprecedented gathering of warbirds from every corner of the United States.

The Pandemic

Then, the COVID-19 pandemic disrupted the world. The original event for May 2020 was at first cancelled, and then reorganized for 25 September 2020. In all, about 60 warbirds were able to participate. The aircraft involved were staged at two sites in Virginia. Culpeper Regional Airport hosted everything from trainers up to medium sized bombers. All larger aircraft, such as four-engined bombers, were based at the nearby Manassas Regional Airport which has a much longer runway.

Practice day

Picturesque late summer northern Virginia weather was in place as aircraft arrived ahead of the event. Then, the skies began to turn ominous. Formation practice day, Thursday, 24 September, saw all the aircraft go aloft in a dry run of the Friday flyover within rural northwest Virginia airspace.



Blending into the formation of Stearmans was N2291, a rare Waco PT-14, one of 14 built and was the aircraft that lost the primary trainer contract to the Stearman in 1939. (Culpeper-Regional, 25 September 2020)

Beginning around 10:30 AM at Culpeper and Manassas, all the flight, safety, and security briefings had concluded, and crews arrived at their aircraft. Many dozens of engines began to roar to life as the World War II aircraft again brought about a stunning – and even slightly eerie – ‘time machine’ effect.

Mass choreography

The air bosses and other controllers directed a meticulously planned and choreographed mass warbird launch that formed up into eighteen separate formations. Each formation was emblematic of a particular chapter of the history of World War II. On Thursday, the pilots practiced their join-ups and formations. On Friday, these formation would fly down the length of Independence Avenue each one separated by about two minutes as a narrator would describe each as a historical vignette for the spectators gathered on the National Mall.

Trainers

The eighteen formations that formed up during the practice run on Thursday, 24 September began with *Civil Air Patrol: Defense of a Nation* featuring a formation of L-4 Grasshoppers and L-5 Sentinels. They were followed by *America Trains for War*, consisting of seven Stearman biplanes, a half-dozen T-6

Mustangs and Skytrains

The sky picked up further with the sights and sounds of the legendary Mustang with P-51C Tuskegee Airman and the P-51Ds Gunfighter, Charlotte’s Chariot II and Ain’t Misbehavin in *Fighter Escorts: Little Friends, Big Fight*. The B-17G Sentimental Journey was to have marked *Big Week: Flying Fortresses on the Offensive*, but engine difficulties stopped the bomber just short of takeoff. A trio of venerable C-47 Skytrains, That’s All, Brother, Placid Lassie, and Miss Virginia, made up *D-Day: Falling into France*.

Superfortresses

The C-47s were followed in sequence by a three-ship flight of TBM Avengers for the *Air Battle over Chichi Jima: Avengers in the Pacific* formation followed by an F4U Corsair telling the story of *Iwo Jima, Fighting for Every Inch*. Similarly, the *Battle of the Bulge: Defending the Line* flypast was comprised of just one aircraft, the A-26B Invader Silver Dragon. An F8F-1 Bearcat then made an appearance, as the Grumman fighter became operational during the last months of the Pacific war. The two sole airworthy B-29A Superfortresses, Fifi and Doc, comprised the *Final Air Offensive: Onward Toward Victory*. A missing man formation then concluded the event.



The Military Aviation Museum’s ‘Wooden Wonder’, the De Havilland DH98 Mosquito KA114, is one of four Mosquitos in the world that remain airworthy today. (Culpeper-Regional, 24 September 2020)

Texans and SNJs, along with a De Havilland Tiger Moth and a very rare Waco PT-14. Spitfire MJ730 (N730MJ) and Hurricane N943HH as ‘V6793 / DZ-O’ told the story of the *Battle of Britain: The Air Battle for England* and were followed by a P-40E and TP-40N Warhawk that comprised the formation, *Pearl Harbor: A Sleeping Giant Awakens*.

Pacific and Atlantic

Next, the B-25s Panchito, Champaign Gal, Show Me, and Devil Dog roared down the runway and formed up as the *Doolittle Raiders: The War Comes to Japan*. A TBM Avenger and a PBY-5A Catalina told the story of the *Battle of Midway: Turning the Tide in the Pacific*. A P-39 Airacobra and an FM-2 Wildcat followed in the *Guadalcanal Campaign*. Another rare warbird and crowd favorite, deHavilland DH98 Mosquito KA114 (N114KA) was used to illustrate *Attacking Berlin*. The two other very rare aircraft – a PB4Y-2 Privateer and a Fairey Firefly – followed, along with a TBM Avenger in the *Battle of the Atlantic* formation.

At rest

Aside from the ground abort by *Sentimental Journey*, Thursday’s practice flight was conducted without a hitch. After the work was done, the B-29s graced Culpeper with a flyby and a photo flight circled the area involving various formation members. All the aircraft recovered and were then readied for the big event the following day.

Bad weather coming

Overnight, the forecast deteriorated. By dawn on Friday, the remnants of tropical storm Beta arrived over the mid-Atlantic states. The lead-off formations of Stearmans were able to take off, and they found themselves serving as weather planes. While rainfall and wind were not issues, the Stearmans radioed back that the ceiling was consistently below the 2,000-foot safety minimum for the formation flying event. Conditions were to improve as the day went on, but the FAA waiver for the warbird flights over Washington, D.C. (which included a ground stop at Reagan National Airport)



With its nose art and nose guns, the Douglas A-26B 44-34104 Silver Dragon was arguably one of the most photogenic warbirds in the flyover lineup. The bomber is registered as N99240 to (not surprising) A-26 Invader LLC. (Culpeper-Regional, 24 September 2020)

was narrow and could only be extended through the noon hour. The event was scrubbed. Disappointed crowds along the National Mall dispersed. However, not all hope was lost.

Cancellation

Saturday, 26 September was planned as the rain date. News outlets and social media platforms spread the word of the rescheduled flyby. The following day, crowds again began to gather to glimpse aviation history. On Saturday morning, the cloud deck was even lower with IFR (Instrument Flight Rules) conditions in place beginning at 6:00 AM. The 2020 Arsenal of Democracy simply could not fly.

Disappointment

It was a tremendous letdown, especially given the exceptionally hard work of the organizers, pilots, and ground crews. Still, the assemblage of vintage aircraft alone represented a unique tribute. The organizers – the General Aviation Manufacturers Association, National Air Traffic Controllers

Association, International Council of Air Shows, and Commemorative Air Force – along with nineteen supporting organizations, poured 18 months of effort into making this event possible. Special mention should also be given to the CAF's Capital Wing, who graciously hosted the visitors at their Culpeper home.

Next one 2025?

The 2020 Arsenal of Democracy would have served the public as a solemn memorial reinforcing the collective memory of the deeds and sacrifices of those who fought and died in World War II. Instead, only a comparatively small number of people experienced these great aircraft, including from those who witnessed the Thursday flotillas of vintage aircraft over the Virginia countryside. Hopefully, this will be a story of airpower undeterred. We can only hope that a future attempt to organize a third Arsenal of Democracy will be considered, and for this gathering of living history to once again take to the skies.



This Bell P-39Q-5 42-19597 Big D is one of only two regularly flying Airacobras in the world. It is registered as N6968 and owned by the Texas Wing of the Commemorative Air Force. (Culpeper-Regional, 26 September 2020)



The 16 (Multi Role) Squadron "Black Panthers" of the Pakistan Air Force delegated five JF-17 Thunders to this year's Anatolian Eagle exercise. Among them was 17-244, seen here taxiing past the flightline. (30 June 2021, Dino van Doorn)

AE 2015-1	9-20 Jun	Germany (A310), NATO (E-3A), Pakistan (F-16 9sq), Spain (EF-18 Ala15), UK (Typhoon 11sq), USA (F-15C 493FS)
AE 2016	30 May-10 Jun	Italy (Tornado 6&50St), NATO (E-3A), Netherlands (KDC-10), Pakistan (F-16 11sq), Saudi Arabia (Tornado)
AE 2019	17-28 Jun	Italy (AMX 51St), Jordan (F-16 2sq), NATO (E-3A), Pakistan (JF-17 28sq), Qatar (C-17, C-130), USA (F-15E 48th FW)

2021-2 Edition

The international edition of Anatolian Eagle was held from 21 June until 2 July. The aim of the training is to share knowledge, ability and experience besides enhancing training level for the joint operation as part of realistic war scenario.

The scenario for the exercise was a country (Turkey) divided in the democratic and military strong BlueLand in the south-east and a poor economic and corrupt RedLand in the North-west that is controlled by a military government after a coup. The RedLand forces consist out of eight F-16s of 132 Filo in the aggressor role. This squadron only dressed up the majority of their F-16s with big red stickers covering the tail and stabilizers a few weeks before the exercise. The BlueLand participants consisted of all international aircraft from Azerbaijan, Qatar and Pakistan and the following Turkish aircraft:

113 Filo	6x F-16	132 Filo	2x F-16 *
151 Filo	6x F-16	181 Filo	9x F-16
191 Filo	3x F-16	152 Filo	6x F-16
302 Filo	1x Anka-S *	101 Filo	2x KC-135R *
131 Filo	1x E-7T *		

The aircraft marked with * were not deployed to Konya but

flying from their home-base (which in some cases was Konya anyway). These official numbers do not exactly match the aircraft logged, so likely some were already changed, borrowed from other units or wore previous unit markings. Also two Frigates and two Assault ships of the Turkish Navy participated in the exercise.

In total 330 missions were flown during AE 2021-2 by the BlueLand forces, destroying 26 air to ground targets. The RedLand forces however only flew around 50 sorties. During the exercise also a national FORCEVAL Evaluation of Turkish commitment to the NATO Response Force of six F-16s of 181 Filo, one KC-135R of 101 Filo and six Stinger SBAD teams was successfully carried out.

The AE exercise was observed by the military of an impressive list of countries: Bangladesh, Belarus, Bosnia-Herzegovina, Bulgaria, Burkina Faso, Croatia, Georgia, Hungary, Iraq, Japan, Jordan, Kosovo, Malaysia, Nigeria, North Macedonia, Romania, South Korea, South Africa, Sweden, Tunisia, Ukraine, Uzbekistan.

Participants

An overview of the aircraft noted 30 June and 1 July:

Based			
92-056, 94-080, 96-113	CN235M-100	135 Filo	
13-001, 13-004	E-7T	131 Filo	
3023/2, 3025/5, 3032/6	NF-5A-2000	134 Filo	
3048/3, 3052/5, 3072/2	NF-5A-2000	134 Filo	
4001/4, 4009/4, 4013/4	NF-5B-2000	134 Filo	
4020/1, 4026/1	NF-5B-2000	134 Filo	
86-0196	F-16D	132 Filo	nmks
88-0029 #, 88-0032 #	F-16C	132 Filo	
89-0028*, 90-0010*	F-16C	132 Filo	
91-0017*, 91-0024	F-16C	132 Filo	
92-0023*	F-16C	132 Filo	
93-0008*	F-16C	132 Filo	nmks
93-0664*	F-16C	132 Filo	nmks
93-0674*, 93-0687*	F-16C	132 Filo	
94-0091	F-16C	132 Filo	

= 'Solo Türk' c/s

* = 'Red Land' red markings



The Turkish F-16s with their large coloured squadron marks are among the most beautiful F-16s in Europe. Here 181 Filo F-16D Block50+ 07-1017 with conformal tanks is taxiing out for its next mission. (30 June 2021, Marijn van der Burgt)



Rare Azerbaijan Air Force Su-25BM 09 blue takes off for the second AE mission of the day. It wears 37 'kill' mission marks on the nose, reminding of the recent war against Armenia. (30 June 2021, Marijn van der Burgt)



F-16 93-0674 of Konya-based 132 Filo was participating in the exercise in an aggressor role. The red stickers on the tail and stabilizer represent the markings of the Redland. (30 June 2021, Jille Kameraat)



The sole dual-seat Rafale out of the quartet present at Konya taxis out for its mission. This particular Rafale DQ, QA202, was among the first to be handed over to Qatar only on 6 February 2019. (30 June 2021, Marijn van der Burgt)

Anatolian Eagle 2021-2

88-0014	F-16D	193 Egitim Filo	
88-0025	F-16C	193 Egitim Filo	
88-0033	F-16C	152 Filo	
88-0036	F-16C	151 Filo	
89-0039, 90-0009	F-16C	152 Filo	
90-0013	F-16C	182 Filo	
90-0023, 90-0024	F-16D	152 Filo	
91-0005, 91-0016	F-16C	182 Filo	
91-0022	F-16D	151 Filo	
92-0002	F-16C	nn	162 Filo mks
92-0010	F-16C	151 Filo	
92-0013	F-16C	152 Filo	
92-0021	F-16C	151 Filo	
92-0022	F-16D	182 Filo	
93-0003	F-16C	151 Filo	
93-0005, 93-0009	F-16C	182 Filo	
93-0663	F-16C	113 Filo	
93-0669, 93-0678	F-16C	191 Filo	
93-0679, 93-0681	F-16C	193 Egitim Filo	
94-0078, 94-0084, 94-0093	F-16C	113 Filo	
94-1557	F-16D	191 Filo	
94-1560	F-16D	113 Filo	
07-1017, 07-1018	F-16D	181 Filo	
06 bl	MiG-29 (9-13)	MiG-29 Esk	2960718706
07 bl	MiG-29 (9-13)	MiG-29 Esk	2960718700

09 bl, 23 bl	Su-25BM	Su-25 Esk
LX-N90448	E-3A	NAEW&CF
17-244, 18-252, 18-255	JF-17	16 (MR) sq
18-256, 19-257	JF-17	16 (MR) sq
QA202	Rafale DQ	Al Adiyat Sq
QA210, QA222, QA223	Rafale EQ	Al Adiyat Sq

The 193 Filo aircraft were flying with the 132 Filo aircraft.

Visitors

17-0080	A400M	221 Filo	(2-7)
71-01468	C-130E	222 Filo	(1-7)
005	Ce650	212 Özel Filo	(29/30-6)
93-064	CN235M-100	211 Filo	(29-6)
94-067	CN235M-100	211 Filo	(30-6)
94-073	CN235M-100	211 Filo	(30-6)
77-0288, 77-0296	F-4E-2020	111 Filo	(30-6)
TT-5030	S76C+	MIT	(30-6)
4K-78131	Il-76TD	Azerbaijan AF	(16?-6)
YI-304	C-130J	23 Transport Sq	(29-6,1-7)
J-754	Ce560XL	12 (VIP) sq	(30-6)
4148	C-130E	6 (ATS) sq	(1-7)
4159	C-130E	21 (ATS) sq	(1-7)
MAB, MAN	C-17A	10 sq	(1-7)

Phantom 77-0288 had special "70th anniversary NATO"-markings and 77-0296 special "60 years F-4"-markings.



Two of the special C-130s, not very often seen in these neck of the woods, present at Konya on 1 July 2020, were these Iraqi C-130J-30 YI-304, seen on the left, and Pakistani C-130E 4148, on the right. (Jurgen van Toor)

Yugoslav & Serbian Military Aircraft Designations



The Soko G-4 Super Galeb is the last Yugoslav-produced jet aircraft. N-62 23686 is seen here at Le Bourget on 15 June 1991, in the colours of the Socialist Federal Republic of Yugoslavia, just ten days before the country started to break up. However, both the designation system and the N-62 Super Galeb are still alive with the air force of Serbia today. (Wim Sonneveld)

One of the lesser-known air forces using its own aircraft designation system was the Yugoslav Air Force & Air Defence, a practice that is continued to this day by its successor, the air force of Serbia. The Yugoslav Air Force & Air Defence introduced the system in 1962, upon delivery of the first MiGs. Until then, the air force had benefited from the Marshall Aid Programme (MAP) which was launched after World War II to quickly rebuild European nations as well as their armed forces and keep them out of the Socialist Eastern Bloc. Yugoslavia became a socialist state nonetheless but did not join the Warsaw Pact military alliance. With a developing aviation industry, the air force operated an interesting mix of locally designed aircraft and Soviet-types, the latter replacing the last US-delivered MAP aircraft.

Official designations

Pre-1962, the Yugoslav Air Force & Air Defence added letters to US type designations at times, like with the IT-33A and IF-86D, with the letter I for izvidjac or reconnaissance (recce). The system uses six groups, consisting of a mission letter for each type of aircraft. These mission letters come with a fixed tenth in digits to form the designation:

L-1x	= Lovac	fighter
J-2x	= Jurišnik	attack
H-4x	= Helikopter	helicopter
V-5x	= Višenamenski	utility
N-6x	= Nastavni	training
T-7x	= Transportni	transport

Beside these six groups of designations, a second letter can be used for a more specific task of the aircraft. These letters are found either in front of the basic group (like NL-18) or behind the first letter (HT-40). Helicopter-designations seemed to come with two letters in front of the digits, for other types of aircraft there seems to be more variety. Alas, no generic rule can be concluded for allocation of the second letter, which include the following:

B	= Borbeni	combat
I	= Izvidač	reconnaissance
N	= Nastavni	training, for fighters
N	= Naoružani	armed, for helicopters
O	= Opšte namene	general purpose
P	= Protivpodmornicki	anti-submarine
S	= Spasilacki	rescue
T	= Transportni	transport

Considerations & inconsistencies

Although the system is generally straightforward, it is not as consistent as one may expect, leading to some considerations.

Firstly, types already in use with the air force in 1962 received no new designation but kept their common designation. Hence, it took a while before older aircraft were retired and the system, if we can call it that, was widely used with the air force.

Secondly, the first MiG-type that received the new designation was the MiG-21F-13, which was designated L-12. Why they started with L-12, and not at L-11, is open for debate.

Thirdly, some types, like the An-2, Boeing 707, Do28, and Yak-40, never received a Yugoslav military designation, even though they were delivered after 1962. Could that be because of their civilian pedigree?

And finally, for helicopter types, the sequence that started at H-40 reached H-50 recently (without a second letter!), thus duplicating with V-50 used by a utility type of aircraft, although both types were not in operational use at the same time.

Break-up chronology

The system was obviously in use when the Socialist Federal Republic of Yugoslavia (SFR Yugoslavia) started to break-up:

25 June 1991

Slovenia & Croatia declare independence.

25 September 1991

Macedonia declares independence.

3 March 1992

Bosnia & Herzegovina declares independence.

7 April 1992

Serbs in Bosnia & Herzegovina declare independence unilaterally, Republika Srpska is formed.

27 April 1992

SFR Yugoslavia becomes Federal Republic of Yugoslavia (FR Yugoslavia).

11 June 1999

Kosovo becomes a UN-protectorate.

4 February 2003

FR Yugoslavia becomes the Union of Serbia & Montenegro.

3 June 2006

Montenegro declares independence.

5 June 2006

Serbia declares independence, end of the union.

17 February 2008

Kosovo declares independence unilaterally.

Not surprisingly, during and after the break-up the use of the system became a bit more diffuse. Which new countries continued its use and which, wholeheartedly, did not? The two successor states of the old SFR Yugoslavia, the FR Yugoslavia (from 1992), and later the union of Serbia & Montenegro (from 2003), continued its use unabated. The air force of the Republika Srpska (Serbs in Bosnia & Hercegovina), which relied entirely on military support of the FR Yugoslavia, also used it, until its dissolution and integration in the Bosnia & Hercegovina Air Force & Air Defence Brigade in 2006. It can be guessed that other Serb forces, like the Republic of Serbian Krajina (Serbs in Croatia) used it as well. Until their dissolution in 1995, that is.

After the break-up of the union of Serbia & Montenegro in two separate states in June 2006, the designation system

is still used by the Serbian Air Force & Air Defence. Recent allocations for newly delivered types prove the system is very much alive!

Serials, a connection or not?

The Yugoslav Air Force & Air Defence used five-digit serials for its aircraft, as does its Serbian equivalent today. In some cases, the first two digits of the serials are the same as the digits of basic designation, like L-17K 17126, L-18 18101, V-53 53235 etc.

The connection between serial and designation is limited to the range of the designation for attack aircraft (serials in the 2xxxx-range, designations in the J-2x range) and transports (serials in the 7xxxx range, designations in the T-7x range) which can hardly be purely coincidental. For types of helicopters, as with older MiG-21 versions there seems to be no connection between serial and designation, i.e. HT-40 12411, L-15 22823 etc.

However, as late as recently, serials of helicopters appear to be related not to the designation system, but to the common designation of the type, with H145Ms serialled from 14501, and Mi-35M from 35101.... Not one theory seems to hold here!



Late 2003, N-60 Galeb 23252 was the last one in use by VOC, the air force of Serbia & Montenegro's flight test centre. It wore the colours of the successor state of Yugoslavia, during a visit to Batajnica. (30 December 2003, Erwin van Dijkman)

Designations

Below is a list of aircraft types and their known designations (* means type active as per 2021).

basic	deviation	full common type	remarks
L-12	L-12	MiG-21F-13	
	NL-12	MiG-21U-400	
	NL-12M	MiG-21U-600	modified (modivikovani)
L-14	L-14	MiG-21PFM	
	L-14I	MiG-21R	initially designated L-14R
	NL-14	MiG-21US	
	NL-14M	MiG-21UM	early version of the MiG-21UM delivered with the MiG-21Ms
L-15	L-15	MiG-21M	
	L-15M	MiG-21MF	with LOROP-modification
L-16	NL-16	MiG-21UM	
	NL-16š	MiG-21UM	š for školski (trainer) after being disarmed in 1997 under Florence treaty
L-17	L-17	MiG-21bis (75B)	
	L-17K	MiG-21bis (75BP)	unofficially bis-K
L-18	L-18 *	MiG-29 (9-12B)	originally delivered to Yugoslavia
	L-18 *	MiG-29 (9-12)	same designation for ex-Russian 9-12 version
	L-18 *	MiG-29 (9-13)	same designation for ex-Belarussian and ex-Russian 9-13 version
	NL-18 *	MiG-29UB (9-51B)	originally delivered to Yugoslavia
	NL-18 *	MiG-29UB (9-51)	same designation for ex-Russian 9-51 version
J-20	J-20	P-2 Kraguj	



Traces of camouflage paint, as well as a green engine cover and spinner, signs of a different time on this UTVA-75 (N-53) 53153 in use with the air force of Serbia & Montenegro at Bajatnica at the time. (30 December 2003, Erwin van Dijkman)

J-21	J-21	J-1 Jastreb	
	IJ-21	RJ-1 Jastreb	
	NJ-21	TJ-1 Jastreb	
J-22	J-22 *	J-2 Orao 2	
	J-22A *	J-2 Orao 2	unconfirmed designation for the 2nd and 3rd serial batch of J-22
	IJ-22	RJ-2 Orao 1	pre-production series without afterburners
	NJ-22 *	TJ-2 Orao 2	modified prototype exists, not known if designation will be updated
	INJ-22	RTJ-2 Orao 1	two seat pre-production series without afterburners
	INJ-22M	RTJ-2 Orao 1	with SLAR pod
H-40	HT-40 *	Mil Mi-8T	no designation for armed version known
	HT-40E *	Mil Mi-8T	locally modified for electronic warfare (elektronski rat)
H-41	HT-41	Mi-2	
H-42	HI-42 *	SA341H hera	hera = helikopter radio
	HN-42M *	SA341H gama	gama = gazela malyutka, modified (modivikovan)
	HO-42 *	SA341H	
	HSn-42	SA341H	medevac (SAR) version
H-43	HP-43	Ka-25PL	
H-44	HP-44	Mil Mi-14PL	
H-45	HI-45	SA342L-1	
	HN-45	SA342L-1 gama 2	gama = gazela malyutka
	HN-45M *	SA342L-1 gama 2	gama = gazela malyutka, modified (modivikovan)
	HO-45 *	SA342L-1	
H-46	HP-46	Ka-28	
H-47	HB-47 *	Mi-35M	combat helicopter (borbeni)
	HN-47	Mi-24V	ex Ministry of Interior
	HT-48 *	Mi-17	ex Ministry of Interior
H-48	HT-48 *	Mi-17	
H-49	HT-49 *	Mi-17V-5	
H-50	H-50B *	H145M HForce	combat version (borbeni)
	H-50S *	H145M CSAR	(C)SAR-version (spilacki)
V-50	V-50	UTVA-60H	hydroplane
V-51	V-51	UTVA-66	
V-52	V-52	UTVA-66H	hydroplane
V-53	V-53 *	UTVA-75	
	V-53M	UTVA-78	modified (modivikovan), prototype only
V-54	V-54 *	Lasta	ex N-63
	V-54P *	Lasta	prototypes (prototip)
N-60	N-60	G-2 Galeb	
	N-60M	G-2 Galeb	modified (modivikovan), prototype only?
N-61	N-61F	Zlin 526F	single seat
	N-61M	Zlin 526M	two-seat
N-62	N-62 *	G-4 Super Galeb	no designation for G-4M known
	N-62T	G-4T Super Galeb	test (test), prototypes used for tests and later for target towing
N-63	N-63	Lasta	later changed to V-54
T-70	T-70 *	An-26	



MiG-29 (9-12B) 18102 is one of the original batch of MiG-29s delivered to Yugoslavia. Different subtypes have been added to Serbia's fleet more recently, although these all are designated L-18. (Batajnica, 2 September 2012, Paul van der Linden)

This article is a modified (modivikovan) version of the original article in Dutch, published in Scramble 299, updated with information from the Yugoslav Air Force (Alexander Radic, Helion, 2020) and other (online) sources.



The Orao is one of the fruits of the Yugoslav aeronautical industry and is still in use in today's Serbia. NJ-22 25531 is seen here on the flightline of Batajnica as part of the then Serbia & Montenegro air force. (30 December 2003, Erwin van Dijkman)



Only recently, the curtain fell for Serbia's iconic MiG-21s. MiG-21UM (NL-16) 16178 is seen here in full glory during its active service life at Batajnica. (2 September 2012, Niels Quist)



Remarkably, Serbia's aeronautical industry survived the wars of the 90s, as demonstrated by Lasta 95 (V-54) 54012. About one dozen are in use in Serbia today and some have been exported to Iraq. (Batajnica, 2 September 2012, Paul van der Linden)

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Globemaster A7-MAA supported the sixth delivery batch of Qatari Rafales that left Bordeaux for Istres on 27 July for onward delivery to Tamim air base. Involved were single ships QA228 to QA230 and straggler dual Rafale DQ QA207. This leaves nine of this order. (27 July 2021, Maciej Swiderski)



Team McGuire sent C-17A 03-3125 to Geneva on 11 June 2021. (Robert Erenstein)



Covid-support to India was apparently frequently given by Belgium. Or they were too frugal to use comercial flights. Anyway, many flights with C-17s came to Oostende for us to enjoy. (10 June 2021, Dino van Doorn)



All three of the DC-10-30 firefighting aircraft with the new livery of 10 Tanker Air Carrier are seen on 3 July 2021 at McClellan Field in Sacramento, California. Tanker 910, N612AX, is departing to make a run on the East Fork Fire near Markleeville, California. Previous registrations of this Tri-holer were HS-TMB (Thai Airways International) and N239NW (Northwest Airlines and Omni Air International). (Jim Dunn)



Owned and operated by Reach Air Medical Services for Contra Costa County, California, N324RX registered EC135P3, is seen on 15 July 2021 departing the Reach maintenance facility at McClellan Field in Sacramento, California. (Jim Dunn)