

496

September 2020

Scramble



***Bastille Day 2020
Long live the Queen - part 2
Haitian headache files - part 1***

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



We know about the famous seaplane bases in the US, Maldives, etc., but who knew we have similar spots over here in Europe? Jan Zocher is one of them, because he took this stunning image of Nordic Seaplanes DHC-6 OY-NSA in the Aarhus Harbour on 30 July 2020.



This PC-24 (SE-RVA, msn 186) of the Swedish Air Ambulance (Kommunalförbundet Svenskt Ambulansflyg, KSA) was first seen on 15 July 2020 at Stans, by Stephan Widmer, while performing a compass swing before the last pre-flight tests.



This Pilatus PC-6 will soon start flying for Skydive Bavaria from a small airfield called Thalmässing - Waizenhofen, Germany, just south of Nuremberg. As you can see (how can you not?) both its current (N752AK) and new (D-FARO) registration are clearly visible. (Thalmässing - Waizenhofen, 5 August 2020, Frank Schuchardt)

Editorial

Another COVID-edition of Scramble, meaning we kept our social distance while putting this issue together. And we start with a big announcement!

On Wednesday 26 August we introduced our renewed website, www.scramble.nl. The newly designed site is part of our extensive Scramble 2020 project: in addition to a fresh new look for the website, this is also the start of a new course that we as a society are going to take.

The most visible change will be the Scramble news sections, that we will be publishing via Scramble 2020 from now on.

Many of you, currently our more than 92,000 social media followers worldwide), are already familiar with this mainstream activity, which we started late 2017.

From Monday 14 September 2020, Scramble 2020 will only publish the headlines and accompanying photo on social media. These messages are provided with a link that leads you directly to the military or civilian news items.

A dedicated team, led by IT guru Bjorn Claes, worked tirelessly to get everything looking as good as possible and for the migration to go as flawlessly as possible.

However, as with any major change, our migration too knew a few hiccups along the way. Hopefully, by the time you read this, most issues will have been resolved, but in the coming months you may still find that things are not working correctly. If you do please let us know!

On to the current issue. We have a new editor in the ranks: Hans Jacobs will join the military team and will take Singapore, Brunei and Malaysia under his wings.

Cover Photo



Between hope and fear... While a major airline has almost its entire fleet of the world's largest passenger aircraft sitting in storage, the demand for cargo flights is maxing out, as demonstrated by a departure of the world's largest operational aircraft, the An-225 freighter. (Châteauroux, 3 August 2020, Gerben Hazebroek)

We have three articles for your reading pleasure: Long live the Queen! (part 2), From the Haitian headache files Part one: 1942-1964 and Une Nation engagé, unie et solidaire. That last one is a nice overview of the most recent and famous Bastille Day, held every year on Quatorze Julliet (14 July, for those who do not read French).

Important dates

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



Movements Netherlands

The Westair Aviation fleet consists of more than thirty aircraft. Westair Aviation's first scheduled passenger flight took place on 24 June 2019. Based in Namibia, aircraft operated by the company are rarely seen in Europe. ERJ145LR V5-WEC was delivered to the company in 2019. (Amsterdam - Schiphol, 11 July 2020, Pino Tome)

Amsterdam - Schiphol

June 2020				YL-LCL	A320-214	Smartlynx (a/w)	dep ART8422
15.D-ALEV	B757-28AF	DHL	f/v BCS3319/1391	03.ZZ330	Voyager KC2	10/101sq	RRR2188
July 2020				9H-AMY	CL-850	Air X Charter	04 AXY308/406
01.9A-JSD	Ce525A	Jung Sky	JSY302D/303D	9H-ELI	Ce750	Luxwing	dep LWG901
9H-JLK	Falcon 7X	TAG Aviation Malta	dep TEU11	A7-ALO	A350-941	Qatar Airways	f/v QTR273/4
9H-VCL	CL-350	VistaJet Malta	VJT418	C-FGEO	B787-9	Air Canada	04 ACA7212/3
A6-EPV	B777-31HER	Emirates	f/v UAE147/8	CS-LAM	Global 5000	EJME (Portugal)	04 JME502M
D-CHRA	Ce525C	E-Aviation	EFD4A	D-ACJJ	ERJ190LR	WDL Aviation (a/w)	AFR1336/7
F-HGPG	Ce525	Valljet	f/v VLJ468H	D-CGAA	Ce560XLS+	Air Hamburg	AHO429A/322J
G-CKUB	Ce560XLS+	Air Charter Scotland	EDC583	D-COZY	EMB505	Luxaviation Germany	05 LXG30Y
G-ERFX	ERJ135BJ	Sirio UK	dep FLJ511	D-CTOR	EMB505	Luxaviation Germany	LXG55OR
G-FFFC	Ce510	Synergy Aviation	SYG945	D-IAAS	EMB500	Arcus Air	AZE49IC/411C
G-SIRS	Ce560XL	Luxaviation UK	LNx63RS	D-ISLT	Ce525A	Sylt Air	04 AWU903K/904K
HA-KAM	ATR42-320F	Fleet Air	dep FRF801	F-HEVL	EMB505	Evolem Aviation	EVL031/2
N335QT	A330-243F	Avianca Cargo	TPA4047/6	F-HRFL	Falcon 2000LX	Dassault Aviation	04 2x
N708JH	G550	US Department of Justice	dep	G-HCSA	Ce525A	Bookajet	dep
OH-TRG	PC-12/47E	Hendell Aviation		G-HCSA	Ce525A	Bookajet	08
OO-JAV	B737-8K5	TUI Belgium	dep TFL235	G-ZBJH	B787-8	British Airways	f/v BAW430/1
OO-TNB	B737-8K5	TUI Belgium	dep TFL627	LN-SOV	Ce680	Sundt Air	MDT11
OO-TNB	B737-8K5	TUI Belgium	03 TFL628P/691	N336QT	A330-243F	Avianca Cargo	TPA4047/6
OO-TUV	B737-86J	TUI Belgium	dep TFL245	OK-PBT	Ce525A	Queen Air	QNR25A
OO-TUV	B737-86J	TUI Belgium	02 TFL246P/295	OO-GLM	Ce680	Air Service Liège	06
OO-XLS	Ce560XLS+	Air Service Liège	dep	OO-PRM	Ce510	Air Service Liège	
OO-XLS	Ce560XLS+	Air Service Liège	04	OO-TNB	B737-8K5	TUI Belgium	04 TFL692/625
PT-MUD	B777-32WER	LATAM	02 TAM9550	OO-TUV	B737-86J	TUI Belgium	05 TFL296P/231
PT-MUJ	B777-32WER	LATAM	dep TAM9556	PT-MUD	B777-32WER	LATAM	TAM9551
SE-RRH	B737-8JP	Norwegian	div NAX1792	SP-ENU	B737-83N	Enter Air	ENT54YX/52LM
SP-ENU	B737-83N	Enter Air	dep ENT54AZ	TC-JZT	B737-8JP	AnadoluJet	f/v THY7800/1
VP-BJO	B777-35EER	Nordwind Airlines	f/v NWS9132/43	VP-BJO	B777-35EER	Nordwind Airlines	NWS9144/9051
02.9H-VFB	CL-605	VistaJet Malta	03 VJT598	04.ZZ343	Voyager KC2	Voyager KC2	10/101sq
A7-ANF	A350-1041	Qatar Airways	f/v QTR273/4	D-CHIC	EMB505	Air Hamburg	05 AHO416F
C-GEGI	A330-343E	Air Canada	ACA7214/7	D-CMDH	Ce680	E-Aviation	EFD6H
D-ADCL	G550	DC Aviation	dep DCS101	D-CTOR	EMB505	Luxaviation Germany	LXG55OR
D-CAWO	Ce560XLS+	Aerowest		D-IAAS	EMB500	Arcus Air	AZE79BE/71BE
F-WTTN	A330-941	Airbus	f/v 03 AIB101/2	F-HBDX	EMB505	Jetkey	KBD216
G-GHSV	Beech B200	Lyddair	LYD01AP/01B	G-PRFX	ERJ135BJ	Sirio UK	FLJ612
G-PRFX	ERJ135BJ	Sirio UK	f/v 03 FLJ612	LX-NEW	PC-12/47E	Jetfly Aviation	JFA62A/71U
LX-PCC	PC-24	Jetfly Aviation	JFA31T/32U	M-IFFY	Ce510	Xead Aviation	dep
M-ILLA	Beech 400XP	Sunshine Aviation	03	N915TB	G450	FlightWorks	dep
N29DE	Cirrus SF50	Deny Airlines	dep	OE-FFB	Ce510	GlobeAir	GAC158L/936N
N708JH	G550	US Department of Justice		OK-OBR	Ce510	Aero Partner	DFC5JN
N12010	B787-10	United Airlines	03 UAL2811/2786	OK-PHM	EMB505	CTR Group	
OE-FPP	Ce510	GlobeAir	GAC936M/167R	OO-JWB	PC-12/47E	NextGen Aviation	
OE-FPP	Ce510	GlobeAir	03 GAC402D/904L	OO-MMT	Ce560XLS	Air Service Liège	dep
OE-IFB	B747-4B5ERF	ASL Airlines Belgium	05 TAY914E	OO-TNB	B737-8K5	TUI Belgium	06 TFL626/217
OO-ABD	A340-313E	Air Belgium	SLM994/3003	OO-VMF	Ce560XLS+	Air Service Liège	
OO-SBO	Falcon 8X	Flying Group	FYG302/44S	PT-MUI	B777-32WER	LATAM	05 TAM9554
PR-AIU	A330-243	Azul	dep AZU9751	SE-RMB	Ce525B	Svenskt Industriflyg	05 2x
PT-MUE	B777-32WER	LATAM	04 TAM9552	YL-LCS	A320-214	Smartlynx (a/w)	07 MYX510/ART8321
PT-MUJ	B777-32WER	LATAM	TAM9557	05.9H-JLK	Falcon 7X	TAG Aviation Malta	06 TEU11
SE-RMB	Ce525B	Svenskt Industriflyg	dep	C-GFMX	DHC-8-315	PAL Aerospace	07 SPR315
SE-RMB	Ce525B	Svenskt Industriflyg	03	D-BAHD	Falcon 2000LX	MHS Aviation	11 MHV20Y
SP-OSA	Ce680	Jet Story	03 JD191Z	C-GECC	A330-343E	Air Canada	ACA7214/7
TC-JKU	B737-8Q8	AnadoluJet	f/v THY7768/9	D-CGAA	Ce560XLS+	Air Hamburg	06 AHO465R
				D-IGWT	Ce525A	Sylt Air	06 AWU705G/706G
				N330QT	A330-243F	Tampa Cargo	06 TPA4047/6

OK-NFU	ATR72-212A	Czech Airlines	CSA616/7	D-CQAB	Lj45	Quick Air	QAJ1502
OO-MMT	Ce560XLS	Air Service Liège	07	D-IAAD	EMB500	Arcus Air	10 AZE41QN/99X
OO-TUV	B737-86J	TUI Belgium	09 TFL232P/115	D-ICBA	Ce525A	ProAir	10
PT-MUE	B777-32WER	LATAM	TAM9553	D-IWIR	Ce525A	Excellent Air	10 ECA4C
VP-BJO	B777-35EER	Nordwind Airlines	06 NWS9052/9419	EC-KRN	G200	EJME (Portugal)	10 JME210N
VP-BJP	B777-367ER	Nordwind Airlines	f/v NWS9056/7	EC-LZO	B767-35DER	Privilege Style	PVG675P/6975
YU-PNK	Ce560XLS+	Air Pink	06	EI-GTF	ERJ190LR	British Airways	f/v
06.A6-EQC	B777-31HER	Emirates	f/v UAE147/8	G-ZBJD	B787-8	British Airways	BAW430/1
D-ACJJ	ERJ190LR	WDL Aviation (a/w)	AFR1336/7	HB-JOE	G550	ExecuJet Europe	10 VCN121
D-CAHO	Ce560XLS+	Air Hamburg	07 AHO328V	M-SSYS	Ce525C	Fimway	14
D-CQAC	Lj45	Quick Air	QAJ4955	N29DE	Cirrus SF50	Deny Airlines	10
D-IOHL	Ce525A	Excellent Air	ECA3C	N2135U	B777-322ER	United Airlines	f/v UAL2810/1
F-HAOD	Falcon 900EX	Dassault Aviation	f/v DSO6M0	N2138U	B777-322ER	United Airlines	f/v UAL2768/7
G-LEAX	Ce560XLS	Luxaviation UK	LNx85AX	OO-ABD	A340-313E	Air Belgium	SLM994/3003
M-FROG	Raytheon 390	Sam Sports & Marketing	07	OO-TUV	B737-86J	TUI Belgium	10 TFL116P/CND921P
N513SN	MD-11F	Western Global (a/w)	WGN3366/7	OY-MGA	Falcon 2000LX	Air Alsie	MMD6887
OE-FPP	Ce510	GlobeAir	07 GAC698S/825X	PT-MUC	B777-32WER	LATAM	TAM9557
OO-TNB	B737-8K5	TUI Belgium	08 TFL218/627	PT-MUE	B777-32WER	LATAM	11 TAM9552
PT-MUC	B777-32WER	LATAM	08 TAM9556	SE-RMB	Ce525B	Svenskt Industriflyg	10
PT-MUI	B777-32WER	LATAM	TAM9555	TC-LLK	B787-9	Turkish Airlines	f/v THY1951/2
SE-RIL	Ce560XLS	Svenskt Industriflyg	07 JET7	V5-WEC	ERJ145LR	West Air Aviation	f/v 11 WAA148/9
SP-WAA	CL-350	Jet Story	f/v 07 JDI22R	VP-BJP	B777-367ER	Nordwind Airlines	10 NWS9061/59
YL-LCL	A320-214	Smartlynx (a/w)	08 ART8425/9471	10.C-FGDZ	B787-9	Air Canada	11 ACA7212/3
07.9H-VJJ	Global 6000	VistaJet Malta	14 VJT827	D-ACJJ	ERJ190LR	WDL Aviation (n/t)	AFR1336/7
D-CAWO	Ce560XLS+	Aerowest		D-CQAB	Lj45	Quick Air	QAJ1502
D-IGWT	Ce525A	Sylt Air	08 AWU707G/708G	D-IFAS	DA42	Franconia Air Service	
D-ISJP	Ce525A	Excellent Air	08 ECA1C	D-ICBA	Ce525A	ProAir	11
EC-JQE	G200	Executive Airlines		F-HBDX	EMB505	Jetkey	11 KBD216
F-GLTK	Ce550	Valljet	VLJ36AP/244E	G-CKUB	Ce560XLS+	Air Charter Scotland	EDC561
F-HEMI	Ce525A	Valljet	VLJ593X	G-HCSA	Ce525A	Bookajet	11
G-LEAX	Ce560XLS	Luxaviation UK	08 LNx85AX	N330QT	A330-243F	Tampa Cargo	TPA4047/6
I-FORR	Lj40	Avionord	VND6201/2	N430HP	PA-46-350P		f/v
LN-SOV	Ce680	Sundt Air	MDT11	OE-FOG	Ce510	GlobeAir	GAC789N/678P
OO-ABD	A340-313E	Air Belgium	SLM3004/993	OE-FZA	Ce510	GlobeAir	11 GAC523J/301L
VP-BJP	B777-367ER	Nordwind Airlines	NWS9058/9	OO-TUV	B737-86J	TUI Belgium	11 CND9212/TFL277
08.9H-JLK	Falcon 7X	TAG Aviation Malta	10 TEU11	PT-MUD	B777-32WER	LATAM	TAM9551
A7-BCF	B787-8	Qatar Airways	QTR7457/8	SE-RFH	Ce680	EFS	EUW903/9610
D-AIRG	ERJ135BJ	Air Hamburg	AHO880S	SE-RMB	Ce525B	Svenskt Industriflyg	11
D-BFIL	EMB545	Atlas Air Service	ATL8F	11.9H-JOY	CRJ200ER	Air X Charter	AXY1116/7
D-CAHO	Ce560XLS+	Air Hamburg	09 AHO328V/452U	D-ANGB	CL-604	MHS Aviation	12 MHV64B
D-IAAD	EMB500	Arcus Air	AZE29ZA/21ZA	D-ISLT	Ce525A	Sylt Air	AWU911K
D-IEMO	Raytheon 390	Projet	10	F-HASJ	Ce510	Aston Jet	ASJ658
F-GLTK	Ce550	Valljet	VLJ244E/36AP	G-FFFC	Ce510	Synergy Aviation	SYG963
F-HIVA	Ce525	Valljet	VLJ468H	G-WLKR	EMB550	Air Charter Scotland	EDC632E
G-ZBJI	B787-8	British Airways	f/v BAW430/1	N509DN	A350-941	Delta Air Lines	CMB506
N336QT	A330-243F	Avianca Cargo	TPA4047/6	N919NE	Falcon 7X	Planet Nine Private Air	f/v
N498YY	Ce525	Skyhigh Aviation	09	OE-FHK	Ce510	GlobeAir	GAC238A/569F
N27901	B787-8	United Airlines	f/v UAL70/1	OO-JWB	PC-12/47E	NextGen Aviation	
OE-FNP	Ce510	GlobeAir	GAC301K/894B	OO-MMT	Ce560XLS	Air Service Liège	13
OK-GFS	ATR72-212A	Czech Airlines	CSA616/7	OO-TUV	B737-86J	TUI Belgium	TFL278/625
OO-TNB	B737-8K5	TUI Belgium	12 TFL628/231	OO-TUV	B737-86J	TUI Belgium	13 TFL626/619
OO-XLS	Ce560XLS+	Air Service Liège	09	PT-MUI	B777-32WER	LATAM	12 TAM9554
PT-MUD	B777-32WER	LATAM	09 TAM9550	SE-RMB	Ce525B	Svenskt Industriflyg	13
SE-RMB	Ce525B	Svenskt Industriflyg	09	SP-TAT	Beech 400A	Smart Jet	SAH26P
YL-LCS	A320-214	Smartlynx (a/w)	09 ART8322/9323	SP-VIS	Cirrus SF50		f/v
09.3A-MIC	Ce510	Michel Delauzun	f/v 10	12.C-FVLQ	B787-9	Air Canada	ACA7214/7
C-GEFA	A330-343E	Air Canada	ACA7214/7	D-IWIR	Ce525A	Excellent Air	ECA4C



Embraer 195LR SP-LNC was delivered to LOT in August 2011. The aircraft has been operated in these Sliwka Naleczowska colours since October 2019. (Amsterdam - Schiphol, 12 July 2020, Marco Bijmans)



Korean began operating the Boeing 787 to the Netherlands on 21 July 2020. HL8085 was delivered to the airline in December 2017. (Amsterdam - Schiphol, 23 July 2020, Patrick Speters)

D-IWIR	Ce525A	Excellent Air	13 ECA4CA/48D	N331QT	A330-243F	Tampa Cargo	TPA4047/6
G-HCSA	Ce525A	Bookajet	17	OE-FBD	Ce510	GlobeAir	16 GAC956V/072J
HZ-ARG	B787-9	Saudia	f/v SVA215/6	OE-FZB	Ce510	GlobeAir	16 GAC678Q/719N
N332QT	A330-243F	Avianca Cargo	TPA4047/6	OE-GCH	Ce550	Speedwings	16 SPG891
N604BA	CL-604	B&A Constructor		OE-ISB	A321-251NX	EasyJet	f/v 29 EJU9040/3
OE-FWF	Ce510	GlobeAir	GAC450Y/238B	OH-TFA	EMB505	Hendell Aviation	
OO-TNB	B737-8K5	TUI Belgium	13 TFL232/217	OO-XLS	Ce560XLS+	Air Service Liège	17
OO-XLS	Ce560XLS+	Air Service Liège	14	OY-APM	G450	Maersk Air	
PT-MUE	B777-32WER	LATAM	TAM9553	PH-WTC	Falcon 2000S	Cartier Europe	
SE-RFL	Ce680	EFS	EUW9601/2	16.D-CNMB	Lj45	ASL Airlines	MHV45B
13.9H-FOM	EMB500	Luxwing	LWG592/3	D-IAAW	EMB500	Arcus Air	17 AZE61JA/62JA
D-AFBS	ERJ135BJ	Air Hamburg	15 AHO8805/818Q	D-IERF	Ce525	ProAir	2x
D-CDCM	Ce560XLS+	Air Hamburg	AHO453R	D-ILOU	Ce525A	Sylt Air	AWU116A
D-CNMB	Lj45	ASL Airlines	14 MHV45B	EC-NEI	B787-9	Air Europa	AEA1091/8/3/4
D-IAAT	EMB500	Arcus Air	14 AZE51DQ/59ZU	G-SIRS	Ce560XL	Luxaviation UK	LNK33RS
D-ISJP	Ce525A	Excellent Air	ECA1C	G-ZBJG	B787-8	British Airways	f/v BAW430/1
EC-NIX	A320-271N	Vueling	f/v VLG8366/7	M-FLCN	Falcon 2000EX	Omega Aviation	f/v
G-MEGN	Beech B200	Dragonfly Aviation	CBM88	N29DE	Cirrus SF50	Deny Airlines	17
N509DN	A350-941	Delta Air Lines	CMB506	N129NS	G-IVSP	Global Air Charters	20 GJE1209
OE-FZE	Ce510	GlobeAir	GAC067G/956U	N406KZ	B747-4KZF	Atlas Air (a/w)	f/v GT15219/8185
OE-FHA	Ce510	GlobeAir	14 GAC456E/345F	N625GA	G650ER	Gulfstream Aerospace	f/v
OH-TFA	EMB505	Hendell Aviation		OO-ABA	A340-313E	Air Belgium	SLM994/3003
OO-PRM	Ce510	Air Service Liège		OO-TUV	B737-86J	TUI Belgium	TFL236/115F/
OO-TNB	B737-8K5	TUI Belgium	17 TFL218/189	OO-TUV	B737-86J	TUI Belgium	18 TFL116/625
OO-TUV	B737-86J	TUI Belgium	15 TFL620/235	OY-SWO	Falcon 2000S	Blackbird Air	17 BBB5
PT-MUC	B777-32WER	LATAM	15 TAM9556	PT-MUC	B777-32WER	LATAM	TAM9557
PT-MUI	B777-32WER	LATAM	TAM9555	PT-MUI	B777-32WER	LATAM	18 TAM9552
SX-NEA	A320-271N	Aegean Airlines	f/v AEE624/5	TC-LLJ	B787-9	Turkish Airlines	f/v THY1951/2
14.D-CDCM	Ce560XLS+	Air Hamburg	16 AHO453R/384X	VP-BGM	CL-605	Elit'Avia	19
D-CHIP	Ce525B	E-Aviation	15 EFD3P	17.9H-JLK	Falcon 7X	TAG Aviation Malta	TEU11
D-CSCA	Ce525B	Silver Cloud Air	SCR378	9H-VCE	CL-350	VistaJet Malta	18 VJT474
D-IHEB	Ce525	Silver Cloud Air	SCR064	A7-CEE	Global 5000	Qatar Executive	f/v 18 QQE561
D-IMEP	Beech C90GTx	Beechcraft Vertrieb	15	C-FVLV	B787-9	Air Canada	18 ACA7212/3
D-IPPY	P180	AirGo	15 XGO6AM/4EO	D-ACJJ	ERJ190LR	WDL Aviation (a/w)	AFR1336/7
D-ITAN	Ce525	Transavia Flug	2x	EC-NFM	B787-9	Air Europa	AEA1093/4
EC-NIY	A320-271N	Vueling	f/v VLG8302/3	G-ZNTJ	Lj75	Zenith Aviation	BZE03A/B
N66D	Ce510	Heiko Sauer	15	N171JC	G-IVSP	Global Air Charters	19 GJE76
N505DN	A350-941	Delta Air Lines	DAL8956/7	N604BA	CL-604	B&A Constructor	
N513SN	MD-11F	Western Global(a/w)	WGN3366/7	N29907	B787-8	United Airlines	f/v UAL2786/5
N2333U	B777-322ER	United Airlines	f/v UAL2768/7	OE-FFB	Ce510	GlobeAir	GAC099G/099H
OE-FHA	Ce510	GlobeAir	15 GAC345G/093U	OO-TNB	B737-8K5	TUI Belgium	18 TFL190/277
OK-NFU	ATR72-212A	Czech Airlines	CSA618/9	OY-APM	G450	Maersk Air	
OO-ABA	A340-313E	Air Belgium	SLM3004/993	TC-LLG	B787-9	Turkish Airlines	f/v THY1953/4
OO-MMT	Ce560XLS	Air Service Liège	20	18.A7-ANH	A350-1041	Qatar Airways	f/v QTR273/4
PH-WTC	Falcon 2000S	Cartier Europe		D-CHIP	Ce525B	E-Aviation	EFD3P
SP-TAT	Beech 400A	Smart Jet	15 SAH26P	D-IAAS	EMB500	Arcus Air	19 AZE41AL/69QE
15.9H-YOU	CL-850	Air X Charter	AXY1602/1525	EC-MLV	Ce680	Gestair	GES541V
C-FVLQ	B787-9	Air Canada	16 ACA7214/7	G-ZNTJ	Lj75	Zenith Aviation	19 BZE03B
D-ACJJ	ERJ190LR	WDL Aviation (n/t)	AFR1336/7	HB-IVJ	G650	ExecuJet Europe	VCN1
D-AFAN	CL-850	FAI rent-a-jet	IFA6158/6171	N332QT	A330-243F	Avianca Cargo	TPA4047/6
D-AFAN	CL-850	FAI rent-a-jet	19 IFA6171	N333AR	SR22		f/v 19
D-CQAC	Lj45	Quick Air	17 QAJ3880	N504DN	A350-941	Delta Air Lines	CMB579
F-HVYC	Ce560XLS+	Lyreco	16	OE-FZD	Ce510	GlobeAir	GAC375B/264C
G-ZBJB	B787-8	British Airways	f/v BAW430/1	OO-TNB	B737-8K5	TUI Belgium	19 TFL278/193
HA-KAM	ATR42-320F	Fleet Air	FRF800/1	OO-TUV	B737-86J	TUI Belgium	20 TFL626/513
HA-TAD	Saab 340A	Fleet Air	FRF200/1	OO-XLS	Ce560XLS+	Air Service Liège	19
N91JS	G-IVSP		17 WWI91	SE-RMB	Ce525B	Svenskt Industriflyg	21

SP-ATT	Beech 400A	Smart Aero Solutions	19 SAH48P	G-POWH	B757-256	Titan Airways	23 AWC686Y/861
19.9H-FFF	Ce650	Luxwing	25 LWG1402/1	G-ZBKR	B787-9	British Airways	f/v BAW430/1
B-2001	B777-39PER	China Eastern	f/v 20 CES771/2	M-IFFY	Ce510	Xead Aviation	23
C-FVLQ	B787-9	Air Canada	ACA7214/7	N331QT	A330-243F	Tampa Cargo	TPA4047/6
D-CAWX	Ce680	Aerowest		N818GC	G450	Gaw Capital USA	31
D-CDAS	EMB505	DAS Private Jets		OE-FZD	Ce510	GlobeAir	GAC818F/707G
D-CHIC	EMB505	Air Hamburg	20 AHO271R	OO-ACO	Ce510	Air Service Liège	
D-CKJM	Ce560XLS+	Air Hamburg	20 AHO465R/334Z	OO-ACO	Ce510	Air Service Liège	23
D-IHKW	Ce525	ProAir		OO-TUV	B737-86J	TUI Belgium	23 TFL628/JAF063P
D-ILOU	Ce525A	Sylt Air	20 AWU119A/120A	23.D-AHOI	ERJ135BJ	Air Hamburg	24 AHO678D/835C
D-ITIP	Ce525	Star Wings	STQ222	D-CMDH	Ce680	E-Aviation	EFD6H
ES-PHR	BAe125-750	Panaviatic	VPC5	D-FIBI	PC-12/47		25
N330QT	A330-243F	Tampa Cargo	TPA4047/6	D-IGWT	Ce525A	Sylt Air	24 AWU723G/724G
OE-FCB	Ce510	GlobeAir	GAC286B/593J	D-IUVH	Ce510	Haacke LTIF	24
OE-FWF	Ce510	GlobeAir	GAC455G/441Z	F-HNJM	SR22	Astonfly	f/v 24
OK-HWL	BAe125-900XP	CTR Group		G-ZBJG	B787-8	British Airways	BAW430/1
OO-TNB	B737-8K5	TUI Belgium	20 TFL194P/7367	HL8085	B787-9	Korean Air	f/v KAL925/6
OO-VMF	Ce560XLS+	Air Service Liège	21	OE-FRM	Ce510	GlobeAir	24 GAC707H/561L
OO-XLS	Ce560XLS+	Air Service Liège	23	OE-FZD	Ce510	GlobeAir	GAC083S/972T
PR-ANY	A330-941	Azul	20 AZU9758/10	OK-TVV	B737-86N	Smartwings	TVS4313/431F
PT-MUI	B777-32WER	LATAM	TAM9553	OO-ABE	A340-313E	Air Belgium(a/w)	SLM994/3003
20.9H-JLK	Falcon 7X	TAG Aviation Malta	24 TEU11	OO-VMF	Ce560XLS+	Air Service Liège	
9H-VCF	CL-350	VistaJet Malta	VJT486	OO-XLS	Ce560XLS+	Air Service Liège	29
CS-LPA	EMB505	EJME Aircraft Mgmt	JME306A	SX-DNF	A321-231	Aegean Airlines	f/v AEE624/5
D-AAHB	Global Express	MHS Aviation	21 MHV1B	24.018	C295M	8.BLTr (13.el)	PLF282
D-ACJJ	ERJ190LR	WDL Aviation (n/t)	AFR1336/7	9A-CQF	DHC-8-402Q	Croatia Airlines	CTN450/1
D-CSCE	EMB505	Luxaviation Germany	21 LXG55CE	9H-VCC	CL-350	VistaJet Malta	25 VJT426
D-IOHL	Ce525A	Excellent Air	21 ECA3C	9H-VFF	CL-605	VistaJet Malta	VJT551
HB-VPO	EMB505	Enjoy Air/Air-Glaciers	21 SPG935/67	C-FNOG	B787-9	Air Canada	25 ACA7212/3
LN-WEC	ERJ190E2STD	Widerøe	f/v WIF8661/7661	D-ACJJ	ERJ190LR	WDL Aviation (nt/t)	AFR1336/7
N513SN	MD-11F	Western Global(a/w)	WGN3366/7	D-AVAN	ERJ135BJ	Baden Aircraft Ops	BAO450N
OO-MMT	Ce560XLS	Air Service Liège	25	D-CMDH	Ce680	E-Aviation	EFD6H
21.607	Falcon 7X	MH 59. Sz. D. R	f/v HUA603	EC-NGP	A321-251NX	Iberia Express	f/v IBS3722/3
9H-VJT	Global 6000	VistaJet Malta	22 VJT938	G-MEGN	Beech B200	Dragonfly Aviation	CBM88
CS-LPA	EMB505	EJME Aircraft Mgmt	JME306A	OK-PBK	Ce525B	Queen Air	QNR25B
D-IAAT	EMB500	Arcus Air	22 AZE51M/52MI	OO-TNB	B737-8K5	TUI Belgium	25 TFL190/277
HB-VPO	EMB505	Enjoy Air/Air-Glaciers	SPG967/9	OY-CRJ	CRJ200LR	Copenhagen Air Taxi	25 CAT5399
HL8082	B787-9	Korean Air	f/v KAL925/6	OY-NDP	Ce525A	Greybird Aviation	25 BBB44P/44
N29DE	Cirrus SF50	Deny Airlines	22	TC-JZN	B737-8JP	Turkish Airlines	f/v THY7800/1
OE-FFB	Ce510	GlobeAir	GAC523D/286C	YU-SCJ	Ce525	Prince Aviation	PNC9CJ
OE-FHK	Ce510	GlobeAir	GAC745B/523E	25.9M-MTZ	A330-223	Malaysia Airlines	f/v 26 MAS8298/9
OE-HOH	Ce750	Avcon Jet	f/v 22 AOJ71H	D-CMDH	Ce680	E-Aviation	26 EFD6H
OO-ABE	A340-313E	Air Belgium(a/w)	SLM3004/993	D-CROG	EMB505	Air Hamburg	AHO278J
OO-SBO	Falcon 8X	Flying Group	FYG83S/41S/42S/24S	D-IAAY	EMB500	Arcus Air	26 AZE12DQ/19FE
OO-TNB	B737-8K5	TUI Belgium	24 TFL7368/189	D-IGWT	Ce525A	Sylt Air	26 AWU725G/726G
OO-TUV	B737-86J	TUI Belgium	22 TFL514P/627	ES-PHR	BAe125-750	Panaviatic	26 VPC5
P4-KGB	A321-271NX	Air Astana	f/v ZKR903/4	F-HENE	HA-420	EATIS	
PR-ANY	A330-941	Azul	22 AZU9711/59	G-POWH	B757-256	Titan Airways	AWC862/686W
SE-RMB	Ce525B	Svenskt Industriflyg	30	HB-VPO	EMB505	Enjoy Air/Air-Glaciers	SPG991
YU-TBA	Ce560XLS+	Swisslion	22	HL7207	B787-9	Korean Air	f/v KAL925/6
22.C-FVLQ	B787-9	Air Canada	23 ACA7214/7	LX-VMF	Ce560XL	Luxaviation	dep LXA15P
CS-DGR	Ce650	Air Jet Sul	AJU651	M-OBIL	Ce525C	Ulla Popken Fashion	
D-CNNN	Ce560XLS+	DC Aviation	23 DCS705	N152QS	Global 6000	Netjets	26
D-IHKW	Ce525	ProAir		N332QT	A330-243F	Avianca Cargo	TPA4047/6
D-IJET	P180	AirGo	23 XGO6AM/4GS	OE-FHA	Ce510	GlobeAir	26 GAC048T/450N
EI-HEC	A330-322F	ASL Airlines / DHL	f/v BCS1239	OE-HOH	Ce750	Avcon Jet	AOJ71H
F-HATV	Ce680A	Aston Jet	ASJ536	OO-MMT	Ce560XLS	Air Service Liège	arr



OE-1SB is one of four A321neo's currently being operated by easyJet Europe. (Amsterdam - Schiphol, 15 July 2020, André Schmidt)



Delivered in June 2008 to Industrial Maintenance Services as N424AG this Cessna 208B was recently sold to a Europe based company called Dancing on a Dream. The aircraft made a trip from Gloucestershire to Newcastle via Rotterdam still in the colours and with the logo of its previous operator. (Rotterdam - The Hague, 16 July 2020, John de Goede)

OO-TNB	B737-8K5	TUI Belgium	26 TFL278/193	D-CSUN	Ce560XLS+	Air Hamburg	31 AHO334Z/424U
OY-CRJ	CRJ200LR	Copenhagen Air Taxi	CAT539B/C	D-ILOU	Ce525A	Sylt Air	31 AWU130A/131A
SP-TAT	Beech 400A	Smart Jet	26 SAH26P	G-ZBJH	B787-8	British Airways	BAW430/1
VT-ANK	B787-8	Air India	26 AIC1169/70	HL8345	B787-9	Korean Air	f/v KAL925/6
26.9A-CQE	DHC-8-402Q	Croatia Airlines	CTN450/1	N66D	Ce510	Heiko Sauer	
B-7369	B777-39PER	China Eastern	f/v 27 CES771/2	N498YY	Ce525	Skyhigh Aviation	31
C-GEGL	A330-343E	Air Canada	ACA7214/7	N2846U	B777-322ER	United Airlines	f/v UAL2810/1
CS-DGW	Ce525B	Valair	VVV111/2	OE-FNP	Ce510	GlobeAir	GAC447R/099K
D-CAWX	Ce680	Aerowest	27	OE-FOE	Ce510	GlobeAir	GAC105K/329Y
EC-MIG	B787-8	Air Europa	AEA1093/4	OE-FZB	Ce510	GlobeAir	GAC099J/257W
G-KRBN	EMB505	Saxonair	SXN30P	OK-PBK	Ce525B	Queen Air	QNR25B
G-ZNTJ	Lj75	Zenith Aviation	BZE03A/B	OO-ABE	A340-313E	Air Belgium(a/w)	SLM994/3003
HB-IVJ	G650	ExecuJet Europe	VCN1	OO-TNB	B737-8K5	TUI Belgium	31 TFL206P/189
N336QT	A330-243F	Avianca Cargo	TPA4047/6	SE-RMB	Ce525B	Svenskt Industriflyg	arr
OE-FNP	Ce510	GlobeAir	GAC744E/597N	XA-FEM	G550	Servicios Aereos	31
OO-AMR	Ce525A	Air Service Liège	27	31.9H-OPE	Global 6000	VistaJet Malta	arr VJT763
OO-GLM	Ce680	Air Service Liège	27	9H-VJM	Global 6000	VistaJet Malta	VJT850
OO-TNB	B737-8K5	TUI Belgium	TFL194/297	C-FRTU	B787-9	Air Canada	arr ACA7212
PH-GWS	Falcon 7X	Exxaero	27 XRO329	D-ACJJ	ERJ190LR	WDL Aviation (n/t)	AFR1336/7
27.D-ACJJ	ERJ190LR	WDL Aviation (n/t)	AFR1336/7	D-AEOT	ERJ135BJ	Air Hamburg	f/v AHO875B/008M
D-CBBS	EMB505	German Private Jet	28	D-AFAN	CL-850	FAI rent-a-jet	IFA6192
D-CDOC	Lj45	Jetcall	JCL2	D-BFIL	EMB545	Atlas Air Service	ATL8F
D-CMDH	Ce680	E-Aviation	EFD6H	D-CANG	Ce560XLS+	Air Hamburg	AHO392E/384C
D-INCS	Ce525	Jetkontor	JKH321	D-CFHZ	EMB505	DAS Private Jets	arr
G-HCSA	Ce525A	Bookajet	28	D-CHIC	EMB505	Air Hamburg	arr AHO238R
G-JAGA	EMB505	Luxaviation UK	28 LNX62JG	D-CRON	Ce560XLS	Silver Cloud Air	SCR762
N498YY	Ce525	Skyhigh Aviation		D-IAKN	Ce525A	Star Wings	STQ111
N513SN	MD-11F	Western Global(a/w)	WGN3366/7	EC-MPN	Ce525	Air Taxi & Charter	IBJ831A/B
OE-GJW	Lj75	Avcon Jet	f/v AOJ1JW	EC-NIA	A321-251NX	Iberia Express	f/v IBS3722/3
OK-ESC	Beech 400A	Time Air	TIE460S	G-DCMT	EMB505	Centrelire Air Charter	CLF668
OO-TNB	B737-8K5	TUI Belgium	TFL298/217	G-UZLM	A320-251N	EasyJet	f/v EZY6161/2
OO-TNB	B737-8K5	TUI Belgium	28 TFL218/291	LX-JFY	PC-12/47E	Jetfly Aviation	JFA22Y/23Z
VT-ANX	B787-8	Air India	28 AIC1171/2	LX-VMF	Ce560XL	Luxaviation	arr LXA15P
28.9H-JLK	Falcon 7X	TAG Aviation Malta	arr TEU11	M-IFFY	Ce510	Xead Aviation	arr
G-ILBG	Ce525A	Catreus	f/v 29 VCG3BG/1LB	N44CE	G-IV	Global Air Charters	arr
N29DE	Cirrus SF50	Deny Airlines	29	OE-GJW	Lj75	Avcon Jet	AOJ1JW
OH-TRG	PC-12/47E	Hendell Aviation	30	OO-TNB	B737-8K5	TUI Belgium	arr TFL190
OK-ESC	Beech 400A	Time Air	30 TIE460S	OO-XLS	Ce560XLS+	Air Service Liège	arr
OK-NFU	ATR72-212A	Czech Airlines	CSA618/9				
OO-ABE	A340-313E	Air Belgium(a/w)	SLM3004/993				
OO-AMR	Ce525A	Air Service Liège					
OO-TNB	B737-8K5	TUI Belgium	29 TFL292/245				
29.C-FNNQ	B777-333ER	Air Canada	f/v 30 ACA7214/7				
D-CDAS	EMB505	DAS Private Jets					
EC-NIJ	A320-271N	Vueling	f/v VLG8302/3				
F-HEMI	Ce525A	Valljet	VLJ355W				
F-HREX	BAe125-800XP	Valljet	VLJ695C				
G-JOTD	BAe146-300QT	Jota Aviation	f/v 30 ENZ131P/A				
G-ZBKK	B787-9	British Airways	f/v BAW430/1				
N151QS	Global 6000	NetJets	31				
N331QT	A330-243F	Tampa Cargo	TPA4047/6				
OE-FIT	Ce510	GlobeAir	30 GAC260R/048U				
OO-TNB	B737-8K5	TUI Belgium	30 TFL246/205				
OO-XLS	Ce560XLS+	Air Service Liège	31				
30.D-CAHO	Ce560XLS+	Air Hamburg	31 AHO339K/359G				

On the 1st Norwegian diverted while enroute from Oslo to Alicante to offload a passenger. Airbus sent the A330-900 prototype on the 2nd to operate a cargo flight to Panama the next day. A new fleet addition for British Airways was ferried to Warsaw via Amsterdam on the 9th, still with its Irish registration. On that same day a Namibian registered Embraer arrived for a visit. Delta operated a military charter via Amsterdam on the 11th and 18th. The easyJet Airbus arriving on the 15th remained parked till its departure on the 29th.

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

Rotterdam - The Hague

01.MM62026	Falcon 50	306° Gruppo TS	July 2020
D-CPSH	Ce560XLS+	Heron Aviation	IAM3132/3123
			HRN221

D-CWIT	Ce525C	Witron Logistic		D-ICBA	Ce525A	ProAir Aviation	
D-IAIB	Ce525	AIB Assets	03	F-HLPM	Falcon 2000LXS	Michelin Air Services	
N116MA	Lj36A	Skyline Aviation	dep	LY-LTA	BAe125-800XPi	Charter Jets	LTC601
N116MA	Lj36A	Skyline Aviation	02	OK-HAR	Ce560XL	Aeropartner	DFC2JU
OE-FSP	Ce525A	Pink Sparrow	SOW4	OK-SLX	Ce560XL	Silesia Air	SUA691/2
OO-ACC	Ce525A	Air Service Liège	arr	OO-OCA	Beech 350	Air Service Liège	10
OO-IDE	Ce525	Air Service Liège	02	10.MM62209	A319-115X	306° Gruppo TS	IAM9002
PH-VBG	Falcon 2000EX	JetNetherlands	dep	CS-GLY	Global 5000	NetJets Europe	NJE998P/258B
PH-VBG	Falcon 2000EX	JetNetherlands	09	D-CAWB	Ce680	Aerowest	12
SP-AST	Ce525	AMC Aviation	dep AMQ9T	EC-JIP	SA226TC	Flightline	FTL561/2
SP-EMA	PC-12/45	Enter Air Executive Services		OO-ACO	Ce510	Air Service Liège	13
02.CS-PHJ	EMB505	NetJets Europe	NJE9FF	PH-HVB	EC135T2+	ANWB - MAA	arr tdy
D-CLAV	EMB505	Liebherr Geschäftsreise	LHB3	PH-TTR	H135	ANWB - MAA	dep Lifeliner2
D-CWIT	Ce525C	Witron Logistic		11.D-ISJP	Ce525A	Excellent Air	13 ECA1M
N650AN	G650ER	AAAJ Holdings	03	12.CS-GLA	Global 6000	NetJets Europe	13 NJE2KX
OO-ACO	Ce510	Air Service Liège	dep	D-CMDH	Ce680	E-Aviation	13 EFD6H
OO-ACO	Ce510	Air Service Liège	10	N620CM	Ce510	Relay Securities	
OO-NMU	PA-46-350P	J & G		OO-IDE	Ce525	Air Service Liège	14
PH-FJK	Ce525B	JetNetherlands	03	OO-OCA	Beech 350	Air Service Liège	17
PH-TXA	Ce510	JetNetherlands	05	13.17401	Falcon 50	Esq504	14 AFP15
03.D-IJOA	Ce525A	Excellent Air	04 ECA8C	T.18-2/45-41	Falcon 900B	451 Esc	AME4591
G-BKJW	PA-23-250	3 Crown Cottages	dep	D-IJOA	Ce525A	Excellent Air	14 ECA8C
G-CDEB	Saab 2000	Eastern Airways	EZE932P/9320	G-GAAL	Ce560XLS+	Luxaviation UK	LNX31AL
G-KRBN	EMB505	Saxonair	04 SXN30P	OO-HCY	R44	Heli & Co	14
HB-JRJ	Global 5500	ExecuJet Europe	f/v	PH-YIS	H135	KNSF Flight Services	
N66D	Ce510	Heiko Sauer	05	SP-KHI	CL-350	Jet Story	15 JDI80H
05.D-CWIT	Ce525C	Witron Logistic		14.D-ICBA	Ce525A	ProAir Aviation	
D-IHKW	Ce525	ProAir Aviation	06	D-IOHL	Ce525A	Excellent Air	ECA3C
OK-HAR	Ce560XL	Aeropartner	DFC2JU	F-HSHB	Ce510	Flybox	
PH-FJK	Ce525B	JetNetherlands		OO-HCY	R44	Heli & Co	
06.CS-LTA	Ce680A	NetJets Europe	07 NJE199W/267N	15.H24	A109BA	1w	BAF317
CS-PHK	EMB505	NetJets Europe	NJE2CP	9H-OJP	Global 6000	Elit'Avia Malta	EAU52P
D-CPSH	Ce560XLS+	Heron Aviation	HRN221	D-CAWO	Ce560XLS+	Aerowest	
D-CWIT	Ce525C	Witron Logistic	2x	D-CWIT	Ce525C	Witron Logistic	3x
D-IAAD	EMB500	Arcus Air	AZE29VU/21VU	D-ICAO	Ce525	Lothringen Aero Service	
OO-IDE	Ce525	Air Service Liège	07	I-AVNE	Lj40	Avionord	
07.CS-LTA	Ce680A	NetJets Europe	NJE762Y/646K	OK-PBT	Ce525A	Queen Air	QNR25A
D-CWIT	Ce525C	Witron Logistic	08	OO-ACO	Ce510	Air Service Liège	16
EC-NKH	Ce680A	Global Jet Austria	08 2x	OO-IDE	Ce525	Air Service Liège	22 2x
ES-FOX	ERJ135BJ	Panaviatic	VPC11	PH-VBG	Falcon 2000EX	JetNetherlands	21
N723GH	CL-601-3A	Jet-A	10	16.CS-CHJ	CL-350	NetJets Europe	17 NJE773Y/867K
N1753S	GA-8	FSA Aviation		CS-GLA	Global 6000	NetJets Europe	NJE2KX/613F
PH-HGB	R44	HeliAir		CS-GLZ	Global 5000	NetJets Europe	17 NJE274U/3HA
SP-TTA	Beech 400A	Smart Jet	08 SAH59P	D-CAWO	Ce560XLS+	Aerowest	
08.H31	A109BA	1w	BAF317	D-CWIT	Ce525C	Witron Logistic	
D-CAMB	Lj31A	Jetcall	JCL4	D-IAHG	Ce525	Spree Flug Luftfahrt	17
D-CWIT	Ce525C	Witron Logistic	2x	G-GVOE	Falcon 8X	Jet Concierge Club	
D-IOHL	Ce525A	Excellent Air	09 ECA38D	N424AG	Ce208B	Dancing on a Dream	
EC-NKH	Ce680A	Global Jet Austria	09 2x	OO-ACO	Ce510	Air Service Liège	21
G-KRBN	EMB505	Saxonair	09 SXN30P	PH-HCH	EC120B	HeliCentre	
09.9A-JSD	Ce525A	Jung Sky	JSY092D/4D	PH-TXA	Ce510	JetNetherlands	17
CS-LTJ	Ce680A	NetJets Europe	10 NJE027T/3JF	17.CS-LTE	Ce680A	NetJets Europe	NJE483N/292E
D-BLUE	Falcon 2000LX	ACM Air Charter	BVR222	D-CSCA	Ce525B	Silver Cloud Air	SCR378
D-GVCC	DA42	Rent-A-Plane	2x	D-ICBA	Ce525A	ProAir Aviation	
D-IAAS	EMB500	Arcus Air	AZE21UF	D-ITAN	Ce525	E-Aviation	



Although registered in France as F-GFDO this Bell 206B is actually based at Vamdrup, Denmark. The helicopter is being operated by Danish Air Transport. (Rotterdam - The Hague, 17 July 2020, Cor van Gent)



Eastern Airways added this Saab 340 to its fleet in November 2004. G-CDEB was leased to British Airways for almost six years before it was leased to Skywork in April 2018. When that airline ceased operations the Saab was initially put in storage before it returned to service with Eastern Airways in these 'colours'. (Rotterdam - The Hague, 3 July 2020, Kees Hartevelde)

F-GFDO	AB206B	Danish Air Transport	DTR1	D-AFAN	CL-850	FAI Rent-A-Jet	28 IFA6193
LX-JAG	ERJ135BJ	Global Jet Luxemb.	18 SVW49AG	D-CWIT	Ce525C	Witron Logistic	
OE-HPG	CL-300	LaudaMotion Executive	LDX7C	D-GVCC	DA42	Rent-A-Plane	
PH-YIS	H135	KNSF Flight Services		OO-GLM	Ce680	Air Service Liège	arr
SE-RIL	Ce560XLS	Svenskt Industriflyg	JET7	PH-DTS	DA42	Wings over Holland	
18.D-CDOC	Lj45	Jetcall	JCL2	PH-ELP	EC135T2	ANWB - MAA	Lifeline1
D-CRON	Ce560XLS	Silver Cloud Air	SCR021/762	PH-KFB	DA42	KFA	*KLM7928
OE-FIX	Ce525	Aeroways		28.053	Falcon 20ECM	FEKS/717 skv	NOW717
19.D-IGWT	Ce525A	Sylt Air	AWU719G	D-CWIT	Ce525C	Witron Logistic	29 2x
OK-PHM	EMB505	CTR Group		D-IGVA	Ce525	Luxaviation Germany	29 LXG22V
PH-HHK	Bell 206L1	Heli Holland Holding	2x	G-CMTO	Ce525 (M2)	Zenith Aviation	BZE04A/B
20.D-CWIT	Ce525C	Witron Logistic		N666CP	PA-46-310P		29
D-GVCC	DA42	Rent-A-Plane	2x	SE-RIL	Ce560XLS	Svenskt Industriflyg	30 JET7
HB-JWB	CL-650	Swiss Air Ambulance	SAZ61/62	SE-RMR	Ce560XLS	Svenskt Industriflyg	JET5
OE-GLR	Ce680A	Goldeck-Flug	GDK1	29.ZE708	BAe146 C3	32(TR)sq	RRR1929
PH-MAA	EC135T2+	ANWB - MAA	Lifeline1	D-ARMY	ERJ135BJ	Air Hamburg	30 AHO715F
PH-TSN	DA42	Twin Star Netherlands	arr	D-CAWR	Ce560 Encore+	Aerowest	
21.D-CWIT	Ce525C	Witron Logistic		D-IAWG	Ce425	Aerowest	
D-IAHG	Ce525	Spree Flug Luftfahrt	22	D-IJOA	Ce525A	Excellent Air	30 ECA8C
D-IAIB	Ce525	AIB Assets	23	HB-JGE	Global XRS	ExecuJet Europe	30
OK-PHM	EMB505	CTR Group		OK-ASK	PA-46-600TP	OK Aviation	NTF316
OO-ACO	Ce510	Air Service Liège		30.9H-VCG	CL-350	VistaJet Malta	31 VJT480
PH-DEZ	Ce501SP	F.G. Hilgeman	2x	CS-DQB	Ce560XLS	NetJets Europe	31 NJE011F/7AG
PH-HCF	Cabri G2	HeliCentre		D-CWIT	Ce525C	Witron Logistic	
PH-MAA	EC135T2+	ANWB - MAA	2x Lifeline1	D-IJLJ	Ce525	Cessna Düsseldorf CSC	31
PH-VBG	Falcon 2000EX	JetNetherlands	31	D-ISUN	Ce525A	Excellent Air	dep ECA5C
22.CS-DXV	Ce560XLS	NetJets Europe	22 NJE559T/8HL	D-ITAN	Ce525	E-Aviation	
CS-PHJ	EMB505	NetJets Europe	23 NJE9FF	OO-PRM	Ce510	Air Service Liège	31
D-CAHO	Ce560XLS+	Air Hamburg	AHO418B	PH-DEZ	Ce501SP	F.G. Hilgeman	
D-CWIT	Ce525C	Witron Logistic		PH-KGJ	EC120B	Heli Holland Holding	
D-ILUI	Ce525A	ProAir Aviation		31.D-CDOC	Lj45	Jetcall	JCL2
D-IPPY	P180	AirGo	23 XGO4RD/6MD	D-CEFO	Ce560XLS+	Air Hamburg	AHO399Q
N283AA	Global 5000	Planet Nine Private Air		D-CEIS	Ce680	E-Aviation	arr EFD6S
OE-FHK	Ce510	GlobeAir	23 GAC545C/434D	OE-FLH	Ce525A	Eurosystems Trade Warehand.	arr
23.H28	A109BA	1w	BAF317	OK-XLS	Ce560XLS+	Silesia Air	arr SUA712
CS-PHN	EMB505	NetJets Europe	24 NJE2TN	OO-PRM	Ce510	Air Service Liège	arr
D-CWIT	Ce525C	Witron Logistic		PH-HVB	EC135T2+	ANWB - MAA	dep Lifeline2
D-IWIL	Ce525	ProAir Aviation		PH-LLN	H135	ANWB - MAA	Lifeline1
OO-IDE	Ce525	Air Service Liège	24	PH-MAA	EC135T2+	ANWB - MAA	arr tdy Lifeline2
PH-TXA	Ce510	JetNetherlands	31	PH-TXA	Ce510	JetNetherlands	arr
24.CS-DXZ	Ce560XLS	NetJets Europe	25 NJE5QJ	PH-VBG	Falcon 2000EX	JetNetherlands	arr
D-AERO	ERJ135BJ	Air Hamburg	25 AHO523Z				
LY-HCW	BAe125-800XP	Charter Jets	LTC501				
OE-FZD	Ce510	GlobeAir	GAC434E/650Y				
PH-HHK	Bell 206L1	Heli Holland Holding	2x				
PH-MFX	Ce650	JetNetherlands					
YU-BTB	Ce550 Bravo	Air Pink	25				
25.D-CEHM	Ce560XLS+	Silver Cloud Air	SCR021	01.G-ECOT	DHC-8-402	HEH Avn Cologne Bet.	arr SXI2028
LX-JAG	ERJ135BJ	Global Jet Luxembourg	SVW49AG	02.G-PKHA	PC-12/47E	Pilatus Beheer	
26.CS-CHC	CL-350	NetJets Europe	27 NJE451C/570F	03.D-IAAS	EMB500	Arcus Air	AZE49IC
D-IJOA	Ce525A	Excellent Air	27 ECA8C	G-ECOR	DHC-8-402	NAC Aviation 2	arr
OE-FHA	Ce510	GlobeAir	GAC450N/349P	05.YR-ASB	A318-111	TAROM	ROT7301/7302
SP-KHK	Ce510	Flyjet	arr	06.D-EMO	Raytheon 390	Pro Jet	
27.053	Falcon 20ECM	FEKS/717 skv	NOW717	PH-CJM	Ce680	ASL	14

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

Maastricht - Aachen

July 2020			
01.G-ECOT	DHC-8-402	HEH Avn Cologne Bet.	arr SXI2028
02.G-PKHA	PC-12/47E	Pilatus Beheer	
03.D-IAAS	EMB500	Arcus Air	AZE49IC
G-ECOR	DHC-8-402	NAC Aviation 2	arr
05.YR-ASB	A318-111	TAROM	ROT7301/7302
06.D-EMO	Raytheon 390	Pro Jet	
PH-CJM	Ce680	ASL	14

07.D2-FDF	ERJ145LR	Fly AO	tst
OE-LFB	B757-23A(F)	ASL Airlines Belgium	TAY1728/263P
TC-ACG	B747-481(F)	Saudia	08 SVA941/2
08.G-LFBD	Ce525A	Centreline	CLF245/068
09.D-ITRA	Ce525	Transavia Flug	
PH-BBJ	Ce560XLS+	ASL	11
SE-MDB	ATR72-212A	Lübeck Air	dep MMD6865
TC-ACG	B747-481(F)	Saudia	10 SVA941/2
YU-RDA	Ce560XLS+	Air Pink	
10.CS-LTE	Ce680A	NetJets Europe	NJE171L/031P
D-IEMO	Raytheon 390	Pro Jet	
JY-BAB	B787-8	Royal Jordanian	f/v RJA033/034
PH-MFX	Ce650	JetNetherlands	14
TC-ACF	B747-481(F)	Saudia	11 SVA941/2
11.D-CEFO	Ce560XLS+	Air Hamburg	AHO396N/009M
OO-VMF	Ce560XLS+	Air Service Liège	14
12.9H-QCQ	B737-8AS	Malta Air	f/v RYR9381/9382
TC-ACG	B747-481(F)	Saudia	SVA941/2
13.NX139LE	L-39ZO	Skyline Aviation	tdy 17
OO-ACO	Ce510	Air Service Liège	15
OO-TFC	B757-222(F)	ASL Airl. Belg. (a/w)	TAY1728/263P
14.OO-VMF	Ce560XLS+	Air Service Liège	16
TC-ACG	B747-481(F)	Saudia	15 SVA941/2
16.D-ISCH	Ce525A	Gerhard Schubert	
G-JECK	DHC-8-402	NAC Aviation 19	arr
HB-VTS	Raytheon 390	Lions Air	17 2x
OO-PRM	Ce510	Air Service Liège	23
TC-ACG	B747-481(F)	Saudia	SVA941/2
17.D-AZFB	ERJ190AR	WDL Aviation (a/w)	31 WDL500/955
TC-ACF	B747-481(F)	Saudia	SVA941/2
18.PH-CJM	Ce680	ASL	
19.9H-QEM	B737-8AS	Malta Air	f/v RYR9381/9382
HA-TAB	Saab 340A(F)	Fleet Air International	FRF100/101
P4-MES	B767-33AER	Roman Abramovich	arr
TC-ACF	B747-481(F)	Saudia	SVA941/2
YR-ASB	A318-111	TAROM	ROT7301/7302
20.OO-TFC	B757-222(F)	ASL Airl. Belg. (a/w)	TAY1728/263P
21.G-FBJJ	ERJ175STD	HEH Avn Dublin Bet.	arr SXI2029
OY-JJN	Ce501	Sun Air of Scandinavia	
TC-ACF	B747-481(F)	Saudia	SVA941/2
22.D-CAPB	Ce560 Encore+	Aerowest	
23.D-IEMO	Raytheon 390	Pro Jet	
OO-PRM	Ce510	Air Service Liège	24
PH-ANO	Ce560XLS	JetNetherlands	
TC-ACF	B747-481(F)	Saudia	SVA941/2
24.OO-VMF	Ce560XLS+	Air Service Liège	25
TC-ACG	B747-481(F)	Saudia	SVA941/2
25.9M-MUB	A330-223F	Malaysia Airlines	MAS6432/6433
D-IEMO	Raytheon 390	Pro Jet	
OO-VMF	Ce560XLS+	Air Service Liège	28
TC-ACF	B747-481(F)	Saudia	SVA915/6
VP-BCK	B737-46Q(F)	ATRAN	VAS9658/9659
VP-BCK	B737-46Q(F)	ATRAN	VAS9660/9641
26.9H-QEC	B737-8AS	Malta Air	f/v RYR9381/9382
F-HBDX	EMB505	Jetkey Invest	KBD216

TC-ACG	B747-481(F)	Saudia	SVA941/2
27.OO-TFC	B757-222(F)	ASL Airl. Belg. (a/w)	TAY1728/263P
28.2-JEZA	Eclipse 500	Channel Islands Air Services	29
TC-ACG	B747-481(F)	Saudia	SVA941/2
29.Q-05	AH-64D	301sq	*NAF72
Q-13	AH-64D	301sq	*NAF73
M-YAIC	EMB505	Jet Story	30
PH-DWA	ERJ145LR	Air Charters Europe	ar JNL2029
30.Q-09	AH-64D	301sq	*Redskin12, *Redskin14
Q-13	AH-64D	301sq	*Redskin13
Q-14	AH-64D	301sq	*Redskin14
Q-25	AH-64D	301sq	*Redskin11, *Redskin13
TC-ACG	B747-481(F)	Saudia	SVA941/2
31.TC-ACF	B747-481(F)	Saudia	SVA941/2
Q-05	AH-64D	301sq	*Redskin23
Q-25	AH-64D	301sq	*Redskin24

On the 1st, 2nd, 16th and 22nd former FlyBe aircraft arrived for storage. The Arcus Air Embraer on the 3rd performed a local test flight as AZE99X before departing to Rotterdam. The Embraer on the 7th also performed a local test flight. The ATR on the 9th arrived all white and departed in the colours of Lübeck Air. The JetNetherlands Cessna on the 10th also performed a local flight on that day. The WDL Aviation Embraer on the 17th arrived all white and departed in the colours of EGO Airways. Roman Abramovich's chariot arrived on the 19th for paint work. The Eclipse 500 on the 28th performed a local flight the next day before returning to the UK.

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

Groningen - Eelde

July 2020			
01.D-CPSH	Ce560XLS+	Heron Aviation	dep HRN221
D-IJOA	Ce525A	Excellent Air	dep ECA8C
OO-CFW	PC-12/47E	NextGen Aviation	arr
02.D-CFFF	Ce560XLS+	DC Aviation	DCS715
OO-PCN	PC-12/47E	European Aircraft Private Club	
08.OE-FUX	Ce525A	Bairline Flug	09
10.D-AIRG	ERJ135BJ	Air Hamburg	11 AHO680A
SE-RIL	Ce560XLS	Svenskt Industriflyg	11 JET7
12.CS-PHG	EMB505	NetJets Europe	13 NJE721C/6KY
13.SP-VIS	SF-50		18
14.G-RJVK	P68	Ravenair	
N6VJ	Beech F90	Fisher of Lake	15
15.D-HNHF	EC155B1	Northern Helicopter	2x *NHC48A
N27052	Eclipse 500		
OE-FRM	Ce510	GlobeAir	arr GAC780V
16.CS-PHI	EMB505	NetJets Europe	NJE8GX/887D
D-CDSO	Ce550 Bravo	Heli-Flight	
D-CYES	Lj35A	Air Alliance	17 AYY107
D-FSRS	PA-46-500TP		2x *
OO-CYN	EMB550	Air Service Liège	2x
OY-JME	P2006T	Greybird Aviation	arr GAG235A
20.Q-13	AH-64DN	301sq	Redskin41



Before being converted to freighter this Boeing 757 was in service with United Airlines. It was added to the TNT Airways / ASL Airlines Belgium fleet in April 2016, unfortunately all white. Although hardly visible on the photo it has a very small ASL logo near the cockpit window. (Maastricht - Aachen, 20 July 2020, Jesse Vervoort)



Initially delivered to a company called Jana Aviation in 2012 as M-SEAS this Global 5000 was acquired by Chartright Air in August 2017 registered as C-GJET. That registration was subsequently changed to C-GCCA. (Eindhoven, 5 July 2020, Toon Cox)

D-IMVC	Beech B200	Star Wings Dortmund	21	STQ99B	PH-WIK	AS350B3	HeliAir	
F-HLPM	Falcon 2000LXS	Michelin Air Service			PH-ZBZ	Beech C90A	Zeusch Aviation	dep
21. D-IOHL	Ce525A	Excellent Air	22	ECA3C	30. D-HFEG	EC120B		
22. CS-DOG	Ce510				OO-SEX	Ce208B	Skydive Spa	
D-GKSZ	PA-34-220T	TL Aviation	arr	TLI355	PH-KGJ	EC120B	Heli Holland Holding	
OO-ECB	EC120B	Helimo			PH-KIO	P2006T	Kavel 10 Aerial Surveys	
23. SP-MRX	PA-46-350P		arr		31. CS-PHM	EMB505	NetJets Europe	NJE8LD/053Q
24. F-HLPN	Falcon 2000LXS	Michelin Air Service			LN-PNB	PA-31-310	Blom Geomatics	dep
28. CS-DOG	Ce510	DB Aviation	29		PH-HCC	Cabri G2	HeliCentre	
D-IMVC	Beech B200	Star Wings Dortmund		STQ99B				
N3436P	PA-23-160	German Hirstoric Flight						
29. 9H-ALL	Ce525A	Luxwing		LWG191/02				
D-IOLO	BN-2B-20	OFD						
PH-ZBZ	Beech C90A	Zeusch aviation		3x *				
30. D-BLUE	Falcon 2000LX	ACM Air Charter		BVR222				
D-IOLN	BN-2A-26	OFD		*				
31. PH-AKF	A330-303E	KLM		*KLM9851				

Credit: GEAS, FlyGRQ.

Deventer-Teuge

		July 2020	
01. 2-ZEuz	Beech C90A	Zeusch Aviation	arr
N2648X	Ce501	T.S. Aviation	
OH-JRD	PC-12/47E	Fly 7 Executive Aviation	
02. PH-UWL	Ce421C	Zurenborgh Beheer	dep
04. PH-PXZ	AW139	Nationale Politie	ZXP26
06. N58JA	Ce340		
PH-PHA	Enstrom 480	Prince Helicopters	
07. D-CPDA	M28	PD Air Operation	09
OE-FDK	SC-7	Pink Aviation Services	10 tdy
10. PH-FVD	R44	Rotarywings	
11. D-FIBE	PC-6/B2-H4	KIAS Airlines	dep
HB-VPL	Raytheon 390	TTA	
PH-PXF	EC135P2+	Nationale Politie	ZXP06
13. LX-TAI	PC-12/47E	Jetfly Aviation	14
OO-ROB	RC690B	A.B.K.	arr
OO-SPA	Ce208B	Skydive Spa	
PH-FVD	R44	Rotarywings	
PH-JAS	Ce208	Paracentrum Texel	16
14. D-FIPS	PC-6/B2-H4	KIAS Airlines	arr
S5-HCE	EC120B	Flycom	
15. PH-AVV	R44	A. F. C. van Westerop	
PH-FVD	R44	Rotarywings	
17. N2648X	Ce501	T.S. Aviation	
18. PH-TXN	AT-6A	Wings over Holland	
20. PH-PHA	Enstrom 480	Prince Helicopters	
22. OO-KNM	R44	Air Technology Belgium	
PH-AVV	R44	A. F. C. van Westerop	
23. N22SY	PA-46-350P	Sijben Wooncenter	2x
24. N939PA	PA-46-350T	SCH Aviation	25
N2979S	Ce411A		
PH-FVD	R44	Rotarywings	
25. PH-TXN	AT-6A	Wings over Holland	
26. PH-DTX	Yak-52	Dutch Thunder Yaks	
27. G-BTKL	Bo105DB4	Airphot	tst
29. G-BTKL	Bo105DB4	Airphot	dep
N195JR	Beech 95	Buddy Management	arr

		July 2020	
01. 03	C-17A	HAW	dep Bartok55
04-45426	AH-64D	B/3-17th CAV	dep R20397-flt
05-07010	AH-64D	B/3-17th CAV	dep R20397-flt
07-05518	AH-64D	B/3-17th CAV	dep R20397-flt
15-08173	CH-47F	B/2-3rd AVN	02 R08173/R20392-flt
92-26458	UH-60L	A/2-3rd AVN	06 R26458/R08146-flt
93-26482	UH-60L	A/2-3rd AVN	02 R26482/26482-flt
98-26812	UH-60L	A/2-3rd AVN	02 R26812/20392-flt
11-20354	HH-60M	C/2-3rd AVN	03 R20354-flt/R20172-flt
11-20355	HH-60M	C/2-3rd AVN	06 R20354-flt/R08146-flt
11-20364	UH-60M	4-3rd AVN	02 R20364/26482-flt
11-20370	UH-60M	4-3rd AVN	dep R20397-flt
11-20387	UH-60M	4-3rd AVN	03 R20837
11-20395	UH-60M	4-3rd AVN	03 R20395/20351-flt
11-20397	UH-60M	4-3rd AVN	dep R20397
11-20397	UH-60M	4-3rd AVN	R20397
13-20615	HH-60M	C/2-3rd AVN	03 R20354-flt/R20172-flt
9H-ALL	Ce525A	Luxwing	LWG101/191
D-ICBA	Ce525A	ProAir Aviation	dep
M-ABEU	Lj45XR	Ryanair	
OO-IDE	Ce525	Air Service Liège	
OO-PKX	Ce750	Air Service Liège	dep
PH-JRC	ERJ135BJ	JetNetherlands	dep
02. 02-05326	AH-64D	A/3-17th CAV	*R20461-flt
03-05370	AH-64D	C/3-17th CAV	*R45419-flt
03-05384	AH-64D	C/3-17th CAV	R45419-flt
03-05389	AH-64D	A/3-17th CAV	R20461-flt
03-05403	AH-64D	A/3-17th CAV	R20461-flt
04-05419	AH-64D	C/3-17th CAV	R45419-flt
04-05431	AH-64D	C/3-17th CAV	*R45419-flt
04-05439	AH-64D	B/3-17th CAV	dep R20361-flt
06-07020	AH-64D	A/3-17th CAV	*R20461-flt
07-05535	AH-64D	B/3-17th CAV	dep R20361-flt
08-05548	AH-64D	B/3-17th CAV	dep R20361-flt
11-20356	UH-60M	4-3rd AVN	*Raven11
11-20361	UH-60M	4-3rd AVN	dep R20361-flt
11-20361	UH-60M	4-3rd AVN	R20361/R20361-flt
11-20365	UH-60M	4-3rd AVN	*R20428-flt
11-20376	HH-60M	C/2-3rd AVN	R20376/R20376-flt

The Beech on the 1st departed back to Lelystad on the 29th with its new registration. The helicopter on the 14th is based in Belgium. The Bölkow on the 27th performed a test flight after maintenance and departed two days later.

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

Eindhoven

11-20386	UH-60M	4-3rd AVN	*R20428-fit	04-05453	AH-64D	C/3-17th CAV	*R45429-fit
11-20392	UH-60M	4-3rd AVN	dep R20392-fit	06-07014	AH-64D	A/3-17th CAV	*R67014-fit
11-20402	HH-60M	C/2-3rd AVN	R20402/R20376-fit	08-05543	AH-64D	A/3-17th CAV	*R67014-fit
11-20416	UH-60M	4-3rd AVN	*R20428-fit	13-08146	CH-47F	B/2-3rd AVN	dep R08146-fit
11-20422	UH-60M	4-3rd AVN	dep R20361-fit	13-08146	CH-47F	B/2-3rd AVN	R08146/R26830-fit
11-20428	UH-60M	4-3rd AVN	*R20428-fit	14-08455	CH-47F	B/2-3rd AVN	R08455
11-20458	UH-60M	4-3rd AVN	*R20428-fit	99-26830	UH-60L	A/2-3rd AVN	dep R26830-fit
11-20461	UH-60M	4-3rd AVN	*R20461-fit	12-20310	HH-60M	C/2-3rd AVN	R21016-fit
14-20679	HH-60M	C/2-3rd AVN	R20679/R20376-fit	12-20455	UH-60M	4-3rd AVN	R20455
CS-TRJ	A321-231	21sq	BAF631	12-20457	UH-60M	4-3rd AVN	*R20457
CS-PHB	EMB505	NetJets Europe	03 NJE364A/893Q	12-20460	UH-60M	4-3rd AVN	Raven11
D-IEFD	Ce525 (M2)	E-Aviation	EFD2F	12-20506	HH-60M	C/2-3rd AVN	R21016-fit
PH-BEJ	Global 5000	Flying Group	dep FYG41BM	18-21016	HH-60M	C/2-3rd AVN	R21016-fit
PH-CJM	Ce680	ASL	03	CS-DXM	Ce560XLS	NetJets Europe	NJE900Y/003Q
03.LX-N90446	E-3A	NAEW&CF	*	D-CAMB	Lj31A	Jetcall	JCL4
LX-N90451	E-3A	NAEW&CF	*Nato01	PH-BEJ	Global 5000	Flying Group	09 FYG42BM/81BM
L-06	PC-7	131EMVosq	*Diamond08	07.FB14	F-16BM	2w	*BAF281
05-07002	AH-64D	B/3-17th CAV	R08461-fit	FB20	F-16BM	10w/OCU	*BAF451
05-07003	AH-64D	B/3-17th CAV	R08461-fit	03-05395	AH-64D	A/3-17th CAV	*R35395
14-08461	CH-47F	B/2-3rd AVN	R08461-fit	11-20389	UH-60M	4-3rd AVN	*R20389
94-26587	UH-60L	A/2-3rd AVN	dep R20351-fit	9H-VCD	CL-350	VistaJet Malta	VJT467
95-26596	UH-60L	A/2-3rd AVN	dep R20172-fit	CS-TRJ	A321-231	21sq	BAF633
99-26841	UH-60L	A/2-3rd AVN	R08641/R08641-fit	D-CSEB	Ce560XLS+	Adolf Würth	
05-27055	UH-60L	A/2-3rd AVN	R27055-fit/R20362-fit	08.FB14	F-16BM	2w	*BAF245
08-20172	HH-60M	C/2-3rd AVN	dep R20172-fit	FB17	F-16BM	10w/OCU	*BAF451
11-20351	HH-60M	C/2-3rd AVN	dep R20351-fit	H31	A109BA	17sq	*BAF317
11-20353	HH-60M	C/2-3rd AVN	R20434-fit	J-011	F-16AM	312/313sq	*Hammer01
11-20357	UH-60M	4-3rd AVN	*R20357-fit	J-146	F-16AM	312/313sq	*Tiger02
11-20358	UH-60M	4-3rd AVN	*R20360-fit	J-516	F-16AM	312/313sq	*Epic01
11-20360	UH-60M	4-3rd AVN	*R20360-fit	L-08	PC-7	131EMVosq	*Diamond14
11-20362	UH-60M	4-3rd AVN	R20362/20362-fit	L-10	PC-7	131EMVosq	*Diamond06
11-20388	UH-60M	4-3rd AVN	R20388/20362-fit	D-CAWU	Ce560XLS	Adolf Würth	
11-20395	UH-60M	4-3rd AVN	R20395	G-JBLL	BAe125-800B	Sovereign Business Jets	09 RHK45B/C
11-20409	HH-60M	C/2-3rd AVN	R20434-fit	PH-EBR	Falcon 900	Exxaero	XRO245
11-20417	UH-60M	4-3rd AVN	*R20357-fit	PH-JRC	ERJ135BJ	JetNetherlands	10
11-20434	HH-60M	C/2-3rd AVN	R20434-fit	09.FA77	F-16AM	10w	*Mace71
11-20450	UH-60M	4-3rd AVN	*R20357-fit	FA102	F-16AM	10w	*Mace72
13-20616	HH-60M	C/2-3rd AVN	dep R20351-fit	ST41	SF260D	CC Air	BAF195
HA-LVI	A321-271NX	Wizz Air	f/v WZZ56AV/1BB	LX-N90447	E-3A	NAEW&CF	*Nato02
PH-EBR	Falcon 900	Exxaero	XRO245	CS-TRJ	A321-231	21sq	BAF630
PH-HWM	CL-605	JetNetherlands	09	D-CAGA	EMB505	Luxaviation Germany	LXG55GA
PH-JRC	ERJ135BJ	JetNetherlands	04	F-HLRZ	EMB500	Luxwing	LWG1072/3
04.03	C-17A	HAW	05 Bartok55	PH-BEJ	Global 5000	Flying Group	10 FYG83BM/51BM
PH-JRC	ERJ135BJ	JetNetherlands	08	PH-FJK	Ce525B	JetNetherlands	
05.C-GCCA	Global 5000	Chartright Air	HRT461/641	10.J-065	F-16BM	322sq	*Saw01
D-CMDH	Ce680	E-Aviation	EFD6H	J-066	F-16BM	322sq/KTV	*Cobra01
G-RSXP	Ce560XLS+	Catreus	VCG1XP/2XP	L-02	PC-7	131EMVosq	*Diamond11
OO-MMT	Ce560XLS	Air Service Liège		CS-PHF	EMB505	NetJets Europe	NJE486T/672N
OO-PKX	Ce750	Air Service Liège	06	PH-FJK	Ce525B	JetNetherlands	12
OY-JPJ	Ce650	North Flying	NFA017/017P	YU-RDA	Ce560XLS+	Air Swisllion RD	11
TC-GHP	CL-850	General Aviation		11.OO-VMF	Ce560XLS+	Air Service Liège	
06.02-05316	AH-64D	C/3-17th CAV	*R45429	PH-JRC	ERJ135BJ	JetNetherlands	
02-05321	AH-64D	A/3-17th CAV	*R67014-fit	12.OO-KOR	Ce525A	Luxaviation Belgium	AAB969
04-05429	AH-64D	C/3-17th CAV	*R45429-fit	OO-PKX	Ce750	Air Service Liège	15
04-05444	AH-64D	C/3-17th AVN	*R45429-fit	PH-HWM	CL-605	JetNetherlands	14



Looking at the photo you will never guess that this Falcon 20 is already 54 years old. In 1966 it was registered F-BNRE. It was delivered to Fred. Olsen as LN-FOD in 1969. Three years later the jet was acquired by the Norwegian Air Force as 053. The ECM aircraft is being operated by FEKS/717 skv. (Rotterdam - The Hague, 28 July 2020, André Wadman)

PH-JRC	ERJ135BJ	JetNetherlands	15
13. D-CMDH	Ce680	E-Aviation	14 EFD6H
OE-FZB	Ce510	GlobeAir	GAC067T/396N
OK-TVX	B737-8Z9	Smartwings	TVS431P/4318
OO-JAV	B737-8K5	TUI Belgium	TFL71P/7333
PH-ANO	Ce560XLS	JetNetherlands	
14. CH12	C-130H	20sq	BAF662
PH-BEJ	Global 5000	Flying Group	25 FYG52BM/31BM
PH-CJM	Ce680	ASL	16 2x
PH-HWM	CL-605	JetNetherlands	22
15. CS-PHF	EMB505	NetJets Europe	NJE591E/035Y
OO-PKX	Ce750	Air Service Liège	17
PH-MFX	Ce650	JetNetherlands	24
16. D-CEFE	Ce525C	E-Aviation	17 EFD4E
N819AX	B777-2U8ER	Omni Air International	CMB529
17. FB24	F-16BM	10w/OCU (spec mks)	*BAF451
OO-PKX	Ce750	Air Service Liège	24
PH-TXA	Ce510	ASL	19
18. PH-CJM	Ce680	ASL	21
SP-OSA	Ce680	Jet Story	JD191Z
19. D-AFAN	CL-850	FAI Rent-A-Jet	IFA6171/83
D-CSCA	Ce525B	Silver Cloud Air	SCR378
OO-XLS	Ce560XLS+	Air Service Liège	
20. T-055	KC-30M	MMF	MMF99,80
CS-DOL	Ce525B	Valair	VVV621/2
OO-JAQ	B737-8K5	TUI Belgium	TFL7334/072P
OO-MMT	Ce560XLS	Air Service Liège	
PH-TXA	Ce510	ASL	21
21. PH-CGC	Do228-212	Kustwacht	*
PH-CJM	Ce680	ASL	22
PH-OUQ	Spitfire Mk.IX	SKHV	*
22. LX-N90452	E-3A	NAEW&CF	*Nato02
03	C-17A	HAW	Bartok72
D-IAHG	Ce525	Spree Flug Luftfahrt	
OE-FHK	Ce510	GlobeAir	GAC396P/545C
OK-TVY	B737-8Q8	Smartwings	TVS3537/0353F
PH-HWM	CL-605	JetNetherlands	24
YU-TBA	Ce560XLS+	Air Swisliion RD	
23. CH05	C-130H	20sq	*BAF673
CS-DXF	Ce560XLS	EJME (Portugal)	JME512F
D-IAHG	Ce525	Spree Flug Luftfahrt	
OO-DTE	EC120B	Heliventure FTO	
24. FB14	F-16BM	2w	*BAF251
LX-N90447	E-3A	NAEW&CF	*Nato06
L-01	PC-7	131EMVOsq	*Diamond09
HA-LJE	A320-271N	Wizz Air	f/v WZZ1388/0108
25. D-CEFO	Ce560XLS+	Air Hamburg	AHO379A
D-CFLY	Ce560XLS+	Air Hamburg	AHO433G/007M
26. 03	C-17A	HAW	Bartok72
9H-VFB	CL-605	VistaJet Malta	VJT598
CS-DXV	Ce560XLS	NetJets Europe	NJE464D/044U
D-ITIP	Ce525	Starwings Dortmund	STQ222
OO-PKX	Ce750	Air Service Liège	arr
27. CH05	C-130H	20sq	*BAF670
053	Falcon 20ECM	717skv	28 NOW717H
D-IKBO	Ce525A	Silver Cloud Air	
OE-GKW	G100	Tyrol Air Ambulance	TYW758/9
OO-GLM	Ce680	Air Service Liège	
PH-BEJ	Global 5000	Flying Group	31 - /FYG21BM
28. CH09	C-130H	20sq	*BAF666
FB17	F-16BM	10w/OCU	*BAF432
S-459	AS532U2	300sq	*Wildcat69
D-CAWU	Ce560XLS	Adolf Würth	29
G-CKUB	Ce560XLS+	Air Charter Scotland	EDC717E
29. FB17	F-16BM	10w/OCU	*BAF432
J-006	F-16AM	312/313sq	*Bonzo1
J-146	F-16AM	312/313sq	*Bonzo2
Q-05	AH-64DN	301sq	*NAF72
Q-13	AH-64DN	301sq	*NAF73
S-456	AS532U2	300sq	*Wildcat63, GLV-V
OO-XLS	Ce560XLS+	Air Service Liège	
30. LX-N90450	E-3A	NAEW&CF	*Nato02
Q-04	AH-64DN	301sq	*Redskin13-form
Q-13	AH-64DN	301sq	*Redskin13-form
D-CESA	Ce550 Bravo	Euro Link	
D-IEFD	Ce525 (M2)	E-Aviation	EFD2F

PH-FJK	Ce525B	JetNetherlands	
31. D-664	CH-47D	298sq	*Neptune1
J-882	F-16BM	312sq	*
Q-05	AH-64DN	301sq	*Redskin13, *Redskin23
Q-25	AH-64DN	301sq	*Redskin14, *Redskin24
S-459	AS532U2	300sq	Neptune2
G-SONE	Ce525A	Centreline	CLF860
PH-HWM	CL-605	JetNetherlands	arr

Eindhoven hosted the 3 CAB departures in the first week of July. In total 88 helicopters passed by. Some registrations are mentioned double, these were crew ferry flights between Rotterdam harbour and Eindhoven. The flights marked with the *-mark were overflights, passing over the airfield heading direct towards Rotterdam. The first KC-30M flights of T-055 took place on 20 July. Flying under MMF-flightnumbers and Multi-callsign various flights a day are performed. On 21 July the Historical Flight Spitfire performed some training landings at Eindhoven. The Norwegian Falcon 20 arrived from Rotterdam and departed for the same airport the following day. The four DHC helicopters on 31 July were heading towards Venray for a Missing Man tribute to one of the fallen crew from the Caribbean NH90 accident.

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

Credits: EWAS, Oscar Sannen, Scramble MB.

Gilze-Rijen

				July 2020
02. L-06	PC-7	131EMVOsq		*Diamond04
06. G-275	C-130H-30	336sq		*NAF76
07. G-275	C-130H-30	336sq		*Rogue11,21
08. G-275	C-130H-30	336sq		*NAF76
12. PH-PXB	EC135P2+	Nationale Politie		ZXP02
13. D-103	CH-47D	298sq		arr Grizzly92
16. D-102	CH-47D	298sq		dep Grizzly03
17. Q-18	AH-64DN	301sq		arr Redskin05
21. PH-XXV	B-25N	SKHV		tst
27. PH-PXB	EC135P2+	Nationale Politie		*ZXP02
PH-PXZ	AW139	Nationale Politie		ZXP26

The police helicopter on 12 July landed on base to assist with the investigation of a glider crash. Furthermore the Historical Flight B-25 Mitchell performed a test flight on 21 July from Gilze-Rijen.

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

Credits: Gilze Rijen Aviation Society, Scramble MB.

De Kooy

				July 2020
02. G-NHVN	AW139	NHV		tdy arr
G-NHVP	AW139	NHV		tdy arr
08. G-275	C-130H-30	336sq		*NAF75,76
21. PH-HHK	Bell 206L	Heli Holland Holding		*
22. G-988	C-130H	336sq		*NAF79

Two new NHV AW139 helicopters were noticed on 2 July at Den Helder, most likely for being temporary based here. Three visits of Eindhoven based 336sq Hercules transporters and an overshoot of the Heli Holland Jet Ranger. On 15 July Royal Navy F-35B ZM150 and Voyager tanker ZZ330 could also be seen in the skies over De Kooy. The Lightning 2 was training with Netherlands and Belgian fighters while the Voyager provided aerial refuelling. If only they could drop about FL150, the spectators on the ground could have had a much better view.

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

July 2020			
06.S-456	AS532U2	300sq (camo c/s)	Duke1
07.G-275	C-130H-30	336sq	*Rogue11,Rogue21
J-508	F-16AM	312/313sq	*Bonzo01
08.J-011	F-16AM	312/313sq	*Hammer01
J-514	F-16AM	312/313sq	*Bulldog01
J-516	F-16AM	312/313sq	*Epic01
S-459	AS523U2	300sq	Duke1
10.G-275	C-130H-30	336sq	*NAF76
13.FB24	F-16BM	10w/OCU (spec mks)	*BAF471
14.F-011	F-35A	322sq	f/v del NAF322a
F-012	F-35A	322sq	f/v del NAF322b
N-227	NH90-NFH	860sq	Guardian27
28.CH09	C-130H	20sq	BAF666

Leeuwarden got to welcome two more, brand new, F-35A arrivals for 322sq on 14 July. F-011 en F-012 arrived from Cameri and double the number of F-35As from two to four. On the same date NH90 N-227 made a precautionary landing due to reported fumes in the cockpit however the helicopter was able to continue shortly afterwards.

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

Lelystad

July 2020			
03.PH-LLN	H135	ANWB - MAA	20
08.N125DE	Eclipse 500	Blueprint Automation	dep
10.N125DE	Eclipse 500	Blueprint Automation	arr
PH-HVB	EC135T2+	ANWB - MAA	dep
11.PH-ELP	EC135T2	ANWB - MAA	Lifeline1
PH-KGJ	EC120B	Heli Holland Holding	arr
13.PH-TTR	H135	ANWB - MAA	dep
PH-ULP	EC135T2	ANWB - MAA	14
14.PH-ELP	EC135T2	ANWB - MAA	arr
18.SE-KKK	Beech B60		19
19.N5346J	Ce340A		
20.PH-MAA	EC135T2+	ANWB - MAA	dep Lifeline1
21.HA-JEO	Ce650	Jet Stream	22 JSH650/1
OY-JJN	Ce501	Sun Air of Scandinavia	
22.D-GCUP	DA42	Curtis & Partner	
N111DV	PA-46-350P		arr
OO-ECB	EC120B	Modularte	
23.PH-KIO	P2006T	Kavel 10	
PH-WMO	DA62	Witte van Moort	arr
25.D-AFAL	Global Express	FAI Rent-A-Jet	04 IFA329
G-BTKL	Bo105DB4	Airphot	2x *
PH-MAA	EC135T2+	ANWB - MAA	31 Lifeline1/2
28.VP-CLP	Global XRS	Aerojet	dep

29.D-FCAE	Ce208B	CAE Aviation	
N55WH	PA-46-350P	Svetair	
PH-PDK	EC120B	HeliFlight	
PH-ZBZ	Beech C90A	Zeusch aviation	arr
30.PH-LLN	H135	ANWB - MAA	arr
PH-PVZ	R66	HeliCentre	del
31.PH-ELP	EC135T2	ANWB - MAA	arr Lifeline1
PH-HVB	EC135T2+	ANWB - MAA	arr Lifeline2
PH-LLN	H135	ANWB - MAA	dep Lifeline1

The Piper on the 22nd returned home after a landing mishap at Texel in July 2019. The Bölkow on the 25th performed two test flights after maintenance at Teuge. On that same day the FAI Global returned for another visit to the local paint shop. The departing Global on the 28th was a customer for the local paint shop. On the 29th the (re-)delivery of former 2-ZEUZ now registered as PH-ZBZ.

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

Volkel

July 2020			
09.H31	A109BA	17sq	BAF317
10.G-275	C-130H-30	336sq	*NAF76
J-065	F-16BM	322sq	*Saw01
J-066	F-16BM	322sq/KTV	*Cobra1
13.84-0087	C-21A	76th AS	Falcon37
23.FB17	F-16BM	10w/OCU	*BAF451
J-020	F-16AM	312/313sq	arr Cowboy21
24.J-641	F-16AM	312/313sq	arr Dozer
27.CH05	C-130H	20sq	*BAF670
G-275	C-130H-30	336sq	Rogue11
G-988	C-130H	336sq	*Rogue12
Q-24	AH-64DN	301sq	*Bat73
28.FB24	F-16BM	10w/OCU (spec mks)	*BAF451
29.S-456	AS532U2	300sq	*

The USAF C-21A Learjet spent just over one hour on the ground before returning to Germany. On 23 July J-020 returned from SABCA and one day later J-641 returned from Woensdrecht, both received much needed maintenance.

Credits: SGVolkel Message Board, Scramble MB.

Woensdrecht

July 2020			
03.HZ-HGA	ATR72-212A	Nesma Airlines	arr
06.G-275	C-130H-30	336sq	*NAF76
08.D-103	CH-47D	298sq	tst Grizzly92
Q-18	AH-64DN	301sq	tst Redskin05
N301SR	B737-7JV	Essar Shippers & Logistics	dep
09.D-103	CH-47D	298sq	tst Grizzly92



Manufactured in 1999 this Boeing 737 has quite an interesting history. From 2014 this aircraft has been operated by Europe Airpost / ASL Airlines France as F-GZTQ. The aircraft is still in Europe Airpost colours but it does sport the ASL titles. (Woensdrecht, 31 July 2020, Johan Havelaar)

Q-18	AH-64DN	301sq	tst Redskin05	23. CS-PHH	EMB505	NetJets Europe	24 NJE355L/784G
13. D-103	CH-47D	298sq	tst + dep Grizzly92	24. D-ABVS	B747-430	Lufthansa	arr DLH9922
14. Q-18	AH-64DN	301sq	tst Redskin05	D-CHRA	Ce525	E-Aviation	EFD4A
15. N-319	NH90-NFH	860sq	*Trident02	D-GEDU	PA-34-220T		
16. D-102	CH-47D	298sq	arr Grizzly03	25. D-IDBA	Raytheon 390	FAI Rent-A-Jet	f/v IFA6173
ZS-SXL	A330-343	South African Airways	arr SAA4713	26. PH-IWS	Falcon 7X	Exxaero	30 XRO272/3
17. Q-18	AH-64DN	301sq	tst + dep Redskin05				
D-ANEO	A319-153N(X)	K5 Aviation	dep KAY57				
23. ST46	SF260D	CC Air	*BAF159				
24. KAF308	Fokker 70	Kenya Air Force	tst				
J-641	F-16AM	312/313sq	dep Dozer01				
31. KAF308	Fokker 70	Kenya Air Force	dep Kenya01				
J-011	F-16AM	312/313sq	*Sting-formation				
J-516	F-16AM	312/313sq	*Sting-formation				
F-GZTQ	B737-73S	ASL Airlines France	arr FPO35P				

Woensdrecht traffic from July 2020 shows on the military side much regular traffic and the Kenya Air Force Fokker 70 leaving again back home after base maintenance. On the civilian side the BBJ1 of Essar Shippers & Logistics departed on 8 July after arriving on 11 May. As part of the demise of South African Airways various Airbus airplanes have been returned to the lessor. Among them is A330-300 ZS-SXL, arriving on 16 July. A day later the K5 Aviation ACJ319neo departed again. Closing the month is the arrival of a former European Airpost, now ASL Airlines France B737.

Credits: Johan Havelaar, Scramble MB.

Twente

				July 2020	
01. D-IEFD	Ce525 (M2)	E-Aviation	dep EFD2F		
D-IOHL	Ce525A	Excellent Air	f/v 02 ECA38D		
F-HPEB	Lj40XR	ADD	f/v		
OE-FOE	Ce510	GlobeAir	dep GAC773Z		
02. CS-DXM	Ce560XLS	NetJets Europe	NJE698E/884T		
D-IOHL	Ce525A	Excellent Air	03 ECA38D		
04. M-IFFY	Ce510	XEAD Aviation			
PH-GWS	Falcon 7X	Exxaero	dep XRO259		
PH-GWS	Falcon 7X	Exxaero	07 XRO259/227		
06. CS-CHE	CL-350	NetJets Europe	f/v 07 NJE108L/443C		
07. CS-DXX	Ce560XLS	NetJets Europe	NJE476G/057W		
CS-PHD	EMB505	NetJets Europe	NJE358A/623A		
PH-GWS	Falcon 7X	Exxaero	11 XRO227		
08. D-IEFD	Ce525 (M2)	E-Aviation	2x EFD2F		
13. D-ABVP	B747-430	Lufthansa	arr DLH9888		
OK-AOA	CL-300	CTR Group			
14. CS-CHE	CL-350	NetJets Europe	NJE174R/514K		
D-CHIP	Ce525B	E-Aviation	EFD3P		
D-IMRB	Beech C90GTi	E-Aviation	EFD1B		
16. CS-PHC	EMB505	NetJets Europe	17 NJE379M/334D		
18. CS-PHE	EMB505	NetJets Europe	NJE083P/806NH		
PH-GWS	Falcon 7X	Exxaero	26 XRO227/329		
19. PH-IWS	Falcon 7X	Exxaero	dep XRO272		
20. D-ABVX	B747-430	Lufthansa	arr DLH9872		
22. CS-PHO	EMB505	NetJets Europe	f/v 23 NJE600M/517H		

Credit: EHTW spotters.

Flamingo (Bonaire, Dutch Caribbean)

				July 2020	
01. HK-5255	Lj45	SARPA	tdy 31		
N31ZV	Lj31A	EZAir International	tdy 31		
N389KA	Lj35	Fundashon Mariadal	tdy 31		
N5324J	Ce340A		tdy 31		
02. PH-FBH	AW139	DCCG			
06. HI1060	Ce525A	Helidosa			
08. HK-5197	B737-476(F)	AerCaribe			
PH-FBH	AW139	DCCG			
14. PH-FBH	AW139	DCCG			
16. PH-FBH	AW139	DCCG			
17. PH-FBH	AW139	DCCG			
21. N233SW	EMB120ER(F)	Berry Aviation			
22. N514QS	Ce680A	NetJets			
23. HK-5197	B737-476(F)	AerCaribe			
N2333K	CeU206G				
25. PH-FBH	AW139	DCCG			
28. PJ-IKA	PA-31-350				
29. N334CJ	Saab 340B	Seaborne Airlines	30 SBS9102		
N336SA	Saab 340B	Seaborne Airlines	30 SBS9103/2		
N341CJ	Saab 340B	Seaborne Airlines	30 SBS9104/3		
N350CJ	Saab 340B	Seaborne Airlines	30 SBS9105		
PJ-IKA	PA-31-350				
31. PJ-IKA	PA-31-350				

TUI:

PH-TFK 09, 24, 30 PH-TFM 16, 23, 31

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

Per July 1st only tourists were allowed from a few countries in Europe, enabling the return of KLM and TUI, besides the inter-island traffic. Traffic on the 1st were visiting on multiple days this month. The Embraer on the 21st did a return flight to Miami and came to pick up a big sum of US Dollars. Colours were blue and white without titles. Best day was the 29th with four visitors from San Juan who stayed a night to shelter for the hurricane that was due to hit Puerto Rico that night, all in full colours with each a different marine animal motive in the tail.

Credit: Danny de Kiewit.



Aquapresen Cosmetiks USA acquired this Cessna 510 in May 2017 as N313AQ. Although not yet confirmed it looks like the final Mustang built changed operator late 2019. (Budell, 21 July 2020, Toon Cox)

Movements Belgium



This Global Express is part of the Executive Jet Management Europe eighteen aircraft strong fleet. CS-RBN is mostly based at Oxford, UK. (Antwerp, 23 July 2020, Walter Van Brempt)

Antwerp

			July 2020				
01. CS-DOL	Ce525B	Valair		OO-PCJ	PC-12/47E	EAPC	08 2x
D-IAAS	EMB500	Arcus Air	02	08. CS-PHG	EMB500	NetJets Europe	
F-HGLG	Lj75	Ixair	02	OO-PCM	PC-12/47E	EAPC	
HB-LQP	PA-31T	Ursella	f/v	PH-DWS	ERJ135LR	Air Charters Europe	09
OE-FRM	Ce510	Globe Air		SP-TAT	Beech 400A	Smart Jet	
OO-SCT	Ce525C	Luxaviation Belgium	f/v 02	09. D-CAGA	EMB500	Luxaviation Germany	10 2x
OY-JPJ	Ce650	North Flying		N127QR	Beech 300	A. Ruijgrok	10
PH-JRC	ERJ135BJ	JetNetherlands	f/v	OE-EAU	PC-12/47E	PC-12	f/v
02. 4X-CUT	BAe125-800XP	Tamir Airways	f/v	OK-AST	Ce560XL	Air Bohemia	10
D-EEDW	SV-4C	A. Vervaeke	18	OO-GEE	PC-12/47E	Blue Sky Aviation	11
D-IEAH	Beech C90A	Fuchs & Partner		OO-PCI	PC-12/47E	EAPC	
D-IRUP	Ce551	R+P Flugcharter		OO-PCK	PC-12/47E	EAPC	
D-ISJP	Ce525A	Star Wings Dortmund	03	OO-STE	AS350B3e	Stephex Stables	
LX-JFE	PC-12/47E	Jetfly Aviation	03	OO-VMF	Ce560XLS+	Air Service Liège	11
OE-FZE	Ce510	Globe Air		PH-BEJ	Global 5000	Flying Group	
OO-KTN	A109S	Katoennatie	17	10. ST46	SF260D	CC Air	
OO-PCI	PC-12/47E	EAPC		CS-LTK	Ce680A	NetJets Europe	
OO-STF	R44	STB Copter		HB-JAZ	G550	Jet Aviation Business Jets	f/v 11
OY-JPJ	Ce650	North Flying		N127QR	Beech 300	A. Ruijgrok	
PH-BBJ	Ce560XLS+	ASL	03	OE-FAT	Ce510	GlobeAir	
PH-VCC	DA62	Cav-Okay		PH-DWS	ERJ135LR	Air Charters Europe	11
03. H31	A109BA	1w		PH-TXA	Ce510	JetNetherlands	12
D-CPRS	Beech 350	Star Wings Dortmund		11. CS-DVZ	Ce550	Taespejo Portugal	13
D-IHKW	Ce525	E-Aviation	04	CS-DXS	Ce560XLS	NetJets Europe	12
D-IOHL	Ce525A	Ohlair		OO-STD	R44	STB Copter	
M-ARTY	PC-12/47E	Creston (UK)		12. D-CEIS	Ce680	E-Aviation	
OK-UGJ	Ce680	Smartwings	04	OO-GEE	PC-12/47E	Blue Sky Aviation	13
OO-KBT	Bell 206L	Airborne		OO-IDE	Ce525	Air Service Liège	
OO-STE	AS350B3e	Stephex Stables		13. CH12	C-130H	20sq	
OO-VLS	Fokker 50	Air Antwerp	arr	9H-WIT	PC-12/47E	NextGen Aviation	15
PH-FVD	R44	Delon Air		G-LUBB	Ce525	Surrey Heli Charters	14
PH-JRC	ERJ135BJ	JetNetherlands		OK-CTR	CL-300	CTR Group	f/v 14
04. D-CEIS	Ce680	E-Aviation		14. CS-LTL	Ce680A	NetJets Europe	15
D-CFLY	Ce560XLS+	Air Hamburg	05	D-IHKW	Ce525	E-Aviation	
D-IOHL	Ce525A	Ohlair	05	OO-STE	AS350B3e	Stephex Stables	
D-IRUP	Ce551	R+P Flugcharter		15. D-CHIC	EMB500	Air Hamburg	16
F-HJFP	PC-12/47E	Get1Jet		D-FABS	PC-12/47E	Schumacher Packaging	
N5062	Cirrus SF50	Stefano Cestarelli	f/v 06	D-HANS	R44	Heli & Co	dep
05. D-IIPN	PA-34-220T	P. Nagel	06	D-IOHL	Ce525A	Ohlair	
G-ERFX	ERJ135BJ	Sirio UK		G-OSEM	R44	Sloane Helicopters	f/v
LX-JDV	Ce525 (M2)	Flying Group Luxembourg	06	I-VICC	P68B	AFOC Germany	18
OE-FMJ	Ce525A	Heron Aviation	f/v	N63DR	Kodiak 100	E. Rossillon	
OO-NEY	EMB545	Air Service Liège	21	OE-EPH	PC-12/47E	Goldeck Flug	f/v
OO-PCK	PC-12/47E	EAPC		OE-XYK	R44	Startrade	f/v
OO-STE	AS350B3e	Stephex Stables		OO-PCM	PC-12/47E	EAPC	
PH-TXA	Ce510	JetNetherlands		PH-JRC	ERJ135BJ	JetNetherlands	16 2x
06. D-CDAS	EMB500	DAS PrivateJets	07	SE-RMC	CL-300	Svenskt Industriflyg	f/v
OE-FZE	Ce510	GlobeAir		16. 9H-JZM	PC-24	Albinati Aviation	f/v
OO-VMF	Ce560XLS+	Air Service Liège	08	CS-DGR	Ce650	Airjetsul	
PH-UNC	Falcon 7X	JetNetherlands	09	CS-DVZ	Ce550	Taespejo Portugal	
07. H31	A109BA	1w		D-FNJP	PC-12/47E	Air Alliance Express	
D-ISJP	Ce525A	Star Wings Dortmund		D-IMCJ	Ce525	Heron Aviation	f/v
M-ARTY	PC-12/47E	Creston (UK)		HB-FUX	PC-12/47NGX	Pilatus Flugzeugwerke	f/v
				17. LX-JFZ	PC-12/47E	Jetfly Aviation	
				OK-UGJ	Ce680	Smartwings	18
				OO-JOE	R44	J & G	

OO-STE	AS350B3e	Stephex Stables	2x	9H-WIT	PC-12/47E	NextGen Aviation	30
OY-SWO	Falcon 2000S	Blackbird Air Charter	18 BBB5	D-FNJP	PC-12/47E	Air Alliance Express	
18. CS-PHO	EMB505	NetJets Europe	f/v	D-IZRH	Ce525	Luxaviation Germany	f/v
D-IPVD	Ce525A	Transavia Flug		D-IZST	Ce510	Bensenair	f/v 27
N68461	A75N1	R. Nagtegaal	tst	F-HJFP	PC-12/47E	Get1Jet	27
OO-JOE	R44	J & G	28	I-GAUS	P68	AFOC Germany	28
PH-DWA	ERJ145LR	Air Charters Europe	23	I-VICC	P68B	AFOC Germany	30
19. D-FNJP	PC-12/47E	Air Alliance Express		OO-LPL	Bell 47G	P. Kuypers	
OE-FWF	Ce510	VIF Luftfahrt		P4-GVV	G550	ABS Jets	f/v
OO-PCK	PC-12/47E	EAPC		27. CS-DXO	Ce560XLS	NetJets Europe	28
PH-FJK	Ce525B	ASL		OO-IDE	Ce525	Air Service Liège	03
20. CS-LTB	Ce680A	NetJets Europe		OO-STE	AS350B3e	Stephex Stables	
D-CSEB	Ce560XLS+	Adolf Würth		OY-SYS	P68C	Bio Flight	f/v 28
N68461	A75N1	R. Nagtegaal	dep	28. ST41	SF260D	CC Air	
21. 9H-WIT	PC-12/47E	NextGen Aviation	23	OK-PCC	PC-12/47E	T-Air	29
D-CAWU	Ce560XLS	Adolf Würth		OO-ESV	SV-4B	L. Cousement	
D-ITIP	Ce525	Star Wings Dortmund		OO-GSP	Ce680	Air Service Liège	tst
I-GAUS	P68	AFOC Germany	23	29. H26	A109BA	1w	
OO-PCJ	PC-12/47E	EAPC	22	ST41	SF260D	CC Air	
OO-VMF	Ce560XLS+	Air Service Liège	22	D-CJPG	Lj5A	Quick Air Service	
SE-DJL	Falcon 7X	Svenskt Industriflyg	f/v	D-CSCE	EMB505	Luxaviation Germany	
YU-BST	Ce525	Eagle Express		PH-CJM	Ce680	ASL	
22. CS-LTA	Ce680A	NetJets Europe		YU-BST	Ce525	Eagle Express	30
D-IGWT	Ce525A	Sylt Air		30. H35	A109BA	1w	
G-FFFC	Ce510	Synergy Aviation	f/v	9H-WIT	PC-12/47E	NextGen Aviation	31
OO-HSA	AS355N	Heli Service Belgium	dep	D-IRUP	Ce551	R+P Flugcharter	
OO-HSM	AS355F1	Heli Service Belgium	arr	OO-PCM	PC-12/47E	EAPC	
OO-RAY	SV-4B	R. Cuypers	f/f	PH-KFB	DA42NG	KFA	2x
OO-STE	AS350B3e	Stephex Stables	2x	31. 9H-WIT	PC-12/47E	NextGen Aviation	01
OO-VMF	Ce560XLS+	Air Service Liège	23	D-GEWF	DA42	M. Haesslich	
PH-CJM	Ce680	ASL		D-IGWT	Ce525A	Sylt Air	01
PH-TXA	Ce510	JetNetherlands		D-ITAN	Ce525	Transavia Flug	01
23. CH04	C-130H	20sq		F-HJFP	PC-12/47E	Get1Jet	01
CH05	C-130H	20sq		N127QR	Beech 300	A. Ruijgrok	
H28	A109BA	1w		N217TS	PA-46-350P	Laukatel Air	
ST41	SF260D	CC Air		OO-GSP	Ce680	Air Service Liège	dep
9H-VCA	CL-350	VistaJet Malta		OO-JOE	R44	J & G	
9H-WIT	PC-12/47E	NextGen Aviation	24	OO-PCM	PC-12/47E	EAPC	
CS-DXM	Ce560XLS	NetJets Europe	24	OO-STE	AS350B3e	Stephex Stables	
CS-RBN	Global Express	EJME (Portugal)	f/v JME508N	PH-DFD	DA42	BFS	
D-IMOI	Ce525	Proair Aviation	f/v	PH-JRC	ERJ135BJ	JetNetherlands	01
G-SENE	PA-34-200T	Orion Coil Coating	f/v	PH-MFA	DA42NG	KFA	2x
OE-GDF	EMB505	Speedwings	24	PH-TXA	Ce510	JetNetherlands	
OO-STE	AS350B3e	Stephex Stables					
PH-DFB	DA42	BFS					
PH-TCS	PA-32R-301T	M. Morrien	25 2x				
24. H28	A109BA	1w					
ST43	SF260D	CC Air					
D-GDON	DA42	Motorsportfluggr. Donauworth	f/v 25				
D-IHKW	Ce525	E-Aviation					
OE-FWF	Ce510	VIF Luftfahrt	25				
OK-PCC	PC-12/47E	T-Air	26				
OO-IDE	Ce525	Air Service Liège					
OO-MAP	PC-24	EAPC	26				
OO-STB	R22	STB Copter					
PH-JRC	ERJ135BJ	JetNetherlands					
25. D-IAAD	EMB500	Arcus Air					
26. 9H-CFB	PC-24	Flying Group	dep				

The Fokker on the 3rd returned home after maintenance. The Stearman on the 18th performed a local testflight after overhaul. It departed two days later to Hoogeveen. Former D-EIHD operated its first flight as OO-RAY on the 22nd.

Credits: ASA Belgium vzw, Luchtzak.be forum.

Brussels

			July 2020
01.01-0040	C-40B	1st AS	03
CS-DXY	Ce560XLS	NetJets Europe	dep
CS-EJA	Ce560XLS	EJME (Portugal)	dep
CS-GLE	Global 6000	NetJets Europe	
CS-PHC	EMB505	NetJets Europe	dep



The PC-12NGX was unveiled in Las Vegas on 21 October 2019. Registered as HB-FRU the third generation PC-12 was photographed in February 2020. The new demonstrator was photographed again one week later with registration HB-FUX applied. (Antwerp, 16 July 2020, Jonas Evrard)



EgyptAir took delivery of this A320neo on 1 July 2020 when it was ferried from Toulouse to Cairo. Paul Sanders caught the Airbus on camera when SU-GFN operated its first commercial flight on 11 July 2020 to Brussels.

D-CAHO	Ce560XLS+	Air Hamburg	dep	TC-SAB	CL-605	TAHE Havacilik	07
D-CXLS	Ce560XLS+	Air Hamburg		07. CS-PHG	EMB505	NetJets Europe	08 NJE355R/298W
EI-DHA	B737-8AS	Ryanair	arr RYR9926	D-BEAR	Ce750	Air X Charter	dep
EI-ENO	B737-8AS	Ryanair	arr RYR9940	D-CHIC	EMB505	Air Hamburg	
F-HEVL	EMB505	Evolem Aviation	dep	F-HINC	Lj75	Roullier Groupe	
G-VWOO	B787-9	Virgin Atlantic Airways	VIR586	F-HTLS	EMB500	PH Occitanie	
G-VWOO	B787-9	Virgin Atlantic Airways		08. 14+07	Global 6000	FBS BMVg	
HZ-SK7	G450	Sky Prime Aviation Services		606	Falcon 7X	MH 59. Sz.D. R	09
I-ZACK	Ce560 Encore+	Elilombarda		MM62026	Falcon 50	306° Gruppo TS	
N604GF	CL-604		dep	T-751	CL-604	LTDB	SUI15
OO-IDE	Ce525	Air Service Liège	dep	9H-VFH	CL-605	VistaJet Malta	09
TS-INT	A320-214	Nouvelair Tunisie	LBT396/7	CS-LTD	Ce680A	NetJets Europe	NJE974G/738M
02. 14+06	Global 6000	FBS BMVg		D-CHIC	EMB505	Air Hamburg	09
9H-VCM	CL-350	VistaJet Malta		D-CYES	Lj35A	Air Alliance	AYY107
CS-DXN	Ce560XLS	NetJets Europe		EC-LQF	CeS550	ClipperJet	ORO901/2
CS-PHD	EMB505	NetJets Europe		F-HSBL	EMB500	Pan Européenne A/S	
D-CFFF	Ce560XLS+	DC Aviation	DCS715	LX-LAA	Lj45	Luxembourg Air Rescue	arr
D-CFFF	Ce560XLS+	DC Aviation	03 DCS715	LX-PCD	PC-24	Jetfly Aviation	09
D-CNMB	Lj45	ASL Airlines Belgium		M-AAAL	G650	Global Jet Isle of Man	arr
F-GVMI	Global 6000	LVMH Services		OE-FBD	Ce510	GlobeAir	
F-HNAV	Beech 250	DGAC	arr	S5-CMM	Ce501	Janez Let	09
F-HPUR	BAe125-800XP	VallJet		TC-SAB	CL-605	TAHE Havacilik	dep
LX-JFC	PC-12/47E	Jetfly Aviation	dep	09. MM62026	Falcon 50	306° Gruppo TS	
OO-SDV	Beech 350i	SAVENCIA Fromage & Dairy Benelux		MM62169	P180E	28° Gruppo Sqd	
PH-DWA	ERJ145LR	Air Charters Europe	04 JNL1969/2969	020	C295M	8.BLTr (13.el)	
SU-GFK	A320-251N	EgyptAir	f/v MSR725/6	9H-VCD	CL-350	VistaJet Malta	10
03. CS-LTL	Ce680A	NetJets Europe	04	A9C-ASM	Lj60	Royal Jet	MEN13/23
D-BJUG	EMB550	Atlas Air Service		D-CAWO	Ce560XLS+	Aerowest	10
D-IGST	Raytheon 390	Peak Air		F-HSFJ	Ce680A	AstonJet	
G-VBEL	B787-9	Virgin Atlantic Airways	VIR586	HA-KAR	Ce525	Jet Stream	arr
LX-FPF	Ce525B	Flying Group Luxemb.	dep	I-TOPX	Beech 400A	Eurofly Service	dep
OK-XLS	Ce560XLS+	Silesia Air		LX-JFS	PC-12/47E	Jetfly Aviation	
OO-CCJ	Ce525	Air Service Liège	dep	LX-PCB	PC-24	Jetfly Aviation	arr
OO-NEY	EMB545	Air Service Liège	dep	M-ELON	EMB505	Sleepwell Aviation	
OO-SDV	Beech 350i	SAVENCIA Fromage & Dairy Benelux		10. 14+05	Global 6000	FBS BMVg	
04. CS-LTA	Ce680A	NetJets Europe		CS-DXP	Ce560XLS	NetJets Europe	
D-BOOC	Ce750	Air X Charter	arr	D-IAAB	EMB500	Arcus Air	
D-IECI	Ce500		arr	D-IGST	Raytheon 390	Peak Air	
LX-JFW	PC-12/47E	Jetfly Aviation	dep	D-ISJP	Ce525A	Excellent Air	dep
OE-FKO	Ce525A	Avcon Jet		G-VWOO	B787-9	Virgin Atlantic Airways	VIR586
OO-KOR	Ce525A	Luxaviation Belgium	arr	LX-PCA	PC-24	Jetfly Aviation	dep
OO-NEY	EMB545	Air Service Liège	arr	OE-FOG	Ce510	GlobeAir	
05. CS-PHG	EMB505	NetJets Europe	06 NJE313B/608B	OE-GBD	IAI1125SPX	Tyrol Air Ambulance	
F-HBDX	EMB505	Jetkey Invest	KBD216	OK-HAR	Ce560XL	Aeropartner	
G-KELT	A320-251N/X	Acropolis Aviation	08 DRC1	OO-CCJ	Ce525	Air Service Liège	dep
G-VYUM	B787-9	Virgin Atlantic Airways	VIR586	11. G-VBEL	B787-9	Virgin Atlantic Airways	VIR505/6
N680KH	Ce525	K.O.M. Activity		LX-PCC	PC-24	Jetfly Aviation	dep
TS-INT	A320-214	Nouvelair Tunisie	LBT396/7	OE-FAT	Ce510	GlobeAir	
06. 9H-JOS	Ce560XLS	Luxwing		OE-FOE	Ce510	GlobeAir	
9H-VFF	CL-605	VistaJet Malta		12. 606	Falcon 7X	MH 59. Sz.D. R	
CS-PHG	EMB505	NetJets Europe	07 NJE481D/119C	MM62210	Falcon 900EX	93° Gruppo TS	
D-BEAR	Ce750	Air X Charter		0001	G550	1.BLTr	13
HB-JIN	Falcon 900EX	Jet Aviation Business Jets	08	T.18-2/45-41	Falcon 900B	451 Esc	
M-ABEU	Lj45XR	Ryanair	dep	40-MNE	Lj45	Government of Montenegro	14
OE-FPP	Ce510	GlobeAir	arr	9H-GPS	Ce560XL	Luxwing	
OO-GLM	Ce680	Air Service Liège		CS-CHF	CL-350	NetJets Europe	13
PH-TXA	Ce510	ASL		D-IGST	Raytheon 390	Peak Air	

	EC-NAR	Ce525A	Air Taxi & Charter International	13	CS-LTM	Ce680A	NetJets Europe	dep
	F-GLLM	Falcon 8X	Dassault Falcon Services		D-BJUG	EMB550	Atlas Air Service	
	N441PC	Lj35A	REVA	arr	F-HRAM	ERJ145LU	Amelia International	dep
	N604GF	CL-604		dep	F-HVYC	Ce560XLS+	Lyreco	
13.	1257	Yak-40K	241.dlt		LX-JFX	PC-12/47E	Jetfly Aviation	21
	C-168	CL-604	Esk 721		LX-PCA	PC-24	Jetfly Aviation	
	678	G-V	352 MMYP		OK-MPM	PA-42-720	TrustAir	20
	606	Falcon 7X	MH 59. Sz.D. R		20.1257	Yak-40K	241.dlt	
	T.18-2/45-41	Falcon 900B	451 Esc		MM62029	Falcon 50	306° Gruppo TS	dep
	102005/025	Tp102D	74 Airlift sq	arr	D-CCCA	Lj35A	Jet Executive International	arr
	4L-GAA	CL-850	Government of Georgia	14	D-IEFD	Ce525 (M2)	E-Aviation	arr
	CS-LTF	Ce680A	NetJets Europe	14	F-HEMI	Ce525A	VallJet	arr
	CS-PHA	EMB505	NetJets Europe	14	HB-JIN	Falcon 900EX	Jet Aviation Business Jets	
	D-BJMS	Falcon 50EX	European Air Transport		M-ABJA	Lj45XR	Ryanair	dep
	D-IEMO	Raytheon 390	Pro Jet		OE-GLC	Ce680A	Goldeck-Flug	
	D-IOHL	Ce525A	Excellent Air	ECA3C	OH-WII	CL-604	Jetflite	
	F-HMED	BAe125-1000B	Airlec	arr	OK-FTR	Ce510	CTR Group	
	G-VYUM	B787-9	Virgin Atlantic Airways	VIR505/6	21.678	G-V	352 MMYP	dep
	OH-WIX	Falcon 7X	Jetflite		606	Falcon 7X	MH 59. Sz.D. R	dep
	OM-BYB	Fokker 100	Government of Slovakia	SSG4	252	CN235M-100	101sq	dep
14.	9H-VCN	CL-350	VistaJet Malta	arr	102005/025	Tp102D	74 Airlift sq	dep
	D-IAAT	EMB500	Arcus Air		9A-CRO	CL-604	Government of Croatia	dep
	HB-JIN	Falcon 900EX	Jet Aviation Business Jets		9H-VFB	CL-605	VistaJet Malta	dep
	OK-MPM	PA-42-720	TrustAir	arr	CS-PHO	EMB505	NetJets Europe	dep
15.	14+04	Global 5000	FBS BMVg		CS-TFQ	Lj45XR	Airjetsul	arr
	9H-VFH	CL-605	VistaJet Malta		D-IOHL	Ce525A	Excellent Air	ECA3C
	CN-TNM	Falcon 20F	Alfa Air		LZ-OOI	Falcon 2000	Government of Bulgaria	dep
	CS-PHB	EMB505	NetJets Europe		M-ELON	EMB505	Sleepwell Aviation	23
	D-ISLT	Ce525A	Sylt Air	arr	OE-FOE	Ce510	GlobeAir	22
	F-HBDX	EMB505	Jetkey Invest	KBD216	OH-WIL	G150	Jetflite	dep
	F-HINC	Lj75	Roullier Groupe		T7-ACA	Ce525	Rapid Aviation	arr
	F-HXPG	P180	Oyonnair		22.2-JACK	PA-46-500TP	Icaris Ventura	
	G-VDIA	B787-9	Virgin Atlantic Airways	VIR505/6	CS-GLB	Global 6000	NetJets Europe	dep
	LX-JFH	PC-12/47E	Jetfly Aviation		D-AFAB	CL-604	FAI Rent-A-Jet	23
	OE-HNB	CL-300	International Jet Management	arr	D-AOLH	Fokker 100	Avanti Air	24 ATV101H/025H
	OK-KIN	Ce525B	Aeropartner	arr	F-HIJD	Ce525A	D-Aeris	
	OO-NGI	ERJ190BJ	Flying Group	arr	M-INTY	G280	Hampshire Aviation	dep
	SP-KPE	Saab 340A(QC)	SprintAir		OE-IAC	B737-4M0(F)	ASL Airl. Belg. div 23 TAY4297/990	
	TS-IFM	A330-243	Tunisair		TF-BBM	B737-4Q8(F)	Bluebird Nordic div 23 TAY4251/4998	
16.	2801	A319-115X	241.dlt	18	YU-BRZ	Lj31A	Avio Service	24
	86/F-RAFB	Falcon 7X	ET00.060	18	23.9A-JSD	Ce525A	Jung Sky	
	678	G-V	352 MMYP	18	CS-CHC	CL-350	NetJets Europe	
	252	CN235M-100	101sq	arr	CS-DXN	Ce560XLS	NetJets Europe	dep
	280	PC-12/47E	104sq	arr	CS-LTF	Ce680A	NetJets Europe	arr
	06	C-27J	Transporto Esk	18	CS-LTN	Ce680A	NetJets Europe	dep
	T.22-1	A310-304	451 Esc	21	D-CAPB	Ce560 Encore+	Aerowest	
	102005/025	Tp102D	74 Airlift sq	18	HA-TAG	Saab 340A(F)	Fleet Air Int'l	FRF300/1
	9A-CRO	CL-604	Government of Croatia	18	M-INTY	G280	Hampshire Aviation	
	9H-VFB	CL-605	VistaJet Malta	19	N888RU	Global Express	Ose Varf Global	dep
	D-AFUN	ERJ135BJ	Air Hamburg	arr	OE-FCB	Ce510	GlobeAir	24
	D-CQAJ	Lj35A	Quick Air Jet Charter		UR-ABA	A319-115X	Government of Ukraine	UKN1203/4
	LX-JFH	PC-12/47E	Jetfly Aviation	dep	ZS-ZEN	BAe125-800A	Owenair	24
	N200LX	Falcon 2000LXS	Jetstream Aviation	21	24.252	CN235M-100	101sq	arr
	OE-GJW	Lj75	Avcon Jet	arr	D-AFAL	Global Express	FAI Rent-A-Jet	25 IFA1301/0239
	OE-LUA	CL-650	International Jet Management		D-IGST	Raytheon 390	Peak Air	
	OH-WIW	CL650	Jetflite	21	F-HTLS	EMB500	PH Occitanie	
	OM-BYK	A319	Government of Slovakia	21 SSG2	HA-TAB	Saab 340A(F)	Fleet Air Int'l	27 FRF114/100
	YU-SRB	ERJ135BJ	Serbian Government	arr	HB-JIN	Falcon 900EX	Jet Aviation Business Jets	
17.	D-ATWO	CL-604	Air Alliance		LX-FPF	Ce525B	Flying Group Luxemb.	arr
	F-HRAM	ERJ145LU	Amelia International		LX-LAA	Lj45	Luxembourg Air Rescue	
	LX-JFC	PC-12/47E	Jetfly Aviation	dep	25.CS-DXF	Ce560XLS	NetJets Europe	
	LX-JFX	PC-12/47E	Jetfly Aviation		F-HSBL	EMB500	Pan Européenne A/S	26
	N680KH	Ce525	K.O.M. Activity		G-CISK	ERJ145LR	Eastern Airways	
	S5-CMM	Ce501	Janez Let	21	G-VNYL	B787-9	Virgin Atlantic Airways	
18.	MM62174	A319-115X	306° Gruppo TS	dep	OK-BII	Beech 400A	JetBee Czech	26
	LZ-OOI	Falcon 2000	Government of Bulgaria	dep	26.F-HTLS	EMB500	PH Occitanie	
	OH-WIL	G150	Jetflite	dep	F-HVYC	Ce560XLS+	Lyreco	
19.	C-168	CL-604	Esk 721	dep	OE-FWF	Ce510	GlobeAir	
	678	G-V	352 MMYP	dep	YU-TUC	Ce550 Bravo	Air Pink	
	252	CN235M-100	101sq		27.CS-CHC	CL-350	NetJets Europe	
	253	CN235M-100	101sq	20	D-CKNA	Ce525C	Star Wings Dortmund	
	MM62174	A319-115X	306° Gruppo TS	21	N551SW	Global Express	Falcon 2000LXS	28
	06	C-27J	Transporto Esk	21	PH-PKF	Falcon 2000LXS	ASL	
	17401	Falcon 50	Esq504		VP-BIB	Ce525C	Omy Aviation	
	9A-CRO	CL-604	Government of Croatia	dep	XA-CHG	G550	Aerolineas Ejecutivas	12
	CS-LTJ	Ce680A	NetJets Europe	arr	28.CS-DXV	Ce560XLS	NetJets Europe	arr



In October 2017 a contract was awarded to NHV for the training of (future) French Navy helicopter pilots. For this purpose NHV provides the instructors for pilot training as well as the necessary helicopters. AS365N2 F-HGHN was photographed during a local test flight a few days before it departed the NHV base after maintenance. (Ostend, 24 July 2020, Nik Deblauwe)

CS-LAS	Ce680A	NetJets Europe		09.CH11	C-130H	20sq	*
D-IGST	Raytheon 390	Peak Air		H28	A109BA	17sq	*
LZ-BVE	Lj60XR	Air Volta		H31	A109BA	17sq	*
OO-VMF	Ce560XLS+	Air Service Liège	arr	10.ST46	SF260D	CC Air (grey c/s)	*
SE-RMO	Lj45XR	H-Bird Avn Services		J-066	F-16BM	322sq/KTV	*
29.D-IAAB	EMB500	Arcus Air	30	L-02	PC-7	131EMVOsq	*
TS-INT	A320-214	Nouvelair Tunisie	LBT396/7	13.ST41	SF260D	CC Air (grey c/s)	*
30.9H-ALL	Ce525A	Luxwing		ST46	SF260D	CC Air (grey c/s)	*
9H-VJH	Global 6000	VistaJet Malta		84-0087	C-21A	76th AS	*
CS-DXJ	Ce560XLS	NetJets Europe	31	14.H31	A109BA	17sq	*
D-CHGS	EMB505	Air Alliance		15.ST18	SF260M+	CC Air (Red Devils c/s)	*
D-IGST	Raytheon 390	Peak Air	arr	16.CE02	ERJ135LR	21sq	*
F-GMTJ	Ce510	AstonJet		H26	A109BA	17sq	*
F-GVMI	Global 6000	LVMH Services		22.CH01	C-130H	20sq	*
LX-JFY	PC-12/47E	Jetfly Aviation		24.CH05	C-130H	20sq	*
N820HB	G-V	Executive Fliteways	31	FB14	F-16BM	2w	*
OE-FZA	Ce510	GlobeAir	31	H28	A109BA	17sq	*
OK-MYS	Ce510	Air Prague	31 PRG31A	27.CH05	C-130H	20sq	*
YU-BNA	Falcon 50	Serbian Government		ST43	SF260D	CC Air (grey c/s)	*
31.CS-DQA	Ce560XLS	NetJets Europe	arr	28.CH01	C-130H	20sq	*
D-CBBB	Ce560XLS+	DC Aviation		H28	A109BA	17sq	*
D-CHIC	EMB505	Air Hamburg		ST04	SF260M+	CC Air (yellow c/s)	*
LX-JFY	PC-12/47E	Jetfly Aviation	dep	29.FA117	F-16AM	2w	*
LZ-BVE	Lj60XR	Air Volta		H26	A109BA	17sq	*
N507GD	G500	Gulfstream Aerospace	arr	H35	A109BA	17sq	*
				30.CH05	C-130H	20sq	*
				H35	A109BA	17sq	*
				ST18	SF260M+	CC Air (Red Devils c/s)	*
				Q-09	AH-64DN	301sq	*
				Q-25	AH-64DN	301sq	*
				31.Q-05	AH-64DN	301sq	*
				Q-25	AH-64DN	301sq	*

Ryanair ferried two aircraft to Brussels on the 1st. The Air Charters Europe Embraer on the 2nd operated the first regular service to Ibiza. The rest of the flights were being operated by its smaller sistership PH-DWS. On the 22nd two late night diversions due to a fire in a hangar in Liège.

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

Kleine Brogel

July 2020			
01.CH12	C-130H	20sq	
H27	A109BA	17sq	
RN02	NH90-NFH	40sq	
ST41	SF260D	CC Air (grey c/s)	
03.CH11	C-130H	20sq	*
FA83	F-16AM	2w	*
FA135	F-16AM	2w	*
H46	A109BA	17sq	*
ST41	SF260D	CC Air (grey c/s)	*
LX-N90446	E-3A	NAEW&CF	*
06.CH09	C-130H	20sq	*
FA117	F-16AM	2w	*
07.FB14	F-16BM	2w	*
ST46	SF260D	CC Air (grey c/s)	*
08.CH09	C-130H	20sq	*
FB14	F-16BM	2w	*
H38	A109BA	17sq	*

Credits: Rik Brebels, Mathias Bijmens, Toon Cox, Stephan Lodewijks.

Koksijde

July 2020			
01.H28	A109BA	17sq	
02.H28	A109BA	17sq	
03.FA70	F-16AM	2w	*
FA121	F-16AM	2w	*
H26	A109BA	17sq	*
H31	A109BA	17sq	*
ST16	SF260M+	CC Air	*
07.H31	A109BA	17sq	
08.FA136	F-16AM	10w	2x *
H26	A109BA	17sq	
ST46	SF260D	CC Air	
10.H27	A109BA	17sq	
H46	A109BA	17sq	
ST41	SF260D	CC Air	*
13.N-318	NH90-NFH	860sq	
14.H31	A109BA	17sq	



Former China Cargo Airlines Boeing 747 B-2428 has recently been acquired by Air Atlanta Icelandic. The aircraft was ferried to Belgium on 29 July and it will be operated for Saudia as TF-AMB. (Liège, 31 July 2020, Jochem Jottier)

15. H28	A109BA	17sq	*	PH-MFX	Ce650	JetNetherlands	15 2x
H31	A109BA	17sq		16. RA-82081	An-124-100	Volga-Dnepr	17 VDA3615/74
ST26	SF260M+	CC Air (yellow c/s)	2x *	22. ES-PWC	AW139	Piirivalve Lennusalk	tst
ST41	SF260D	CC Air	2x *	YR-FZA	Fokker 100	Carpatair	KRP3095/6
16. H28	A109BA	17sq		23. ES-PWC	AW139	Piirivalve Lennusalk	tst
H31	A109BA	17sq		24. CS-PHB	EMB505	NetJets Europe	NJE708C/9QL
H35	A109BA	17sq	*	D-CEFO	Ce560XLS+	Air Hamburg	25 AHO372J/379A
22. FA126	F-16AM	10w	*	ES-PWC	AW139	Piirivalve Lennusalk	dep
FA136	F-16AM	10w	*	G-ERFX	ERJ135BJ	Sirio UK	FLJ611
RN06	NH90-TTH	18sq	*	OE-GJP	Ce525B	Smartline Aero	
ST18	SF260M+	CC Air (Red Devils c/s)	4x *	S5-ACJ	ERJ145LU	Amelia International	AEH311/2
23. CH04	C-130H	20sq	2x *	25. 4X-CMC	Ce560	Arrow Aviation	
FA77	F-16AM	10w	2x *	TF-AMC	B747-412F	Magma Aviation	del 04 ABD39P
FA95	F-16AM	10w	2x *	26. OE-GJP	Ce525B	Smartline Aero	
FA101	F-16AM	2w (demo c/s)	*	27. D-AFAN	CL-850	FAI Rent-A-Jet	IFA6193
FA121	F-16AM	2w	*	28. D-AFAN	CL-850	FAI Rent-A-Jet	IFA6193
FA131	F-16AM	10w	2x *	OE-FIT	Ce510	GlobeAir	<u>GAC730H/J</u>
ST35	SF260M+	CC Air (Red Devils c/s)	*	29. D-IUNQ	Ce510	Luxaviation Germany	dep
27. ST41	SF260D	CC Air	*	F-HMAU	EMB500	Lei Moa	
F-HGHN	AS365N2	22S / NHV	*	30. F-HSBP	AW139	SCAR	arr
28. 157	AS365N3	35F	*	TF-AMB	B747-412F	Saudia	del 06 ABD38P
29. FA95	F-16AM	10w	*	31. CS-LTN	Ce680A	NetJets Europe	NJE155T/282C
FA124	F-16AM	10w (spec mks)	*	F-GTKJ	Beech 1900D	Twin Jet	TJT800B/C
H28	A109BA	17sq	*	UR-CQV	An-26B	Vulcan Air	arr
30. FB24	F-16BM	10w/OCU (spec mks)	3x *				

The Dutch NH90 on the 13th was refuelling prior returning to De Kooy. On 23 July Koksijde was visited by C-130H CH04 for the last time as this Hercules transporter was performing a farewell flight prior to withdraw from service later that day. In the end of the month some nice changes. on 27 July a French Navy AS365N2 with a civil registration skimmed by while cruising along the coastline southbound from Ostend. One day later another French Navy AS365N3 went in opposite direction to Ostend.

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

Liège

July 2020			
01. 9H-OPE	Global 6000	VistaJet Malta	dep VJT763
F-HLRY	EMB500	GIE Mustang	
OE-FCO	Ce510	GlobeAir	GAC193D/082E
OO-OCA	Beech 350	Air Service Liège	
OO-PCJ	PC-12/47E	European Aircraft Private Club	
RA-76951	IL-76TD-90	Volga-Dnepr	02 VDA3622
02. OK-BMM	Beech 400A	Alpha Aviation	
04. OE-FCO	Ce510	GlobeAir	GAC035T/813W
08. UR-11316	An-12BK	Motor Sich	MSI6550/49
09. M-NTOS	Ce525C	Perfetti Van Melle	11
OE-FOE	Ce510	GlobeAir	GAC331B/220C
OO-PCN	PC-12/47E	European Aircraft Private Club	2x
11. EW-450TR	IL-62MGr	Rada Airlines	12 RDA3052/3
12. D-CEFO	Ce560XLS+	Air Hamburg	AHO372J
14. N949CA	P2012	Cape Air	f/v

On the 14th a Tecnam visited Liège while enroute to the USA on delivery to Cape Air. The Estonian Border Guard helicopter performed two local test flights on the 22nd and 23rd before returning home on the 24th. Carpatair operated a charter for AS Monaco on the 22nd. On the 25th a new addition for Air Atlanta arrived from Shannon in Magma colours. A second new fleet addition for Air Atlanta arrived on the 30th in Saudia colours.

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

Ostend-Bruges

July 2020			
01. N740CK	B747-4H6(F)	Kalitta Air	CMB162
OO-CFW	PC-12/47E	NextGen Aviation	dep
OO-CFW	PC-12/47E	NextGen Aviation	
OO-SCT	Ce525C	Luxaviation Belgium	dep AAB954
OO-SCT	Ce525C	Luxaviation Belgium	29 AAB954/231
SP-ATT	Beech 400XP	Smart Jet	dep SAH48P
TF-AMI	B747-412(F)	Magma Aviation	SXY332/ABD393P
02. A7-BFA	B777-FDZ	Qatar Airways Cargo	QTR8176
A7-BFH	B777-FDZ	Qatar Airways Cargo	QTR8144
LX-JFS	PC-12/47E	Jetfly Aviation	JFA67H/24S
OO-CFW	PC-12/47E	NextGen Aviation	
OO-PAR	Ce525B	Luxaviation Belgium	AAB768/125
03. A7-BFP	B777-FDZ	Qatar Airways Cargo	QTR8178
M-PCPC	PC-12/45	3FS Aviation	
N740CK	B747-4H6(F)	Kalitta Air	CMB163
PH-NNX	Ce750	ASL	04
04. A7-BFQ	B777-FDZ	Qatar Airways Cargo	QTR8142
PH-NNX	Ce750	ASL	arr

05. A7-BFP	B777-FDZ	Qatar Airways Cargo	QTR8132	D-BFIL	EMB545	Atlas Air Service	ATL8F
LX-JFY	PC-12/47E	Jetfly Aviation	JFA09J/68G	20. D-ASBG	Falcon 900EX	Airservice Bremgarten	
OE-FPK	Ce525A+	Salzburg Jet Aviation	MOZ437	VP-BWR	B737-79T	Universal Aviation	
TF-AMM	B747-4H6(F)	Astral Aviation	ABD4555/4470	21. A7-BFG	B777-FDZ	Qatar Airways Cargo	QTR8022
06. A7-BFK	B777-FDZ	Qatar Airways Cargo	QTR8917	TF-AMN	B747-4F6(F)	Magma Aviation	ABD349P/325
D-IVPD	Ce525A	Transavia Flug		22. PH-CPI	EMB500	NextGen Aviation	23
M-PCPC	PC-12/45	3FS Aviation		23. A7-BFN	B777-FDZ	Qatar Airways Cargo	QTR8186
N740CK	B747-4H6(F)	Kalitta Air	CMB165	A7-BFS	B777-FDZ	Qatar Airways Cargo	ATR8144
N910RW	TBM-910	Flying Smart		CS-TRJ	A321-231	21sq	BAF631
TF-AMN	B747-4F6(F)	Magma Aviation	07 ABD327P/325	PH-CPI	EMB500	NextGen Aviation	29
07. D-ICCC	CeF406	Air-Taxi Europe	TWG100/200	24. D-ASBG	Falcon 900EX	Airservice Bremgarten	
08. G-IPLY	Ce550B	Regency Jet		D-BFIL	EMB545	Atlas Air Service	ATL8F
09. A7-BFH	B777-FDZ	Qatar Airways Cargo	QTR8166	G-JOTD	BAe146-300QT	Jota Aviation	ENZ128/128F
A7-BFJ	B777-FDZ	Qatar Airways Cargo	QTR8144	LX-JFF	PC-12/47E	Jetfly Aviation	JFA56Y/98R
D-FUNC	Ce208B	IAS Itzehoer Airservice	FNK2	M-CLAB	CL-300	Shamrock Trading	26
EC-NKH	Ce680A	Boluda Towage		OH-SSS	PC-12/47E	Fly 7 Executive Aviation	
EC-JIP	SA226TC	Flightline	10 FTL532/561	25. CS-DOI	Ce525	Taespejo Portugal	TES361
HA-TAG	Saab 340A(F)	Fleet Air International	20 FRF301/0	CS-LTG	Ce680A	NetJets Europe	NJE9BA/234D
N740CK	B747-4H6(F)	Kalitta Air	CMB161	HB-FXC	PC-12/47E	TAG Aviation	
TF-AMM	B747-4H6(F)	Astral Aviation	10 ABD4769/72	T7-ASK	A300B4-622R(F)	San Marino Exec'Avn	26 SMF602/101
TF-AMP	B747-481(F)	Magma Aviation	10 ABD344P/320	26. A7-BFR	B777-FDZ	Qatar Airways Cargo	QTR8144
10. HA-TAB	Saab 340A(F)	Fleet Air International	11 FRF100	LX-JFY	PC-12/47E	Jetfly Aviation	JFA29C/07W
N709CK	B747-4B5(F)	Kalitta Air	CMB162	N165SL	P180	AGCT	arr
PH-NNX	Ce750	ASL	11	OE-EGO	PC-12/47E	Airlink	
TF-AMM	B747-4H6(F)	Astral Aviation	ABD4773/4	27. F-HGHN	AS365N2	22S / NHV	dep
UR-CQV	An-26B	Vulkan Air	13 VKA142/198	29. 089/YJ	EMB121AA	EAT00.319	FNJ5025
VP-BWR	B737-79T	Universal Aviation		PH-NNX	Ce750	ASL	arr
11. PH-NNX	Ce750	ASL	23	30. A7-BFJ	B777-FDZ	Qatar Airways Cargo	QTR8144
T7-ASK	A300B4-622R(F)	San Marino Exec'Avn	12 SMF601/701	D-ICVA	Beech 58P		arr
12. A7-BFF	B777-FDZ	Qatar Airways Cargo	QTR8144	PH-CPI	EMB500	NextGen Aviation	
T7-ASK	A300B4-622R(F)	San Marino Exec'Avn	13 SMF702/101	T7-ASK	A300B4-622R(F)	San Marino Exec'Avn	31 SMF602/101
13. 9H-WIT	PC-12/47E	NextGen Aviation (Malta)	14	31. D-ASBG	Falcon 900EX	Airservice Bremgarten	
CS-TRJ	A321-231	21sq	BAF634	M-GETS	PC-12/47E	3FS Aviation	
D-ASBG	Falcon 900EX	Airservice Bremgarten		SP-THC	PC-12/47E	Goldwings Flight Academy	arr
TF-AMP	B747-481(F)	Magma Aviation	14 ABD373/325	SU-GFH	A220-300	EgyptAir	f/v MSR3330
UR-09307	An-22A	Antonov Airlines	16 ADB535F/5435				
14. D-CBBB	Ce560XLS+	DC Aviation					
PH-CPI	EMB500	NextGen Aviation					
RA-89119	RRJ-95B	Severstal	f/v 15 SSF9741/2				
15. 9H-WIT	PC-12/47E	NextGen Aviation	16				
D-FABS	PC-12/47E	Schumacher Packaging					
TF-AMP	B747-481(F)	Magma Aviation	ABD346/323				
16. 9H-WIT	PC-12/47E	NextGen Aviation					
A7-BFD	B777-FDZ	Qatar Airways Cargo	QTR8186				
A7-BFR	B777-FDZ	Qatar Airways Cargo	QTR8144				
A7-BFU	B777-FDZ	Qatar Airways Cargo	QTR8176				
D-ASBG	Falcon 900EX	Airservice Bremgarten					
OE-FMJ	Ce525A+	Heron Aviation	17 HRN122				
PH-CPI	EMB500	NextGen Aviation					
17. T7-ASK	A300B4-622R(F)	San Marino Exec'Avn	20 SMF502/101				
YR-FZA	Fokker 100	Carpatair	KRP3093/3094				
18. UR-09307	An-22A	Antonov Des. Bur.	19 ADB6436/536F				
19. A7-BFR	B777-FDZ	Qatar Airways Cargo	QTR8019				

EgyptAir Cargo:

SU-GCE 02, 05, 26² SU-GCJ 08, 14, 22, 23
 SU-GCF 09, 12, 16, 19, 22, 29, 30

TUI Belgium:

OO-JAX 03-14 daily OO-JBG 28-31 daily
 OO-JAY 16-21, 23-28, 30-31 daily OO-JLO 14-28 daily

The highlight of July 2020 has to be the An-22A arriving on the 13th. It returned on the 18th and continuing home to Gos-tomel, Ukraine. Severstal brought one of their Sukhoi Jets to Ostend on 14 July. The San Marino Executive Aviation A300 freighter also paid various visits while hauling freight all over the world. On the last day of the month EgyptAir ferried another brand new A220 via Ostend to Egypt.

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



RRJ-95B RA-89119 was registered to Severstal on 26 December 2018. The aircraft had a problem with a Liebherr-produced component and was cleared to fly on 7 March 2019. (Ostend, 14 July 2020, Nik Deblauwe)

Military Movements Elsewhere



P-3M P.3M-09 is one of the only three operational P-3Ms in the Spanish Air Force. This aircraft is normally based at Moron but was photographed during take-off at Murcia. (3 June 2020, José Damián González)

Germany

Geilenkirchen

			July 2020
01.CH09	C-130H	20sm	* BAF665
14+06	Global 5000	FBS BMVg	GAF679
16.F-GIXT	B737-39M(QC)	ASL Airlines France	TAY581/5015
22.041	Falcon 20ECM	717Skv	NOW717D
84-00165	C-12U-3	1-214th AVN	* Duke31
23.33/XL	TBM-700A	ET00.043	CTM3827
29.OE-LFB	B757-23A(F)	ASL Airlines Belgium	TAY2014/503
30.Q-04	AH-64D	301sq	* Redskin14
Q-09	AH-64D	301sq	* Redsk11form
Q-13	AH-64D	301sq	* Redsk11form
Q-25	AH-64D	301sq	* Redsk11form

Credits: Rolf Flinzner. Scramble messageboard.

Nürnberg

			July 2020
01.84+58	CH-53G	HSG64	Duke31
84-00165	C-12U-3	E/1-214th AVN	Rch625
02.08-8197	C-17A	62nd AW	GNY4530
04.60+05	P-3C	MFG3	* Hawk428
06.76+15	H-145M	HSG64	*
6x	AH-64D	1-3rd AVN	GAF631
07.54+29	A400M	LTG62	SUI785
08.T-785	Falcon 900	LTDB	* GAF685
14+03	Global 5000	FBS BMVg	* Mity91
09.85+10	CH-53GS	HSG64	GAF608
13.54+17	A400M	LTG62	GAF699
54+34	A400M	LTG62	GAF631
14.54+17	A400M	LTG62	Hawk448
76+04	H-145M	HSG64	* Herky82
07-8608/RS	C-130J-30	37th AS	* Herky83
15-5831/RS	C-130J-30	37th AS	Herky303
14.16-5873/LI	HC-130J	139th AS NY ANG	Duke89
15.84-00165	C-12U-3	E/1-214th AVN	SUI785
16.T-785	Falcon 900	LTDB	SUI786
T-786	PC-24	LTDB	Bartok15
17.01	C-17A	HAW	Duke89
84-00157	C-12U-3	E/1-214th AVN	GNY4530
18.60+05	P-3C	MFG3	Herky713
15-5831/RS	C-130J-30	37th AS	GAF608
20.54+31	A400M	LTG62	SUI751
T-751	CL-604	LTDB	Duke46
97-00102	UC-35A	E/1-214th AVN	* GAF887
21.15+03	A319-133CJ	FBS BMVg	* GAF631
54+30	A400M	LTG62	Duke15
84-00165	C-12U-3	E/1-214th AVN	* Army72098
22.09-72098	UH-72A	JMRC	GAF722
23.54+29	A400M	LTG62	

23.84-00157	C-12U-3	E/1-214th AVN	Duke15
09-72098	UH-72A	JMRC	* Army72098
24.77+02	H-145M	THR30	Joker67
26.60+05	P-3C	MFG3	GNY4530
27.15+03	A319-133X	FBS BMVg	GAF827
89-9103	C-130H	357th AS AFRC	Herky305
YU-BRZ	Lj31A	Gvmt of Serbia	
28.72+33	UH-1D	THR30	* Joker78
77+02	H-145M	THR30	* Joker50
29.14+06	Global 5000	FBS BMVg	GAF689
31.89-9103	C-130H	357th AS AFRC	Herky717

Credits: MAR, Scramble messageboard.

Wiesbaden

			June 2020
02.89-26163	UH-60A	C/1-214th AVN	
06.08-3176/RS	C-130J-30	37th AS	
15-5822/RS	C-130J-30	37th AS	
08.01-0029	C-37A	76th AS	
17.85-24397	UH-60A	C/1-214th AVN	
24.ZE701	BAe146 CC2	32(TR)sq	
30.13-08435	CH-47F	B/1-214th AVN	
13-08436	CH-47F	B/1-214th AVN	
84-00170	C-12U-3	D/204th MI Bn	

July 2020

01.CH09	C-130H	20sm	*
15-5831/RS	C-130J-30	37th AS	
13-08436	CH-47F	B/1-214th AVN	
84-00170	C-12U-3	D/204th MI Bn	
07.84-00170	C-12U-3	D/204th MI Bn	

Credits: MAR, Scramble messageboard.

United Kingdom

			July 2020
Brize Norton			
01.ZH900	Chinook HC5	27sq	* Tusker1
12-0064	CV-22B	7th SOS	Knife72
02.ZJ183	Apache AH1	for Boeing	a/f out
ZJ193	Apache AH1	for Boeing	a/f out
ZA679	Chinook HC6A	28sq	* SHF269
03.ZA712	Chinook HC6A	28sq	* SHF264
ZK558	Chinook HC6	arrived by road,	a/f out 05
04.130616	CC-130J-30	436sq	CFC4270
05.ZZ515	Wildcat HMA2	nn	
06.Z21121/TS-MTK	C-130J-30	21sq	Tunisian43
XW224	Puma HC2	Benson Wing	* SHF232
07.GZ100	AW109SP	32(TR)sq	NOH24/02
07-8609/RS	C-130J-30	37th AS	10 Herky61
12-0064	CV-22B	7th SOS	* Knife71
08.102004	Tp102D	74 Airliftsq	SVF651

Z21121/TS-MTK C-130J-30	21sq	Tunisian43	Coningsby		July 2020
ZJ181 Apache AH1	AAC	* Scarecrow1	02.XX188 Hawk T1	RAFAT	* Red8
ZJ199 Apache AH1	AAC	* Scarecrow2	XX311 Hawk T1	RAFAT	* Red7
ZJ128 Merlin HC4	846NAS	* Commando513	XW204 Puma HC2	Benson Wing	Kukri1
XW232 Puma HC2	Benson Wing	SHF365	ZA935 Puma HC2	Benson Wing	Kukri2
10.84006/846 Tp84	71 Airliftsq	SVF823	16.XX349/CP Hawk T1A	100sq	* Pirate14
ZJ131 Merlin HC4	846NAS	Commando528	23.XX337/CM Hawk T1A	100sq	* Javelin02
ZZ385 Wildcat AH1	659sq	Valiant71	27. XX205/CK Hawk T1A	100sq	* Pirate17
13.ZK067/B Bell212 AH3	JHC	20 a/f out AA734	91-0316/LN F-15E	494th FS	* Jazz41Flt
XX239/CU Hawk T1W	736NAS	* Kraken42	91-0324/LN F-15E	494th FS	* Jazz41Flt
ZJ119/C Merlin HC4	846NAS	* Victor559	28.ZM304 Prefect T1	3FTS	29 BKH94
ZZ416 Shadow R1	14sq	Snake46	97-0221/LN F-15E	494th FS	* Jungle21
OO-LUM Falcon 7X	21sm	BAF80	01-2004/LN F-15E	494th FS	* Jungle21
14.12-0064 CV-22B	7th SOS	Knife72	29.ZM145 F-35B	207/617sq	* Marham64
12-0065 CV-22B	7th SOS	Knife73			
15.1x Chinook HC?	nn	a/f in			
ZH003 Defender AL2	651sq	AAC528	<u>Credits:</u> MAR, Scramble messageboard.		
ZZ414 Wildcat HMA2	815NAS	Martlet301	Fairford		July 2020
16.1x AS365N3	658sq	*	08.13-5786 MC-130J	67th SOS	* Strix44
ZK016/G Hawk T2	4sq	* VYT39	29.58-0036/D KC-135R	351st ARS	Quid34
ZK019/J Hawk T2	4sq	* VYT30	68-10337 U-2S	99th ERS	tdy
08-0047 CV-22B	7th SOS	* Knife71	80-1083 U-2S	99th ERS	tdy
17.ZE701 BAe146 CC2	32(TR)sq	RRR1329			
OO-LUM Falcon 7X	21sm	BAF82	<u>Credits:</u> MAR, Scramble messageboard.		
18.ZD574 Chinook HC6A	nn		Farnborough		July 2020
ZD575/DC Chinook HC6A		27 out by road	03.A6-SHJ A320-232X	Gvmt of Sharjah	10 SHJ01
20.ZJ221 Apache AH1	AAC	Machete2	06.ZE707 BAe146 C3	32(TR)sq	NOH14
ZJ224 Apache AH1	AAC	Machete1	09.A6-ESH A319-133X	Gvmt of Sharjah	10 SHJ02
ZE701 BAe146 CC2	32(TR)sq	RRR1331	12.A6-HHH G650	Gvmt of Dubai	DUB15
62-3540/D KC-135R	351st ARS	* Quid15	13.ZZ405 Wildcat AH1	661sq	Carbon10
21.ZE701 BAe146 CC2	32(TR)sq	RRR1331	ZZ523 Wildcat AH1	652sq	Polecat07
XW865 Gazelle AH1	BATUS	a/f in, 23 out by road	ZZ524 Wildcat AH1	652sq	Polecat08
ZB677 Gazelle AH1	BATUS	a/f in, 23 out by road	17.A6-HHH G650	Gvmt of Dubai	DUB15
23.ZJ198 Apache AH1	AAC	Viper1	24.ZZ391 Wildcat AH1	659sq	Valiant61
ZJ221 Apache AH1	AAC	Viper2			
ZH775 Chinook HC6A	27sq	* SHF390	<u>Credits:</u> MAR, Scramble messageboard.		
ZE707 BAe146 C3	32(TR)sq	NOH35	Lakenheath		July 2020
XW204 Puma HC2	Benson Wing	2x * SHF338/334	09.84-00165 C-12U-3	E/1-214th AVN	Duke18
09-6207 MC-130J	67th SOS	* Strix67	01-0029 C-37A	76th AS	10 Spar80
24.ZE701 BAe146 CC2	32(TR)sq	NOH99	10.ZJ131 Merlin HC4	845NAS	2x Commando528
ZK433 Typhoon FGR4	41sq	* Rebel55	XW232 Puma HC2	Benson Wing	SHF247
27.11-5731 MC-130J	67th SOS	* Strix67	84-0087 C-21A	76th AS	Falcon01
15-5831/RS C-130J-30	37th AS	30 Herky61	84-00165 C-12U-3	E/1-214th AVN	Duke18
OO-LUM Falcon 7X	21sm	BAF81	25.84-0096 C-21A	76th AS	Falcon42
28.ZM411 Atlas C1	24/70sq	AED439	27.11-5731 MC-130J	67th SOS	* Strix67
ZM335 Phenom T1	45sq	* CWL38	28.08-8601/RS C-130J-30	37th AS	Herky676
29.CE02 ERJ135LR	21sm	BAF615			
ZZ520 Wildcat AH1	652sq	* Recon21	<u>Credits:</u> MAR, Scramble messageboard.		
58-0036/D KC-135R	351st ARS	* Quid34	Marham		July 2020
30.ZA675 Chinook HC6A	nn	06	01.ZK023/N Hawk T2	4sq	VYT57
XX327 Hawk T1	CAM	* Gauntlet20	ZK014/E Hawk T2	4sq	dep Mustang1
ZM335 Phenom T1	45sq	* CWL44	ZK031/FG Hawk T2	25sq	dep Mustang2
XW204 Puma HC2	Benson Wing	* SHF308	ZJ124/H Merlin HC4	846NAS	2x Victor553
			91-0319/LN F-15E	494th FS	* Roar61
			01-2004/LN F-15E	494th FS	* Roar62
			02.ZK028/FD Hawk T2	25sq	dep Dervish2
			ZK036/FL Hawk T2	25sq	Dervish1
			ZJ124/H Merlin HC4	846NAS	Victor553
			ZM334 Phenom T1	45sq	* CWL36
			ZM336 Phenom T1	45sq	* CWL31/35
			03.(ZJ929) Typhoon FGR4	29sq	* Typhoon300
			06.G-COBS DA42M-NG	Cobham	Calibrator590
			07.91-0329/LN F-15E	494th FS	* Slam1
			91-0314/LN F-15E	494th FS	* Slam2
			G-COBS DA42M-NG	Cobham	Calibrator590
			08.07-8609/RS C-130J-30	37th AS	* Herky61
			09.ZM142 F-35B	207sq	arr RRR9711
			10.XW232/P Puma HC2	Benson Wing	SHF247
			14.XX177 Hawk T1	Red Arrows	* Red2
			ZA940 Puma HC2	Benson Wing	SHF333
			16.ZM336 Phenom T1	45sq	* CWL33
			XW199 Puma HC2	Benson Wing	Warlock1
			XW213 Puma HC2	Benson Wing	Warlock2
			20.MM62180 C-130J	2°Gr	IAM4678
			G-BYXC Tutor T1	6 FTS	* WIT43
			21.MM7336/32-05 F-35A	32°St	22 I3204
			MM7357/32-07 F-35A	32°St	22 I3204
			MM7361/32-11 F-35A	32°St	22 I3204

Credits: MAR, Scramble messageboard.

Cambridge

03.ZH872 Hercules C4	24/47sq	July 2020
04.KAF326 KC-130J	41sq	MCE02
10.ZH889/889 Hercules C5	24/47sq	arr KAF3230
14.ZH001 Defender R2	651sq	MADG
15.ZM333 Phenom T1	45sq	* AAC501
17.ZH001 Defender R2	651sq	* CWL34
20.ZH874/874 Hercules C4	24/47sq	AAC501
170000 C-130J	Blue Angels	MCE08
G-BYXC Tutor T1	6 FTS	t/f Angel10
21.B-583 C-130J-30	Esk721	WIT43
C-080 CL-604	Esk721	arr DAF8378
23.ZH869/869 Hercules C4	24/47sq	DAF8370
27.ZM334 Phenom T1	45sq	MCE04
ZM336 Phenom T1	45sq	CWL33
28.170000 C-130J	Blue Angels	CWL34
29.C-172 CL-604	Esk721	t/f Angel10
B-583 C-130J-30	Esk721	DAF8371
30.84002 Tp-84	71 Airliftsq	dep DAF8379
102005 Tp-102D	74 Airliftsq	SVF428
		SVF648

Credits: MAR, Scramble messageboard.



Manolito Jaarsma made a small trip to Germany last month and one of his destinations was Luftwaffe's Taktisches Luftwaffengeschwader 74 (EF2000s) at Neuburg Airbase. Next to the local EF2000s also ex MLD 308 P-3C 60+05 visited Neuburg and was captured while lining up for departure. (12 August 2020)

22.MM62180	C-130J	2°Gr	23 I4678	16-46023	KC-46A	22nd ARW	23 Rch046
ZM336	Phenom T1	45sq	CWL49	165313/AX	C-130T	VR-53	23 CNV6522
23.ZM333	Phenom T1	45sq	CWL42	23.ZJ694	Sentinel R1	5sq	* Snapshot1
24.ZM333	Phenom T1	45sq	CWL43	24.89-9103	C-130H	357th AS AFRC	Herky67
29.5105	CL-601	241.dlt	CEF216	25.07-7171	C-17A	305th AMW	Rch200
ZM335	Phenom T1	45sq	CWL46	10-0221	C-17A	437th AW	26 Rch296
XW237	Puma HC2	Benson Wing	SHF238	27.04-4134	C-17A	305th AMW	28 Rch374
31.ZJ942	Typhoon FGR4	29sq	Typhoon91	07-8614/RS	C-130J-30	37th AS	Herky714
				00-3001/LN	F-15E	494th FS	* Dark51
				28.14-5864	HC-130J	130th RQS CA ANG	King11/12
				29.LX-N90448	E-3A	NAEW&CF	* NATO40
				62-3576	KC-135R	108th ARS IL ANG	30 Rch791
				60-0347	KC-135R	166th ARS OH ANG	30 Rch870
				59-1515	KC-135R	22nd ARW	30 Rch442
				30.ZM403/403	Atlas C1	24/70sq	* Comet454
				ZZ178	C-17A	99sq	RRR816
				82-0006/OK	E-3G	552nd ACW	31 Shuck83

Credits: MAR, Scramble messageboard.

Mildenhall			July 2020				
01.910502	C-26D	AOD Sigonella	CNV6130	29.LX-N90448	E-3A	NAEW&CF	* NATO40
99-0002	C-32A	1st AS	Rch295/876	62-3576	KC-135R	108th ARS IL ANG	30 Rch791
02-5001	C-32B	150th SOS NJ ANG	02 Rch589	60-0347	KC-135R	166th ARS OH ANG	30 Rch870
02.ZZ178	C-17A	99sq	* RRR820	59-1515	KC-135R	22nd ARW	30 Rch442
165313/AX	C-130T	VR-53	dep CNV6528	30.ZM403/403	Atlas C1	24/70sq	* Comet454
03.ZM334	Phenom T1	45sq	* CWL31	ZZ178	C-17A	99sq	RRR816
06.87-0028	C-5M	60th AMW	Rch888	82-0006/OK	E-3G	552nd ACW	31 Shuck83
07.ZM145/011	F-35B	Marham Wing	* Doom11				
ZM150/016	F-35B	Marham Wing	* Doom12	<u>Credits:</u> MAR, Scramble messageboard.			
08.87-0118	KC-10A	305th AMW	09 Rch645	Northolt			July 2020
91-0301/LN	F-15E	48th FW Duster21/22/Guinness21/22		01.ZZ534	Wildcat HMA2	815NAS	Rascal385
91-0326/LN	F-15E	48th FW Duster21/22/Guinness21/22		06.ZH888	Hercules C5	24/47sq	RRR5503
09.ZM145/011	F-35B	Marham Wing	MRH104	07.253	CN235M-100	101sq	IRL253
ZM150/016	F-35B	Marham Wing	MRH103	08.TC-ATA	G550	Gvmt of Turkey	TRK5
ZJ956/Y	Puma HC2	Benson Wing	Gauntlet37	14.ZH001	Defender R2	651sq	AAC515
07-7171	C-17A	305th AMW	11 Rch965	15.ZH889	Hercules C5	24/47sq	RRR5602
10.86-0028	KC-10A	305th AMW	11 Rch620	22.1x	AS365N3	658sq	Hammer1/2
11.167985/QB	KC-130J	VMGR-352	12 Raider20	<u>Credits:</u> MAR, Scramble messageboard.			
169226/QB	KC-130J	VMGR-352	12 Raider28/Creep92	Prestwick			July 2020
15.ZZ176	C-17A	99sq	* RRR820	01.130616	CC-130J-30	436sq	03 CFC4270
ZM333	Phenom T1	45sq	* CWL34	KAF343	C-17A	41sq	dep KAF3201
165313/AX	C-130T	VR-53	CNV6515	ZZ334	Voyager KC3	10/101sq	RRR2174
16.LX-N90450	E-3A	NAEW&CF	* NATO02	84-0120	C-21A	458th AS	dep Rch795
ZM336	Phenom T1	45sq	* CWL33	57-2605/D	KC-135R	351st ARS	* Quid89
10-0213	C-17A	437th AW	Rch500	96-00108	UC-35A	C/52nd AVN	dep PAT367A
166695	C-40A	USN	17 CNV4783	G-ETPK	BAe146-RJ70	QinetiQ	Tester88
17.165313/AX	C-130T	VR-53	CNV6517	02.15002	CC-150	437sq	CFC4108
18.61-0323	KC-135R	6th ARW	Rch138	63-13186	C-130E	222Filo	dep TUAF403
165313/AX	C-130T	VR-53	CNV6517	ZZ330	Voyager KC2	10/101sq	RRR2176/77
20.ZK352	Typhoon FGR4	29sq	* Typhoon75	08-8190	C-17A	437th AW	Rch811
85-0003	C-5M	436th AW	Rch807	03.MAA	C-17A	Qatari AF	04 LHOB242
21.84-0087	C-21A	76th AS	Valor11	04.130616	CC-130J-30	436sq	05 CFC4270
16-5873/LI	HC-130J	102th RQS NY ANG	Herky68	144617	CC-144C	412sq	05 CFC3946
166376	C-37B	VR-1	22 VV500	05.15003	CC-150	437sq	CFC4109
169534/BH	KC-130J	VMGR-252	* Bronco31	ZZ343	Voyager KC2	10/101sq	RRR2436/37
22.79-1947	KC-10A	305th AMW	Blue88	06.84-0060	C-5M	60th AMW	Rch874
03-3119	C-17A	183rd AS MS ANG	23 Rch841	08-8190	C-17A	437th AW	Rch470
03-3126	C-17A	305th AMW	23 Rch501	07.15003	CC-150	437sq	CFC4109

ZG998	Defender R2	651sq	* 2x AAA585/528	23.1228	C-17A	UAE AF	24 UAF1230
12-5760	MC-130J	67th SOS	* Strix47	ZZ333	Voyager KC3	10/101sq	RRR723/724
13-5778	MC-130J	67th SOS	* Strix49	24.T-055	KC-30M	MMF	f/v MMF188
08.08-8201	C-17A	62nd AW	Rch605	26.ZM415/415	Atlas C1	24/70sq	* RRR489
09.15003	CC-150	437sq	CFC4116	03-3115	C-17A	183rd AS MS ANG	26 Rch350
ZM404/404	Atlas C1	24/70sq	* Comet465	27.ZM413/413	Atlas C1	24/70sq	Comet451
ZZ172/172	C-17A	99sq	* RRR840	28.169793	C-40A	VR-57	CNV4843
12-5760	MC-130J	67th SOS	* Strix44	29.130606	CC-130J-30	436sq	30 CFC2544
59-1513	KC-135R	351st ARS	* Quid89	ZM403/403	Atlas C1	24/70sq	* RRR471
10.15003	CC-150	437sq	CFC4116	95-0104	C-17A	155th AS TN ANG	30 Rch351
KAF343	C-17A	41sq	11 KAF3205	30.KAF343	C-17A	41sq	31 KAF3211
84-0125	C-21A	458th AS	Rch796	01-0029	C-37A	76th AS	Valor29
11.ZM408/408	Atlas C1	24/70sq	* RRR487	164996/RU	C-130T	VR-55	CNV6529
MAA	C-17A	Qatari AF	13 LHOB242	31.ZZ332	Voyager KC3	10/101sq	RRR731/732
165379/BD	C-130T	VR-64	12 CNV3502				
12.130616	CC-130J-30	436sq	13 CFC2573				
96-7322	C-130H	130th AS WV ANG	14 Rch225	<u>Credits:</u> MAR, Scramble messageboard.			
13.280	PC-12/47E	104sq	* IRL280	Stansted			July 2020
ZM408/408	Atlas C1	24/70sq	* Comet451	02.01-0076	C-37A	76th AS	Spar90
ZG996	Defender R2	651sq	* AAC585	05.A9C-HMH	B767-4FS(ER)	Gvmt of Bahrain	BAH3
ZG998	Defender R2	651sq	* AAC515	10.TR-KGM	G650	Gvmt of Gabon	
95-6709	C-130H	130th AS WV ANG	15 Rch226	12.04-01778	C-37A	USAPAT	PAT78
14.KAF343	C-17A	41sq	15 KAF3205	13.ZK308	Typhoon FGR4	nn	* G7D31/32
16.177704	CC-177	429sq	18 CFC4002	ZK311	Typhoon FGR4	nn	* G7D31/32
ZZ332	Voyager KC3	10/101sq	RRR2252/53	16.GZ100	AW109SP	32(TR)sq	RRR8010
ZZ334	Voyager KC3	10/101sq	RRR2254/55	20.98-0001	C-32A	1st AS	22 SAM046
03-3123	C-17A	167th AS WV ANG	Rch169	22.15+04	A321-231	FBS BMVg	GAF841
10-0213	C-17A	437th AW	17 Rch500/549	27.A6-HRM	B747-422	Gvmt of Dubai	DUB1
12-5760	MC-130J	67th SOS	* Strix67	28.09-0525	C-37B	99th AS	+29 SAM129
17.177701	CC-177	429sq	18 CFC4021	<u>Credits:</u> MAR, Scramble messageboard.			
ZM414/414	Atlas C1	24/70sq	* RRR484	Waddington			July 2020
ZZ330	Voyager KC2	10/101sq	RRR717	01.ZA710	Chinook HC6A	7sq	SHF481
18.130608	CC-130J-30	436sq	20 CFC4277	ZK554	Chinook HC6	7sq	SHF397
15003	CC-150	437sq	CFC4119	ZM145/011	F-35B	Marham Wing	* Doom31
ZG998	Defender R2	651sq	* AAC523	ZM142/008	F-35B	Marham Wing	* Doom31
19.15003	CC-150	437sq	CFC4119	02.ZK554	Chinook HC6	7sq	SHF397
1228	C-17A	UAE AF	20 UAF1230	03.ZK554	Chinook HC6	7sq	SHF397
98-0056/AK	C-17A	144th AS AK ANG	Rch846	07.ZK554	Chinook HC6	7sq	SHF397
20.ZM404/404	Atlas C1	24/70sq	* Comet451	15.ZJ233	Apache AH1	3/4Regiment	AAC780
13-5786	MC-130J	67th SOS	* Strix67	23.ZH003	Defender R2	651sq	AAC551/526
21.130608	CC-130J-30	436sq	22 CFC4277	29.ZM145/011	F-35B	Marham Wing	* MRH64
08-6205	MC-130J	67th SOS	* Strix67				
22.ZM408/408	Atlas C1	24/70sq	* RRR487	<u>Credits:</u> MAR, Scramble messageboard.			
ZH879/879	Hercules C4	24/47sq	* RRR138				
01-0076	C-37A	76th AS	Valor76				



A very exciting visitor at Václav Havel Airport Prague (formerly known as Prague Ruzyně International Airport) was Israeli Airforce Beech 200 735. This Beech was stranded with a couple of technical issues. To fix the Beech, an Israeli Air Force C-130H with spare parts and technicians had been flown in to Prague. (23 July 2020, Vaclac Kudela)

www.facebook.com/Scramblemagazine



This brand new Airbus A330-900 made its first flight on 16 December 2019 and was delivered to Azul (meaning handed over in this case) two weeks later, on 30 December. Instead of making the ferry flight over the Atlantic to Brazil, the aircraft remained stored at Toulouse-Blagnac, until 23 April when it was ferried to Châteauroux for continued storage. Anton Homma photographed the aircraft still wearing its test registration F-WWCK. It will be registered as PR-ANX upon delivery to Brazil. (28 July 2020)

Manufacturers News

Airbus

Late July Airbus announced that it would trim the production rate of the A350 from six to five aircraft per month in a further adjustment to its output in the face of weak air transport market demand. In April Airbus already trimmed the A350 production from 9.5 aircraft per month to six aircraft. In that same month Airbus also stated that monthly A320-family production would fall to forty and that of the A330neo would be cut to two. Production of the A220 in the Airbus Montreal Mirabel (QC.) facility assembly will remain at four per month.

As a result of the COVID crisis Airbus disclosed that some 145 commercial aircraft went undelivered during the first half of this year, while a total of 196 were delivered in that same period. This was barely half the figure of the 389 aircraft delivered in the same period in 2019. The Airbus deliveries in the first half of 2020 included 23 A350s and five A330s, plus 157 A320-family jets and eleven A220s.

Boeing

Not only Airbus has slowed down its production, Boeing has also mentioned that it had to cut production rates for its 737 MAX, 777 and 787 programmes. Late July Boeing announced that it had to reduce its combined 777/777X production rate to two jets per month in 2021. Until recently, Boeing had produced five 777s per month, but earlier this year it said they would reduce that rate to three per month in 2021. The production of the 787 will go down to six per month in 2021. The company had previously said it would cut 787 output to ten aircraft per month this year and to seven by 2022. Prior to the COVID crisis, Boeing was producing fourteen 787s per month.

Boeing also announced that it will “gradually increase” the production of the 737 to 31 jets per month by the beginning of 2022, “with further gradual increases to correspond with market demand”. Boeing resumed 737 MAX production in May after a five-month interruption. Production of the 737 MAX is currently proceeding at a “low”, but unspecified rate, according to Boeing. The production rates for the 747 and 767 were not adjusted. Boeing produces 0.5 747s per month and three 767s. They confirmed speculation that it will indeed end 747 production in 2022, 53 years after the type’s first flight in 1969.

B777X

The third prototype of the Boeing 777X made its first flight on 3 August. MSN 65799 / Line # 1581, with registration N779XY, took off from Everett (WA) shortly before 14:00 hours local time and landed an hour later at Moses Lake (WA), before returning to Boeing Field (WA). The first flight of the first 777X prototype took place in January of this year and the second airframe took to the skies in April. This third test airframe will be used for tests related to the avionics system, auxiliary power unit and flight loads and propulsion performance. All test aircraft are the 777-9 variant.

A week before this flight, on 29 July, Boeing announced that the first delivery of the 777-9 is now targeted for 2022, instead of 2021, as indicated earlier. The 777X has already been delayed due to design issues with its GE9X engines.

Electric Aviation Group (EAG)

HERA

While the search for sustainable new ways of aerial travel have various projects in different stages a new contender joined the stage. During the digital Farnborough seminar held late July 2020, EAG presented their Hybrid Electric Regional Aircraft (HERA). This platform aims for a regional propliner, capable of transporting 70 passengers in conditions equal to the current market leaders ATR72 and Dash 8s. Ground testing will commence in 2021 and the first flight is expected in 2024. Commercial operations could start in 2028. The company already purchased two DHC-7s that will serve as test platforms for the technology used on the HERA. Next to this EAG also participates in hydrogen power trials, utilised on a DHC-8-400. This project is aiming to keep Britain in the spear of technology of electrical flight. Only challenge will be the financial part. The CEO foresees a total budget of 5 billion pounds to make the HERA reality, however, the company is also seeking Government support and partnerships. At this moment a fraction of the budget is covered so it remains difficult to say what the next four years will bring exactly.

Dassault

Falcon 6X

Despite the challenging conditions ahead due to the COVID-19 pandemic Dassault has announced that their timeline for

the first flight of the Falcon 6X is still on schedule for Q1 2021. Prototype number 1 was functionally assembled and powered for the first time on 9 July 2020. Prototype number 2 is halfway final assembly while number 3 is in the early stages of final assembly. Falcon 6X number 3 will also be the first business jet to receive a full interior. Certification and entry into service are still slated for 2022.

Textron Aviation

After the first Cessna 408 SkyCourier prototype flew on 17 May 2020, the second prototype Cessna 408 took to the skies for the first time on 11 August 2020. Designated N408FR (P1) the second SkyCourier is the first cargo version. In total the flight test programme will involve three Cessna's and up to now 38 flights have been concluded and over 76 hours of data have been collected. The rest of the year will also be used for the flight test programme and if all goes according to plan the first commercial SkyCouriers can enter service in Q2 2021.

Textron also announced on 4 August 2020 that they are going to launch a flagship version in the King Air-branch: the Beechcraft King Air 360 and 360ER. The first commercial models are currently in production and customer deliveries are expected from Q4 2020. Compared to the Beech 350/350ER the Beech 360-series will introduce enhanced cockpit improvements like auto throttle, multi-function touch screen displays and new digital cabin pressurisation control. The cabin itself will provide all desired features and will incorporate lower cabin

pressure altitude for better comfort on board. The Beech 360 can hold up to eleven passengers, the Beech 360ER can hold up to fifteen. From an exterior point of view the new 360-series is hard to distinguish from the 350-series. However, it is good to see the fate Textron has in the Beechcraft series as the foundation of the 300-series, which has been around since 1990. Aside from the regular passenger and freight version the Beech 360-series are also available as special mission-platforms, allowing medical evacuation, surveillance and intelligence gathering missions.

Xwing

And to conclude this edition we end with a self-flying Cessna 208B Grand Caravan. After the electric version of the E-Caravan a San Francisco based company Xwing took it one step further. On 20 August 2020 they performed various flights on their own Cessna 208B N101XW (**208B-0382**), flying autonomously. Since 2016 the company has been developing a functional self-sustaining auto flight system that can be retrofitted onto existing aircraft and integrated into the on board flight control systems. Detect-and-avoid sensors coupled with navigation and control software generates flight paths, communicates with air traffic control and maintains flight safety. The company's fleet will be used for further testing and eventually commercial deployment will be envisaged. At the moment the air freight market has their focus.

Airliner News



Also in storage at Châteauroux is this ex Singapore Airlines A330-300. Hi Fly Malta took delivery of this on 17 December 2019, when it was ferried from Singapore-Changi to Hi Fly's home base Beja, Portugal. The aircraft was not put into service right away, but ferried to Châteauroux one and half months later, on 30 January 2020. It has been stored at the French airport since then in the latest Hi Fly colours wearing registration 9H-HFC. (28 July 2020, Anton Homma)

Europe

Austria
Ryanair has decided to change the role of Laudamotion to a pure wet-lease carrier providing capacity to Ryanair from bases in Austria, Germany and Spain with their A320s. To create more flexibility, Ryanair has decided to discontinue with the Austrian AOC of Laudamotion, and, instead, establish a new Lauda Europe in Malta. The airline is already in the process of obtaining its AOC and is expected to start operations in November.

Bulgaria

At the end of July GullivAir, a new Bulgarian start-up by the former owner of BH Airlines, took delivery of their first plane, A330-200 LZ-ONE. The airline is currently in the process of obtaining its AOC and is planning to launch at the end of this year. GullivAir plans to fly charter-flights and is also looking at adding the A320 to the fleet.

Denmark

Goodbye Jet Time and hello Jetttime! The owner and CEO of Danish ACMI and charter airline Jet Time filed for bankruptcy for the airline. Last month the company already laid off 95% of its staff, closed down its Finnish subsidiary and returned several of its B737-700s to their lessors. But, almost immediately, the CEO also filed the paperwork to launch a new company called...Jetttime. The plan is to launch charter and ACMI flights with five (former Jet Time) B737-800s, once demand picks up.

Germany

Lufthansa is talking with the pilot unions about a simplification of the long-haul fleet. The airline is reportedly planning to permanently retire all fourteen A380's, seventeen A340-300s, seventeen A340-600s and their last seven B747-400s. Previously it was already known that seven of their A380s would leave the fleet and that the A340-600s were stored



Luxair's Boeing 737-800 LX-LGU was painted in this special "Sumo Artwork" colour scheme in July. The drawings are different on each side. Luxair has decided to entrust the revamping of two aircraft in its fleet, this Boeing 737-8 and Dash 8-Q400 LX-LQA, to Sumo, a Luxembourg artist whose real name is Christian Pearson. He is specialised in street art and graffiti and his work can be seen all around Luxembourg, but also in numerous cities around the world. (Luxembourg, 25 July 2020, Robert Eikelenboom)

until demand returns. Lufthansa isn't expecting passenger numbers to be at the same level as in 2019 before 2024 and wants to adapt to the new reality. If the plan moves forward, the long-haul fleet will consist of the A330-300, the A350-900 and the B747-8. However, in 2022 deliveries should commence for their orders for the B777-9 and B787-9.

Iceland

Boeing and Icelandair announced that they reached a settlement regarding the impact of the grounding of the B737MAX-fleet. Part of the deal is the cancellation of four MAXs on order. Six will remain on order, which are now scheduled for delivery in 2021 and 2022. Originally Icelandair ordered sixteen B737MAXs. So far, five B737-8s and one B737-9s have been delivered to the airline.

Italy

Italian newspaper Corriere della Sera reported on the fleet-plans of nationalised Alitalia. Already known was that the airline will shrink the fleet, but new is that it's planning to standardise the fleet on two types; the A320neo and the B787. The B787 is the favourite as Italian company Leonardo is an important supplier to Boeing for the Dreamliners. According to the newspaper, Airbus still has a shot with the A330neo and A350, but only if they are willing to provide a hefty discount. Regional subsidiary Alitalia CityLiner will also get new planes, replacing its current fleet of Embraer E-jets with A220s. For this plane parts are also produced in Italy. The money for these plans should come from the investment of three billion euros the Italian government is putting into Alitalia.

Ernest Airlines is planning to relaunch itself as a regional carrier, flying to 70 destinations out of five Italian hubs. The plan is to use up to sixteen ATR72-600s out of Ancona, Bari, Bergamo, Parma and Rome-Fiumicino to underserved destinations. According to the CEO, the plan is to launch in December, and they have the backing of the Italian government as the airline would create jobs and drive business and tourism. Ernest Airlines previously operated a fleet of one A319 and three A320s and focused mainly on destinations in Albania and Ukraine. They were forced to cease all operations in January by the Italian civil aviation authority due to a lack of funds.

Luxembourg

To highlight the fact that Cargolux is supporting the fight against COVID-19, it has given B747-8F LX-VCF a protective face mask-livery. The fuselage also sports large "not without my mask"-titles.

Something to look out for is Luxair B737-800 LX-LGU which is flying in a special Sumo-livery.

Malta

Corendon Airlines Europe has decided to paint, Nuremberg-based B737-800 9H-CXA, into a livery supporting FC Nürnberg.

Poland

Enter Air and Boeing also reached a settlement regarding the impact of the grounding and delayed deliveries of the B737MAX8. Next to a revised delivery schedule, the airline expanded its order with two additional B737-8s. The airline also secured two options. Enter Air originally ordered six B737MAX8s in 2014 of which two have been delivered so far.

Portugal

TAP Air Portugal will introduce a new retro-liveried aircraft in the fleet. The plane will be one of their newest A321neoLRs, c/n 10105, which will become CS-TJR once delivered. It has already been noted at Hamburg-Finkenwerder in the livery.

Russia

Russian media reported Pobeda is seeking legal advice on how to cancel (at least) fifteen of the 20 B737MAX8s it has on order with two leasing companies. In 2018, Pobeda announced it would lease 20 B737-8s via GECAS (five) and SMBC (fifteen). Originally, deliveries would start in November 2019, but never started due to the grounding of the type. A few months ago the airline said it still needed the aircraft, but this was before COVID-19.

Slovakia

Go2sky announced it will cease all operations and return its four B737-800s back to their lessors. The airline is citing the current pandemic situation as the reason behind the decision. The airline, which was founded in 2012, specialized in charter and ACMI-operations. It employed around 150 people.

Spain

The Iberostar Group, one of the world's largest leisure companies, is planning to establish its own airline called World2Fly. The Group acknowledges that these are challenging times, but also sees this time as an opportunity to reduce dependency on other airlines, acquire aircraft at competitive pricing and the possibility to create "travel bubbles". This means the travellers can be isolated and separated from other companies providing a better security against infection with COVID-19. The new airline is busy obtaining its AOC, which it expects to receive early next year. Fleetwise they have signed lease-agreement for an A350-900 and is also thinking about adding a second one later in 2021. World2Fly is aiming to start flying in April 2021, connecting Spain with Cuba, Dominican Republic and Mexico.

United Kingdom

On 18 August [British Airways](#) officially started the retirement of its 31-strong B747-400 fleet. The first aircraft to leave the fleet was G-CIVD, a 1994-vintage aircraft wearing the one-world Alliance livery. It was flown from London-Heathrow to Castellon in Spain where it will be dismantled.

Africa

Niger

Niger Airlines is planning to acquire a Fokker 50 and has applied to the Nigerien government for permission to do so under the country's investment policy framework. Minutes of a meeting of President Mahamadou Issoufou's cabinet said only that the Ministry of Industry would consider the application in light of the added benefit it would bring to the West African Sahel state's internal transport network. The airline currently wet-leases one Fokker 50 from Palestinian Airlines (SU-YAH, 20123).

Asia

Pakistan

Privately owned [Serene Air](#) has take delivery of its first A330-200 and will add two more in the near future. Former Air Europe A330 EC-JPF (msn 733) was flown to Chateauroux, France in April 2020 for final preparations running up to its delivery date of 27 August. During the transfer the Airbus was registered to Charlyle Aviation and used registration F-WTAX. At delivery it will become AP-BNE. Serene Air currently has a fleet of four B737-800s.

Latin America

Brazil

Brazilian bus company Itapemirim is planning to start-up a new airline division, which is planned to launch in 2021. The airline, which is to be called [ITA Transportes Aéreos](#), has signed agreements with lessors for ten A320s which it will deploy on domestic, regional and international routes from three bases: Brasilia, Rio de Janeiro-Galeão and São Paulo-Guarulhos. Eventually the airline has the ambition to grow to a fleet of 50 A320s by 2022. This is actually the second attempt of Itapemirim to establish an airline. Back in 1990 it also launched an airline: first as an all-cargo carrier and from 1996 also as a passenger airline. Two years later, however, the passenger-side of the airline was sold to TAM and the company ceased flying operations by 2000.

Oceania

Australia

The world's largest Fokker operator, [Alliance Airlines](#), signed a deal with lessor Azorra Aviation to purchase fourteen E190s. The first aircraft is expected later this month. The rest is to follow over a period of eight months. Alliance says it will continue to fly its Fokkers; the Embraers will first be used for expansion. However, it is a first step to eventually replace the Fokkers when their stock of spare parts runs out. Currently the airline has a fleet of five Fokker 50s (of which one is parked), thirteen Fokker 70s (four parked) and 27 Fokker 100s.

As of this month, [Qantas](#) will fly the majority of its eleven B787-9s to Victorville (CA) for long-term storage. A few will remain in Australia for immediate need, like repatriation flights. The airline decided to take this measure as it does not expect to resume international operations until July next year, and then only about 50% of its network.

The new owners of Virgin Australia, Bain Capital, have decided to pull the plug on subsidiary [Tigerair Australia](#). The airline had already ceased all operations due to the Corona pandemic. This will now be permanent. The airline was founded in 2007 as a subsidiary of Singapore-based Tigerair. It was acquired by Virgin Australia in October 2012. It currently has a fleet of nine A320s and six B737-800s.

Aircraft orders

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

Airbus 2020 firm orders

AerCap	25	A320neo
	25	A321neo
Air France	10	A350-900
Air Lease Corporation	50	A220-300
	52	A321neo
	1	A350-900
Air Senegal	8	A220-300
Avolon	8	A320neo
	1	A321neo
BOC Aviation	20	A320neo
CALC	40	A321neo
Cebu Aviation	5	A320neo
	10	A321neo
<u>Lufthansa Technik (for Luftwaffe)</u>	<u>2</u>	<u>A321neo</u>



Malta-based Corendon Airlines Europe was established in early 2017 as the second European subsidiary, after Corendon Dutch Airlines, of Turkish carrier Corendon Airlines. The company took delivery of its first aircraft, a leased Boeing 737-800, in May 2017, and was awarded its own AOC (Air Operator Certificate) on 22 May 2017. The airline operates leisure charter flights to and from Malta, Germany, Greece and Israel with a fleet of six Boeing 737-800s. Latest addition is 9H-CXA, which was delivered to the airline on 14 July. The aircraft is based at Nuremberg and wears the local football club titles and colours. Before it was delivered to Corendon the aircraft flew in India for SpiceJet and Jet Airways. (Nuremberg, 5 August 2020, Frank Schuchardt)

Spirit Airlines	47 A319neo		2 B777F
	33 A320neo		3 B787-9
	20 A321neo	UPS	1 B747-8F
<u>Unidentified</u>	<u>2 A320neo</u>	US Navy	8 P-8A
	10 A350-900		7 B787-10
Total	369	(+4)	59
Boeing 2020 firm orders			ATR 2020 firm orders
Air Lease Corporation	3 B787-9		2 ATR72-600
All Nippon Airways	1 B787-9		3 ATR42-600S
	11 B787-10		5
FedEx	4 B767-300F		
Oman Air	4 B787-9		
Republic of Korea Air Force	6 P-8A		
Royal New Zealand Air Force	4 P-8A		
Unidentified	5 B767-300F		

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

Jetliners



The third Boeing 747-8 BBJ for the Qatar Amiri Flight was painted at Shannon in August. This aircraft was originally ordered by the Abu Dhabi Amiri Flight, where it would grace the skies as A6-PFB. However, Abu Dhabi did not take up this aircraft, so the Sheiks of Qatar lay their hands on this big business jet. The aircraft was ferried to Basle for cabin outfitting in December 2017. It flew to Shannon on 27 July for the paint job and returned to Basle on 25 August for the final touches, before being delivered to Doha in the course of September. A7-HHF is painted in a standard Qatar Airways colour scheme and will, next to A7-HHE and A7-HNJ, be the third 747-8 BBJ in the Qatar Amiri Flight fleet. A7-HHE also wears a Qatar Airways colour scheme, while A7-HBJ wears a more formal corporate colour scheme. This has to do with the fact that the aircraft is not owned by the Qatar Amiri Flight, but by Qatar Executive, who operates the aircraft on behalf of the Qatar Amiri Flight. (Shannon, 25 August 2020, Malcolm Nason)

A220	-300	55081	SU-GFG	EgyptAir. Delivered on 31 July.
	-300	55087	SU-GFH	EgyptAir. Delivered on 30 July.
A310	-324	706	EP-MED	Mahan Air, ex EY-704 of Asia Sky Lines. Delivered in July.
A319	-111	4125	G-EZFR	easyJet, ex OE-LQV of easyJet Europe. Registered in the UK on 31 July.
	-111	4785	G-EZGO	easyJet, ex OE-LSZ of easyJet Europe. Registered in the UK on 22 July.
	-111	4693	G-EZGI	easyJet, ex OE-LKA of easyJet Europe. Registered in the UK on 27 July.
	-111	4837	G-EZGR	easyJet, ex OE-LKB of easyJet Europe. Registered in the UK on 19 August.
A320	-214	888	OE-ILO	WNG Capital LLC, ex ES-SAK of SmartLynx Estonia. Registered in Ireland on 6 August. Aircraft has been stored at Kaunas since 8 May.
	-214	1125	EI-GTD	GECAS, ex EC-MCB of Iberia Express. Registered in Ireland late July. Aircraft was ferried to Knock for storage and scrapping on 14 July.
	-214	1198	EI-EZR	GECAS, ex EC-MBU of Iberia Express. Registered in Ireland late July. Aircraft was ferried to Knock for storage and scrapping on 14 July.
	-232	1945	9H-SLB	SmartLynx Malta, ex S7-SIL of Air Seychelles. Delivered on 12 August.
	-233	2118	9H-EMU	GetJet Airlines Malta, ex LY-EMU of GetJet Airlines. Transferred late July.
	-214	2142	D-AICP	Condor Flugdienst, ex EC-MVH of Thomas Cook Airlines Balearics. Delivered on 15 August.
	-214	2768	9H-AEO	Malta MedAir, ex 9H-AEO of Air Malta. Transferred on 1 August.
	-232	2844	OE-ILL	GECAS - General Electric Capital Aviation Services, ex LZ-BHG of BH Air - Balkan Holidays International. Registered on behalf of the lessor on 13 August.
	-232	2863	OE-ILP	GECAS - General Electric Capital Aviation Services, ex LZ-BHH of BH Air - Balkan Holidays International. Registered on behalf of the lessor on 13 August.
	-214	3136	9H-VDO	Galistair, ex F-HBIS of Aigle Azur. Delivered on 14 August.
	-111	3754	G-EZDX	easyJet, ex OE-LQO of easyJet Europe. Registered in the UK on 14 August.
	-214	3979	G-EZTJ	easyJet, ex OE-IVO of easyJet Europe. Registered in the UK on 10 August.
	-214	4286	G-EZTX	easyJet, ex OE-IVH of easyJet Europe. Registered in the UK on 24 August.
	-214	4463	D-AICR	Condor Flugdienst, ex EC-MBM of Vueling Airlines. Delivered on 27 July.
	-214	4478	D-AICS	Condor Flugdienst, ex EC-MAX of Vueling Airlines. Delivered on 3 August.
	-214	4591	G-EZUC	easyJet, ex OE-IVK of easyJet Europe. Registered in the UK on 5 August.
	-232	4603	9H-LMG	Lauda Europe, ex OE-LMG of LaudaMotion. Transferred on 26 August.
	-214	5162	OE-IPC	GECAS - General Electric Capital Aviation Services, ex T7-MRA of MEA - Middle East Airlines. Registered on behalf of the lessor on 5 August. Aircraft was ferried to Plovdiv for storage on 30 July.
	-271N	9423	VP-BVI	S7 Airlines. Delivered on 4 August. Test registration was D-AUAS.
	-271N	9442	D-AINZ	Lufthansa. Delivered on 4 August. First Lufthansa A320neo to wear the zorro mask! Test registration was D-AUAA.
	-271N	9453	D-AINY	Lufthansa. Delivered on 17 August. Test registration was D-AXAI.

	-251N	9504	G-UZLK	easyJet. Delivered on 23 July. Test registration was D-AUBP.
	-271N	10016	VQ-BSD	S7 Airlines. Delivered on 27 July. Test registration was F-WWBE.
	-251N	10064	SU-GFP	EgyptAir. Delivered on 24 July. Test registration was F-WWDN.
	-251N	10072	SU-GFQ	EgyptAir. Delivered on 29 July. Test registration was F-WWIS.
	-271N	10092	HA-LJB	Wizz Air. Delivered on 30 July Test registration was F-WWBG.
A321	-231	974	N974M	JMV Aviation Vallair, ex TC-OEC of Onur Air. Registered in the US on 13 August. Aircraft will be converted to freighter.
	-231	2107	VP-BVT	Red Wings, ex A7-ADT of Qatar Airways. Delivered on 14 August.
	-251NX	9230	CS-TXF	TAP Air Portugal. Delivered on 24 July. Test registration was D-AVZM.
	-271NX	9265	A6-ATE	Air Arabia. Delivered on 26 August. Test registration was D-AZAI.
	-271NX	9415	TC-LSY	Turkish Airlines. Delivered on 22 July. Test registration was D-AVYI.
	-271NX	9444	HA-LVK	Wizz Air. Delivered on 31 July. Test registration was D-AYAP.
	-271NX	9458	T7-ME2	MEA - Middle East Airlines. Delivered on 29 July. Test registration was D-AYAH.
	-251NX	9468	G-UZMJ	easyJet. Delivered on 22 July. Test registration was D-AVYE.
	-271NX	9564	HA-LVM	Wizz Air. Delivered on 15 August. Test registration was D-AVYQ.
	-271NX	10029	N2084J	jetBlue Airways. Delivered on 7 August. Test registration was F-WZMA.
A330	-202	733	AP-BNE	Serene Air, ex EC-JPF of Air Europa. Delivered on 27 August.
	-203	811	LZ-ONE	Gullivair, ex 2-PAOH of Aircastle. Delivered on 28 July. Former AP-BMI of Shaheen Air International.
	-202	814	OE-IOU	KDC Aircraft Holding, ex EC-JZL of Air Europa. Registered in Austria on 20 August. Aircraft was ferried to Ciudad Real for storage on 17 August.
	-941	1963	CS-TKH	Orbest. Delivered on 7 August. Test registration was F-WWYT.
A340	-313X	199	YV643T	ConViasa, ex YV3292 of Avior Airlines. Delivered on 25 July.
	-313X	242	N365JS	Aircraft Engine Lease Finance, ex PZ-TCR of Surinam Airways. Registered on behalf of the lessor on 13 August. Aircraft has been stored at Ciudad Real Central in Spain since 19 December 2019.
A350	-941	27	N982DJ	Wilmington Trust Co., ex PR-XTB of LATAM Airlines Brasil. Registered in the US on 21 July. Aircraft was ferried to Victorville (CA) for storage on 4 April.
	-941	354	3B-NDR	Air Mauritius, ex ZS-SDE of South African Airways. Delivered on 20 August. Aircraft was originally ordered by Air Mauritius but immediately after delivery leased out to South African.
	-941	365	3B-NBS	Air Mauritius, ex ZS-SDF of South African Airways. Delivered on 20 August. Aircraft was originally ordered by Air Mauritius but immediately after delivery leased out to South African. Both Airbus only few for a few months for South African.
	-941	400	EC-NGY	Evelop Airlines. Delivered on 31 July. Test registration was F-WWAW.
	-941	416	10+03	Luftwaffe - German Air Force. Handed over on 20 August. During cabin outfitting at Hamburg, the aircraft was registered as D-AGAF on behalf of Lufthansa Technik. Test registrations were F-WZFF and F-WJKM.
	-941	433	F-HREN	French bee. Delivered on 2 August. Test registration was F-WZFK.
BAe146	-RJ85	E2334	N277AC	Bank of Utah, ex EI-RJD of CityJet. Ferried to Marana (AZ) on 31 July and registered on 7 August.
	-300QT	E3151	VH-SQR	Pionair, ex EC-LMR of ASL Airlines Spain (D-AWDL NTU).
B737	-4Q8	24706	ZA-ALC	Albawings, ex EI-FVA of Blue Panorama Airlines. Delivered on 7 August.
	-8HX	29649	TC-SOZ	SunExpress, ex D-ASXO of SunExpress Germany. Transferred in August.
	-86Q	30272	TC-SPB	SunExpress, ex D-ASXV of SunExpress Germany. Transferred in August.
	-8BK	33016	OM-IEX	Badr Airlines, leased from AirExplore. Per 9 August.
	-81M	33104	EC-NLK	AlbaStar, ex EI-GRS. Re-registered late July.
	-7K2	33465	YR-BMR	Blue Air, ex OE-IAH of Thunderbolt Leasing Ltd. Delivered on 7 August as OE-IAH.
	-8AS	33818	N559CC	Bank of Utah, ex TC-SAI of AnadoluJet. Registered on 28 July.
	-8AS	33819	N562CC	Bank of Utah, ex TC-SAJ of AnadoluJet. Registered on 21 August.
	-8AS	34984	TC-SPC	SunExpress, ex D-ASXX of SunExpress Germany. Transferred in August.
	-8AS	34990	VQ-BVW	NordStar Airlines, ex EI-ESP of Ryanair. Delivered on 14 August.
	-8K5	39093	TC-SPF	SunExpress, ex D-ASXZ of SunExpress Germany. Transferred in August.
	-8JP	39444	VQ-BBX	NordStar Airlines, ex LN-NIA of Norwegian. Delivered on 14 August.
	-8HC	40776	TC-SOV	SunExpress, ex D-ADAA of SunExpress Germany. Transferred in August.
	-8HC	40777	TC-SOY	SunExpress, ex D-ADAB of SunExpress Germany. Transferred in August.



Fresh from the paint shop at Maastricht is this EGO Airways Embraer 190. EGO Airways is a new Italian start-up carrier, which plans to launch charter services from Milan-Malpensa. It will start operations with this Embraer 190 D-AZFB, which is leased from WDL Aviation. It will be registered in Italy as I-EGOA. (25 July 2020, Björn van der Velpen)



Iboim Air CRJ900 c/n 15283 is seen departing Muskoka - Little Norway Memorial Airport (Ont.) on 23 July 2020, fresh out of Muskoka Aircraft Refinishing where it received a makeover into its new Iboim Air livery. It was delivered from Calgary at the end of July via Tenerife South Airport, Canary Islands, from where it continued to Lagos, arriving on 1 August. The aircraft is former S5-AAU of Adria Airways. It was leased from Falko Regional Aircraft and after Adria's bankruptcy in September 2019 it was registered in the UK as G-CLJH. It was ferried to Canada for maintenance and overhaul for a new operator in February 2020. Iboim Air is a small Nigerian regional airline, owned by the State of Akwa Ibom. The airline operates a domestic network from Uyo's Victor Attah International Airport to Lagos and Abuja, and between Lagos and Abuja, with a fleet of four CRJ900s. This new aircraft will be number five and will be registered 5N-BXO. (Andrew Cline)

	-85R	42799	9H-CXB	Corendon Airlines Europe, ex OE-ILA of Wilmington Trust SP Services (Dublin) Ltd. Delivered on 24 July.
B747	-412F	28263	TF-AMB	Air Atlanta Icelandic, ex B-2428 of China Cargo Airlines. Delivered in a Saudi Arabian colour scheme on 6 August.
B767	-232BDSF	22217	N742AX	Cargo Aircraft Management, ex SE-RLC of West Air Sweden. Registered in the US on 7 August. Aircraft has been stored at Tampa (FL) since 30 March.
	-338ERBDSF	24853	N363CM	MAS Air Cargo, ex N363CM of ABX Air. Delivered on 22 July.
	-36D	27309	N616KW	Eastern Airlines, ex N879BC of the Boeing Capital Corporation. Delivered on 21 July. Former B-2563 of Shanghai Airlines.
	-3BGER	30565	N565WW	Fortress Transportation, ex ET-ALH of Ethiopian Airlines. Registered in the US on 20 August. Aircraft was ferried to Marana (AZ) for storage on 31 July. The Boeing had flown for the UN in an all-white c/s with large UN titles since September 2012.
	-3BGER	30566	N566WW	Fortress Transportation, ex ET-AMG of Ethiopian Airlines. Registered on the US on 21 August. Aircraft was ferried to Marana (AZ) for storage on 22 July.
	-300F	63117	N186FE	FedEx Express. Delivered on 10 August. Line # 1215.
	-300F	64060	N111FE	FedEx Express. Delivered on 28 July. Line # 1214.
B777	-212ER	30874	N784BC	Boeing Capital Corporation, ex 9V-SVM of Singapore Airlines. Registered in the US on 16 July. Aircraft was ferried to Goodyear (AZ) for storage on 23 July.
	-312	32327	N792BC	Boeing Capital Corporation, ex 9V-SYI of Singapore Airlines. Registered in the US on 21 July.
	-F60	42031	ET-ARH	Ethiopian Airlines. Written Off. Aircraft was DBR after cargo caught fire during loading at Shanghai-Pudong on 22 July.
	-F	66625	VQ-BAO	AirBridgeCargo. Delivered on 17 August. First triple seven freighter for AirBridgeCargo. Line # 1663.
B787	-9	38459	N8904W	Wilmington Trust Co., ex CC-BGH of LATAM Airlines Chile. Registered in the US on 27 July. Aircraft was ferried to Victorville (CA) for storage on 20 July.
	-9	38461	N8903W	Wilmington Trust Co., ex CC-BGG of LATAM Airlines Chile. Registered in the US on 27 July. Aircraft was ferried to Victorville (CA) for storage on 20 July.
	-9	38478	N931DJ	AerCap, ex CC-BGE of LATAM Airlines Chile. Registered in the US on 20 August. Aircraft was ferried to Victorville (CA) for storage on 12 August.
	7-9	38479	N8906W	Wilmington Trust Co., ex CC-BGF of LATAM Airlines Chile. Registered in the US on 29 July. Aircraft was ferried to Victorville (CA) for storage on 21 July.
	-9	42497	F-HRBJ	Air France. Delivered on 23 July. Line # 1013.
	-9	61524	JA933A	ANA - All Nippon Airways. Delivered on 6 August. Line # 1003.
	-9	65812	TC-LLM	Turkish Airlines. Delivered on 21 July. Line # 1001.
	-8	65992	N872AN	American Airlines. Delivered on 26 August. Line # 1025.
	-9	66138	N24980	United Airlines. Delivered on 1 August. Line # 1018.
	-9	66142	N29981	United Airlines. Delivered on 5 August. Line # 1022.
	-9	66527	VT-TSE	Vistara. Delivered on 14 August. Line # 993.
ERJ	190LR	19000513	G-LCAC	British Airways, ex B-3136 of China Southern Airlines. Registered EI-GSW in between. Delivered on 21 August.

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

Commuters

ATR72	-212A	778	SE-MDA	Air Leap, ex SE-MDA of Danish Air Transport. Delivered on 21 July.
	-212A	1450	UR-RWC	Windrose Airlines, ex OY-YCG of Nordic Aviation Capital. Delivered on 17 August.
BAe	3202	986	ZK-JSK	Originair, ex TF-ORG of Eagle Air. Per 20 August.
Saab 340	A	038	SP-KPL	AirGotland, ex SprintAir. Delivered on 12 August. Is operated by SprintAir.
Saab 2000		013	ES-NSE	NyxAir, ex G-LGNO of Loganair. Delivered on 21 August.
		039	ES-NSF	NyxAir, ex G-LGNT of Loganair. Delivered on 21 August.



While several airlines declared bankruptcy during the COVID-19 pandemic, it was a bold move to start a new airline. Since August Lübeck Air is offering scheduled flights, six days a week to Stuttgart and München and is available for charters on Saturdays. They currently have one ATR72-500, SE-MDB, which made its first flight on 17 August and will become D-ALBC in due time. (Lübeck, 1 August 2020, Otger van der Kooij)

Propliners

Canadair	CL-215	1034	EC-HET	Crashed 8 August 2020, in the Gerês-Xurés national reserve, on the Spanish Portuguese border. The airplane is based in Portugal and the fire started on the Portuguese side of the border, but the crash occurred on the Spanish side.
	CL-415EAF	1082	N417BT	Bridger Aerospace, ex C-GFBF. The second 415EAF modification has been registered in the USA on 10 August and was delivered to the USA on 15 August 2020.
Convair	240	147	N1022C	White with blue cheatline and a decorative Pan Am logo in the tail, this Convair was scrapped late July 2020 at Orlando-Apopka Field (FL). Only the cockpit has been salvaged for a flight simulator and the engines will be overhauled for another rebuild project in California.
Douglas	DC-3G202	11761	N130Q	Was placed back on floats in Greenville (MA) on 31 July 2020. This DC-3 was famous for being mounted on floats between 1990 and 2005. Rumours tell us there is an interested party from Alaska. Let us hope we can see her next year, flying from Lake Hood (AK)!
	BT-67	13070	N844TH	Basler completed project #67! The new Turbo Dak was ferried from Oshkosh (WI) to Bar River (ON.), Canada for painting on 18 August 2020. Ex Confederate Air Force Museum at Mesa (AZ).
	C-47B	26113	N211GB	The American Flight Museum in Topeka (KS) reported their new project was being transported from Excelsior Springs (MO) to Topeka, mid-August 2020. Photos and video show the unmarked fuselage on a flatbed trailer followed by another trailer for the wings.
	C-47D	33032	N1350A	Basler Turbo Conversions, noted on the conversion line at their facilities in Oshkosh (WI) on 7 August 2020. Expected to be conversion #68.
	DC-4-1009	42984	ZS-AUB	South African Airways Historical Flight/SkyClass. Was in use for pleasure flights and air safaris in southern Africa until SkyClass went out of business. The DC-4 was moved to her final home, the South African Airways Museum at Rand Airport on 5 August 2020. Sister ship ZS-BMH is still airworthy.
	DC-6B	45496	LN-SUB	Braathens SAFE. The ex-Everts DC-6 N151, that arrived in June at Stavanger Airport, was moved to the museum grounds on 4 August 2020.
	DC-6B	45565	V5-NCG	Sold to Nightwakh Air Systems, who are planning a ferry flight from Windhoek, Namibia to Zhuel (TX). A second transatlantic ferry flight by a DC-6 in 2020?
Grumman	HU-16C	G-293	N7025J	International Test Pilot School, based in London (ON.). The registration has been transferred from the USA to Canada on 5 August 2020 but so far no C registration has been reported yet.
PBY	5A	1679	16-212	Nederlandse Marine Luchtvaartdienst. The Catalina of the Nationaal Militair Museum at former Soesterberg Air Base, was transported to the Nederlands Transport Museum in Nieuw-Vennep, on 28 August. The airplane will remain here for a restoration project.

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

Fokker News

F27	-200ME	10663	1202	Royal Thai Navy. On 11 August this Maritime Enforcer had to make a nose gear up landing at Narathiwat Airport, Thailand. Damage was minor.
	-050	20109	OO-VLS	Air Antwerp. Paid a maintenance visit to Malmö prior to resuming service.
	-050	20288	5Y-	Ex 2-VGAS and former PJ-KVM of Insel Air has been cancelled on 20 April and sold to an unknown operator in Kenya.
	-050	20...	5Y-DDI	Silverstone Air Service. A former (ID unknown at this time) Amapola Flyg Fokker 50 left Malmö-Sturup on 26 August to ferry via Heraklion to Khartoum, where it arrived the following day.
F28	-0100	11324	OE-IDY	Alliance Aviation Slovakia, ex HB-JVH Helvetic. Was scheduled to go to the Australian Alliance Airlines, but after it got an Austrian registration last September it became clear that deal was off. It is now going to the Fantazia Liptov park in northern Slovakia, and the fuselage was seen leaving Bratislava on 19 June.
	-0100	11400	HP-1895PST	Air Panama. Left Panama City on 30 July and arrived Dinard, France on 1 August, devoid of titles. Is destined for the Armée de l'Air (French Air Force)'s DGA-EV unit, based at Istres-Le Tubé. It will join Fokker 100 290 (11290).

-0100	11415	PR-OAF	Pan Am. Fuselage and other parts were offered for sale by Aero Jota and Ricardo Espindola (a Brazilian entrepreneur) jumped at the opportunity to buy it! Will be transformed into a Pan Am restaurant at the parking lot of Igreja Batista Central de Brasília (a church), where the Pan Am Experience Brazil is based. Was moved to that location in August and work started right away with the former AVIANCA colours removed and already a Pan Am logo applied in the tail.
-0100	11466	VH-VKO	Alliance Airlines. Broken up at Perth and two pieces were removed and seen on a flatbed truck on 23 June.
-0100	11493	PH-ABW	Air Hollandia. Seen at Maastricht Aachen Airport 19 June without the registration. Has been here since 25 September 2015, with various registrations.

Credits: Merv Crowe, Skyliner.



Will this Fokker 70 VH-NUV of Alliance Airlines ever see delivery? It ferried from Bratislava to Norwich on 5 November 2018, being ex OE-LFH of Austrian Airlines. Alliance decided it would be used for spare parts after delivery, hence they never planned to give it their colours. But, it was a big surprise when it did receive their colours, and was seen as such on 22 August 2019, already as VH-NUV. Was the Fokker actually going to fly for Alliance? But, it was still seen at Norwich on 21 August 2020, by Simon Titchmarch, pretty much a year after its first sighting. It looks ready to go at a moments notice, it just needs the final word from Down Under...

Bizjets

BAe	125-850XP	258778	G-IMGP	Voluxis, ex M-IRNE. Registered on 21 July.
	125-850XP	258779	G-VOLB	Noted East Midlands on 3 August, ex G-XSMC.
Beech	400XT	RK-252	N490FL	Ex G-FXAR of Flexjet Ltd. was recently sold to TVPX ARS Inc. in the US.
	400XT	RK-365	N456FL	Ex G-FXAP of Flairjet Ltd. was recently sold to Flight Options in the US.
	400XT	RK-377	N477FL	Ex G-FXDM of Flexjet Ltd. was recently sold to Flight Options in the US.
	400XT	RK-397	N436FL	Ex G-FXDT of Flexjet Ltd. was recently sold to Flight Options in the US.
Cessna	525	0429	G-SOVI	Sovereign Business Jets, ex EC-IVJ. Registered on 21 August.
	525	0889	2-STFK	Ortac, ex N95KL. Registered on 21 July.
	525A	0043	G-JNRE	Synergy Aviation, ex D-IEKU. Registered on 20 July.
	525A	0471	D-ILWP	Noted at Mönchengladbach on 20 July, ex N369KL.
	551	0021	OE-FGR	GG Rent, ex N1HA. Registered in August.
	560XL	5316	N219GD	General Aviation Services, ex OE-GCG. Noted at Düsseldorf 21 May.
	560XL	5332	SE-RIV	H-Bird Aviation Services, ex N710MT. Registered on 7 July.
	560XLS+	6168	D-CSMC	Silver Cloud Air, ex D-CVHB. Noted at Düsseldorf on 23 May.
	650	0212	HA-JEF	Jet Stream 2004, ex D-CCSD. Noted at Lisbon on 23 July.
	680+	0570	N30GN	Smokey Flying, re-registered from N492CA on 1 May.
	700	0021	N282N	LJ60, registered on 30 April.
	700	0028	N805QS	NetJets, registered on 6 May.
	750	0175	N975TX	Textron Aviation, re-registered from N975QS on 7 May.
	750	0182	N982TX	Textron Aviation, re-registered from N982QS on 13 May.
	750	0187	N978TX	Textron Aviation, re-registered from N978QS on 7 May.
Challenger	350	20588	N827AC	Bank of Utah, ex M-SGJS. Registered on 27 April.
	350	20835	N787LP	SMS Investments, re-registered from N350BX on 12 May.
	350	20836	N885M	Balise Management, re-registered from N883M on 5 May.
	604	5654	D-AEOM	MHS Aviation, ex OE-IDG. Noted at Ibiza on 5 August.
	605	5858	N261FW	Perryair, re-registered from N261PW on 12 May.
Eclipse	EA500	000182	2-TAKA	Ex N177CK, to Guernsey on 23 July.
	EA500	000219	N1948W	Reregistered from N219EA on 31 July.
Embraer	505	50500557	M-NREN	This brand new Phenom 300 (ex N60318) was sold to Cross Aviation Ltd.
	505	50500577	D-CESE	Former PS-JEM of Embraer was sold to a yet unknown operator in Germany.
Falcon	7X	79	OO-FAE	Belgian Air Force, ex N119NE. Delivered to Brussels on 13 August.
	7X	227	F-HHBR	Noted at Geneva 24 July, ex TC-MMM.
	8X	454	F-OJMJ	Dassault Falcon Service, registered on 2 July.
	900EX	47	N382KU	Bond Aire, re-registered from N58CX on 8 May.
	2000	75	2-OOOX	Noted at Oxford on 22 August, ex N717FM.
	2000	208	I-WLFX	Aliserio, ex LX-MBE. Registered in July.
	2000LX	40	N142LX	Robert M Davidson, re-registered from N131A on 1 May.

Global	Express	9021	N8VB	Global Express of CBS Mass Media cancelled on 10 August, Global 6000 N612FG instead.			
	Express	9027	N850TR	Registration cancelled on 17 July.			
	XRS	9197	N265HT	Ex LX-PAK, delivered in the USA on 5 August.			
	5000	9834	PA-9834	Delivered to Pakistan Government in May, ex T7-RUS of TAG Aviation.			
	6000	9733	N610SW	Reregistered from N850MP on 21 July.			
	6500	60016	N63GX	Delivered to Bombardier on 20 August, ex C-GKBX.			
	6500	60030	C-GMWR	Delivered to Bombardier on 23 June.			
	6500	60031	C-GMXZ	Delivered to Bombardier on 29 June.			
	6500	60032	C-GMYE	Delivered to Bombardier on 30 July.			
	6500	60033	C-GNOE	Delivered to Bombardier on 14 August.			
	7500	70016	N711SW	Reregistered from N810TS on 21 July.			
	7500	70036	N888GX	Delivered to Bombardier on 29 July, ex C-GFIH.			
	7500	70063	C-GPFI	Delivered to Bombardier on 22 June.			
	7500	70064	C-GPFJ	Delivered to Bombardier on 2 July.			
	7500	70065	C-GPFR	Delivered to Bombardier on 31 July.			
	7500	70066	C-GPFT	Delivered to Bombardier on 17 August.			
	7500	70067	C-GPFU	Delivered to Bombardier on 18 August.			
	7500	70068	C-GPFY	Delivered to Bombardier on 18 August.			
	Gulfstream	IV	1053	N169PK	Western Jeet Aviation, ex N168PK. Registered on 7 May.		
		IVSP	1188	N412JD	Normandy's Triumph, ex N102LV. Registered on 8 May.		
IVSP		1400	N700FJ	Bizav Aircraft Management, ex N700FS. Registered on 28 April.			
G450		4235	N45DP	Iveair, ex PR-LHW. Registered on 7 May.			
G550		5050	EJ-KGRP	Noted at Farnborough on 13 August, ex OE-IKH.			
G550		5605	N279SH	Farnborough, ex N565GA. Registered on 30 April.			
G550		5611	T7-JOYY	Started delivery on 15 August, ex N561GD.			
G650		6113	SP-TOP	Jet Story, re-registered from M-PLUS. Noted at Figari on 22 July.			
G650		6120	N415FT	Financial Technology Partners, re-registered from N120GA on 7 May.			
G650ER		6306	SX-GJA	GainJet Aviation, ex 2-GJJA. Noted at London-Luton on 26 July.			
G650		6377	T7-GEM	Jet4u, ex N677GA. Noted at London-Luton on 28 January.			
G650		6428	N687GS	Delivered to Boise (ID) on 18 August, ex N628GA.			
G650		6429	T7-999	Sino Jet Management, ex N628GA. Delivered to Hong Kong on 16 August.			
G650		6431	N100AL	Abott Laboratories, ex N631GA. Delivered on 13 August.			
Honda	IAI	G500	72042	N22B	White Marlin, ex N142GA. Registered on 27 April.		
		G500	72054	M-DMUC	C-Airop, ex N554GA. Registered on 18 August.		
		HA-420	00192	OE-FAA	The Flying Bulls, ex N420VA. Registered in July.		
		G150	238	9H-	Ex N222LR, which was cancelled on 12 August. Exported to Malta.		
		G200	114	N445ST	Reregistered from N138NS on 29 July.		
		G200	234	N234EU	Registered in the USA on 11 August, imported from Mexico, ex XA-SRD.		
		G280	2042	SP-GEC	Delivered to AMC Aviation in March, ex OE-HGP of Alpine FlightService.		
		Learjet	Pilatus	45	45-055	9H-MSS	Former G-UJET of Patriot Aviation Ltd. was sold to Hyperion Aviation Ltd. in Malta in June.
				PC-24	182	OO-MBP	Ex HB-VSB of Pilatus Flugzeugwerke was sold to European Aircraft Private Club SCRL and is based at Gosselies.
				PC-24	183	VH-VTF	Ex HB-VSC of Pilatus Flugzeugwerke was sold to a yet unknown operator in Australia, probably Royal Flying Doctors Services.
Raytheon		PC-24	185	HB-VSE	Registered to Pilatus Flugzeugwerke in June, later sold as:		
		PC-24	185	N541AR	to Pilatus Business Aircraft in the US in August.		
		390	RB-131	OK-FWW	Former OM-FWW of Tatra Jet sro was sold to LR Airlines sro in June.		



It seems that HB-JRJ is the first Global 5500 delivered to a customer. It arrived in Switzerland in June and will replace Global 5000 HB-JRI. (Rotterdam-The Hague, 3 July 2020, Kees Hartevelde)

Bizprops

Beech	B200	BB-1116	N890VP	Ex EC-LTA of Air Taxi & Charter International, S.L was sold to Dodson International Parts Inc. Will probably be scrapped for parts.
	B200	BB-1281	PH-ZCZ	Former N287RA of Eastern Stearman Inc. was sold to Zeusch Aviation.
Cessna	208B EX	5452	N414CY	Lifesouth Community Blood Centers, ex YR-JBC. Registered on 11 May.
	208B EX	5504	S5-CIK	FlyCom Aviation, ex N504EX. Delivered on 18 March.



Pilatus PC-12/47E PH-ONE was delivered to a Dutch owner in July. It used to fly as D-FKJM in an all-white colour scheme, so prior to delivery a splash of colour was added. (Budel, 22 July 2020, Toon Cox)

Commander690A	11121	OO-HWK	RENI, ex SE-LZU. Registered on 22 July.
Piaggio	P180 3009	C-GAPT	Registered to Centaero Aviation on 28 July, ex N32WC.
Pilatus	PC-12/47E 1461	PH-ONE	Ex D-FKJM was sold to M. Boers in July and will be based at Seppe.
	PC-12/47NGX 2005	D-FULI	Former HB-FRX of Pilatus Flugzeugwerke was sold to Ulrich Byszio in Germany.
	PC-12/47NGX 2023	HB-FSP	Registered to Pilatus Flugzeugwerke in June, later sold as:
	PC-12/47NGX 2023	N923AF	for Pilatus Business Aircraft Ltd. in the US.
	PC-12/47NGX 2024	HB-FSQ	Registered to Pilatus Flugzeugwerke in June, later sold as:
	PC-12/47NGX 2024	N913SB	for Pilatus Business Aircraft Ltd. in the US.
	PC-12/47NGX 2025	HB-FSR	Registered to Pilatus Flugzeugwerke in June, later sold as:
	PC-12/47NGX 2025	N79CV	for Pilatus Business Aircraft Ltd. in the US.
	PC-12/47NGX 2026	HB-FSS	Registered to Pilatus Flugzeugwerke in June.
	PC-12/47NGX 2028	HB-FSU	Registered to Pilatus Flugzeugwerke in July, later sold as:
	PC-12/47NGX 2028	N928GX	for Pilatus Business Aircraft Ltd. in the US.
Piper	46-600TP 4698029	RA-07787	Registered on 20 June 2019, ex N600RU.

Soviet Updates

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

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

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

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

An-2R	1G154-33	"05" black	Georgian Air Force	photo	07dec19	on overhaul at Tbilisi, c/n clearly readable
An-2R	1G166-57	HA-MAW	J. Szekely	photo	02aug20	seen preserved Sasto
An-2R	1G189-27	UR-84560	Meridian Airlines	rgd	07jul20	
An-2R	1G202-28	RA-84766	Adygeya-Avia	lsd	14feb03	canx between 13may20 and 21jul20
TVS-2MS	1G216-08	RA-40928	SiLA	photo	18jul20	at Novosibirsk-Mochishche with large 'Sibirskaya Lekaya Aviatsiya' titles
An-2R	1G217-35	RA-40995	Virazh	rgd	03jun99	canx between 13may20 and 21jul20
An-2	---	LZ-AN030		NIC	12sep68	
An-2	---	LZ-AN031		NIC	12sep68	
An-2	---	LZ-AN032		NIC	12sep68	
An-2	---	LZ-AN033		NIC	12sep68	
An-2	---	LZ-AN125 ?		NIC	12sep68	registration to be confirmed
An-2	---	LZ-AN128		NIC	12sep68	
An-2	---	LZ-AN129		NIC	12sep68	
An-2	---	LZ-AN316		NIC	12sep68	
An-2	---	LZ-AN331 ?		NIC	12sep68	registration to be confirmed
An-2	---	LZ-030		NIC	12sep68	
An-2	---	RDPL-34025	Laos Army	ph.	facebook	after 2013 as a Z9 is visible in the background
Legenda570	---	no reg	SibNIA	f/f	31jul20	from Novosibirsk-Yeltsovka; is a modernised An-2 with a PT6A-67B turboprop engine



Since the Irish corporate aircraft prefix EJ- was launched in late 2018, only a few aircraft have been added to it. Gulfstream G550 EJ-KGRP was first noted with its new registration on 13 August and is former OE-IKH. Operator of this aircraft is GainJet Ireland. (Shannon, 21 August 2020, Malcolm Nason)

An-12BP	5 34 29 08	UP-AN218	Jupiter Jet	rgd	21sep19	to Roland Avn (FZE) of Sharjah; ex EY-414
An-12BK	00 34 70 06	ST-AZH	AZZA		photo	derelict, date and location in Sudan unknown
An-24RV	1 73 069 05	RA-49279	Turukhan	Kjc	13may20	remains only so broken up
An-24RV	2 73 079 06	RA-46468	Turukhan	Kjc	13may20	remains only so broken up
An-24RV	2 73 082 04	RA-46491	UTair	SGC	08jul20	put in storage this date
An-24RV	2 73 082 07	RA-46494	Katekavia	Kjc	13may20	remains only so broken up
An-24RV	4 73 092 02	RA-46651	Sirius Aero	ARH	10jul20	forward fuselage cut off
An-24RV	4 73 097 04	RA-46682	KomiAviatrans	lsd	aug20	reported by RP
An-24RV	4 73 099 03	RA-46692	UTair	UFA	29nov19	put in storage; CofA expired 23dec19
An-24RV	5 73 100 08	RA-46529	Khabarovsk Avia	KHV	oct14	canx between 13may20 and 21jul20
An-24RV	5 73 101 01	RA-46532	UTair	SGC	24apr20	put in storage; CofA expired 30apr20
An-24B	1 99 023 09	RA-26191	TsSKB-Progress	ARH	15may17	canx between 13may20 and 21jul20
An-26	15 09 ?	TL-VIB	Via Air	KTW	06aug20	c/n NOT confirmed; d/d ex KTW 15aug20
An-26	25 06	not known	Russian Air Force		in 2004	life-time expired; soc between 2011 and 2013
An-26	64 07	EK-26407(2)	South Airlines	rgd	12mar10	canx 08 apr13; w/o 10 apr13; canx date conf. by CAA
An-26	66 07	CU-T1420	Aerogaviota	b/u	date ?	at Playa Baracoa or Ciudad Libertad
An-26	66 10	CU-T1421	Aerogaviota	b/u	date ?	at Playa Baracoa or Ciudad Libertad
An-26	69 03	CU-T1408	Aerogaviota	b/u	date ?	at Playa Baracoa or Ciudad Libertad
An-26	70 06	CU-T1429	Aerogaviota	b/u	date ?	confirmed scrapped at Playa Baracoa
An-26	73 09	CU-T1433	Aerogaviota	b/u	date ?	at Playa Baracoa or Ciudad Libertad
An-26B	111 01	RA-26058	Dalavia	KHV	07aug15	stored; canx between 13may20 and 21jul20
An-26B	112 03	UR-UZG	all white, n/t	ATH	21jun20	l/n Kananga 29jul20 also carrying UNO-858 on the forward fuselage
An-26	113 03	CU-T1425	Cuban Air Force	b/u	date ?	at Playa Baracoa or Ciudad Libertad
An-26	115 08	EX-126	Gateway Export Avn	w/o	22aug20	after take off Juba, was overload by 2,5 tons
An-26B	122 05	TL-VIA	Via Air	ATH	08aug20	ferried BGL-LXR-ATH-KTW; ex EK-26005(2)
An-26	126 04	CU-T1228 (2)	Cubana	Bar	2020	derelict with only the basic airframe remaining
An-26	126 05	CU-T1402	Aerogaviota	b/u	2020	was wfu for many years at Playa Baracoa
An-74TK100	36547097936	RA-74044	United Nations	dbr	03aug20	at Gao, made a forced landing and overran
An-74-200	36547098960	RA-74013(2)	UTair Cargo	UFA	16jun20	placed in storage
Be-12PL	2 60 26 02	RF-12018	Russian Navy	photo	24jul20	at Gromovo clearly shows c/n; coded "01" yellow
Be-12PS	3 60 28 03	RF-12013	Russian Navy	photo	24jul20	at Gromovo clearly shows c/n; coded "76" yellow
Il-38	0890 105 09	RF-75333	Russian Navy	PKC	07aug20	now coded "05" blue
Il-62M	29 51 6 3 6	RA-86579	KAPO im. Gorbunova	KZN	2010/17	stored; AOC revoked feb15; b/u by may18
Il-76T	0934 20594	UR-CIE	ZetAvia		jul20	reported to have been placed in storage; canx between 20dec19 and 19feb20;
Il-76T	00034 23699	UR-CPV	Yuzhmashavia	TSN	20may20	canx between 29jun20 and 07aug20
Il-76MD	00234 38099	CCCP-86912	Soviet AF/AFL c/s		2006/18	seen Balashov; c/n now confirmed
Il-76TD	00334 46325	UP-I7656	Jenis Air		dec19	in the Ilyushin OKB website; rep. stored jul20
Il-76MD	00634 67014	CCCP-76679	Soviet AF/AFL c/s	w/o	02apr87	collided with Il-76MD C/P-76685; c/n confirmed
Il-76MD	00634 68037	CCCP-76685	Soviet AF/AFL c/s	w/o	02apr87	collided with Il-76MD C/P-76679; c/n confirmed
Il-76TD	10234 10336	RA-76816	not known	rgd	22jun20	ex EZ-F425
Il-76TD	10234 14450	EX-76004			18jun20	on the Ilyushin OKB website; ex UP-I7654
Il-112V	01-01	RF-41400	Russian Air Force	Vox	30jul20	coded "01" yellow
Ka-27PL	5235002023322	RF-19130	Russian Navy	photo	24jul20	over St. Petersburg; coded "41" red
Ka-27PL	5235002023325	RF-19063	Russian Navy	photo	24jul20	over St. Petersburg; coded "43" red
Ka-32T	8802	RA-31595	UTair	OVS	21jul20	
Ka-52	---	RF-13421	Russian Air Force	photo	jul20	coded "79" yellow
Ka-52	---	RF-13437	Russian Air Force	Rzd	26jun20	coded "85" red
Ka-52	---	RF-13440	Russian Air Force	Rzd	07jul20	coded "97" yellow
Ka-52	---	RF-13441	Russian Air Force	photo	apr20	coded "98" yellow
L-410-UVP-E20	28 03	RF-67752	Russian Air Force	Roc	29jul20	coded "17" blue; c/n now known
Mi-1M	W 04 031	31	Hungarian Air Force		jul20	preserved in a garden at Sárszentmihály
Mi-1M	W 04 034	34	Hungarian Air Force		jul20	stored in a hangar at Börgönd; c/n checked

Mi-1M	W 04 036	36	Hungarian Air Force	jul20	stored in a hangar at Börgönd; c/n checked
Mi-1M	W 4 01 032	'032'	Hungarian Air Force	jul20	stored in a hangar at Börgönd; c/n checked
Mi-2	56 2637 112	2637	Polish Air Force	jul20	converted into a mobile bar and buffet; seen at "Stadsosse de Zomertuin" at Eindhoven
Mi-2	51 7812 082	7812	Hungarian Air Force	may19	at the shooting range Tétény lötér in Budapest
Mi-2	51 7813 082	7813	Hungarian Air Force	nov19	at a Rescue Training Facility at Jászberény
Mi-2	52 9123 035	RA-23302	Krechet	mar20	KJA-Solnechny; canx betw. 13may20/21jul20
Mi-2	51 9413 095	HA-BGF (2)	OMSZ Legimentő KT	nov19	at a Rescue Training Facility at Jászberény
Mi-2	5110028 116	10028	Hungarian Air Force	nov19	at a Rescue Training Facility at Jászberény
Mi-8T	20 06 28	628	Hungarian Air Force	jul20	in a compound at Kövesgyűrűpuszta
Mi-8T	10428	10428	Hungarian Air Force	jul20	in a compound at Kövesgyűrűpuszta
Mi-8T	226212	6212	Hungarian Air Force	2019	destroyed during the shooting of a film
Mi-8T	9 87 30894	RA-24246	UTair	KHV 20may20	in mainly blue c/s
Mi-8T	9 91 50406	RA-25600	Barkol	dbR 08nov18	finally canx between 13may20 and 21jul20
Mi-8MTV-1	9 7321	RA-24193(2)	Ozernovski RKZ 55	h/o 02jun20	c/n now known
Mi-8MTV-1	9 7480	RA-24433(2)	Vityaz-Aero	rgd 02jun20	h/o 04jun20; c/n now known
Mi-8MTV-1	9 7528	RA-24153(2)	Yamal	rgd 30jun20	
Mi-8MTV-1	9 7529	RA-24168(2)	Yamal	rgd 02jul20	in full c/s
Mi-172	704C06	VT-SKC	Sky One Airways	rgd 12apr17	canx 31dec19; c/n correction !
Mi-8AMT	8AMT00643167626U	"44" red	Russian Air Force	h/o 08jul17	l/n Korenovsk may20; c/n now known
Mi-8AMT	8AMT00643187719U	RA-22395(2)	not known	rgd 27may20	
Mi-8AMT	8AMT00643187751U	RA-22439(2)	not known	rgd 18jun20	
Mi-8AMT	8AMT00643187754U	RA-22451(3)	Vityaz-Aero	rgd 02jun20	
Mi-8AMT	8AMT00643187755U	RA-22375(2)	not known	rgd 27may20	
Mi-8MTV-5	---	RF-04523	Russian Air Force	Rzd 04jul20	coded "55" blue
Mi-8MTV-5	---	RF-04524	Russian Air Force	Rzd 04jul20	coded "56" blue
Mi-8MTV-5	---	RF-04525	Russian Air Force	Roc jul20	coded "57" blue
Mi-8MTV-5	---	RF-04526	Russian Air Force	photo 24jul20	over St. Petersburg City; coded "19" red
Mi-8AMTSh	---	RF-23155(2)	FSB	KRR mar20	
Mi-8AMTSh	---	RF-23187(2)	FSB	SIP 19mar20	
Mi-8AMT-1	---	RF-23189(2)	FSB	VKO 05aug20	
Mi-8MTV-5	---	RF-24755	Russian Air Force	Kub 01aug20	Mi-8MTV-5-1; coded "35" yellow
Mi-8MTV-5	---	RF-92066	Russian Navy	photo 26jul20	over St. Petersburg; coded "23" red
Mi-171E	---	LH911710	Chinese Army	photo jul20	ex LH937xx; opb the Xinjiang Brigade
Mi-17V-5	---	LH921725	Chinese Army	photo 2020	ex LH927xx; opb the Tibet/Xizang Brigade
Mi-171E	---	LH951712	Chinese Army	photo 2020	opb 81st Brigade at Tongxian
Mi-17V-5	---	LH961701	Chinese Army	photo 2020	opb 78th Brigade
Mi-17V-5	---	LH961715	Chinese Army	photo 2020	opb 78th Brigade
Mi-171	---	LH962707	Chinese Army	photo 2020	opb 79th Brigade at Liaoyang
Mi-171	---	LH962752	Chinese Army	photo jul20	opb 79th Brigade at Liaoyang
Mi-17V-5	---	ZP5128	Indian Air Force	TV 16aug20	whilst rescuing a man from a river
Mi-24R	353242 39 12925	"45" white	Belarus Air Force	Mma 30apr20	c/n now known
Mi-24P	353243 34 20346	"05" yellow	Ukraine Army Avn	photo 2014	for full details on this c/n see the on-line database
Mi-24P	353243 34 20357	"01" yellow	Ukraine Army Avn	photo 02apr14	for full details on this c/n see the on-line database
Mi-24P	353243 44 20724	"182" yellow	Ukraine Army Avn	photo jul14	for full details on this c/n see the on-line database
Mi-24P	353243 18 24892	"07" yellow	Ukraine Army Avn	photo 2014	for full details on this c/n see the on-line database
Mi-24P	353243 28 26193	"03" yellow	Ukraine Army Avn	photo 2014	for full details on this c/n see the on-line database
Mi-24P	353243 38 26271	"602" yellow	Ukraine Army Avn	photo sep16	for full details on this c/n see the on-line database
Mi-24P	353243 20 27566	"31" yellow	Ukraine Army Avn	photo <2014	for full details on this c/n see the on-line database
Mi-24P	353243 20 27580	"04" black	Ukraine Army Avn	Plw 26jul15	for full details on this c/n see the on-line database
Mi-24P	353243 20 27608	"211" yellow	Ukraine Army Avn	photo 2019	for full details on this c/n see the on-line database
Mi-24K	353241 47 12243	"22" yellow	Ukraine Army Avn	photo mar18	for full details on this c/n see the on-line database
Mi-24R	353242 47 12293	"21" yellow	Ukraine Army Avn	photo 04apr14	for full details on this c/n see the on-line database
Mi-24VP	353248 49 10248	"09" yellow	Ukraine Army Avn	photo 2014	for full details on this c/n see the on-line database
Mi-24VP	353248 49 10258	"08" yellow	Ukraine Army Avn	w/o 24mar15	for full details on this c/n see the on-line database
Mi-24VP	353248 49 10259	"10" yellow	Ukraine Army Avn	photo 01oct13	for full details on this c/n see the on-line database
Mi-24D	B40 72	96+25	German Army	photo jul20	in Komo-Sky 51-es BAZIS museum at Dunavarsány
Mi-24D	110 162	96+27	German Army	photo jul20	preserved in Hadipark at Szeged
Mi-24V	220 714	714	Hungarian Air Force	photo jul20	preserved in RepTár - Szolnoki Repülõmúzeum
Mi-24V	220 716	716	Hungarian Air Force	photo jul20	preserved in RepTár - Szolnoki Repülõmúzeum
Mi-26T	34001212503	RA-06275	Vertikal-T ?	rgd 28may20	ex EW-342TF
Mi-26T	34001212527	RF-17550	Rosgvardiya	Roc 04aug20	with code changed to "02" yellow
Mi-28UB	---	RF-13458	Russian Air Force	Roc 08may20	coded "46" blue
Mi-28N	---	RF-13636	Russian Air Force	photo mar19	coded "207" blue
Mi-34S	978303 47 01004	no reg	no titles	photo 25jul20	pres. "Reduktor-PM" factory; ex RF-38382
RRJ-95B	95 204	89144	primer	f/f 21jul20	for Rossiya
Tu-134B-3	63285	RA-65576	RusAir	VKO 14jun19	canx between 13may20 and 21jul20
Tu-134Sh-2	9 35 51005	RF-66023	Russian Air Force	MSQ 2020	now coded "39" red
Tu-95MSM	100021 4 8 34666	RF-94121	Russian Air Force	f/f 23aug20	from Taganrog; coded "21" red
Tu-154B-2	81A506	RA-85506	Sayany Airlines	photo 29jul20	at the Raduga children's zoo at Chita
Tu-154M	88A783	RA-85101(2)	all-white c/s, n/t	KZN 2012/17	canx between 22mar18 and 25apr18; b/u by may18
Tu-154M	88A790	RA-85109(2)	all-white c/s, n/t	KZN 2013/17	canx between 22mar18 and 25apr18; b/u by may18
Tu-154M	88A791	RA-85136(2)	all-white c/s, n/t	KZN 2012/17	canx between 22mar18 and 25apr18; b/u by may18
Yak-12R	10 4 17	CCCP-L5886	AFL/Far East	rgd 06feb56	became CCCP-56359 rgd 20jun58
Yak-12R	11 4 01	CCCP-L5909	AFL/Far East	rgd 08feb56	became CCCP-95909 rgd 20jun58
Yak-12R	11 4 21	CCCP-L5919	AFL/Far East	rgd 08feb56	became CCCP-95919 rgd 20jun58



A rare and surprise visitor to Bordeaux-Mérignac, France, was Rossiya Tupolev 204 RA-64059. Seen on the production line back in August 2015, it is a relatively young product of Tupolev. It was delivered to home base Moscow-Vnukovo in March 2017 to join the impressive Rossiya fleet. The reason for this visit to Bordeaux is not immediately obvious, but Django Bruinink was more than happy when it appeared in front of his lens on 6 July 2020.

Yak-12R	11 4 39	CCCP-L5921	AFL/Far East	rgd	08feb56	became CCCP-95921	rgd 20jun58
Yak-12R	12 4 40	CCCP-T5956	AFL/Far East	rgd	08feb56	became CCCP-95956	rgd 20jun58
Yak-12R	13 4 21	CCCP-T5960	AFL/Far East	rgd	08feb56	became CCCP-95960	rgd 20jun58
Yak-12M	01 5 03	CCCP-L5998	AFL/Northern	rgd	31jan56	became CCCP-95998	rgd 13may58
Yak-12M	03 5 21	CCCP-L5980	AFL/Far East	rgd	23may56	became CCCP-95980	rgd 20jun58
Yak-12M	03 5 24	CCCP-L5764	AFL/Far East	rgd	15mar56	became CCCP-05764	rgd 20jun58
Yak-12M	03 5 26	CCCP-L5769	AFL/Far East	rgd	24jul56	became CCCP-05769	rgd 20jun58
Yak-12M	03 5 28	CCCP-L5766	AFL/Far East	rgd	30mar56	became CCCP-05766	rgd 20jun58
Yak-12M	03 5 36	CCCP-L5973	AFL/Far East	rgd	30aug56	became CCCP-95973	rgd 20jun58
Yak-12M	09 5 14	CCCP-L4161	AFL/Northern	rgd	08jun56	became CCCP-74161	rgd 13may58
Yak-12M	29 5 02	CCCP-L1016	AFL/Uzbekistan	rgd	1958	became CCCP-21016	rgd 1958
Yak-12M	29 5 03	CCCP-L1098	AFL/Uzbekistan	rgd	1958	became CCCP-21098	rgd 17may58
Yak-12M	31 5 01	CCCP-L0728	AFL/Uzbekistan	rgd	1958	became CCCP-40728	rgd 17may58
Yak-12M	31 5 04	CCCP-L0731	AFL/Uzbekistan	rgd	1958	became CCCP-40731	rgd 17may58
Yak-18T	22202050728	RA-44279(2)	no titles	Yeg	28jun09	canx between 13may20 and 21jul20	
Yak-40	9 43 14 36	'OK-TSE'	'Seko Airlines'		29jul20	at SEKO Aerospace a.s. company; ex OK-020	
Yak-40	9 53 01 42	RA-88297	Lukoil		jul20	preserved near the terminal at Kogalym; was canx between 13may20 and 21jul20	
Yak-40	9 61 18 46	RA-88164	Aviatest	TOF	09jul20	ex SibNIA colour scheme	
Yak-40	9 63 19 48 ?	HH-RDD	all-white c/s, n/t	CCS	15sep04	c/n not confirmed, but comparison of photos suggests very likely being ex UN-88197	
Yak-42D	452042 29 14 203	RA-42370	KrasAvia	KUF	02oct18	canx between 13may20 and 21jul20	
Yak-42D	452042 30 16 230	RA-42384	UTair	SGC	07jun20	put in store this date	
Yak-42D	452042 40 16 542	RA-42389	KrasAvia	KGP	28jul20	all white no titles	
Yak-42D	452042 11 16 567	RA-42401	UTair	SGC	07jun20	put in store this date	
Yak-42D	452042 23 05 016	RA-42427(2)	UTair	SGC	02jun20	put in store this date	
Yak-42D	452042 23 03 017	RA-42421	UTair	SGC	03jun20	put in store this date	
Yak-42D	452042 44 04 018	RA-42455	UTair	SGC	02jun20	put in store this date	
ARJ21-700	137	B-605Q	Zhongfei	PVG	25jul20	Zhongfei General Avn Comp; flew from PVG 25jul20	
Y5	11 320 05	B-8431	Three Gorges General Avn	photo	may16	preserved Jiulongpo	
H5	---	02202	Chinese Air Force	photo	19jul20	displayed in Yungang Forrest PArt, Beijing	
H6G	16 24 09	81127	Chinese Navy	photo	mar19	l/n CZX 06aug20	
H6G	18 24 01	81224	Chinese Navy	photo	mar19	l/n CZX 06aug20	
H6J	24 J 009	9081	Chinese Navy	photo	aug20	opb Southern Theatre Command	
H6J	---	9011	Chinese Navy	photo	aug20	8th Division/23rd Regt	
H6J	---	9031	Chinese Navy	photo	aug20	8th Division/23rd Regt	
H6J	---	9091	Chinese Navy	photo	aug20	8th Division/23rd Regt	
H6H	---	40271	Chinese Air Force	photo	may20	36th Div/107th Reg	
H6H	---	40571	Chinese Air Force	photo	may19	36th Div/108th Reg	
Y5	---	FH98-0001	SF Airlines	photo	21aug20	at Ningxia; an unmanned cargo version !	
Y5	---	FH98-0002	SF Airlines	photo	21aug20	at Ningxia; an unmanned cargo version !	
Y7H	---	53219	Chinese Air Force	INC	29jul20	WTC/3rd SAR & Transport Regiment	
Y8C	---	86202	Chinese Navy	photo	14jun20	Naval Av. Univ./6th Reg	
Y12-II	0097 ?	KAF128	Kenyan Air Force	w/o	04aug20	crashed after t/o from Dhobley Airstrip, Sudan	
Y20A	---	11155	Chinese Air Force	photo	jul20	coded '15' on the nose	
Y20A	---	20045	Chinese Air Force	photo	aug20	coded '05' on the nose	
Y20A	---	20047	Chinese Air Force	photo	jun20	coded '07' on the nose; l/n TSN 24jul20	
Y20A	---	20048	Chinese Air Force	photo	18jun20	carried also code '08' on the nose	

PH register

Newly registered aircraft:

PH-BBD	Kubicek BB130P	1718	28jul20	"BAS Ballonvaarten" advertisement.
PH-ONE	Pilatus PC-12/47E	1461	07jul20	Ex D-FKJM, HB-FVX.
PH-PBO	Ultramagic M-160	160/93	09jul20	"BK Pharma Logistics" advertisement.
PH-SIX	Van's RV-6	25145	28jul20	
PH-VRB	Cameron Z-160	12382	20jul20	"De Beuk Werkbanken" advertisement.
PH-ZBZ	Beech C90A	LJ-1164	24jul20	Zeusch Aviation, Lelystad.
PH-ZCZ	Beech B200	BB-1281	31jul20	Zeusch Aviation, Lelystad.
PH-4R4	TL 2000 Sting S4	20 ST 489	10jul20	

Change of ownership:

PH-FIN	Cameron Z-180	11189	07286	30jul20
PH-KVL	Tecnam P2010	44	09871	21jul20
PH-MAR	Sky Balloons Sky 65-24	108	08640	31jul20
PH-MMC	Fire Balloons G 36/24	1236	07055	30jul20
PH-STW	Cessna 172R	17280158	07170	10jul20
PH-STZ	Cessna 172R	17280246	07164	10jul20
PH-TIG	Lindstrand LBL-310A	769	06062	15jul20
PH-TWO	Zenith CH801-HD	CH8011202	08306	28unj20
PH-449	Schleicher ASK-13	13413	01999	16jul20
PH-1046	Glaser-Dirks DG-500M	5E141M55	05041	17jul20
PH-1340	Schempp-Hirth Nimbus 4DM	37	06718	29jul20
PH-1559	Bölkow Phoebus C	912	08569	28jul20

Cancelled from register:

PH-BFY	Boeing 747-406	30455	06193	07jul20	Wfu.
PH-COL	Neico Lancair 320	399	05116	24jul20	More than one year without valid airworthiness document.
PH-DIB	Schweizer 269C	S-1612	04540	24jul20	More than one year without valid airworthiness document.
PH-ERA	Monnett Sonerai II	86270	07740	28jul20	More than one year without valid airworthiness document.
PH-JPS	Robinson R44 Raven II	11772	08085	14jul20	"No longer compliant with requirements".
PH-TCN	Piaggio P.180 Avanti	1089	09356	15jul20	To N2444Z.
PH-1Z5	Murphy Renegade Spirit	214	08817	28jul20	More than one year without valid airworthiness document.
PH-2A2	Solar Wings Quasar	0039	20275	27jul20	More than one year without valid airworthiness document.
PH-3W4	Zenith CH-601 UL	6-9374	20741	20jul20	To Czech Republic.
PH-8S3	Fresh Breeze XCitor	156	20971	27jul20	More than one year without valid airworthiness document.
PH-726	Grob G102 Club Astir	5588CB	03257	31jul20	To Germany.
PH-1033	Glaser-Dirks DG-300	3E38	04910	21jul20	W/o near Dülmen, Germany, 11 July 2020. Mid-air collision with PH-1282.
PH-1150	Rolladen-Schneider LS-8-18	8233	05956	31jul20	W/o Gilze-Rijen, 12 July 2020.
PH-1282	Rolladen-Schneider LS-4-b	4964	06385	31jul20	W/o near Dülmen, Germany, 11 July 2020. Mid-air collision with PH-1033.

Additions, corrections and news:

PH-ZBZ	Beech C90A	Ex 2-ZEUZ, F-WTDE, N104AJ, ZS-MIL, N3079Z.
PH-ZCZ	Beech B200	Ex N287RA, C-FAMB, N856TC, N281WJ, SE-LMO, N281WJ, PK-HPH, N521FA, N30721.

Credits: Inspectie Leefomgeving en Transport.



Three of the King Airs belonging to Zeusch Aviation have recently received a Dutch registration. The former 2-ZEUZ made its first flight as PH-ZBZ on 29 July 2020. The Beech C90A King Air was originally delivered to Zeusch Aviation in October 2018. (Lelystad, 29 July 2020, Berend Jan Floor)

Dustpan & Brush



On 5 July 2020, the United States Air Force Aircraft Accident Investigation Board released its findings on a mishap involving F-16CM 90-0755/HO, which occurred on 29 October 2019 at Holloman AFB (NM). We now know its serial and also the unit was an update, as the Viper belonged to 314th Fighter Squadron. Wim Sonneveld was lucky to see it at Luke AFB (AZ) on 30 January 2012.

Additions & Corrections:

29oct19 90-0755/HO F-16CM 1C-363 w/o
See Scramble 487.

02dec19 F-ZBPZ EC145 9056 w/o
See Scramble 488.

New Accidents:

25jul20 XA-FTG Ce208B 208B2311 dam
The Holbox Airstrip with its 650 metres long dirt runway was not long enough for the AX Transporter Cessna Grand Caravan to stop, as it suffered a runway excursion after landing, resulting in substantial damage. The right-hand wing impacted a small concrete building and suffered serious damage at the wing root. The five passengers and two pilots survived the crash.

26jul20 N450BD G1159A 412 w/o
The Ejercito Guatemala came across this burning Gulfstream III in a field, some fourteen kilometres from El Chal, Petén Department, Guatemala. The bizjet was used on a drug running flight. Its last official registered flight was on 25 July when it flew from Ciudad del Carmen to Chetumal, both in Mexico.

26jul20 F-GNLM AS350B1 2021 dam
When hovering from the take-off parking point at Clermont-Ferrand Airport, the pilot of the private Ecureuil lost left yaw control. The helicopter landed very hard as a result and sustained substantial damage.

26jul20 VH-TSI Ce402C 402C0492 w/o
Shortly after take-off from Papa Lealea, enroute to Mareeba (Qld.), Australia, the private Cessna Utiliner lost height and crashed in an open field, bursting into flames. The pilot was not found on site and the aircraft was partially destroyed by fire. The ELT (Emergency Locator Transmitter) was activated on the same day, but the wreckage only a day later, 27 July. The Royal Papua New Guinea Constabulary and the AFP found 28 bags containing what investigators believe is 500 kilograms of cocaine. That load may have been too much for the twin prop.

27jul20 UH-60A w/o
An Afghan Air Force Black Hawk crashed in southern Helmand province due to 'technical issues. The incident happened about 8:40 local time in the morning in the Kajaki district

while the helicopter was landing. The five crew members were wounded slightly. A security source said the helicopter was targeted by the Taliban while flying over Kajaki and "was carrying wounded army soldiers." However, the Taliban did not comment on the incident.

28jul20 PK-YSZ B737-3Z0 23451 dam
A Trigana Air Service Boeing 737-300 suffered damage after an unbalanced approach to runway 15 at Wamena Airport, Papua, Indonesia. The outer flap fairing on the left-hand wing and the left-hand wing tip sustained scraping damage after striking the runway on landing. A video shows the Boeing appearing from a low cloud ceiling on final approach. It crossed the runway threshold at a height of about 100 feet and rolled left prior to what appears to be a touchdown. It was coming in from Jayapura and carried two crew and fourteen tons of goods.

28jul20 N856TC Kodiak 100 100-0041 dam
A pilot survived a CLY Aviation Quest Kodiak crash into Lake Washington, near Carrilon Point in Kirkland (WA), about a half-mile to a mile off shore. No one else was on board. According to Kirkland fire, the seaplane was trying to land on the water when it crashed and capsized. Witness video shows people crowding around the marina to see what happened. "A seaplane came in for a normal landing north to south before somersaulting and ending up upside down in the lake," Kirkland fire Deputy Chief Tim Day said. Pictures from Seattle police Harbor Patrol show the wheels still deployed on the seaplane, which could have contributed to the crash.

28jul20 ZA683 Chinook HC6A MA014/M7031 dam
An RAF Chinook of 18(B)sq was forced to make an unplanned landing on Carmarthenshire farmland, near Llangynin, Wales. The Ministry of Defence said the incident happened on Tuesday evening 28 July, and the twin-engine aircraft crew suffered "minor injuries". A suspected "wire strike" is thought to be responsible for the heavy-lifting helicopter coming down in the area. Military chiefs said the Chinook was on a training exercise at the time. Pam Windsor, a community councillor in Llangynin, said her electricity supply cut off suddenly after her family heard a "loud sort of droning noise of a helicopter very close by". She said: "We went outside and we could see the Chinook very low, just passing over the village heading towards fields in the distance."

29jul20 TC-LJC B777-3F2ER **44123** dam
 29jul20 OD-MEA A330-243 **984** nil
 A Middle East Airlines Airbus A330 struck the APU of a Turkish Airlines Boeing 777-300ER at Lagos Murtala Mohammed International Airport, Nigeria. The Triple Seven had arrived at Lagos at 15:22 hours local time in the afternoon as flight TK6108 from Istanbul-Havalimani (Istanbul's new airport). The A330 landed at 15:59 as flight ME571 from Beirut. While the Airbus taxied past the parked B777 the left wing tip cut through the underside of the APU section of the B777. The Triple received quite some damage while the Airbus received next to no damage.

29jul20 N755AE AS350B3e **7763** w/o
 Not much known other than that the Rainier Heli International Ecureuil crashed in the mountains at Pioche (NV), killing both occupants.

30jul20 N337V Ce337F **33701369** w/o
 Flying from Helena Airport (MT) to Jackson Hole Airport (WY), the Red Devil Skymasters Cessna Skymaster (with three occupants on board) impacted mountainous terrain between Ennis and Big Sky, Madison Range, Madison County (MT). There was one reported fatality, and two occupants with unspecified injuries. The aircraft was destroyed.

30jul20 N515BA Beech 200 **BB-603** w/o
 A private Beechcraft Super King Air was found to have landed on a clandestine air strip in Venezuela, at Rio Negro, Zulia. It probably had been used for transporting drugs. Venezuelan law enforcement officers set the aircraft on fire.

31jul20 N4982U DHC-2 **904** w/o
 A private Piper PA-12 Super Cruiser (N1904T) and a float-equipped de Havilland Canada DHC-2 Beaver of High Adventure Air Charter (which offers fishing, hunting, bear viewing and glacier tour trips as well as custom charters), crashed in a wooded area following a mid-air collision over Sterling (AK),

near Soldotna. All six occupants of the DHC-2 and the pilot, who was the sole occupant of the Piper, did not survive the crash.

31jul20 CC-DAM AS350B3 **4044** dam
Publicitaria Publi's Ecureuil crash landed inside Roberto del Río Hospital compound, with only the pilot receiving injuries. The chopper was less fortunate and received substantial damage.

31jul20 PK-RBP PAC750XL **189** dam
 Upon landing, because of a slippery runway, the Tariku Aviation PAC750XL veered off the runway at Siriwo District Airport, Paniai Regency, Indonesia and crashed into some trees. Both pilot and co-pilot sustained minor injuries but the Pacific Aerospace turboprop received quite some damage. It was carrying social assistance (Bansos) supplies in the form of rice, sugar, coffee, salt, oil and several other necessities.

01aug20 C-GXKS PA-31-325 **31-7512038** w/o
 The pilot of the Terraquest Piper Navajo was forced to attempt an emergency landing near Sumter, Sumter County (SC) for unknown reasons. The twin engine airplane was engaged in a mineral expiration for the United States Geological Survey, a scientific agency of the federal government. Both occupants were transported to Prisma Health Tuomey Hospital. The aircraft was destroyed by fire.

01aug20 N17JE Ce401A **401A0082** w/o
 A private Cessna 401 with two occupants was missing in Venezuela. It is said to have crashed in the area of Cordillera Septentrional, at Lake Macaribo. Sadly that is where the aircraft was found, submerged. Given the type and location it is most likely an illegal narcotics flight.

01aug20 VP-BAX A321-211 **7084** dam
 A fuel truck hit the nose cone of this Aeroflot A321, that was parked on the apron at Moscow's Sheremetyevo Airport, Russia. The truck driver's cabin was crushed and the aircraft's nose cone suffered a large tear.



On 28 July 2020 this Royal Air Force Chinook HC6A (ZA683 of 18(B)sq) was forced to make an unplanned landing on Carmarthenshire farmland, near Llangynin, Wales. A suspected "wire strike" is thought to be responsible for the heavy-lifting helicopter coming down in the area. As you can see this now seems fairly obvious. When we posted this on our social media channels it generated an enormous response!



A *Distribuidora Rodal Ecureuil* was damaged beyond repair after it impacted terrain at Chisec, Guatemala, on 4 August 2020. Carlos Alberto Rubio Herrera saw the chopper at Guatemala-La Aurora on 20 June 2014.

02aug20 TJX-CE C-130H-30 **4933** dam

Several persons have reportedly been slightly injured after a C-130H Hercules of the Armée de l'Air de Cameroun made a runway excursion in Maroua, Cameroon. The airfield, situated in the far north region of the African country, experienced heavy rains over the airfield when the Hercules came in for landing. Sources say it subsequently missed the tarmac of the airport, skidding onto a nearby plain. Cameroon operates three C-130Hs of which two short ones, serials TJ-XCD and XCF, and one long fuselage C-130H-30 with serial TJX-CE. It looks like the aircraft involved is the latter. The three aircraft are based at Douala-Aeroporte and assigned to 22ème Escadron Aérien, with two squadrons: 221 Escadrille de Transport and 222 Escadrille de Reconnaissance. It looks like the robust aircraft could technically be repaired, but whether there will be enough budget remains to be seen.

02aug20 PR-VCZ Beech 58 **TH-955** dam

The private Beech Baron was intercepted by four Brazilian Air Force A-29 Super Tucano's and one E-99 (local designation for an EMB145RS) southwest of Campo Grande (MS), being instructed to land in Três Lagoas (MS). The pilot of the Baron did not comply with the requirements of the Air Defense agencies and escaped, making a forced landing in an unprepared field, located in Invinhena (MS), with about 700 kilograms of cocaine on board.

This was the second intercept in the same mission, as earlier the FAB (using the same complement of Super Tucano's and E-99) intercepted EMB720C Minuano PT-ECM (msn 720026), northeast of Campo Grande (MS). It was escorted to a mandatory landing in Rondonópolis (MT), where the Federal Police took over. The pilots were arrested and 450 kilograms of cocaine were seized. That is a total of 1,050 kilograms in one mission, not too shabby.

03aug20 N55GJ EC130B4 **3745** w/o

The CFA Holdings EC130 impacted the waters of the Tennessee River west of Knoxville Downtown Island Airport (TN), just west of Alcoa Highway near Lakeview Drive, in the Sequoyah

Hills neighbourhood of West Knoxville. It submerged and three of the occupants escaped with unreported injuries. A fourth occupant was found dead by divers two hours later.

03aug20 RA-74044/UNO-052P An-74TK-100 **36547097936** w/o

A UTAir Cargo Antonov An-74 (operating on behalf of United Nations Multidimensional Integrated Stabilization Mission in Mali (MINUSMA)) from Bamako to Gao, went off the runway in Gao, Mali. En route, the crew encountered technical problems with the electrical system when the right generator failed. The crew attempted to start the APU several times but without success when, to make things even worse, the left generator also failed. The undercarriage was lowered manually and the landing was completed on a wet runway in rainy conditions. After touchdown, the crew started the braking procedure but was unable to deploy the thrust reversers. At a speed of 140-160 km/h, the aircraft overran the runway, lost its undercarriage and came to rest in a waterlogged land. All eleven occupants were rescued, among them six were injured. The aircraft was destroyed.

04aug20 128 Y-12-II **0097** dam

A Kenya Air Force Harbin Y-12-II suffered an accident at Dhobley Airstrip in Somalia. There were no serious injuries to the ten people on board but the aircraft was seriously damaged. The landing gear as well as the left-hand wing collapsed. The accident happened after the aircraft had taken off from Dhobley Airstrip after delivering supplies to UN Amisom forces (African Union Mission to Somalia).

04aug20 TG-PME AS350B3 **4167** w/o

A Distribuidora Rodal Ecureuil was damaged beyond repair after it impacted terrain at Chisec, Guatemala. The sole pilot was attempting to fly from Melchor De Menco to Guatemala City-La Aurora when he crashed, and sadly did not survive the impact.

05aug20 C-925 A-4AR **14235** w/o

A Fuerza Aérea Argentina A-4AR Skyhawk (locally referred to as Fightinghawk) of Grupo Aéreo 5 de Caza, crashed near the town of Villa Valeria, Córdoba, during a training flight.

Unfortunately, and although at first it was revealed that the ejection had been successful, the air force confirmed that the pilot did not survive the accident.

07aug20 VT-AXH B737-8HG **36323** w/o

Air India Express flight IX1344, from Dubai back to Kozhikode-Calicut Airport, India, landed on Kozhikode's runway 10 but went past the end of the runway and fell into a valley. It departed Dubai at 14:15 hours local time in the afternoon with seven crew members and 184 passengers on board, and landed at Kozhikode at 19:41 hours local time in the evening. Due to poor weather conditions overhead the airport the runway braking coefficient was not good, resulting in the Boeing overshooting the runway and stopping in a valley, 50 feet below the runway. In the process it broke apart in two pieces, so needless to say it is written off. Sixteen people, including both pilots, died in the accident, 138 received injuries of varying degree with fifteen of them in critical condition. According to ADS-B Data the aircraft had attempted one approach to runway 28 about twenty minutes prior to landing but had gone around from about 2,700 feet.

07aug20 Mi-8AMTSh **dam**

Not only the Brits can do it but the Russians as well! A Mi-8 of the Russian Federation - Aerospace Forces hit power lines somewhere in Russia and received a lot of damage to the windows, dare we say even more than the Chinook (see 30 July). Unfortunately that is all that is known about this mishap, we do not have a serial or even a location.

07aug20 N428DL Ce310R **310R0657** dam

A Cessna 310R of K&D Air crashed while landing at Houma-Terrebonne Airport (LA). The Houma Fire Department was called to the scene around 8:49 local time in the morning. When units arrived they found a twin engine aircraft on the runway. The pilot attempted to make a normal landing when the landing gear failed and collapsed without warning, emergency officials said. No injuries were reported by either the pilot or the passenger. The airport was immediately closed to all fixed wing aircraft, while rotary wing aircraft were permitted to continue operations remaining clear of the crash site. The pilot did an excellent job handling the aircraft during the emergency, according to the Houma Fire Department.

08aug20 EC-HET CL-215 **1034** w/o

This former UD.13-6 of the Ejército del Aire, now operating as a civilian for Compañía de Extinción General de Incendios (CEGISA), was dispatched over the region of Lindoso (in Portugal, near the border with Spain) to fight a fire on behalf of the Civil Security of Portugal (Autoridade Nacional

de Emergência e Proteção Civil). Under unknown circumstances, the aircraft struck the slope of a hilly and rocky terrain located in the Gerês Mountain Range, about fourteen kilometres south-east of Lindoso, a few kilometres south of the Portugal - Spain border. The tail separated on impact and the cockpit was destroyed.

08aug20 BAe125 **w/o**

An unidentified BAe125 was set afire after having landed at an illegal airstrip near Ixcán, Guatemala, close to the border with Mexico. The aircraft was likely used to smuggle narcotics.

08aug20 N284S Bell 206B-3 **2393** w/o

Three Texas Parks and Wildlife employees died in a Southwest Heliservices helicopter crash in West Texas as they surveyed the landscape for desert bighorn sheep. The trio were flying over Texas Parks and Wildlife Department's Black Gap Wildlife Management Area, just northeast of Big Bend National Park, Marathon, Brewster County (TX), when the aircraft crashed. The pilot, who was a private contractor for the state agency, was taken to El Paso for medical treatment.

09aug20 XB-RAY BAe125-800A **258012** w/o

And another narcotic trafficker that bit the dust. This time a Mexican Hawker was involved, which conducted an illegal flight and was intercepted by Venezuelan armed forces near Maracaibo-La Chinita International Airport. The airplane landed near Maracaibo where it was later destroyed by authorities.

10aug20 N413JF Ce340A **340A-0746** w/o

Both occupants of the private Cessna 340 were only lightly injured, after the twin crashed having developed engine problems while on final approach to Orléans-Saint-Denis-de-l'Hôtel Airport's runway 23, and was destroyed by fire. It came down at Vitry-aux-Loges, not far from its intended destination, having left Perpignan-Llabanere Airport earlier in the day.

10aug20 TT-5006 T-50i **w/o**

A KAI T-50i of the Tentara Nasional Indonesia - Angkatan Udara (TNI-AU, Indonesian Air Force) skidded off the runway at its home base at Madiun-Iswahyudi, East Java. The two pilots escaped unharmed but were taken to hospital for a medical check. An investigation into the cause of the accident has started. It is unknown if the Korea Aerospace Industries (KAI) T-50i operated by Skadron Udara 15 will be repaired, it was badly damaged.



Delivered on 15 October 2013, via Kaohsiung, was T-50 TT-5006 of the Tentara Nasional Indonesia - Angkatan Udara, and became part of Skadron Udara 15. They had the pleasure of operating it for nearly seven years, as on 10 August 2020 the KAI (Korean Aerospace Industries) T-50i skidded of the runway at its home base at Madiun-Iswahyudi, East Java. Some sources say it could be repaired...



If the Royal Air Force can 'pull this off', so can the Russian Federation - Aerospace Forces! One of their Mi-8s hit power lines somewhere in Russia and received a lot of damage to the windows, dare we say even more than the Chinook. Unfortunately that is all that is known about this mishap, we do not have a serial or even a location. We do have a date for it: 7 August 2020.

10aug20 N400RS Sabre 75A **380-25** w/o

Classic bizjets are the new turboprops under the drug traffickers, as can be seen by the magnitude of Hawkets being used. Sadly they also resorted now to the majestic Sabreliner. This one was detected on such a flight by the Venezuelan Air Force, as it flew without a valid flight plan and operating at low altitude near Paraguana, Venezuela. It was forced down and crashed at a beach. Both pilots were killed.

12aug20 N316JP Beech B200 **BB-923** w/o

A private Beechcraft King Air was destroyed by Venezuelan law enforcement officers that was detected on an illegal landing strip, at Santa Ana, Bartolomé de Las Casas, Zulia. Most likely another drug related victim.

13aug20 L-39 w/o

An L-39 of the Russian Federation - Aerospace Forces crashed during a training flight in the Krasnodar region, Russia. Both pilots ejected safely. The point of origin remains unknown for now. The aircraft in the Krasnodar region belong to the Krasnodar Higher Military Aviation School of Pilots (KVVAUL), and operate the Albatros from three locations: Suvurov and Kutuzov training air base (272 UAB), Michurinsk air base (219 UAB) and Tikhoretsk air base (192 UAB).

13aug20 9S-GEN L-410JVP-E3 **892325** w/o

Doren Air Congo lost a Let 410 after it crashed under unknown circumstances about seven minutes before the scheduled arrival time at Bukavu-Kavumu Airport, Democratic Republic of the Congo. It came down about three miles west of Bukavu's Kavuma Airport in dense forest just about 495 metres outside the Kahuzi-Biega National Park. The two crew members and two passengers died in the crash.

13aug20 C-GAST Ce310R **310R0730** dam

A Grondin Transport Cessna was on a local flight from St-Frédéric Airport (Que.), following maintenance work on the aircraft, with two crew members on board. During landing on runway 23, the right landing gear leg collapsed and the aircraft deviated to the right followed by a runway excursion. The aircraft came to rest on its belly, adjacent to a drainage trench, about 100 feet from the runway. There were no injuries and the aircraft sustained substantial damage.

14aug20 MQ-8B w/o

A US Navy MQ-8B Fire Scout unmanned aerial system (UAS) crashed during a training flight at Naval Base Ventura County, NAS Point Mugu (CA). The unmanned helicopter, assigned to Helicopter Sea Combat Squadron (HSC) 23 "Wildcards" ("WC-xx") based at NAS North Island (CA), just took off from one of the platforms when the main rotor clipped a building around

12:21 hours local time. The crash caused damage to the building, fortunately no injuries were reported. The MQ-8B was foamed as a precaution by the base fire department although no fire was reported. The MQ-8B Fire Scout is besides the MQ-8C (also designated Fire Scout, but this is the unmanned version of the Bell 407) and MQ-4C Triton, not the only UAS programme to be brought to Point Mugu. Plans are underway to bring the MQ-25A Stingray aerial refuelling aircraft to the Californian base.

16aug20 5Y-SAV Ce208B **208B0312** w/o

The single engine City Link Cessna Grand Caravan completed a humanitarian flight from Juba to New Fangan on behalf of the NGO 'Nile Hope'. On board were five passengers and two pilots. During the take-off roll on a muddy airstrip, the aircraft went out of control, veered off the runway and collided with a tree. The right wing was torn off and the aircraft came to rest upside down. Two passengers were slightly injured.

17aug20 N41FT PA-39 **39-59** w/o

Southern Aircraft Consultancy's Piper Twin Commanche C/R was destroyed during the take-off from Le Castellet Airport, Provence Alpes-Cote d'Azur, France. All three occupants were uninjured.

17aug20 N41382 PA-34-200 **34-7450114** w/o

The Upgrade Incorporated Piper Seneca, with two occupants, impacted a residential building northeast of Groton-New London Airport (CT). That is about all that is known.

18aug20 MQ-9A w/o

18aug20 MQ-9A w/o

The US forces lost two Unmanned Aerial Systems over Syria, most likely being MQ-9s. These Reapers, at a price of some 60 million dollars each (excluding sensors and weapons), came down after a possible mid-air collision over Idlib. Images of the burning aircraft crashing to the ground were posted on social media. Of course, opposition groups claim they have shot down both UASs. As the airspace over Idlib is not used by regular Operation Inherent Resolve operations, it is likely that both Reapers were government-operated, such as the Central Intelligence Agency (CIA). Over the past few days, multiple social media reports have shown Reapers in weird configurations flying through the western Idlib skies. The aircraft possibly carry AGM-179 Joint Air-to-Ground Missiles (JAGM) as well as the secretive sword like AGM-114R9X missile, nicknamed "flying Ginsu" or "ninja bomb". This Hell-fire missile is equipped with a non-explosive warhead capable of pummeling its target with high-precision, bringing with it over 100 pounds of metal in the form of six internally carried

blades, that can cut through buildings with ease. Or through the roof of a car (passenger seat only...). The Reapers were also seen with an unknown type of communications relay and/or datalink pod, capable of geolocating enemy communications (i.e. radio, cell phone). Such a system can also be used for targeting. Most probably other equipment, such as advanced self-defence sensors, is included too. Strikingly, the MQ-9s are equipped with an advanced Traffic Alert and Collision Avoidance System (TCAS), to ensure safe air operations. So, the big question would be: how could both Reapers have collided despite such an advanced system. Operator error is very well possible.

19aug20 Beech 200 w/o

A crashed and abandoned Beech Super King Air was found at Mazatenango, Guatemala by law enforcement officers. It probably had been used for transporting drugs.

19aug20 N146FE B767-3S2FER 43551 w/o

FedEx flight FX1026 (from Newark-Liberty International Airport (NJ) to Los Angeles International Airport (CA)), suffered landing gear issues on the approach to LAX's runway 24L. While on the approach and after selecting the undercarriage down the crew got an 'unsafe gear' indication and reported to the air traffic controller that they were discontinuing the approach. In coordination with ATC the aircraft was positioned for a low approach over runway 24L to allow ground observation on the position of the left-hand landing gear. A low pass was performed at 03:41 hours local time in the morning but two tower controllers were not able to see if the left-hand gear was down or not. It was agreed to perform another low pass and vehicles were positioned along runway 24L and the flight was cleared to make another low pass at 200-300 feet. That low pass was carried out at 03:59, after which it entered a brief holding pattern over sea. The crew advised they needed to talk to operations and maintenance, but they suspected there was not a lot more they could do.

The flight was then cleared for an emergency landing on runway 25R with ARFF (Aircraft Rescue and Fire Fighting) standing by. It entered another hold at 5,000 feet for about 40 minutes, then performed a partial gear down landing on runway 25R about 45 minutes after the second low approach. Sparks were seen after touch down, apparently originating from either the open left-hand gear door touching the ground, or the no.1 engine. The aircraft came to a stop on the centre line of the runway, sitting on its nose gear, right main gear and left engine cowling. The crew evacuated the aircraft through the cockpit window via a rope. One of the pilots received injuries during the evacuation.

19aug20 N711GH UH-1H 5071 w/o

UH-1H N711GH of Guardian Helicopters (former 65-10027 of the United States Army) crashed near Coalinga (CA). Unfortunately, the pilot was killed. The Iroquois was on a firefighting mission when it crashed around 10:00 hours local time in the morning, just nine miles south of Coalinga. The helicopter was contracted by the California Department of Forestry and Fire Protection to support fighting the many wildfires currently blazing in the state, particularly the Hills Fire in Western Fresno County. The cause of the crash is currently unknown.

20aug20 VH-LDQ SA226T T-326 dam

During take-off from Gunnedah Airport (NSW), the private Merlin veered off the runway and sustained a partial landing gear collapse. It is understood the Swearingen hit a pile of

roadworks on the runway before toppling onto its wing and leaking fuel. There were no personal injuries.

20aug20 N198DM Beech 200 BB-1198 w/o

A Beechcraft Super King Air of Bomac Air, was destroyed following a take-off accident at Chicago-Rockford International Airport (IL). Preliminary information suggests that the King Air was taking off at runway 1 when it veered off and caught fire. The aircraft came to rest 1,100 metres past the threshold of runway 01, and 174 metres to the right of the centre-line. There was one pilot on board, who sadly perished in the mishap. Exactly what happened is unclear.

22aug20 EX-126 An-26B 11508 w/o

Gateway Export Aviation lost this Antonov 26 after it impacted a farm near Eden, which is closer to the city centre and further east than Hai Referendum, where it was initially thought to have crashed. Analysis of an aerial photo identified the position past Referendum, another suburb of Juba, almost on the runway centre line and about 2.51 miles from the end of runway 31. The South Sudan Minister of Transport stated that the aircraft was chartered by the World Food Program to transport supplies and wages for personnel at Wau and Aweil. There was one seriously injured survivor in critical condition, five bodies were recovered, the other occupants are feared dead. It remains unclear why this Antonov was operated by South West Aviation.

23aug20 (XB-DRA) RC690B 11423 dam

A private Rockwell Turbo Commander, with removed registration XB-DRA, was detected and secured by law enforcement officers at Ahuas, Gracias a Dios, Honduras. It crash-landed in a field and was used for transporting drugs.

24aug20 N926TA F-5E R1241 dam

Former USAF Tiger II with serial 75-0493, now operating for Tactical Air Support, experienced a gear up landing at Reno-Stead Airport (NV). The airplane sustained substantial damage and the sole pilot onboard was not injured during the incident.

24aug20 PT-VGV EMB810D 810672 w/o

License built Embraer Seneca III of Florax e Globo Comércio de Papéis impacted open field terrain under unknown circumstances in the State of Mato Grosso, Brazil. The airplane was destroyed during the accident sequence and the three occupants, one pilot and two passengers, were fatally injured. A witness told police that around 11:40 hours local time in the morning he saw the aircraft flying over the farm, making a strange noise in the engine. After that, the Seneca started to lose height, spun and fell, causing a very loud crash.

24aug20 N386HQ Bell 205A-1 30086 dam

The HeliQwest International Bell experienced a "tail rotor double delamination" during a fire suppression flight north-west of La Verne-Brackett Field Airport (CA). The helicopter sustained substantial damage and the sole pilot onboard was not injured.

25aug20 N160SH AS350B2 2739 dam

Following a loss of engine power, the Alaska Helicopter Leasing Ecureuil landed hard while hovering over mountainous terrain in the Tuxedni Bay (AK). The helicopter came to the rest on its side, sustaining substantial damage, and the sole pilot on board was not injured.

Credits: ASN, Aviation Herald, B3A, Marcel van Bielder, Scramble MB, PPRuNe, BBC, WAFB.com

www.scramble.nl/database/accident

Wrecks & Relics



Since the 1980s F-84F BF-108 (marked as DA-127) was preserved inside the barracks at Kerpen. In August it was noted in dismantled state along the fence and could be photographed from outside. (Leonard van Teeffelen)

The Netherlands

Baarlo
25+06 Su-22M-4 preserved **25513** jul20
(B-76) Bo105CB preserved, as 84 **S.276** jul20

The Su-22 came from Gütesloh, while the Bo105 preserved in the front yard has now been identified.

Gilze-Rijen
TB885/3W-V Spitfire LF XVle PH-FVE jul20

The former G-CKUE arrived on 17 August at its new home base of Gilze Rijen.

Seppe
R-334 L-4H 12162, 2-KNIL **12162** jul20
TJ347 Auster 5 PH-NET **1416** jul20

The former ALAT Cub with the Vliegend Museum Seppe has been reregistered to the Guernsey register. It used to be PH-LIK. The Auster came from Midden Zeeland and is here since August 2019.

Belgium

Moerbeke
07 red MiG-21SPS (22+39), preserved **94A5510** aug20
(2640) Mi-2URN (SP-FSO), preserved **562640112** aug20

Both are with a private collector at N51.18283, E3.97514. The MiG-21 came from Overloon and the Mi-2 from nearby Zwarte Ruiter.

Saint Hubert
(23736) GB-2 N44GM **6916** jun20

The Staggerwing was restored at Brasschaat and arrived here on 29 May 2020.

Croatia

Pula
(115) MiG-21bis preserved **75002075** oct19

The MiG-21 was placed on a pole outside the new gate (N44.90016, E13.91273) on 16 October 2019.

Czechia

Bezděkov
(2409) L-29 preserved, cockpit **792409** jul20

The Delfin in tiger colours in the new museum has been identified as a former Turnov aircraft (see Scramble 494).

Kunovice
5612 MiG-21MF-75 preserved **96005612** jul20

The MiG-21 is now with the Slovákcké Letecké Muzeum. It was

exchanged with the museum at Brno for L-410A OK-ADO.

Pardubice
2427 L-39ZA preserved **232427** aug20

The Albatros is visible from the long term parking lot.

Valašské Meziříčí

(1142) MiG-15SB stored **141142** jul20

The former Holešov MiG-15 is now in a company yard at N49.47543, E18.00700 on the east side of town and can be seen from road 35. The aircraft is unmarked, it used to be painted as 4117 in North Korean marks.

Velka Bystrice
(36 blue) L-39C (OK-SKY) preserved **630627** jul20

An ex Ukraine Albatros is pole mounted outside the SEKO company (N49.58852, E17.34177). It was last noted under restoration to fly at Líně Dobřany.

Zruč

According to the owner the MD311 used to be coded 316-KJ. This code was used by Flamant 266, which used to be at Brignoles and Montceau Les Mines.

Estonia

Tartu
64 R44 preserved **1210** jul20

The ex Estonia Air Force Robinson was handed over to the Lennundusmuuseum in July.

France

Bar sur Seine (10)
(41-8831)/207 PT-17 N52533, US Navy c/s **75-2390** aug19

This airfield of Bar sur Seine is at N48.06820, E4.41000.

Bordeaux Merignac (33)

The fuselage of former Latresne Falcon 20C 145/CU was noted on a trailer in the Dassault area (Jun20).

Briare (45)
(07911)/751 N2S-3 F-HZDJ **75-7515** aug19

The Stearman used to be based at Montpellier L'Or Candillargues.

Dijon Longvic (21)

96/315-XM TB30 stored **96** jul20

101/315-XR TB30 stored **101** jul20

144/315-ZI TB30 stored **144** jul20

149/315-ZM TB30 stored **149** jul20

Apache Aviation uses these Epsilons as spares for their active fleet of aircraft. The active ones are: 80/F-HEXA, 108/F-HEXI,

111/F-HEYB, 115/F-HEYF, 129/F-HEYT and 143/F-HEZH

Épernay Pivot (51)

(61727)/961 N2S-5 N1729B **75-5849** aug19

The privately owned Stearman in US Navy colours is based at N49.00856, E4.07757.

Gap Tallard (05)

/341-CL Alouette 3 stored, no boom, no rotors aug19

The Alouette was seen in the helicopter maintenance hangar. A serial was not read from outside, but this could be 2068, ex Châteaudun.

Issy les Moulineaux (92)

An Alouette 2 in dark colours is parked outside Bar Restaurant Paulette at the Rue Camille Desmoulins (N48.82743, E2.26093). It is marked 1969 (belonging to F-GCCQ) in white on the nose, but it is said that maybe not be its correct construction number.

Lann Bihoué (56)

(7) Br1150 stored, fuselage, no tail **7** aug20

30 EMB121AN stored, cut in pieces **121030** aug20

47 EMB121AN stored, cut in pieces **131047** aug20

28 N262A stored, fuselage **28** aug20

62 N262A stored, fuselage **62** aug20

All were dumped on the north western side on the airfield.

Germany

Altenburg Nobitz (TH)

(19) Zlin Z43 D-EKMX **0025** aug20

(SZ-14) Fw44J D-EXWL, en Finland **2777** aug20

(SZ-21) Fw44J D-EELK, stored **2924** aug20

Also all the museum aircraft as listed in EMOOS were seen, plus the recent arrived S58C B-12/D-HAUD (ex Frankfurt).

Birrenbachshöfe (NW)

(AC+930) Do27B-1 stored **278** aug20

The ex Köln Möbel Zentrum Do27 is at N50.86496, E7.41533.

Bonn Hangelar (NW)

(SZ-5) Fw44J D-EWUZ, silver c/s **2896** aug20

(5253) Me108D-1 D-EHAF **5253** aug20

The Taifun had an accident in May at Itzehoe and was noted without wings in a hangar. Also noted were Fi156C-3 1049/NO+OA/D-ENOW, MS505 (269)/EV+DB/D-EVDB, L-18C 96+31/D-EFTB and L-4H (44-80028)/D-EBUG.

Eschbach Bremgarten (BW)

A23-017 PC-9/A stored **517** aug20

A23-025 PC-9/A stored **525** aug20

A23-049 PC-9/A stored **549** aug20

(72+20) UH-1D stored **8340** aug20

A total of five former Australian PC-9s arrived in August at Meier Motors for restoration for one of their customers. The Huey was stored near MiG-21MF 5303.

Grafenheim (BW)

Private collector Andreas Grüner has the cockpit of a former Iraqi MiG-21UM (c/n 0569511). This came from the museum at Neuenkirchen.

Grimmen

93+75 Mi-8TB stored, ex Gross Schönebeck jun20

The Mi-8 is at the Technikpark.

Gütersloh (NW)

XW318/MG-78 Jet Provost T5A preserved **EEP/JP/982** aug20

ZD277/U Lynx AH7 preserved **290** aug20

The Flugplatz Museum Gütersloh (www.vdlgt.de) has moved its collection to hangar 6 of the former RAF base. The above two were exchange with Baarlo for Su-22 25+06. Also in hangar 6 were Canberra T4 WT480 (cockpit), Hunter T7 XL618, Harrier GR3 ZD670 (cockpit) and Vampire T11 XD622.

Heringsdorf (MV)

Pilatus P2-06 U-155/D-EPIL was lost on 3 August a fatal crashed near its base, Heringsdorf.

Hermeskeil (RP)

G91R/3 31+70 has lost it Italian colours and is now in full Luftwaffe markings.

Kassel Calden (HE)

The three stored ex Belgium A109s, H10, H12 and H15, at the new airport have been sold and have gone from here.

Laage (MV)

The cockpit of MiG-21SPS-K 989 has gone from the terminal on the civil side.

Lübeck (SH)

(22+88) MiG-21M preserved **960706** aug20

113 N1101 F-GRPC **113** aug20

(90+11) FWP149D D-ECOY **020** aug20

(90+92) FWP149D D-ELGB, dismantled **112** aug20

The all silver MiG-21 is preserved on air-side, just north of the terminal, while the Nord is in a hangar on the south side of the terminal and has not flown for many years. The two Piaggios are in a hangar on the east side, 90+92 is used to keep 90+11 flying.

Mittelstetten (BY)

The four Grumman Gooses which used to be at Landsberied have moved some 10 kilometer north west and are all stored at N48.24607, E11.08717.



When G91R/3 31+70 arrived in the Hermeskeil museum in the 1980s it could not be displayed as 31+70 as this aircraft was officially listed as scrapped. It was on display for many years in Italian colours with code 5-257. These days things are not that strict anymore, the aircraft was recently repainted in its German colours. (26 July 2020, Erwin Alexander)



There are two OH-23Bs 51-16374/N47245 in existence. One is in the Hiller museum at San Carlos, CA, and the other one in Rüdinghausen, Germany. Patrick Dirksen checked the one at Rüdinghausen in 20 July 2020. It did not carry a construction plate, but had N47245 on its call sign plate and also the FAA permit to fly was in the aircraft. This would make the one at Rüdinghausen the real one.

Nordhausen (TH)

The UH-1D 72+29 is still preserved in the court yard of the police station. Is it visible from under the doors of the back gate.

Nordhorn Lingen (NI)

(113)	SV-4C	restoration	113	jul20
(151)	SV-4C	D-EROB	151	jul20
(18-1017)	L-18C	D-EIEI	18-1017	jul20

Only three aircraft of interest are here now. Previous reported Fw44J 5771/D-EKRO and L-4J 45-4457/D-EBAF have gone to Bentlage, which is not open to the public. Also confirmed as not based here is N2S-1 3201/N545WP. Still at Nordhorn is PT-17 N467BJ, but this has no military history as it is made from spare parts.

Oldenburg (NI)

Parts of the airfield are now open to the public. The aircraft parked out from the Traditionsgemeinschaft JaBoG 43, Alpha Jet 40+44, G91R/3 31+01 and Sabre 6 JB+371, are still on the non-public part but can be seen from the public part. For the cockpit of Alpha Jet 40+29, which is inside, you still need to make an appointment.

Prora (MV)

86+81	Bo105P	preserved	6081	jul20
529	MiG-21MF	preserved	699008	jul20

The Eisenbahn- und Technik Museum Rügen has been reorganized and split in the Oldtimer Museum and in the NVA Museum Rügen which has the two aircraft in a nissen hut. They are no longer visible from outside. Outside is a civil An-2 in green colours.

Rüdinghausen (NW)

It looks like that the OH-13H 51-16374/N47245 is the real one. Although it carries no c/n plate, the FAA permit was still attached to the console. The one at San Carlos, CA, must be an imposter

Weiterstadt (HE)

(6910)	MiG-21PFM	preserved	94A6910	aug20
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The MiG-21 is still at the Loop 5 shopping mall. TS-11 1621 has gone from the shoe store.

Wengerohr (RP)

43+96	Tornado	preserved	4096	aug20
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The Tornado is the only aircraft left at the Lames company.

G91R/3 30+98 has gone.

Hungary

Budapest

7812	Mi-2	stored	517812082	jun20
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The Mi-2 is stored at a range/yard at N47.41892, E18.97570.

Györszentiván Böny

Yak-52 07 has left the airfield and has become VH-YRO since July 2019. One more Yak-52 went to Australia and one went to Germany. These should be 01 and 02 as 03, 05, 06 and 10 were still here in July 2020.

Pápa

All stored MiG-21s and Su-22s have been reported as sold to the Kecel museum. A Su-22, with taped off serial, was noted on a low loader leaving Pápa in August.

Sárszentmihály

31	Mi-1M	preserved	W04031	jan20
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The Mi-1 is in the backyard of a house at N47.15326, E18.319715 together with civil Ka-26 HA-MPA and L-60B HA-BRB.

Italy

Maddalini (CE)

(MM80321)	AB204B	preserved	3087	feb19
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The unknown Bell at the Scuola di Amministrazione e Commissariato (N41.03263, E14.38444) has been identified.

Persano (SA)

(MM80316)	AB204B	preserved	3074	aug19
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Another AB204 identified, this time at the Caserma Guido Cucci (N40.57856, E15.11286).

Lithuania

Kanaus

The unknown An-2 at the new museum (see last month) has been identified as An-2TD 30 (ex Air Force).

Kėdaniai

07	Mi-2	instructional	531448040	aug20
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A school has a Mi-2 outside at N55.29785, E23.97863. They also have a unknown Wilga.

Poland

Boguszyce (DLS)

MiG-21R 1085, which was at a local company, has gone.

Olešnica (DLS)

A good check at the old airfield in August 2020 did not reveal the stored I-22 0402 and Mi-2Ch 7839.

Opole (OPL)

(R-14) Mi-2 SP-PML, ex Hungary **536120059** aug20
(7809) An-2 SP-MON, ex Miroslawice **1G78-09** aug20

Still preserved on the airfield is Su-7 926.

Slovakia

Nitra

New here is an all white Mi-2FM. This looks like the recently discovered B-2406 at Mníšek nad Hnilcom (see Scramble 4936/494). This aircraft was once at Nitra before moving to Velké Zálužie and Mníšek nad Hnilcom.

Slovenia

Novo Mesto

Remarkable move is that the former Belgium Twin Astir PL-85/OO-YTC was registered to the local aero club as S5-7175 in May 2020.

Switzerland

Altenrhein

A-91 MS502 HB-EAJ **652** aug20

The former French Storch arrived on 15 December 2019 and is painted in fake Swiss colours. It is intended to fly from the FFA museum and was restored in Poland where it was test flown as SP-YRX. It used to be HB-RBF. This aircraft is one of a batch of Storchs which will get fake Swiss markings. Already at Dübendorf are MS505 A-98/HB-EIJ and A-99/HB-EJJ. Still to come are MS500 A-94/HB-EEJ and MS505 A-95/HB-EFJ and A-96/HB-EGJ.

(A-701) Ju52/3mg4e HB-HOS, stored **6580** jul20

On 10 July the fuselage arrived for the FFA museum. It will be restored and put on display in the future. It was last noted in dismantled state at Dübendorf.

Gruyère

Swiss Bu131 A-38/HB-UVB crashed on 13 August 2020 near the airfield. It looks like damaged beyond repair.

Turkey

Bursa Osmangazi

14051 U-17B instructional **1610** mar19

A Cessna is in use by the Hürriyet Mesleki ve Teknik Anadolu Lisesi school near the airfield at N40.22781, E29.00643.

Çorum

67-0210 F-4E preserved **2820** jun20

Not reported before, but the Phantom is preserved since July 2016 at the Hitit Üniversitesi Bilimsel Teknik Uygulama ve Arastırma Merkezi at N40.56797, E34.97697. At another facility of the university is an unknown U-17 in red/white colours marked TC-HİTİT (N40.55685, E34.96899).

Izmir

10428 OH-58B instructional **42238** jun20

14050 U-17A instructional jun20

14052 U-17B instructional **1650** jun20

All are in a hangar of the aviation department of the Ege Üniversitesi. This is near the airfield of Gaziemier at N38.30150, E27.16690. The hangar is clearly visible on Google street view. U-17A 14050 looks like the real one, which makes the U-17 with serial 14050 at the gate of Bodrum suspect.

Veziroğlu

65-7161 F-104G 64-7161, preserved **7161** nov19

A former Bursa Starfighter was erected as a monument in July 2018, It can be found at N41.13540, E35.47390.

United Kingdom

Flixton, Suffolk

XV497/D Phantom FGR2 preserved **3454** jul20

The Norfolk and Suffolk Aviation Museum took delivery of a Phantom from Everett Aero at Bentwaters on 28 July 2020.

Kemble/Cotswold Airport, Gloucestershire

The Buccaneer Aviation Group has started its move from Bruntingthorpe. S2C XW544/O and S2B XX894/R-020 both arrived on 21 August 2020.

Old Sarum, Wiltshire

The Boscombe Down Aviation Collection is expecting to take delivery of Canberra T4 WJ992 from storage at Bournemouth Airport in the near future.

Popham, Hampshire

Bulldog T1s XX624/E/G-KDOG and XX638/(G-DOGG) have moved here following the closure of Bourne Park.

Sleaford, Shropshire

XN582/CF-95 Jet Provost T3A restoration jul20

A Jet Provost arrived here from Bruntingthorpe on 22 July 2020 for restoration and eventual preservation with the Shropshire Aero Club.

St Athan, Wales

WR974/K Shackleton MR.3/3 preserved jul20

The South Wales Aviation Museum took delivery of a Shackleton from Bruntingthorpe in July.

RAF Syerston, Nottinghamshire

ZF202 Tucano T1 **T27** aug20

A Tucano T1 arrived by road from Linton-on-Ouse on 18 August 2020 for eventual display at the gate.

Werrington, Cambridgeshire

XZ655 Lynx AH7 preserved **209** aug20

A Lynx (ex Weeton, Lancashire) has appeared in the garden of the Blue Bell Inn. GPS: N52.61489, W0.26889.

Credits: Phil Adkin, Corne Beerens, Steve Bell, Patrick Dirksen, Patrick Duurland, Erik Kamphuis, Alexander Lutz, Ben Sadler, Jurgen van Toor.



Nationaal Militair Museum at Soesterberg announced that there would be maintenance at the storage building between 12 and 18 August and several aircraft would be parked outside. F-4E 67-0275/CR was one of them. (18 August 2020, Manolito Jaarsma)



Due to COVID-19 long distance traveling is very difficult these days. Most people stay at their home country or only go to some bordering ones. Raymond van Dijkhuizen went to Wilhelmshaven on 21 June to see F-104G 25+74, painted as 22+22.



MiG-23MF 20+05 has been at the airfield of Dessau since 1994 and from 2001 part of the Technikmuseum Hugo Junkers. It has been painted in its original East German Air Force markings as 585. (23 July 2020, Jan Zocher)



Mi-8TB 93+75 is a recent arrival at the Technikpark at Grimmen, It was last seen at a yard at Gross Schönebeck and before that the helicopter was displayed at Borkheide. (25 June 2020, Raymond van Dijkhuizen)



What a great way to open our section: a stunning shot of Spitfire Mk.XVI TB885 during its first flight with Dutch registration PH-FVE on 17 August 2020. Many thanks to Ben Ullings of Aviationphotos.nl for his kind permission to use it. (taken air-to-air near Gilze Rijen)

Netherlands

The Dutch civil aircraft register now includes a second Spitfire. Since 2000, Spitfire Mk.IXc MK732 (PH-OUQ) of the Koninklijke Luchtmacht Historische Vlucht (KLuHV or the Royal Netherlands Air Force Historic Flight) has been the sole one. But not anymore! Recently, former Royal Air Force Spitfire Mk.XVI TB885 of the Stichting Spitfires Flying Everyday changed registration: UK civil registration G-CKUE was dropped in exchange for its new Dutch civil registration PH-FVE. This registration obviously refers to the person who bought the Spitfire and has it restored: Frits van Eerd, CEO of Dutch supermarket chain Jumbo. On 17 August 2020, the Spitfire made the very first flight with its new registration from Midden-Zeeland airfield to Gilze-Rijen Air Base, where it will have a new home in the KLuHV's main hangar. During the final part of the flight the Spitfire was joined by AT-16-ND PH-TBR for a photo opportunity.

By the time you read this Consolidated PBY-5A Catalina 16-212 will have left the storage of the "Nationaal Militair Museum" (National Military Museum) at Soesterberg, the Netherlands. This amphibian is the sole remaining Catalina in the Netherlands, and a genuine former Marineluchtvaartdienst (Royal Netherlands Navy) machine. It has been on static display in open air since 1984, but in recent years was brought inside and stored, without the necessary restoration. But now the time has come for a thorough restoration by the volunteers of the Dutch "Stichting Neptune Association". But since the NMM (National Military Museum) lacks the required space, the restoration will take place in the "Nationaal Transport Museum" in Nieuw Vennepe, the Netherlands. Visitors of this museum will be able to follow the restoration, which is planned to take some four years. The museum Catalina was built in 1944 and bought by the Marineluchtvaartdienst (Royal Netherlands Navy) and, after a major overhaul taken on charge as P-212 in May 1952. It was used for transport duties in New Guinea until January 1954 and then returned to the Netherlands as 16-212. After three years of SAR activities it was taken off charge and displayed in a playground in Hoeven. The museum acquired the PBY-5A in 1984.

The "Stichting Neptune Association" already has ample experience in the restoration of Catalinas. Its volunteers have at the time fully restored fellow PBY-5A, PH-PBY back to airworthy condition. As most of you will know, PH-PBY, flying in Marineluchtvaartdienst colours as "16-218" used to be owned by the "Stichting Catalina" or "Catalina Foundation. It was sold to the Collings Foundation in New Smyrna

Beach (FL) and. Since PH-PBY left the country in May 2019, remaining Catalina 16-212 has become an even rarer object!

France

On 12 August, Vickers-Supermarine Spitfire PR.XIX PS890 (6S/585110) returned to its homebase Dijon-Darois. The fighter, registered as F-AZJS, had made its first post restoration flight from Duxford, United Kingdom earlier, on 6 August. It was flown by John Romain. The repairs/restoration had become necessary after F-AZJS had tipped forward and then overturned during take-off on the aerodrome of Villette-Longuyon (Meurthe-et-Moselle) on Sunday 11 June 2017. It was the first time that pilot Cédric Ruet flew a Spitfire and the power of the machine must have taken him by surprise. He was slightly injured but taken to hospital. F-AZJS was trucked to Duxford for repairs by ARCo/HFL. It arrived there on 4 September 2017. Spitfire PR.XIX PS890 is owned by well-known French pilot and collector Christophe Jacquard. It is currently the only airworthy Spitfire in the French register. F-AZJS flies in the South East Asia colours of 152 squadron RAF with code "UM-E".

Germany

Meier Motors of Eschbach, a company famous for its warbird restorations announced that they have welcomed five former RAAF Pilatus PC-9/A trainers on 11 August. The delivery consists of the following machines: A23-017 (517), A23-025 (525) and A23-049 (549). Of these, 025 still carries an "R" on its vertical stabilizer indicating the use by "The Roulettes" aerobatic team. Both 017 and 049 still carry their 2FTS titles. The other two aircraft are reported as A23-026 (526) and A23-037 (537), but this is not yet confirmed. They were all offered for sale by the Australian MoD in March 2020. The trainers, destined for European civilian owners, will be fully overhauled by Meier Motors.

New Zealand

The Omaka Aviation Heritage Centre has been granted the honour to preserve and display the aircraft that were part of the collection of John Smith, who died in August 2019. He started collecting aircraft in the 1950s when he witnessed the large scale scrapping of warbirds, even close to his home. He managed to save several key aircraft and stored them in a shed on his Mapua property, where they remained as untouched – and for the most part, unseen – records of New Zealand aviation history. Collectors travelled from across the planet to try to purchase his aeroplanes, but left empty-handed. Now after his death, the family led by brother George and nephew

Rob have decided to open up the “treasure trove” so that the public can enjoy John’s heritage. The Smith aircraft include a complete de Havilland Mosquito, John’s own original Tiger Moth, and two P-40 Kittyhawks, NZ3220 and NZ3043. The former is New Zealand’s most famous P-40 “Gloria Lyons” (43-22962). The Mosquito, an FB Mk.VI, was built for the RAF as TE910 and later exported to New Zealand and flown as NZ2336 “YC-B”. The Mossie, one of only thirty that have survived worldwide, is complete. Maybe not all the aircraft are destined for display at OAHC, but Kittyhawk NZ3220 surely is! It has already been transported to Omaka, soon to be followed by Mosquito NZ2336. In the past days both Merlins engines have been lifted out and mounted onto the clever back-to-back transport stand kindly loaned to the museum by Warren Denholm of AvSpecs for the purpose.

The Smith collection also housed a P-51 Mustang, which, built as USAAF 45-11513 (124-48266) was sold to the RNZAF and flown as NZ2423. The Mustang will be restored to flying status, for which it was already trucked to the Biggin Hill Historic Aircraft Centre, RNZAF Ohakea this past week-end of 22/23 August 2020. The restoration of NZ2423 will need a lot of cash, as the fighters wings were torched off before it was salvaged by Smith. With only 400 flying hours the airframe and engine are in remarkably good condition.

In his lifetime John Smith only once said goodbye to one of his beloved aircraft. He earlier donated his Lockheed Hudson NZ2049 gifted to Bill Reid who loaned it to the Omaka museum for display. This Lockheed A-29A-LO was built for the USAAC as 41-36976 (414-6465) It was meant to become RAF FH175 under lend-lease but went to New Zealand instead.

United Kingdom

Sad news for warbird fans: the Imperial War Museum at Duxford announced on 25 August, that the 2019 edition of Flying Legends will be the last one held at Duxford. This annual airshow, often referred too as “Warbirdheaven” was the result of a partnership between IWM Duxford and The Fighter Collection (TFC) that has lasted for more than 30 years. According to IWM Duxford their goal is to ensure that, as a charity, the organisation is able to maximise income and remain financially stable. It was therefore mutually agreed that TFC would seek an alternative location to host Flying Legends, which will be confirmed at a later date. Let us all hope that TFC will soon be able to find an airfield to host the next edition of Flying Legends. But it is doubtful if there is

a location that has the same history and breaths the same atmosphere as Duxford does. But even when TFC can find a new location: Flying Legends will never be the same!

On 21 August 2020, Cotswold airport in the United Kingdom (former RAF Kemble) saw the arrival of two Blackburn Buccaneers. The aircraft, XW544 and XX894, are owned by the Buccaneer Aviation Group and were used for regular fast taxi-runs at the airfield of Bruntingthorpe. Recent changes in the rent of the airfield, with Cox Automotive being the new tenant, have forced the BAG to find a new location for their machines. And they have found a warm welcome in the Cotswolds! After thorough preparations both taxiable Buccaneers were loaded on two flatbed trailers on 20 August.

The Warbird Experiences/Biggin Hill Heritage Hangar announced the first flight of Spitfire T.9 TE308 (G-AWGB) on 14 August 2020. It was the first time it flew since its arrival there in November 2019. Flown from Biggin Hill, TE308 was piloted by Pete Kynsey. The new Spitfire will join three other two seat Spitfires MJ627, MJ772 and MT818 making Biggin Hill the destination of choice to enjoy a Spitfire flight. (At least when you can spend GBP 2750)

Spitfire TE308 (CBAF.IX4494) was built at Castle Bromwich as a ‘low back’ Mk.IXe single seater. Delivered in 1945, it never saw combat and ended the second world war in storage where it remained until 1950. It was then acquired by Vickers-Armstrong Ltd. and rebuilt as a T.9 two seat trainer. As “163” the trainer was flown by the Irish Air Corps until 1968. It was then used during the filming of the “Battle of Britain” movie with civilian registration G-AWGB. After the filming had ended TE308 was sold to Canada and flew as CF-RAF until 1974. In 1973, CF-RAF was re-rebuilt as original Mk.IX single seater. The fighter flew as N92477 until 1979, and then became N308WK, and was then, again, converted into a two seater. The last owner (1983-2018) of N308WK was William Greenwood who sold his Spitfire after two accidents. It was still under repair when obtained by Warbird Experiences/Biggin Hill Heritage Hangar. Unlike the other two seat Spitfires at Biggin Hill, TE308 has been finished in the colours “A58-606” an aircraft of 457 ‘Grey Nurse’ Sqn RAAF. This machine was flown with code “ZP-W” by 457 Sqn. Leader Bruce Watson.

Credits: Benjamin Gilbert, Biggin Hill Heritage Hangar, Biggin Hill Historic Aircraft Centre, FB Dijon-Darois, Omaka Aviation Heritage Centre, Stichting Neptune Association, IWM Duxford, Stuff.co.nz, Warbird Experiences.



On 15 August, HAC unveiled their Hurricane G-HURI in its new markings. It now represents R4175 ‘RF-R’ of 303 (Polish) Sqn, as flown by Czech pilot Josef Frantisek from Northolt during the Battle Of Britain. One addition is the Czech roundel on the starboard fuselage. Frantisek had fought with Czech, Polish and French units before continuing the battle from England. He was the highest scoring RAF ‘foreign’ pilot during the Battle Of Britain but was killed at the age of 26, probably in a flying accident, on 8 October 1940. (Duxford, 25 August, David Whitworth)

Military News & Updates



The entire Multinational MRTT-fleet (MMF) is seen here at Eindhoven in beautiful light. T-054 was delivered as the second one on 10 August 2020. (T-054 & T-055, A330MRTT, 20 August 2020, Manolito Jaarsma)

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)

A330MRTT

T-054	MMF	d/d 10aug20	1830	aug20
T-055	MMF		1911	jul20
T-056/M3	Airbus D&S	o/o	1919	jun20
T-057/M4	Airbus D&S	o/o	1945	jan20
T-058/M5	Airbus D&S	o/o	1960	feb20
T-059/M6	Airbus D&S	o/o	1982	
T-060/M7	Airbus D&S	o/o	1989	
T-061/M8	Airbus D&S	o/o		

On 10 August 2020, another A330MRTT (T-054) has been delivered to the Multinational MRTT Fleet (MMF) at Eindhoven Air Base.

AH-64DN

Q-10 301sq dam. **DN010** aug20

AH-64D Q-10 made an emergency landing in the fields close to the village of Waspik. The helicopter was temporary repaired and flown back to Gilze-Rijen for repairs.

CH-47F

D-472	Boeing	d/d 31mar20	M7472	jul20
D-473	Boeing	d/d 02apr20	M7473	jul20
D-474	302sq	d/d 28apr20	M7474	jul20
D-475	302sq	d/d 20may20	M7475	may20
D-476	302sq	d/d 19aug20	M7476	aug20
D-477	302sq	d/d 19aug20	M7477	aug20
D-478	Boeing	d/d 25jun20	M7478	jun20
D-479	Boeing	d/d 15jul20	M7479	jul20
D-480	Boeing	d/d 28jul20	M7480	jul20
D-481	o/o		M7481	
D-482	o/o		M7482	
D-483	o/o		M7483	
D-484	o/o		M7484	
D-485	o/o		M7485	
D-601	o/o		M7601	
D-602	o/o		M7602	

D-603	o/o	M7603
D-604	o/o	M7604
D-605	o/o	M7605
D-606	o/o	M7606

On 19 August 2020, 302sq received another two CH-47F Chinook helicopters at Fort Hood (TX). 302sq has now four operational CH-47Fs in their inventory.

F-16AM

J-642	to Belgium	ex wfu Volkel	6D-74	sep19
J-866	Breda	Pres. Breda KMA	6D-83	jul20

On 20 August 2020 the Ministry of Defence of the Netherlands announced the sale of one End Life Of Time (ELOT) F-16 to the Belgian Air Force to act as an instructional airframe for weapon educational purposes. However, according to Export compliance rules of the United States Government, the US Department Of Defence must agree with this proposed sale. If permission is granted, the expected transfer date to the Belgian Air Force is planned for October 2020.

The Royal Military Academy in Breda received F-16AM J-866 as a replacement for F-16A J-213 which was in a very bad shape.

F-35A

F-011	322sq	ex FACO Cameri		jul20
F-012	322sq	ex FACO Cameri		jul20
F-013	FACO Cameri	f/f 25aug20		aug20

KDC-10

T-235 334sq 70 years 334sq mks **46956** aug20
KDC-10 T-235 received its last C-check at Nîmes-Garons. The aircraft will be phased out in 2021.

NH90-NFH

N-324/324 860sq w/o 19jul20 **1324/NNLN17**

The remains of this helicopter will be hoisted out of the Caribbean Sea by salvage company IHC Merwede and shipped to the Netherlands for further investigation.

Belgium

Luchtcomponent/Composante Air/Air Component [AF]

On 19 August 2020, the Belgian Air Force announced that the B-Hunter Unmanned Aerial Vehicle (UAV) will be out of service by the end of next month.

The B-Hunter has been in service since 2004 and is very outdated. However on 25 March 2019 Scramble Facebook News

already announced that the US DoD approved a Foreign Military Sales (FMS) order of four MQ-9B Block 5 UAVs for the Belgian DoD so a replacement is currently underway. The proposed date of delivery for this first example is planned for 2021.

C-130H
CH04 wfu Melsbroek 23jul20 **4467** jul20

Falcon 7X
OO-FAE 21sq d/d 13aug20 **79** aug20
OO-LUM 21sq d/d 30apr20 **4** apr20

On 13 August 2020, 15 Wing of the Belgian Air Force received her second Falcon 7X (with registration OO-FAE) at Brussels/Melsbroek. The first one (OO-LUM) had already been delivered on 30 April 2020. Both aircraft are acting as a replacement for the already withdrawn from use Falcon 900 (and ERJ135 and ERJ145 aircraft in the near future) and have been leased for twelve years.

SA316B
M1 40sq to be wfu jun21 **1812**
M2 40sq to be wfu jun21 **1816**
M3 40sq to be wfu sep20 **1817**

Just before going to press, the news reached us that the SA316B will be withdrawn from use during June 2021. The last formation flight occurred on 29 June 2020. The Alouette 3 helicopters will be replaced by the NH90.

Albania

Forcat Ajrore Shqipëtare (AF)
Albania will purchase six small unmanned systems RQ-20B Puma through the Foreign Military Sales (FMS) program along with three data link systems, spare packages, seven sets of RSTA (reconnaissance, surveillance and target acquisition) with software and two-year logistics support. The contract was awarded to the US manufacturer AeroVironment in Simi Valley (CA). The delivery should be completed by the end of 2022. It marks the first major investment in building unmanned capabilities of the Albanian Armed Forces.

Bosnia and Herzegovina

Ministarstvo unutrašnjih poslova Republika Srpska (GV)
In addition to the news in Scramble 493 the Bosnian Serb entity (Srpska) has managed to sell five Gazelles after all. The five obsolete Gazelles were bought by Serbia. See Military News of Serbia.

SA341H
E7-AAB sold to YU-HFO **037**

Denmark

Flyvevåbnet (AF)
The first pictures of the first Danish F-35A Lightning II on the production line at Fort Worth (TX) emerged on the internet, with the customer number clearly visible.

F-35A
L-001 Lockheed Martin LRIP XII **AP-01** aug20

Estonia

Eesti Õhuvägi (AF)
In July, during its 101st anniversary, the Estonian Air Force announced that it will retire its four Robinson R44 helicopters. In 2002 the US government donated four R44s to Estonia: two Clipper I variants (one with pop-out floats and one with fixed floats) and two Raven I law enforcement variants with FLIR and loudspeakers. In 2012, two R44s were upgraded for night vision training by Rebtech and Night Flight Concepts. On 22 June, a special formation flight around Estonia was organised with all four Robinsons to celebrate Victory Day. The round trip including fuel stops lasted about 7.5 hours.

Now the first R44 has already been retired. It was donated to the Estonian Aviation Museum in Tartu where it arrived on 23 July. The other three are planned to be retired at the rate of one per year. Following this schedule, it will leave the air force without any helicopters by 2023.

R44
64 pres museum Tartu **1210** jul20

Finland

Ilmavoimat (AF)
F/A-18C
HN-401 HävLLv 11 ex HävLLv 31 **1286/FNC001** aug20

France

Armée de l'Air (AF)
The first Beech 350ER/ALSR has been handed over to the Air Force on 5 August 2020. It is based at Evreux with EEA01.054 Dunkerque. The second one, serial 1030, will be delivered in November. A third one has recently arrived in France (as F-GYEE) and will be delivered in 2023. The aircraft have been given an official name; VADOR (Vecteur Aéroporté de Désignation d'Observation et de Reconnaissance).

On 8 August, the last C-160 on detachment on the African continent has left. It left its temporary base of Niamey, Niger, for a trip along several French bases in Africa before heading



On 25 August 2020, one lucky pilot took future RNLAF F-35A F-013 to the air for the first time at Cameri. Seventeen being an unlucky number in Italy, we will have to wait and see about F-017. (Mauro Finati)



Sleek modern trainers are increasingly finding their way to the military. Austria is one of the countries where Diamonds are built, so it is not very surprising the local military choose the Diamond DA40. (3H-DC, DA40, LAbt FläFlz, Zeltweg, 6 August 2020, Jeroen Jonkers)

for France. A few days earlier, a C-130J had arrived at Niamey as a replacement on 31 July 2020. This has all to do, as we already mentioned at the beginning of the year, with the disbanded ET02.064 Anjou as the last conversional Transall unit in France on 31 August 2020. It will reform on a later date as A400 unit. ET02.064 will transfer three of its C-160Rs to EEA01.054 Dunkerque, these will be used as training aircraft. EEA01.054 will continue to use these and their C-160G Gabriel aircraft till 2025 when they will be replaced by three Falcon 8X Archange (Avions de Renseignement à Charge utile de Nouvelle Génération] aircraft.

According Air Actualités EPAA00.315 at Cognac will be renamed to EAC00.315 in September 2020. Also its squadrons will be reorganized. EIV02.012 Picardie will be flying with the civil Grob G120, EIV01.013 Artois, EIV02.013? Limousin and EIV03.013 Auvergne will be using the PC-21s. The squadron number of Limousin is not yet known but EIV02.013 seems logical. There will also be two non-flying units; ESE01.011 (Escadron de Standardisation et d'Evaluation) Roussillon and EIS04.011 (Escadron d'Instruction au Sol) Jura. The additional eight PC-21s ordered will all be delivered by late 2022. In 2024 a replacement for the Grob G120 and Cirrus SR20 (at Salon) will have been selected. These replacements will be flying from Salon. This reorganisation of the training syllabus will also mean the ETO01.008 Saintonge at Cazaux will be disbanded soon.

The DGA-EV at Istres will get a second Fokker 100. Former Air Panama HP-1895PST (c/n **11400**) has arrived in August at Dinard for modifications.

LFDN = Rochefort - St Agnant

Alpha Jet E

E107/8-UD	nn	ex EAC00.314	jun20
E110/705-AH	instr LFDN	ex EAC00.314	jun20
E35/6	EPAA20.300	ex 705-MA	jul20

Beech 350ER/ALSR

479	on order	temp as F-GYEE	FL-479	jul20
1018	EEA01.054	ex F-ZACG	FL-1018	aug20

CN235M-200

066/62-ID	ET01.062	ex 52-ID	C066	jul20
137/68-IN	ET00.068	ex 62-IN	C137	jul20

CN235M-300

194/64-HB	ET03.062	ex 62-HB	C194	jul20
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Mirage 2000-5F

41/2-FZ	GC01.002	ex 118-FZ	197	jun20
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43/188-EJ	EC03.011	ex 2-EJ	202	nov19
44/188-EQ	EC03.011	ex 2-EQ	208	feb20
58/188-EL	EC03.011	ex 2-EL	260	feb20
61/188-ME	EC03.011	ex 2-ME	276	feb20
71/2-EE	GC01.002	ex 116-ME	307	jul20

Mirage 2000D

686/3-JH	EC02.003	ex 133-JH		jun20
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Rafale B

315/4-HK	EC01.004	ex 30-HK		jul20
356/4-FW	ETR03.004	ex EC01.004		jul20

Rafale C

124/7-GC	EC01.007	ex 30-GC		nov19
127/7-GF	EC01.007	ex 30-GF		nov19
131/7-GJ	EC01.007	ex 4-GJ		nov19
141/30-GT	EC02.030	ex 7-GT		jul20
143/7-GV	EC01.007	ex 30-GV		nov19
146/7-GY	EC01.007	ex 30-GY		jul20

SA330B

1316/AG	instr LFDN	ex ET00.068	1316	jan18
1383/AN	ETOM00.088	ex EH01.067	1383	feb20

Armée de Terre (AR)

NH90-TTH

1295/EAJ	5RHC	ex AirbusHeli	1295	jul20
1386/EAZ	5RHC	ex 1RHC	1386	jul20
1428/EBL	5RHC	ex AirbusHeli	1428	jul20
1429/EBM	5RHC	ex AirbusHeli	1429	jul20
1430/EBO	5RHC	ex GAMSTAT	1430	apr20
1454/EBT	ABH	on order	1454	jul20

SA330B

1165/DCT	instr Courbessac barracks	1165	19
1177/DCW	instr Courbessac barracks	1177	19
1182/DCY	instr Courbessac barracks	1182	19
1197/DAU	instr Courbessac barracks	1197	19

Marine National (NY)

NH90-NFH

23	33F	ex AirbusHeli	1394	jul20
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Germany

Luftwaffe (AF)

A350-941CJ				
10+03	FBS BMVg	d/d 20aug20	416	aug20

On 20 August 2020, Lufthansa Technik officialy handed over the first Airbus A350-941CJ to the Flugbereitschaft des Bundesministeriums der Verteidigung (FBS BMVg).

A total of three Airbus A350s have been ordered to replace the troubled Airbus A340s (16+01 and 16+02) in the VIP role.

EF2000

30+81	TLG74	ex TLG31	GS061	aug20
31+01	TLG74	ex TLG31	GS078	aug20
31+35	TLG74	ex TLG31	GS095	jun20
31+36	TLG74	ex TLG31	GS096	jul20
31+38	TLG31	ex TLG71	GS098	jul20
31+49	TLG31	spec c/s "Tranche 4"	GS0109	jul20
31+50	TLG74	ex TLG31	GS0110	aug20

Tornado IDS

46+02	TLG33	ex TLG51	748/GS242/4302	jul20
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Heeresflieger (AR)

EC135T1

82+62	IHAZ	w/o 01jul19	0114	nov18
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H145M

77+04	THR30	c/n update	20315	jul20
77+06	THR30	ex Airbus heli.	20281	jul20

NH90-TTH

79+12	THR30	1144/TGEE12/GEAF19	jul20
79+30	IHAZ	unit update TGEE30/GEAF08	jul20
79+31	THR30	ex THR10 TGEE31	jul20
79+33	THR30	ex Airbus Heli. 1419/TGEE33	jul20

Italy

Aeronautica Militare (AF)

S208M

MM61977/60-30	423 ^a SC	ex -/423 ^a SC	3-71	aug20
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T-2006A

MM55206/70-40	Tecnam	ex 70 ^o Stormo	171	jun19
MM55207/70-41	Tecnam	ex 70 ^o Stormo		jun19
MM55208/70-42	Tecnam	ex 70 ^o Stormo	173	jun19

Not mentioned before, but already on 28 June 2019, the three T-2006As returned to Tecnam at Capua (CE). This ferry flight ended the contract period of three years and 3.600 flight hours in total. The T-2006As were ordered in 2015 as part of the Aeronautica Militare new Integrated Training System and as well as the three aircraft, Tecnam also supplied a flight simulator.

Aviazione dell' Esercito (AR)

AB-206C-1

MM80588/E.I.527	TDY 208 ^o Gr	ex 1 ^o Gruppo	9016	jul20
MM80606/E.I.545	TDY 208 ^o Gr	ex 1 ^o Gruppo	9038	jul20
MM80663/E.I.595	TDY 208 ^o Gr	ex 1 ^o Reggimento	9094	jul20

NATO

NAEW&CF

As already mentioned on Scramble Facebook News, the eighteen countries involved in NATO's Airborne Early Warning & Control System (AWACS) project, announced that a replacement aircraft for the remaining fourteen E-3A AWACS aircraft has to be selected before 2023.

The current fleet is currently undergoing an End Life Extension program with Boeing and this upgrade will keep the E-3A fleet active until 2035.

For the new aircraft selection process, probably Airbus, Boeing, Northrop Grumman and Saab will be the competitors. A construction with both US and EU companies is also possible.

Portugal

Força Aérea Portuguesa (AF)

The scheduled move of Esq101 from Sintra to Beja on which we reported before (Scramble 487 - p66) started on 17 June 2020 when the first Epsilons made their way to their new home base.

Romania

Fortele Aeriene Romane (AF)

On 14 August 2020, the first two aircraft of the second batch of five additional ordered F-16s took off from Monte Real (Portugal) for their delivery flight to Baza 86 Aeriana, Borcea/Fetesti. The serials of the newly delivered aircraft are 1614 (ex FAP 15132) and 1616 (ex FAP 15135). The remaining three F-16s are scheduled to be delivered in October 2020 (two aircraft) and one in early 2021. Scramble assesses these three will receive the following serials: 1613, 1615 and 1617 (ex Portuguese Air Force 15122, 15134 and 15141).

The contract for the additional F-16s, total value of 130 million Euros, was formally signed by the ministers of defence from Portugal and Romania on 27 January 2020. The deal included the technical conversion of the aircraft to Romanian specifications, the transfer of technical information and the setting up of maintenance in Romania. After the delivery of these five aircraft the Fortele Aeriene ale Romaniei (FAR, Romanian Air Force) has a total of seventeen F-16s in its inventory. EDPR = Donauwörth



Tight formation landing! Two L-39Cs practice just that at Pardubice on a sunny afternoon last August. Pardubice is home of the Czech flight school and offers great photo possibilities. (0444 & 0448, CLV, 12 August 2020, Wim Sonneveld)



After a slow start, NH90-NFH Sea Lions are gradually being introduced by the Marineflieger at Nordholz. (79+53, MFG-5, Nordholz, 22 June 2020, Raymond van Dijkhuizen)

F-16AM

1601	Esc.53	ex FAP/15121,USAF/82-0904	4oct16
1602	Esc.53	ex FAP/15123,USAF/82-0941	4oct16
1603	Esc.53	ex FAP/15124,USAF/82-0944	4oct16
1604	Esc.53	ex FAP/15125,USAF/82-0948	4oct16
1605	Esc.53	ex FAP/15126,USAF/82-0982	15dec16
1606	Esc.53	ex FAP/15127,USAF/82-0999	15dec16
1607	Esc.53	ex FAP/15128,USAF/82-1007	29sep17
1608	Esc.53	ex FAP/15129,USAF/82-1017	4oct16
1609	Esc.53	ex FAP/15130,USAF/82-1022	29sep17
1614	Esc.53	ex FAP/15132,USAF/83-1073	14aug20
1616	Esc.53	ex FAP/15135,USAF/83-1080	14aug20

F-16BM

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

SMURD (GV)

H135-3H

D-HCBD	SMURD	f/n EDPR	2123	jul20
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Serbia

Ratno Vazduhoplovstvo i Protivvazdusna Odbrana (DF)

At the end of July, some media published about the possible buy of the Boeing/Saab T-7 Red Hawk by Serbia as a ground-attack aircraft. Scramble could not believe this, firstly because the T-7 is only under development and there is currently no ground-attack version, and secondly because of the current financial situation in Serbia. We have now further digged into this topic. Currently some J-22 Oraos are subject to a modernisation project. After the Oraos it is planned the G-4 Super Galebs, of which about 15 are still in use, will undergo a modernisation also. Now the ministry of defence is looking how to further optimize the many types of aircraft currently in use. The president of Serbia stated «countries in the region are arming themselves and Serbia will have to react to that in some way.» So now Serbia is making plans to replace the G-4 Super Galeb and J-22 Orao by a single dedicated ground-attack aircraft in about ten years from now, at a price of half the costs of a 4th generation multi-role fighter aircraft. No specific types have been selected. And that is where some media added the Boeing E-7 Red Hawk, Su-25, F-16, etc. to its publications. Serbia will add the plans for a new aircraft in its strategic future plans before the end of the year, but also states it has now bigger priorities on the short term. Those priorities will for sure include the development of Serbia's own combat UAV system. In the long term: the 14 MiG-29s of Serbia will also have about ten years of service live left after their current upgrades and deliveries, so we have to see what the future brings Serbia.

Serbia has declared its two Mi-24V helicopters too expensive

to repair. Both Mi-24V were procured in 1998 by the Special Operations Unit of the State Security Department of the Ministry of Interior. After being used in anti-terrorist operations in Kosovo and Metohija, both Mi-24s were transferred to the air force in 2006. Due to their poor technical condition and incomplete original documentation, they remained stored and unrepaired. Now Serbia will try to sell off both Mi-24V's.

The first Chinese made CH-92A UACS have arrived in country. Three out of the order for six were displayed to the press on 4 July 2020. The CH-92A, made by Chinese company ALIT (Aerospace Long March International) will be armed with the FT-8C missile. The drones will be operated by the reactivated 353.iae (reconnaissance aviation squadron), which used to operate the RF-84G and later I(N)J-22 Orao and that was disbanded in 2006 at Ladjevci after two reconnaissance aviation divisions (izvidacko avijacijsko odeljenje) were created from it: 1.iao at Batajnica (MiG-21R and MiG-21(U)M) and 2.iao at Ladjevci (I(N)J-22). Personnel is being trained in China. The unit will also operate 12 pieces of the larger domestically developed "Pegasus" UACS. The first two of the 12 "Pegasus" on order are already shipped to China where these will be equipped with optoelectronics, autopilot, link and software. The third "Pegasus" will be assembled in Serbia.

Ministarstvo Unutrasnjih Poslova (PO)

The Ministry of Interior has purchased five surplus Gazelle helicopters from the Helicopter Service of the Bosnian Serb Republic (Srpska). On 31 July, the first was delivered to the MUP (Police aviation) at Belgrade-Nikola Tesla airport. Two Gazelles are planned for use, while the remaining three will be used for spare parts. All should receive YU-registrations.

SA341H

YU-HFO	MUP	d/d 31jul20, ex E7-AAB	037	jul20
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Slovenia

Vojaško letalstvo in zracna obramba Slovenske vojske (AF)

PC-9

L9-51	to N995MK	180
L9-53	to N898DC	182

Both PC-9s were already sold to RUAG in September 2015 and RUAG has sold these on. Registrations N69LW and N69XC used to be reserved for these two.

Spain

LEVS = Cuatro Vientos

Ejército del Aire (AF)

AS332B

HD.21-02/803-2	wfu LEVS	ex 803 Esc	2054
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The last flight of this helicopter took place on 21 August 2020.

CASA 101EB
E.25-83/74-35 741 Esc ex Alloc. Ala 79 **092** aug20

CN235-100M
T.19B-17/744-17 744 Esc recoded, ex 74-17 **C074** aug20

Africa

Algeria

Al-Quwwat Al-Jawwiya Al Djazairiya (AF)

DAOL = Tifarouï

UIIR = Irkutsk-2, Russian Federation

AS555N

ES-46 f/n database, photo

CM170

2801 wfu f/n database, photo

2887 wfu f/n database, photo

Firnas 142

7T-WZC 8 EdE f/n DAOL, photo aug20

MiG-15bis

502 wfu f/n database, photo

MiG-17F

FR-56 wfu f/n database, photo

MiG-21bis

FA-94 wfu f/n database, photo

MiG-21MF

158 wfu f/n database, photo

188 wfu f/n database, photo

MiG-23BN

FM-37 wfu f/n database, photo

MiG-23MF

FP-65 wfu f/n database, photo

MiG-25PDS

FU-24 wfu f/n database, photo

Su-30MKI

... 12 EDA **10MK4201** aug20

KF-53 12 EDA c/n update **10MK4204** aug20

At least four Algerian Su-30s are at the Irkutsk Aviation Plant in Russia at the moment, the construction numbers of the above two were on a paper on the fuselages.

Yak-130

NY-18 620.EdEA c/n update **130.12-104/0104** aug20

NY-54 620.EdEA c/n update **130.12-115/0115** aug20

Angola

Força Aérea Nacional de Angola (AF)

BN-2A-21

I-302 w/o 11jun85 was in DB w/o 23sep85 **896**

Botswana

Botswana Police Service (PO)

FALA = Lanseria, South Africa

KMNM = Menominee-Marquette Twin County Airport (USA,MI)

Enstrom 480B

... o/o, as N454GS f/n KMNM apr20

BPS-11 BPS f/n FALA jul20

BPS-12 BPS f/n, photo jun20

Delayed by two months, due to the COVID-19, the Botswana Police Service (BPS) will receive their three Enstrom 480Bs in August 2020. BPS-11 was noted while unloading at Century Avionics Lanseria on 27 July. The BPS-12, first noted 3 June 2020, was still in the United States at the end of June 2020. Expected is that the third serial will be BPS-10, but that needs confirmation.

Côte d'Ivoire

Force Aérienne de Côte d'Ivoire (AF)

On 7 August 2020, Ivory Coast was celebrating its 60th Independence Day, a Ukrainian Air Force Il-76 landed at Abidjan with a "new" Mi-24 helicopter onboard. The helicopter should be the first of two according to the President of the Republic, Mr. Alassane Ouattara. The second helicopter will be delivered within three months. They are replacing the helicopters which were lost in November 2019 (TU-VHR) and in March 2020 (TU-VHO). We assume these two are also former Bulgarian Mi-24s.

Egypt

al Quwwat Al Jawwiya Il Misriya (AF)

By the end of July, just after the deadline of Scramble 495, the first photos of Egyptian Air Force Sukhoi Su-35, captured at Irkutsk-2, were posted on the internet. The images reveal that the aircraft are painted in a camouflage scheme quite similar to the Egyptian MiG-29M/M2. The photographs were taken by Andrey Neyman on July 22, as the five Su-35 arrived in Irkutsk for a fuel stop. The location and routing suggest the aircraft were on delivery to Egypt from the Komsomolsk-on-Amur Aircraft Plant (KnAAZ), which is located in the far east



EF-2000 C.16-20 was the first production single seater Typhoon for Spain. It is still flown by Airbus as the IPA4 trials aircraft, as can be seen from the markings on the tail and inlet. (San Javier, 4 August 2020, José Damián González)



Future Kenyan Air Force 222 is seen here visiting Venegono, Italy, probably during a test flight from its place of birth, Torino. (CSX62308, C-27J, 27 July 2020, Fabrizio Capenti)

of the Russian Federation.

During a visit of Russian Defense Minister Sergei Shoigu to the KnAAZ aircraft plant in Komsomolsk-on-Amur, a schedule of deliveries of the export version of the Su-35 might “accidentally” got into the picture caught by the media cameras. From the schedule we can assume that the first export order (Egypt) includes thirty Su-35 aircraft in all, with 22 aircraft delivered/to be delivered this year and eight more aircraft in 2021.

HEAZ = Almaza

OLBA = Beirut International Airport

UIIR = Irkutsk-2, Russian Federation

C295M

1180/SU-BSY	8sq	c/n update	134
1184/SU-BSJ	8sq	f/n HEAZ, photo	111 may20
1190/SU-BSH	reregistered	as 1184/SU-BSJ	111 sep14
1190/SU-BRP	8sq		083
1195/SU-BRW	8sq	f/n OLBA	aug20
1198/SU-BTK	8sq	c/n update	161

The puzzle of the Egyptian C295s is coming to an end. On 4 February 2014 a CASA 295 was photographed at Sevilla, Spain, with the full registration 1190/SU-BSH painted on the fuselage and construction number **111** on a large sticker (see MAR March 2014). In October 2015, however the 1190 was photographed at Cairo-Almaza with a different “civil” registration, namely SU-BRP. A C295 with registration SU-BRP was already noted at Sevilla in October 2011, however this one was carrying construction number **083**. So already since October 2015 we assumed that the **111** was not delivered as the 1190/SU-BSH, but we had no idea what happened to it. A photo, made on 19 May 2020 at Cairo-Almaza, of the 1184/SU-BSJ helped us solving this puzzle. Comparing the colour scheme of the 1184/SU-BSJ with that of the **111** proofs these matches. The **111** was delivered as EC-006 on 10 September 2014, with the serial taped over and so we assume, but are not sure, that the **111** was delivered as 1184/SU-BSJ. Comparing images of the **083** and the 1190/SU-BRP proofs this is the same aircraft.

Because we were still missing some tie-ups of other Egyptian C295s we started to compare more photos and found out that the **134** has to be the 1180/SU-BSY and the **161** the 1198/SU-BTK. For the moment we are still searching for photographic evidence of two C295s, one with c/n **102** and one with c/n **149**. We know the missing serial is 1177/SU-BTF and

it is almost certain that 1177 is c/n **149** and 1195 is c/n **102**, but we like some more proof, photoproof if possible. For the **102** we only have one sighting (Seville March 2013 in primer) and no photos at all, so if anybody has photos of this aircraft we would like to receive them at africa@scramble.nl

F-7II

4529 26sq f/n database, photo

Gomhouira Mk6

270 f/n db, photo Bilbeis **2016**

SA342L

3404 f/n database, photo **1980**

Su-7U

7917 wfu f/n database, photo

Su-35

9210	o/o	f/n UIIR	jul20
9211	o/o	f/n UIIR	jul20
9212	o/o	f/n UIIR	jul20
9213	o/o	f/n UIIR	jul20
9214	o/o	f/n UIIR	jul20

Guinea

Force Aérienne de Guinee (AF)

LFML = Marseille-Provence, France

IAR330L

3X-AAA Esc. de Liaison o'haul LFML **5533** jul20

Kenya

Kenya Air Force (AF)

Peter Weinert send us a photo of the badge of the AW139 squadron, showing that the AW139 belongs to KAF 755 Helicopter Squadron based at Moi Air Base at Mombasa

Y12-II

128 ASS w/o 24aug20 **0097?**

MOROCCO

al Quwwat al Jawwiya al Malakiya Marakishiya (AF)

BAe146-RJ-100

CNA-SM	reregistered	as CN-MSM	E3387
CN-MSM	Gvmt	ex CNA-SM	E3387 jan20

C-130H

CNA-OJ	reregistered	as CN-AOJ	4738
CN-AOJ	Esc de Tr. 3	ex CNA-OJ	4738 jun19

The CN-AOJ was already noted as such on 13 June 2019 at Craiova, Romania. The only Moroccan C-130 which has not

yet been noted as CN-Axx, is the CNA-OC, this aircraft was last noted in April 2014.

Ce560XLS+

CN-AMK reregistered as CN-MMK **560-6047**
 CN-MMK Esc. de Transp. ex CN-AMK **560-6047** may20

Nigeria

Nigerian Air Force [AF]

JF-17

NAF702 o/o f/n Kamra (PAK) jul20

A photo found on the internet shows a primer JF-17 Thunder with serial NAF-702 (with hyphen). Nigeria has ordered three aircraft and for the moment it is unknown if this is the first or the last aircraft in this batch. However we assume this is the third aircraft and the other serials are NAF700 and NAF701, because like with the Jaguars and the MiG-21MFs the serial range started with NAF700.

Sudan

al Quwwat al Jawwiya as-Sudaniva (AF)

Su-25UB

218 f/n database, photo

Tanzania

Jeshi la Wananchi la Tanzani (AF)

LFML = Marseille-Provence, France

H125

... o/o, as F-ZWCF f/n LFML **8825** jul20

Asia

Afghanistan

Afghan Air Force (AF)

On 23 August 2020, after a 24 hour delay, four Afghan Air Force A-29B Tucanos were delivered via Prestwick (UK) with call-signs Raven81-84. The aircraft arrived from Reykjavik (Iceland) around 13:00 hrs LT and departed after one hour to Nice (France). The four aircraft were accompanied by Dornier Do328 D-CAAN operated by 328 Support Services.

In total 26 A-29Bs were delivered to the 81st FS/14th FTW at Moody AFB (GA) for training Afghan pilots. Twenty aircraft were delivered between March 2015 and December 2016, one Tucano crashed in the USA on 6 March 2017. An additional order for six aircraft was delivered from April 2018. Fourteen aircraft were already transferred to Afghanistan, of which one aircraft crashed in Afghanistan on 9 July 2020.

Until 20 August 2020, eleven A-29Bs were still in use with the 81st FS at Moody. The four aircraft delivered via Prestwick are: 13-2003, 13-2005, 13-2011 and 13-2016.

The future Afghan serials were taped over, but on 13-2011 the serial YA1511 was visible. The seven A-29Bs still in use with the 81st FS are: 13-2001, 13-2002, 13-2019, 13-2020, 17-2030, 17-2031 and 17-2032.

A-29B

13-2003	Kabul Air Wg	ex 81st FS	31400203	aug20
13-2005	Kabul Air Wg	ex 81st FS	31400205	aug20
13-2011	Kabul Air Wg	ex 81st FS	31400211	aug20
13-2016	Kabul Air Wg	ex 81st FS	31400216	aug20

China

People's Liberation Army Air Force (AF)

H-6H

40271	36th Div/107th Reg	may20
40571	36th Div/108th Reg	may19

J-10A

73158	124th Brigade	J100305	jun20
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J-1BS

78025	FTTB/171st Brigade	photo
78621	FTTB/171st Brigade	photo
78622	FTTB/171st Brigade	photo

J-16

65015	40th Brigade	0203	photo
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JL-9

1119	Harbin FA/1st Brigade	photo
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KJ-500

30175	26th Div/76th Regiment	aug20
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Y-7H

53217	WTC/Transport & SAR Brig	jul20
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Y-20

11155	4th Div/12th Reg	jul20
20045	13th Div/37th Reg	aug20
20047	13th Div/37th Reg	jun20
20048	13th Div/37th Reg	jun20

Simultaneously with Y-20s entering the Regiment, the Y-8C aircraft with the same serial numbers are put aside at Kaifeng with all vital equipment removed.

People's Liberation Army (AR)

Mi-17V-5

LH961701	78th Brigade	photo
LH961715	78th Brigade	photo

Mi-17V-7

LH921725	Tibet/Xizang Brigade	photo
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Georgia on your mind? Well, this is what you can encounter in Tbilisi, Georgia! In April 2020, a Su-25UB from the Armée de l'Air Tchadienne (Chad Air Force) was photographed during a test flight from the Tbilisi Aircraft Manufacturing (TAM) plant (also known as JSC Tbiliviamsheni) at Tbilisi-Soganlug. At least two Su-25 Frogfoots and one Mi-24 Hind were on overhaul with TAM. (TT-QAH, 6 April 2020, Lasha Tsiskarishvili)



Four Super Tucanos were delivered to Afghanistan through Prestwick. The Afghan serials were covered but YA1511 could be seen shining through with this 13-2011. They were based at Moody with the 81st FS. (23 August 2020, Douglas Connery)

Mi-171				
LH962707	79th Brigade		photo	
LH962752	79th Brigade		jul20	
Mi-171E				
LH951712	81st Brigade		photo	
LH911710	Xinjiang Brigade		jul20	
Z-8G				
LH953831	161st Brigade		jul20	
LH953836	161st Brigade		jul20	
LH982821	121st Brigade		photo	
Z-9WZ				
LH991920	71st Brigade		photo	
Z-10				
LH953107	161st Brigade		aug20	
LH953125	161st Brigade		aug20	
LH953127	161st Brigade		aug20	
LH953131	161st Brigade		aug20	
LH962107	79th Brigade		jul20	
LH962191	79th Brigade		jul20	
Z-19				
LH991590	71st Brigade		aug20	
People's Liberation Army Navy (NY)				
H-6G				
81224	8th Div/23rd Reg	1824001	au20	
81227	8th Div/23rd Reg	1624009	au20	
H-6J				
9011	STC Indep. Bomber Regiment		aug20	
9031	STC Indep. Bomber Regiment		aug20	
9081	STC Indep. Bomber Regiment	24J009	aug20	
9091	STC Indep. Bomber Regiment		aug20	
Y-8C				
86202	Naval Av. Univ./6th Reg		jun20	
Confirmation is needed where this unit is based. Changzhi/Wangcun seems to be a good candidate as about four unidentified Y-8Cs are based there.				
Z-8C				
05			jul20	
06			jul20	
Z-8CJ				
91		Z8CJ-1007	may20	
Manufacturers				
J-16				
1615	SAC	proto	0105?	jul20

Z-8L
PT02 CAIG photo

For the first time the Chinese have revealed the Z-8L, which is the latest evolution of a helicopter design that once started life as Super Frelon. Although it was first thought that the main feature would be a wider cabin design, it now seems that the main change is the lowering of the cabin floor which will provide easier access and egress during combat operations. For this the sponsons had to be enlarged so that they now also house the fuel that used to be stored under the cabin. As a result also the total airframe height is reduced, providing a sleeker appearance. The revelation was done during slung load testing with the second prototype with serial PT02. It is believed the helicopter is powered by new turboshaft engines (WZ-??) and as a result can be operated from hot and high conditions.

China United Airlines

B737-800
B-209H CUA **63083/7377** dec19
B-209Z CUA **63085/7457** dec19

On 20 December 2019 China United Airlines, the former passenger transport airline within the Chinese military that became civilian controlled in 2005, received a few B737-800s. The two above are used for military transports as can also be deduced from the lack of ADS-B being transmitted. Both aircraft are in full CUA colours.

India

Bharatiya Vayu Sena (AF)

On 11 August 2020, the Defence Acquisition Council (DAC) approved the procurement of defence equipment for an approximate cost of USD 2 billion, including 106 Hindustan Aeronautics Ltd (HAL) HTT-40 basic trainer aircraft for the Bharatiya Vayu Sena (IAF, Indian Air Force). The certification process is well underway for the new trainer. Initially 70 HTT-40s will be procured and the second group of 36 will be procured after operationalisation of the HTT-40 in the Indian Air Force.

The announcement of the basic trainer procurement comes a few days after the Indian Ministry of Defence (MoD) published its first list of 101 weapon systems and equipment that it will no longer purchase from abroad. The expansive list covers a large spectrum of hardware including transport aircraft, artillery guns, combat helicopters, radar systems,

simulators, assault rifles, warships and more. The first set of items will be banned from import starting December 2020, followed by another set from December 2021 and a third from December 2022.

This will definitely mean that no further Pilatus PC-7 trainer aircraft will be procured. In August 2019 we reported on the investigating of the Swiss company Pilatus for corruption allegations and the subsequent ban on all Indian dealings with Pilatus for at least a year. HAL reported that the additional requirement of 36 basic training aircraft could be added to the already committed order for 70 HTT-40s. According to HAL, the cost per aircraft would be lowered further when the total number was to exceed 100 aircraft. The Indian Air Force however painted a grim picture for its trainer aircraft fleet last year. It pointed out that efforts to develop a basic trainer under the HTT-40 programme was running five years behind schedule and they even expected that HAL's trainer was unlikely to even be certified for flight by 2021.

Although the certification process for the HTT-40 is not finished yet, the decision to buy "Make in India only" is very positive news for Hindustan Aeronautics Ltd.

B777-337ER

K7066	Boeing	marked VT-ALV	36320/1537	aug20
K7067?	Boeing	marked VT-ALW	36321/1541	jun20

The Indian Air Force serial for VT-ALW is not yet confirmed, but most likely.

Mi-17V-5

ZP5128	unit nn	f/n		aug20
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Rafale DH

RB001	Dassault Aviation		d/d 27jul20
RB003	Dassault Aviation		d/d 27jul20

Rafale EH

BS001	Dassault Aviation		d/d 27jul20
BS003	Dassault Aviation		d/d 27jul20
BS004	Dassault Aviation		d/d 27jul20

Indonesia

Tentara Nasional Indonesia - Angkatan Darat (AR)

Bell 205A-1

HA-5126	SKUAD11	c/n update	30087	jul20
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Seen in a presentation on the inspection of 11 squadron's 39 helicopters by Dinas Kelaikan Angkatan Darat (DISLAIKAD), the Army Airworthiness Service. These inspections were held after the crash of Mi-17V-5 HA-5141 in June.

Polisi Udara (PO)

AW169

P-3301	Leonardo	f/n, also CSX81982	69121	jul20
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This is the first of nine on order, the deal also includes two AW189.

Japan

Nihon Koku-Jieitai (AF)

As expected, Boeing and Mitsubishi HI signed an agreement on upgrades to the youngest part of the JASDF F-15 fleet. Boeing will provide retrofit drawings and other support for the first two Eagles to be modified to the F-15JSI (Japan Super Interceptor). This is probably a Boeing identifier and the JASDF might stick to the more common "Kai" extension. It is planned a total of 98 F-15J/DJs will be upgraded with new radar, electronic warfare suite and weapons, including an advanced cockpit with new mission computers.

Status of the RQ-4 Global Hawk acquisition is not clear. Northrop-Grumman received an order for three RQ-4s, however after the US proposition to retire all the USAF's block-30 Global Hawks, Japan is worried costs to operate the UAVs will explode.

Japan has plans to establish a Field Carrier Landing Practice facility at Make-jima, an island south of Kagoshima prefecture. The planned two runways will primarily be used by Carrier Air Wing 5 of the US Navy, replacing Iwo-jima which is much further away. Also the future JASDF F-35Bs will use the planned facility.

RJNA = Nagoya/Komaki	RJNG = Gifu
RJST = Matsushima	RJTA = Atsugi
RJTU = Utsunomiya	
ADC = Shireibu Hikotai	AEWG = HikoKeikaiKanshigun
AGG = Hiko Kyodogun	ARW = Koku Kyunandan
FTS = Kyoiku Hikotai	FTW = Hiko Kyoikudan
N-ADF = Hokubu Sh.Hikohan	SW-ADF= Nansei Sh.Hikohan
1 TS = 1 Jyutsuka Gakko	

KC-46A

N	Boeing	as 14-3611	66585/1207	jul20
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Was seen at Everett (WA) inside a hangar. Judging from the serial, it is still planned to enter JASDF service in 2021.

KC-130H

95-1081	401 Hikotai	ex nb/IRAN	382-5170	jun20
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E-2D

01-3474	AEWG	ex Northrop-Grumman		aug20
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Seen with Japanese roundel and badge.



Completely anonymous 122 squadron G-V Nachshon Shavit brought the Israeli Air Force commander to Nörvenich at the start of BlueWings 2020. Its serial 679 could only be taken from the side of the stairs. (19 August 2020, Oscar Vis)



Long lost T-33 4331 was spotted during a mountain bike event in Mairiporã. The place is called Museu de Arqueologia Industrial and it is near São Paulo Guarulhos airport. (11 August 2019, Ernesto Rossi Junior)

F-2A

03-8507	o/h RJNA	nb, ex 8 Hikotai	1007	aug20
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F-2B

33-8117	o/h RJNA	nb, ex 21 Hikotai	3017	aug20
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F-15DJ

12-8054	23 Hikotai	20th anniversary c/s	634/004	aug20
22-8056	303 Hikotai	ex nb/IRAN	722/006	jul20
52-8062	303 Hikotai	ex 23 Hikotai	906/012	aug20
32-8082	AGG	ex IRAN	032	jul20

F-15DJ 056 is confirmed with 303 Hikotai, giving the unit five duals in their inventory. In comparison, 306 Hikotai only has two. 082 received a new pale blue/medium blue camo scheme.

F-15J

62-8872	ex 203 Hikotai	nb, to unit?	072	jul20
62-8876	305 Hikotai	ex IRAN	076	aug20
62-8878	203 Hikotai	nb, ex IRAN	078	aug20
72-8888	o/h RJNA	nb, ex 1TS	088	aug20
72-8890	304 Hikotai	ex 305 Hikotai	090	aug20
92-8908	o/h RJNA	nb, ex 201 Hikotai	108	aug20
42-8949	304 Hikotai	prev. l/n nov18	149	jul20

We believe F-15J 872 has been transferred to another unit as it was re-delivered after overhaul only 18 months ago.

F-15J Mod.

92-8906	306 Hikotai	ex IRAN	106	aug20
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F-86D

04-8187	Nyutabaru	removed from gate	190-416	aug20
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Both Sabres previously preserved at the gate of Nyutabaru were removed and stored elsewhere on the field, we think near the QRA shelters. Except for the canopy of the F-86F, which is broken, both frames seem to be in pretty good order. If the QRA is indeed the present location, it is an ominous sign as many Phantoms were scrapped on that spot.

F-86F

92-7916	Nyutabaru	removed from gate	256-36	aug20
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T-4

06-5650	N-ADF	ex nb	1050	aug20
36-5702	305 Hikotai	ex IRAN	1102	aug20
36-5705	SW-ADF	ex IRAN	1105	aug20
96-5780	32 FTS	ex 31 FTS	1180	jul20
16-5797	o/h RJNG	nb, ex ADC, 13FTW c/s	1197	aug20

T-7

26-5901	o/h RJTU	nb, test, ex 12 FTW	1	aug20
66-5933	o/h RJTU	nb, test, ex 11 FTW	33	aug20

U-4

95-3254	unit?	JASDF emblem on tail	1326	aug20
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It is still unclear which unit operates the U-4s. Upto the first half of 2018, three were operated by 402 Hikotai and two by Shireibu Hikotai, however after July 2018 all badges were removed. The first U-4 with the monochrome JASDF badge was seen October 2019 and by June 2020 all former 402 Hikotai U-4s were seen with this badge. U-4 254 however is (was?) a Shireibu Hikotai aircraft, so it is possible all aircraft are operated by one unit.

U-125A

52-3002	ARW/RJST	60th ann. mks	258247	apr20
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The only available picture shows the part in front of the wings and the only extra markings are the green drawing of Miyagi (the prefecture where Matsushima is located) including the words '60th anniversary' and some sort of sticker with presumably the official statistics of the unit.

X-2

51-0001	Hamamatsu	ex Gifu store		aug20
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The former ATD-X arrived at Hamamatsu on a trailer, all wrapped up in blue covers and without the vertical tails. For the moment no clue on its future.

Rikujo Jieitai (AR)

RJTU = Utsunomiya

UH-1J

41858	VI	ex III?	1J58	jul20
41862	o/h RJTU	no unit code, ex V	1J62	aug20

LR-2

23052	IHB	ex XVH	FL-186	aug20
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According to a twitter message, this aircraft is part of a trainings course named "LR operations".

Kaijo Jieitai (NY)

Work on the DDH-183 Izumo has started, a photo on the net showed the entire bridge structure covered in scaffolding. As reported earlier the former helicopter carrier is being converted into a light aircraft carrier, capable of F-35B operations.

ATS = Kyoiku Kokutai

P-1

5504	3 Kokutai	ex IRAN	4	aug20
5525	1 Kokutai	ex 3 Kokutai	25	aug20
5528	Kawasaki HI	f/n, test Gifu	28	jul20
5529	Kawasaki HI	f/n, under tow Gifu	29	aug20

P-3C

5076	203 ATS	no unit no. ex 5 Kokutai	9073	jul20
5081	5 Kokutai	ex IRAN	9078	jul20

Orion 5076 was seen at Shimofusa.

UP-3D

9163 91 Kokutai IRAN? at RJTA 3003 aug20

Was seen in a line of Orions on the Nippi Industries platform at Atsugi.

Kaijō Ho'an-chō (CG)

Beech 350

JA866A/MA866 2nd Region ex 1st Region FL-218 jul20

Seen with another Hiragana name on the nose, Hakutaka, indicating a change of Region.

Falcon 900MSA

JA8570/LAJ570 to N900KW ex 11th Region 53 jan20

Also the second Falcon 900MSA received a US registration, noted in August 2020 at Naha. It left soon after the new registration was applied.

Laos

Laos People's Liberation Army Air Force (AF)

An-2P

RDPL-34025 new jul20

Pakistan

Pakistan Fiza'ya (AF)

AW139

18-014 nn f/n, ex Leonardo o/o aug20

This likely CSX81944, confirmation would be welcome!

FT-7 (JJ-7)

89-604 confirmed existence photo

One of an early batch of JJ-7s that were loaned to Pakistan by China. So, that also means there is no FT-7P 90-604.

JF-17B

19-602 16(MR)sq ex nm, PAC Kamra jul20

19-606 PAC Kamra f/n in video jul20

19-609 PAC Kamra f/n, FY confirmed aug20

At last, the first dual in squadron markings was seen!

MFI-395 Super Mushshak

84-6126 Primary FTW ex MFI-17 84-5126 15.126 nov16

Singapore

Republic of Singapore Air Force (AF)

The F-16D from 145 squadron are all based at Tengah since

February 2020 and are not going back to Changi. The EC120s (see below) are now at Sembawang and after they left Seletar this became a civil airfield. The Fokker 50 MPAs are based at Changi and the UTA models are all based at Paya Lebar.

The Australian Ministry of Defense has confirmed that the Republic of Singapore Air Force (RSAF) will increase the number of CH-47F Chinooks based at the Army Aviation Training Centre at Oakey (Australia). This move is part of a bilateral agreement between Australia and Singapore. It is reported that ten newly built CH-47Fs, part of an unannounced Singaporean order for sixteen helicopters signed in November 2016, will be based at Oakey. The first of the new helicopters are expected to arrive in the first quarter of 2021, by shipment from the US directly to Singapore. Five RSAF CH-47D Chinooks have been based at Oakey under the Oakey Agreement between the two countries since 2018. It allows up to sixteen helicopters to be based in Australia for pilot training at any given time. The agreement was signed in October 1996 and included provision for up to twelve Airbus Helicopters AS332M/M1 Super Pumas to be relocated from Singapore to the Army Aviation facility at Oakey, with an option to include Chinook helicopters at a later date. The Oakey Agreement came into effect with the arrival of the first helicopters in September 1998. The Super Pumas have since returned to the island nation, replaced by the five CH-47Ds. It is not yet clear what will happen to the five CH-47Ds currently at Oakey once the new helicopters are delivered. The RSAF currently has six CH-47D and ten CH-47SD Chinook transport helicopters in their inventory. The Chinooks are operated by 127 Squadron at Sembawang (Singapore), with the mentioned detachment of five D-models at Oakey (Queensland, Australia) for training.

KILG = Wilmington/New Castle (DE), United States

WSAG = Sembawang

CH-47F

88160 o/o, as N271GG f/n KILG M2071 jul20

As far as we know the RSAF ordered eight CH-47F Chinooks, however according to the FAA Registry sixteen CH-47Fs have been registered in this range. These are N271GG to N286GG (c/n M2071 to M2086). These may all be destined for



The Fuerza Aerea Ecuatoriana ordered six H145M to replace their ill-fated Dhruv Indian knock-offs. First one emerged from the factory last month in a stunning, almost Swedish, camouflage scheme. Operating unit will be Escuadrón de Combate 2211 'Cobras' at Guayaquil. With the recently acquired four AW119Ke that were recently delivered, this will give a boost to the capabilities of the FAE. (Donauwörth, 28 July 2020, Patrick Dirksen)



In July there was a spell when Marseille was not plagued by COVID-19 and holiday making there was possible. Airbus Helicopters is working on a big order for Kuwait. Seen here is H225M 620, one out of an order for 30. (Marseille/Provence, 9 July 2020, Django Bruinink)

Singapore.

EC120B

9205	124sq	ex 9V-RWF	1449	aug20
9206	124sq	f/n WSAG, ex 9V-RWC	1451	aug20

We assumed the EC120s of the RSAF were no longer active because most of them were last noted August 2008. However this month suddenly three EC120s were noted at Sembawang, including a "new" one, number six. The 9203 was noted in a green/green colour scheme, while the 9205 has a white colour scheme and the first note, the 9206, has a blue colour scheme. The 9205 has already switched several times between its civil registration, 9V-RWF, and 9205 in the past, now it is back with 124 squadron again.

South Korea

Dae Han Min Guk Gong Gun (AF)

South Korea has decided it will buy the F-35B and will operate these from a new aircraft carrier to be build and commissioned in the next decade. The acquisition of the F-35B has priority over additional F-35As, however an extra twenty F-35As (making a total of sixty) are to be procured at a later date. As the RoK Navy has no fast-jet experience, we think the F-35Bs will be operated by the RoKAF.

The RoKAF unit which will operate the RQ-4 Global Hawks is rumoured to be newly established 39th Reconnaissance Squadron. It is planned it will also operate the indigenously developed KAL KUS-FS, a mid-altitude UAV which has been selected for both army and air force.

KF-5E

10-573	10 FW?	nb after o/h	KE1016	may20
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KF-16C-52

93-059	19 FW	(R)KF-16C, no badge	KC-39	jun20
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Said to be another recon modified F-16C.

F-86F-30-NA

52-4515	Yeonmu-eup	Sunshine Land	191-211?	jul20
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A picture on Airliners.net gave the above construction number information as indeed our own USAF database gives as tie-up. We are unable find any info for this serial as being transferred to the RoKAF or proof otherwise. It is located at a theme-park near Nonsan called Sunshine Land and this park also has a UH-1H and an F-5F on display.

Han Guk Yuk Gun (AR)

The army retired the last of its UH-1Hs. As with most RoK Army types, details on units and bases are sketchy but we have some 180 UH-1Hs in our data-base as having operated with the army.

Thailand

Police (PO)

DHC-6-400

36973	for Police	correction Scramble 495, page 60.
36980	for Police	ex N980VK 980

Latin America

Argentina

Fuerza Aérea Argentina (AF)

A-4AR

C-925	G5C	w/o 05aug20
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Brazil

Força Aérea Brasileira (AF)

SC-105

...	Airbus Military	o/o, f/n in primer	195	jul20
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Should be the last of three SC-105s ordered in 2016 for delivery 2017 onward.

E-99M

6702	Embraer	upgraded ex E-99	145263	jul20
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The first upgraded E-99 was painted 24 July 2020 and will be redelivered to 2°/6°GAv shortly.

TF-33A

4331	pr Mairiporã, SP	ex nn	7290	may20
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This T-bird is with the Museu de Arqueologia Industrial, also known as Instituto Mairiporã or Instituto Thomas Cruz. And it has been there for ages, at least since 2004 but probably much longer; S23.33440°, W46.58040°. The museum has old trains and cars as well. This village also houses an unknown P-16 in a paint ball park. Mairiporã is just North of São Paulo city, about 20 kilometres from Guarulhos Intl....

H-1H

8654	pr Panambi, RS	ex std PAMA-AF		sep19
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It is located at the Museu Militar Brasileiro in this Rio Grande do Sul town.

Aviação do Exército (AR)

HM-4 (H225M)

EB-5012	1°BAvEx	del 28jul20	/BRA036	jul20
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The previous one for the army was delivered in October 2018.

Colombia

Fuerza Aérea Colombiana (AF)

The air force has chosen the Leonardo AW139 as its new presidential helicopter. The AW139 will replace Bell 412EP FAC0006, which was written off on 25 October 2019. Insur-

ance money will be released and is sufficient to buy a second-hand AW139 from Colombian company Helistar, which operates a few of the type since 2014. The President also has UH-60L (mod) FAC0007 available for use. Leonardo finally broke the US monopoly on military helicopters in Colombia, bar the navy.

Dominican Republic

Fuerza Aérea de República Dominicana (AF)
MDSI = San Isidro

Late July, the FARD inaugurated a new museum park near the gate of San Isidro. Beside AT-6D 1054 (as "1051" ex "1031"), O-2A 1702 (as "1700"), OA-37B 3702, and P-51D 1914, the most famous Dominican aircraft, the rare Curtiss Wright CW19R 9 *Colón* has been added to the collection for public display. The air force was present with overflights during the ceremony.

Falcon 50

.... std MDSI f/n, F-GXMC **190** aug20

After legal issues are solved, this Falcon 50 will be taken on strength with the FARD. It was impounded in an embarrassing drug bust on 5 December 2012, which saw five colonels being taken into custody, and has been stored at San Isidro ever since.

G-II

FAD-1551 f/n, N650KA **50** aug20

With FARD-titles, but with a FAD-serial, this 1969 Gulfstream II was noted at San Isidro in August. The Gulf has been on base for a while, as it was visible on footage from August 2019. It just recently became the new ride of the Dominican President.

Ecuador

The first of the six-strong order for H145M was seen at Airbus Helicopters' Donauwörth plant late July. These were ordered in November 2019 and will be used by Escuadrón de Combate 2211 'Cobras'.

El Salvador

Fuerza Aérea Salvadoreña (AF)
MSSS = Ilopango

Bell 412EP

253 std MSSS ex EdH **36286** 2007

Mid-August, a debate in the local press regarding the costs to repair this Centella, as the Bell 412EP is known with the FAS, took place. Amidst harsh words it was mentioned 253 has been stored already since 2007. For USD 1.8 million it could fly again.

Mexico

Fuerza Aérea Mexicana (AF)

KVCV = Victorville (CA)

MMM = Mexico City/Benito Juarez (CDMX)

B787-9

3523 std MMM ex std KVCV **40695/6** jul20

In case you missed it, the former presidential 787 (ex-XC-MEX) returned to Mexico on 22 July 2020. The President insists it will be sold, either by auction or by raffle.

PC-7

6586 pres Mexico City, f/n, ex Esc Avanzado **591** aug20

This PC-7 in yellow colours was erected next to yellow fellow Stearman 6100 at the FAM HQ in Lomas de Sotelo (CDMX).

PT-13/17

(6100)/100 pres Mexico City f/n, video jul20

The location has been confirmed at the FAM HQ in Lomas de Sotelo (CDMX), refer Scr495.

Armada de México – Fuerza Aeronaval (NY)

Beech C90

ANX-1196 f/n **aug20**

Peru

Fuerza Aérea del Perú (AF)

B737-322

... Esc844/Grupo 8 o/o, ex UR-CRL **24717/1930**

It should arrive this year.

Bo105LSA3

638 Esc315/Grupo 3 ex PNP-114, s/n conf. **2020**

639 Esc315/Grupo 3 ex PNP-116, s/n conf. **2022**

See Scramble 493 - Page 63.

North America

Canada

Royal Canadian Air Force (AF)

The flying ban of the CT-114 Tutor fleet has been lifted by late August. After two accidents in October 2019 and May 2020, the Tutors had been grounded, putting an end to Snowbirds flying demonstrations to lift Canadian spirits during the COVID-19 lock-down. The Snowbirds aircraft remained at Kamloops (BC) ever since and will be flown back to their home base Moose Jaw (Sas). No further displays will be flown this year, the flying programme for 2021 will see a decrease in low and slow flying maneuvers.

By the time you read this, six RCAF CF-188s have been



The Royal Saudi Air Force is receiving a batch of new H215Ms. This is the modern version of the legacy Super Puma. (Marseille/Provence, 9 July 2020, Django Bruinink)



Late on Tuesday evening 11 August, four Saudi F-15SAs made a stop at Lakenheath on their delivery. The last of the bunch, this 12-1084 "Retro74" made a go-around. The other three were 12-1033 "Retro71", 12-1034 "Retro72", and 12-1035 "Retro73". (Rick Sleight)

deployed to Mihail Kogalniceanu (Romania) for NATO air policing tasks. Like the previous deployments, the deployment is expected to last till the end of 2020, with the jets returning home in the first days of the new year.

On 6 August, the second and third CC-295 were handed over to the RCAF at Seville, Spain. It is not confirmed if 295517, which was the first one delivered to Canada as a maintenance trainer, was counted as the first CC-295 handed over.

United States

United States Air Force (AF)

B-1B					
86-0108/EL	37th BS	ex Tinker ALC	68	jul20	
86-0125/OT	337th TES	ex 9th BS	85	jul20	
B-2A					
93-1087/ED	419th FLTS	ex 393rd BS	1020/AV-20	jun20	
B-52H					
61-0014/ED	419th FLTS	ex 23rd BS	464441	jul20	
C-5M					
86-0018	356th AS	ex Marietta-LMTA	500-104	aug20	
KC-10A					
86-0036	309th AMARG	ex 305th AMW	48249/424	jul20	
C-21A					
84-0139	to N587LJ	ex 458th AS	35A-587	jun20	
C-37A					
01-0028	99th AS	ex 65th AS	620	jun20	
KC-46A					
16-46014	77th ARS	new del.	34106/1107/VH011	aug20	
AC-130U					
87-0128	to be presKHRT	ex 4th SOS	382-5139	jun20	
89-0510	309th AMARG	ex 4th SOS	382-5229	jun20	
89-1053	309th AMARG	ex 4th SOS	382-5201	jun20	
89-1056	309th AMARG	ex 4th SOS	382-5205	jun20	
90-0164	309th AMARG	ex 4th SOS	382-5257	jun20	
90-0165	309th AMARG	ex 4th SOS	382-5259	jun20	
90-0167	309th AMARG	ex 4th SOS	382-5262	jun20	
C-130H					
74-1674	142nd AS	ex 186th AS	382-4631	aug20	
C-130J					
11-5740	41st AS	ex 317th AW	382-5740	jul20	
HC-130J					
14-5864	130th RQS	first noted	382-5864	jul20	
17-5901/FL	39th RQS	new delivery		jun20	
17-5902/FL	39th RQS	new delivery		jun20	
KC-135R					
62-3545	Charleston AFB	ex 22nd ARW	18528/T0596		
F-16C					
83-1148/AZ	to QF-16	ex 309th AMARG	5C-31	aug20	

85-1402/TX	to QF-16	ex 309th AMARG	5C-182	jun20
F-22A				
05-4106/AK	525th FS	ex 95th FS	645-4106	jun20
F-35A				
15-5124/HL	421st FS	ex 34th FS	AF-115	jul20
17-5259/HL	34th FS	first noted	AF-201	jul20
18-5351/AK	356th FS	new delivery	AF-?	jul20
F-117A				
82-0799	to Hill Museum	ex storage Tonopah	A4024	aug20
CV-22B				
05-0030	8th SOS	ex 20th SOS	D1011	aug20

United States Army (AR)

Last month we reported details about the departure of 3rd CAB via the Waalhaven, Rotterdam (The Netherlands). This month we can report more details about the arrival of 101st CAB via La Rochelle (France) and Alexandroupoli (Greece). Again a big thank you to the people who took the effort to post details on the Scramble messageboard!

First some generic info about the deployment. Since April 2014, the United States Army in Europe has led Operation Atlantic Resolve, under which US-based forces deploy to Europe on a nine-month rotation basis. They are overseen by 1st Cavalry Division (Forward) HQ at Poznan (Poland). There are three types of deployments: Armored Task Force, Aviation Task Force and Sustainment Task Force. At any given time, there are approximately 6,000 soldiers participating in Operation Atlantic Resolve, and they conduct operations and exercises in seventeen countries. Some additional details, with of course the main emphasize on the aviation component.

Armored Task Force:

* Currently the sixth rotation of an Armored Task Force is in place.

* 2nd Armored Brigade Combat Team (2nd ABCT), 3rd Infantry Division from Fort Stewart (GA) took over responsibility of 2nd ABCT, 1st Cavalry Division from Fort Hood (TX) in February 2020

* Approximately 3,500 soldiers are involved

* Equipment: 85 M1A2 Abrams Main Battlefield Tanks, 125 M2 Bradley Infantry Fighting Vehicles, 40 M1068 Standard Integrated Command Post System Carriers, 15 M109A6 Paladin 155mm Self-Propelled Howitzers, 10 M7 Bradley Fire Support Vehicles, 15 M1064 Self-Propelled 120mm Mortar Carriers and various support vehicles.

* The units are deployed to Bulgaria, Germany, Hungary, Poland and Romania. But they temporary deploy to thirteen other European countries as well for international exercises.

Sustainment Task Force:

* Also referred to as Atlantic Resolve Logistical Rotation, and currently the fifth rotation is in place.

* In total eleven Active Duty, Army Reserve Command and Army National Guard units are involved under 286th Combat Support Sustainment Battalion and 330th Movement Control Battalion.

* Over 900 soldiers and 160 key pieces of equipment are deployed.

* This includes functions like Military Police, Ammunition Handlers, Movement Control Teams, Maintenance, Truck Drivers, Fuelers etc.

Aviation Task Force:

* Under the name Task Force Troubleshooter, the 101st Combat Aviation Brigade (CAB) of the 101st Airborne Division (Air Assault) from Sabre AHP and Campbell AAF, Fort Campbell (KY) is the sixth aviation task force.

* The unit took over responsibility from 3rd CAB, 3rd Infantry Division from Hunter AAF, Fort Stewart (GA) on 17 July 2020.

* Approximately 2,000 personnel deployed

* 4x CH-47F, 8x UH-60L, 26x UH-60M, 15x HH-60M and 24x AH-64E

* Over 1,800 wheeled vehicles and pieces of equipment

* Deployed to Illesheim AAF (Germany), Stefanovikio (Greece), Lielvarde (Latvia), Powidz (Poland), Mihail Kogalniceanu (Romania) and Incirlik AB (Turkey)

Temporary deployments to other countries take place for operations and exercises in cooperation with eighteen partner-countries. The countries named for temporary deployments are: Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Georgia, Great Britain, Italy, Lithuania, The Netherlands, Norway and Slovakia. Also additional deployments within Germany, Greece, Latvia, Poland and Romania can be expected.

As usual, the Endurance was used to ship the 101st CAB helicopters to Europe. The ship arrived at La Rochelle on 7 July 2020, and after unloading part of its cargo, it continued its journey to Greece. In total 4x CH-47F, 8x UH-60L, 15x UH-60M, 12x HH-60M and 24 AH-64E were disembarked at La Rochelle. These helicopters made their way to Illesheim AAF (Germany) as of 14 July 2020. Not all helicopters made fuel stops at the same locations in France, but Bourges, Chateauroux, Metz-Nancy Lorraine, Nancy-Essey and Nevers-Fourchambault were used. At least one flight with Blackhawks

performed a weather diversion into Ramstein AB.

The following helicopters were offloaded at La Rochelle (France):

UH-60L – A/6-101st AVN

90-26294, 92-26437, 92-26445, 93-26477, 93-26486, 93-26519, 99-26831 and 99-26832

CH-47F – B/6-101st AVN

13-08141, 13-08443, 14-08162 and 17-08238

HH-60M C/6-101st AVN

20680, 20682, 20684, 20685, 20697, 20698, 20699, 20700, 20702, 20759, 20760 and 20767

UH-60M – 5-101st AVN

20029, 20033, 20091, 20183, 20335, 20415, 20430, 20591, 20719, 20720, 20721, 20722, 20733, 20736 and 20748

AH-64D – A/1-101st AVN

14-03022, 14-03024, 14-03025, 14-03027, 14-03028, 14-03039, 16-03086, 17-03118

AH-64D – B/1-101st AVN

14-01003, 14-03021, 14-03029, 14-03035, 14-03038, 16-03093, 16-03101, 16-03012

AH-64D – C/1-101st AVN

14-01006, 14-03031, 14-03032, 14-03036, 14-03090, 16-03092, 16-03104, 17-03129

Note 1: We did not list the FY date for the HH/UH-60M helicopters since it is unclear where the reported data comes from. There are a lot of assumptions out there and we want to avoid listing wrong assumptions as truth. If anyone can actually confirm them (for example from the c/n plate or from official documents) we would gladly hear so. Call signs and flightplans can also provide a good indication, but we have already seen a few examples where the call sign deviated from the full serial as written on the c/n plate... The following were specifically mentioned as confirmed on the MB, although the source of this confirmation was not listed: 07-20033, 12-20591, 14-20680, 14-20684, 15-20719 and 15-20748

Note 2: With the exception of three (14-03031, 14-03032 and 16-03092), all Apaches carried company markings.

Towards end-July 2020, a large number of helicopters departed Illesheim AAF for their new European homes. This included at sixteen Black Hawks and thirteen Apaches which flew to Powidz (Poland). Some of the Black Hawks continued their journey from Poland onwards to Lielvarde (Latvia). The Latvia detachment is led by B/5-101st AVN and press images show at least three UH-60M and a single HH-60M arriving in



Medium grey low-observable paint is applied to this CO bird of 480th FS, 96-0080/SP at Spangdahlem. (30 July 2020, Jeroen Jonkers)



This awesome Senior Span/Spur and ASARS-2 equipped U-2S 68-10337 made daily flights from Fairford, departing 08:00 and returning 17:00. On 22 July 2020 it was captured by Nico van der Steen.

country on 1 August 2020. The remaining thirty-four helicopters stayed at Illesheim AAF (nineteen of which were outside during the weekend 1-2 August 2020).

On 22 July 2020, the helicopters were unloaded at Alexandroupoli (Greece), with various examples being identified on photos in the Greek media and on facebook:

HH-60M C/6-101st AVN
20777, plus two unknown.

UH-60M – 5-101st AVN
20178, 20343, 20723, 20725, 20726 and 20805.

Most likely 20713 and 20807 were also off-loaded but their serials could not be confirmed 100% from these pictures. Three more UH-60M helicopters completely escaped identification.

After all cargo was unloaded, the Endurance continued its journey north again and arrived at Rotterdam on 1 August 2020. The first helicopters and other cargo belonging to 3rd CAB was loaded the same day. Beside the helicopters listed last month, an additional AH-64D Apache arrived at Rotterdam on 29 July 2020. This was 08-05550 from 1-3rd AVN (Ansbach AAF), which sustained damage which could not be fully repaired in Germany. Apparently it was made airworthy for the transit flight to Rotterdam so it could catch a ride back to the Continental United States (CONUS) for either repairs (most likely at the Corpus Christi Army Depot in Texas) or to be inducted into the spares recovery programme at Huntsville (AL) in support of the AH-64E production line.

On 23 July 2020, the United States Army placed another order with Airbus North America for fifteen UH-72 Lakota helicopters. The contract, which is valued at USD 73,999,755, also includes an option for three additional aircraft. The money is drawn from fiscal years 2018, 2019 and 2020. The most interesting detail however is that the type designation was mentioned as "UH-72 D-2 production aircraft". This refers to the BK117D-2, which is better known under its marketing name H145 (EC145T-2). Up until now the US Army has been purchasing BK117C-2 helicopters. The D-2 version features various improvements like two more powerful Arriel 2E engines and improved avionics. The most eye-catching difference however is that this helicopter is fitted with a fenestron, rather than a traditional tail rotor. The US Army will use the designation UH-72B for these helicopters.

Both A/3-142nd AVN NY ARNG (AASF Albany, NY) and B/3-142nd AVN NY ARNG (AASF Long Island McArthur Airpor, NY) received their first UH-60M Black Hawk helicopters on 18 August 2020. In total twenty new Blackhawks will be delivered to these units. They will replace the older UH-60L heli-

copters currently in use.

A/3-10th AVN	Wheeler Sack AAF, Fort Drum (NY)
A/12th AVN	Davison AAF, Fort Belvoir (VA)
B/12th AVN	Davison AAF, Fort Belvoir (VA)
C/12th AVN	Davison AAF, Fort Belvoir (VA)
B/15th MI Bn	Robert Grey AAF, Fort Hood (TX)
5-101st AVN	Campbell AAF, Fort Campbell (KY)
A/6-101st AVN	Campbell AAF, Fort Campbell (KY)
B/6-101st AVN	Campbell AAF, Fort Campbell (KY)
A/1-111th AVN	PR ARNG, AASF Isla Grande Airport, San Juan
A/1-126th AVN	RI ARNG, AASF Quonset State Airport (RI)
Det.1 B/2-135th AVN	CO ARNG, AASF Buckley AFB (CO)
Det.1 G/2-135th AVN	CO ARNG, AASF Buckley AFB (CO)
A/3-142nd AVN	NY ARNG, AASF Albany IAP (NY)
2-158th AVN	Grey AAF, JB Lewis-McChord (WA)
B/224th MI Bn	Hunter AAF, Fort Stewart (GA)
A/3-238th AVN	DE ARNG, AASF New Castle CAP, Wilmington
B(-)/3-238th AVN	OH ARNG, AASF Akron-Canton RAP (OH)
B/305th MI Bn	Libby AAF, Fort Huachuca (AZ)
B/2-501st AVN	Biggs AAF, Fort Bliss (TX)
3-501st AVN	Biggs AAF, Fort Bliss (TX)

MC-12W				
08-00329	B/224th MI Bn	ex B/15th MI Bn	FL-329	oct19

MC-12S				
11-00267	B/224th MI Bn	ex B/305th MI Bn	FL-736	oct19

CH-47F				
04-08708	Det.1 B/2-135th AVN, ex nb		M8708	may20
11-08098	B(-)/3-238th AVN, ex nb		M8098	jul20
13-08141	B/6-101st AVN	ex B/2-501st AVN	M8141	jul20

UH-60A+				
82-23751	Det.1 G/2-135th AVN, ex nb		70574	may20

Most likely this Black Hawk has been upgraded to UH-60L standard.

UH-60L				
90-26259	B/12th AVN	ex nb	701487	aug20
92-26446	B/12th AVN	ex nb		aug20
93-26479	C/12th AVN	ex A/3-238th AVN		aug20
93-26486	A/6-101st AVN	ex nb		jul20
93-26500	C/12th AVN	ex nb		aug20
93-26519	A/6-101st AVN	ex A/3-10th AVN		jul20
96-26704	B/12th AVN	ex nb		aug20
99-26829	C/12th AVN	ex nb		aug20
99-26832	A/6-101st AVN	ex nb		jul20
00-26869	A/1-111th AVN	ex A/1-126th AVN		jul20

UH-60M				
..-20178	5-101st AVN	ex 3-501st AVN		jul20
..-20343	5-101st AVN	ex 2-158th AVN		jul20
13-20635	A/12th AVN	f/n		aug20
13-20636	A/12th AVN	f/n		aug20
..-20723	5-101st AVN	ex 3-501st AVN		jul20

..-20725	5-101st AVN	ex 3-501st AVN	jul20
..-20726	5-101st AVN	ex 3-501st AVN	jul20
..-20736	5-101st AVN	ex 3-501st AVN	jul20
..-20805	5-101st AVN	ex 3-501st AVN	jul20
..-21056	A/3-142nd AVN	f/n	aug20
..-21057	B/3-142nd AVN	f/n	aug20

The two brand new helicopters for 3-142nd AVN NY ARNG were identified based on pictures released by the US Army. On top of that they were visible under call signs "R21056" and "R21057" on Flightaware. They were delivered from NAS Lakehurst (NJ) where they underwent post production modifications.

MH-60M
13-20562 160th SOAR f/n aug20

AH-64D
08-05550 to CONUS ex 1-3rd AVN **PVD550** jul20

United States Navy (NY)
FRCSE = Fleet Readiness Center South East, Jacksonville (FL)

C-130J
170000 Blue Angels d/d 04aug20 **382-5483** aug20

C-130T
164996/RU-996 VR-55 ex BD-996/VR-64 **382-5301** aug20

CMV-22B
169438 VRM-30 **D2004** jul20
169439 Bell f/f 11aug20 **D2005** aug20

E-2C+
164112/600 Norfolk **A52-144** jul20

E-2D
169068 VAW-126 ex JA-602/VX-1 **AA34?** jul20

F/A-18C
164645/AF-403 VFA-204 **1068/C274** jun20
164891/DR-205 VMFA-312 ex DR-211 **1223/C352** jul20

F/A-18E
165538/1 Blue Angels ex FRCSE **1477/E011** jul20
165784/AD-111 VFA-106 **1532/E027** jun20
168913/AD-106 VFA-106 **E272** may20

F/A-18F
166678/AJ-213 VFA-213 ex AC-111/VFA-32 **F156** jul20

EA-18G
166899/NL-542 VAQ-132 ex AF-503/VAQ-209 **G11** jul20
168389/NL-541 VAQ-132 ex NL-514/VAQ-138 **G75** jul20
169220/SD-533 VX-23 f/n **G153** aug20

F-35C
168843/200 NAWDC ex NJ-105/VFA-101 **CF-12** jul20

MH-60S
167843/RB-02 HSC-25 ex WC-41/HSC-23 aug20
168537/NE-617 HSC-4 ex NA-615/HSC-6 **703913** aug20

P-8A
168428/LL-428 VP-30 **40808/3612** jul20
169559/559 VP-30 d/d 04aug20 **66751/7949** aug20

MQ-8B
168447/N23 309th AMARG ex ? **N-23** jul20
168448/N24 309th AMARG ex ? **N-24** jul20

United States Marine Corps (NY)
FRCE = Fleet Readiness Center East, Cherry Point (NC)

UC-12W
169319 Camp Pendleton ex Miramar **FM-61** aug20

KC-130J
166764/QH-764 VMGR-234 ex BH-764/VMGR-252 **382-5564** aug20
169535/QD-535 VMGR-152 del **382-5885** feb20

F/A-18D
165530/ED-17 VMFA(AW)-533 ex CE-10/-225 **1472/D151** aug20
165532/DR-212 VMFA-312 ex DW-532/-251 **1498/D153** jul20

F-35B
168313/MV-58 VMX-1 ex MV-53 **BF-17** jul20
168722/WF-502 VMFAT-502 ex FRCE **BF-24** jul20
169687 nmks del 30jul20 **BF-102** jul20

AH-1W
163931 309th AMARG ex HF-53/HMLA-269 **26256** jul20
165276/YM-34 VMM-365 ex SN/HMLA-167 **26324** aug20
165284 309th AMRG ex ? **26332** jun20
165324/MP-04 309th AMARG ex HMLA-773 **26348** jun20

AH-1Z
169276/SN-46 HMLA-169 **592...** jun20
169496/SM-4. VMM-262 ex SM-55/HMLA-369 **592..** aug20
169813 nmks **592..** apr20
169816 **592..** jun20
169818/HF HMLA-269 f/n **592..** jul20
169822 Bell f/n **592..** aug20

CH-53E
161391/YF-3. HMH-465 ex YP-20/VMM-163 **65448** aug20
161988/YM-24 VMM-365 ex YZ-2./VMM-362 **65465** oct19

MV-22B
165843/YS-10 VMM-162 ex EM-09/VMM-261 **D0029** aug20
168031/YZ-08 VMM-363 **D0161** aug20
168349/EG-09 VMM-263 SPMAGTF-CR A **D0252?** aug20
168626/EG-07 VMM-263 SPMAGTF-CR A **D0281** aug20
168628/ET-09 VMM-262 **D0283** jun20
168629/YT-05 VMM-America ex VMM-164 **D0284?** aug20
168675/YQ-11 VMM-268 ex YP-03/VMM-163 **D0335?** aug20

United States Coast Guard (CG)

HC-130H
1704 Clearwater ex Sacramento **382-4969** jul20

Credits: Danny Bonny, Joost van der Burgt, Ian Carroll, Edwin de Greeuw, Hans Jacobs, Joris Heeren, Andy Marden, Daniele Mattiuzzo, Jeff Rankin, Jos Stevens, Peter Weinert



The US Army Special Operations Command uses the RO-6A, based on the DHC-8-315, for intelligence gathering. This configuration is known as Airborne Reconnaissance Low-Enhanced (ARL-E) and of course they have an acronym for this aircraft category too, Tactical Airborne Multi-Sensor Platform (STAMP). (Glasgow/Prestwick, 10 August 2020, Douglas Connery)

Triptease



At the Otto Lilienthal museum in Anklam, several aircraft are on display. One of them is this TT62 prototype, registered D-IXTT. (26 June 2020, Raymond van Dijkhuizen)

Germany (North and East)

The COVID-19 pandemic resulted in mixing up my pre-planned holiday itineraries: one air show after the other was cancelled, just like other events. I was unable to travel, however I did need to take some leave of work prior to 1 July 2020 before this leave was nullified and void. The Dutch government luckily eased travel restrictions the week prior to my planned leave (end of June) and I was able to go to Germany to tick some boxes off my to do list. It was a pleasant trip with many miles, a lot of history, nature and of course aeroplanes.

During the morning we started to drive to Wittmund via Eelde-Paterswolde. Via various locations and some remnants of the World War II era, like the de U boat in Bremerhaven and the Valatin bunker near Bremen we arrived finally in our hotel in the city of Bremen.

Wittmund Barracks (NI) 21 June 2020

Location: 53.56970215N 7.78117228E

20+86 F-104G preserved
JB+251 CL-13B preserved as JA+112

Visible from outside the gate at the barracks, you can find these two aircraft. The Phantom that is also preserved here was not seen.

Wittmund (NI) 21 June 2020

Location: 53.56804657N 7.78312826E

38+14 F-4F preserved

Directly south of the barracks, at the junction of the Isumer Strasse and the B210 you can find this Phantom.

Jever (NI) 21 June 2020

Location: 53.54082489N 7.88507605E

23+09 F-104F preserved
44+08 Tornado IDS preserved

Preserved at the main gate of this former air base that is still in military use.

Wilhelmshaven-Marinemuseum (NI) 21 June 2020

Location: 53.51305008N 8.14049816E

25+74 F-104G as "22+22"

On top of the entrance of the Marinemuseum this Starfighter is preserved.

Varel (NI) 21 June 2020

Location: 53.40711594N 8.16521549E

(71+14) UH-1D preserved

This Huey is preserved near the harbour, and is painted in yellow colours, without any visible registration.

Nordholz (NI)			22 June 2020
82+55	EC135T1	IHAZ	
N-227	NH90-NFH	860sq	
D-AIWH, D-AIWK	A320-214	Lufthansa	std
D-CGFP	Lj35A	GFD	

The Lufthansa aircraft are in temporary storage and received some maintenance during my visit.

Based

57+04	Do228-212(LM)	MFG3
60+05	P-3C	MFG3
79+52, 79+53, 79+54	NH90-NFH	MFG5
83+03, 83+23	Sup. Lynx Mk88A	MFG5
D-HDDL	EC135P2	MFG5

Temporary based

C-FGZD/367	A-4N	Top Aces, ex IDF 350
C-FGZH/534	A-4N	Top Aces, ex IDF 415
C-FGZI/531	A-4N	Top Aces, ex IDF 413
C-FGZO/532	A-4N	Top Aces, ex IDF 419
C-GITA/040	Alpha Jet A	Top Aces, ex Lw 40+40
C-GLTO/069	Alpha Jet A	Top Aces, ex Lw 40+69

Early in the morning, we travelled to Nordholz to see the aircraft from Top Aces. Usually Top Aces is operating from Wittmund. However, due to some needed maintenance and repair, this base is temporarily closed for flying operations. When we arrived, an Alpha Jet and a Skyhawk were already airborne for their mission(s), but they returned soon. Besides the Top Aces we saw the new NH90 of the Marineflieger, together with some other based Marine aircraft. Also, the Aeronauticum was visited, after which we headed back to our hotel.

Preserved (at gate)

Location: 53.77577591N 8.63906860E

61+06 Br1150
80+59 H-34G as "80+52"

The Atlantic is in front of the air base and can be easily photographed, the H-34 is best visible from the museum side.

Nordholz-Aeronauticum museum (NI) 22 June 2020

Location: 53.77466583N 8.63898945E

Preserved (inside)

20+64	F-104G	cockpit only
61+03	Br1150	fwd fuselage, as "61+21"
43+87	Tornado IDS	tail only

4087

Preserved (outside)

366	Su-22M-4	
388	CM170	ex French AF, as "SC+601"
22+98	F-104G	
43+55, 45+30	Tornado IDS	
54+08	Pembroke C54	
59+19	Do28D-2/OU	
59+22	Do28D-2	
61+14	Br1150	
71+07	UH-1D	
78+16	Sycamore Mk52	as "WE+543"
90+77	FWP149D	as "91+02"
94+01	Mi-8S	
94+14	Mi-8T	
RB+363	Sea Hawk Mk101	
UA+113	Gannet AS4	
VB+134	Sea Hawk Mk100	
D-AXDB	VFW-614	ex BMVg 17+02

Shed (closed to public)

623183/GA+DX Ar196A-5 restoration
 The Aeronauticum has a nice collection of aircraft, with most of them in good condition. The Ar.196 is still in restoration and is now in the open shed at the back of the museum. It can be seen from the museum side.

Nordholz-SFG Nordholz/Cuxhaven (NI) 22 June 2020
 Location: 53.767123N 8.63508E

D-EGFG	L-18C	ex Luftwaffe 96+02
D-EGFR	Do27A-1	ex Luftwaffe 55+36
D-EGZR	Gomhouria Mk.6	ex Egypt AF 347
D-EOBW	FWP149D	ex Luftwaffe 91+36

The Sportfluggruppe at Nordholz has their own area with a grass landing strip. In the big hangar there are some nice historic aircraft, which will fly on a frequent basis.

Bremen (HB) 22 June 2020

9H-GPS	Ce560XL	Luxwing
D-BJUG	EMB550	Atlas Air Service
D-CCVD	Ce560XL	Atlas Air Service
D-CUGF	Ce525B	Suttgarter Flugdienst
G-KRBN	EMB505	Saxonair

Preserved

Location: 53.05335999N 8.79000187E
 D-IOSA PA42-720 ex Lufthansa Flight Academy

This Piper is preserved in front of one of the buildings of the Lufthansa Flight Training School that you can find at the airport.

Oyten (NI) 23 June 2020

Location: 53.05388260N 9.04489803E
 24+03 MiG-21US preserved
 The MiG-21 is here for many years now and looks still good.

Today we travelled to Hamburg-Finkenwerder to have a spotting day near the Airbus facility where the A320 is produced. We hoped to see a couple of operational Beluga aircraft. Due to the COVID-19 pandemic the storage areas were full with aircraft waiting to be delivered to the customers. Soon we saw a Beluga arrive at Finkenwerder, and the already present Beluga took off to another Airbus facility. At the end of the day, we drove back to the Netherlands as I had to interrupt my holiday for one day.

Hamburg-Finkenwerder (HH) 23 June 2020

F-GSTA/1, F-GSTD/4	A300-608ST	Airbus
F-GSTF/5	A300-608ST	Airbus

Stored

D-AUAC	A320-271N	IndiGo	9390
D-AUAL	A320-251N	Pegasus	9393
D-AUBQ	A320-271N	Go Air India	9467
D-AUBS	A320-251N	Loongair	9480
D-AUBX	A320-271N	IndiGo	9489
D-AVVM	A320-251N	Gulf Air	9380
D-AVVV/VT-WJM	A320-271N	Go Air	9218
D-AVXF	A321-271NX	Air Transat	9419
D-AVXQ	A321-253NX	American Airlines	9374
D-AVXV	A321-271N	China Southern	9477
D-AVYA	A321-251NX	China Southern	9266
<u>D-AVYB</u>	A321-271NX	Air Transat	10042
D-AVYO	A321-271NX	VietJet Air	9401
D-AVYP	A321-271NX	Viva Aerobus	9487
D-AVZI	A321-271NX	Turkish Airlines	9326
D-AVZU	A321-271NX	jetBlue	9195
D-AXAM	A320-271N	IndiGo	9542
D-AXAQ	A320-251N	India Air Asia	9525
D-AYAI	A321-253NX	China Southern	9383
D-AYAT	A321-271NX	Aegean Airlines	9553
D-AYAZ	A321-271NX	IndiGo	9236
D-AZAF	A321-271NX	jetBlue	9377
D-AZAI	A321-251NX	Air Arabia	9265
F-WWSO	A380-861	Emirates	261
HL8394	A321-251NX	Air Busan	9289
HZ-NS28	A320-251N	FlyNas	9428
TC-RBE	A321-251NX	Pegasus	9462
VT-JJN	A320-271N	IndiGo	9094



At Nordholz the German Naval Aviation Service is concentrated. D-HDDL, an EC135P2, is used by Marinefliegergeschwader 5. (22 June 2020, Raymond van Dijkhuizen)

VT-ISK	A320-271N	IndiGo	9461
VT-IUO	A321-271NX	IndiGo	9285
VT-IUT	A321-271NX	IndiGo	9301

Airbus has scaled down the production, and therefore it is not that busy with Beluga transport aircraft as before. The Beluga XL is still not flying to Finkenwerder, because of noise restrictions.

On 25 June, after a good night's sleep and finishing some work related issues the previous day, we drove back to Germany. This time Laage was our destination, here we hoped to see some Typhoons in the afternoon wave. Luckily, we arrived with time to spare (and see the stored Airbus aircraft). At 15:00 one Typhoon got airborne for the afternoon wave. However, as some thunder and lightning was seen a couple of villages away, the afternoon wave got cancelled. We left after this and we went on the road again to Prora, where the huge *Kraft durch Freude* holiday colony is still in existence. During the travel to prora we stopped at some pre determined locations during our travelling. Finally we went from Prora to Stralsund for our hotel.

Rostock-Laage (MV)			25 June 2020
30+01, 30+20, 30+35, 31+26	EF2000(T)	TLG73	
30+49, 30+56	EF2000	TLG73	
D-CPWF	Do328-110	PrivatWings	
D-GYHL	DA42		
D-ILHD	Ce525	Lufthansa Flight Academy	
N850SF	TBM-850		
OE-GLL	Ce550	Jetfly	

Stored

D-AUAI/P4-KBK	A320-271N	Air Astana	9459
D-AUBA	A320-214SL	Chengdu Airlines	9319
D-AVVX	A320-251N	China Eastern	9219
D-AVXE	A321-271N	Air China	9345
D-AVXR	A321-251NX	Asiana	9226
D-AVXS	A321-253NX	China Southern	9325
D-AVXW	A321-253NX	China Southern	9288
D-AVYD	A321-253NX	Chongqing Airlines	9365
D-AVYM	A321-253NX	Chongqing Airlines	9008
D-AVZC	A321-253NX	China Southern	9168
D-AVZZ	A321-271NX	IndiGo	9336
D-AXAG	A320-251N	China Eastern	9268
D-AXAO	A320-214SL	Chengdu Airlines	9279
D-AYAS	A321-253NX	China Southern	9048
D-AZAA	A321-253NX	China Southern	9240
1x	A320		

All aircraft mentioned at "stored" header, are temporary stored. Laage is used as overflow for the Airbus facility at Finkenwerder, as the company is struggling to have sufficient parking space there. The other storage overflow locations are the airports of Erfurt and Dresden.

Preserved (at military side)

Location: 53.92176437N 12.29491329E

38+73 F-4F

Visible from the civilian terminal in front of the 2. Staffel HQ building.

Preserved (inside terminal)

Location: 53.91410828N 12.28599644E

DDR-1670	Grunau Baby II		
1x	He178		replica
1x	CeF150		

Inside the terminal building there is also a kind of museum about the air base and the based aircraft. The collection consist mostly of pictures and parts of airplanes but there are some airframes preserved.

Grimmen-Technikpark (MV) 25 June 2020

Location: 54.12577820N 13.05819988E

Preserved

(479)	MiG-21SPS-K		
93+75	Mi-8T		

(94+81)	Mi-2		
SP-FNM	VEB-14		as "DM-SAD"

In the Technikpark at the Stoltenhagerstrasse you can find these four aircraft. The Mi-8 is relatively new here.

Prora-Eisenbahn- und Technik Museum (MV) 25 June 2020

Location: 54.445531N 13.566881E

Preserved

D-5091	L-Spatz 55		
1x	An-2		

The Eisenbahn- und Technik Museum has a few aircraft on display. Inside the museum there must be a MiG-21 and a Bo105, but they are not visible from outside. The L-Spatz is inside and visible from the gate of the museum and in the garden left of the museum an An-2 in East-German Air Force colours is preserved.

Wolgast (MV) 26 June 2020

Location: 54.04738617N 13.75213623E

Preserved

458	An-2T		
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The An-2 is just west of the town centre at the B111. It is preserved at an Opel dealer in the open air.

After breakfast we left Stralsund and we started to head for Berlin. The idea was to visit as much as possible of the larger W&R locations in this area. Also we visited Peenemünde, while Zehdenick was the last location to visit. At this town, you can find a large private aircraft museum. Finally we went to our hotel at the Alexanderplatz in Berlin and we did some tourist stuff in the city.

Peenemünde (MV) 26 June 2020

Location: 54.15135193N 13.77626133E

(193)	Il-28U		std
230	MiG-21US		pres

The MiG can be found near the entrance of the airfield together with a KS-1 Komet bomb. The Ilyushin is still stored at the airfield and is difficult to see during summertime.

Anklam-Otto Lilienthal Museum (MV) 26 June 2020

Location: 53.83654404N 13.68041039E

Preserved

D-FONG	An-2TD		ex NVA 863
D-HOAG	Ka-26		
D-IXTT	TT-62		
DDR-TED	PZL-106		

At Anklam you can find the Otto Lilienthal museum. In front of the museum you will find the TT-62 and PZL-106. The other aircraft are located at the airfield.

Neuenkirchen-IG Luftfahrt Neuenkirchen (MV) 26 June 2020

Location: 53.59612656N 13.37046528E

799	An-2TD		std
D-ITTX	TT-62		std

Preserved

139	L-39ZO		as "12"
402	MiG-17F		as "009"
362	Su-22M-4		
781	MiG-21MF-75		
20+10	MiG-23ML		
31+62	G-91R/3		
93+86	Mi-8TB		
94+57	Mi-2S		
07 red	Su-7U		
D-ESLW	Zlin 37A		
DDR-SPW	Ka-26		ex Hungarian AF 404

The museum was closed due to the COVID-19 pandemic. However, all aircraft that are outside can easily be seen.

Neubrandenburg (MV) 26 June 2020

N50G Cirrus SF50 Progress Solutions

Rechlin-Lärz (MV) 26 June 2020

D-FMMM	PA-46-M500		
D-HANK	H269C		S.P. Luftbild

Lärz-Rechliner Luftfahrtmuseum (MV) 26 June 2020
 Location: 53.30032730N 12.74107838E
 32+99 G-91R/3 as "35+99" std

Preserved

07 MiG-17F
 (23+96) MiG-21U-600
 61+05 Br1150
 94+10 Mi-8TB
 D-EOXS PZL104-35A
 D-ILHA Beech C90 ex Lufthansa Flight Academy

This museum has many bits and pieces inside a building. Outside you can find a small collection of aircraft that are mostly in a good condition.

Rechlin-Luftfahrttechnisches Museum (MV) 26 June 2020
 Location: 53.35050583N 12.72668839E

Preserved (hall 1)

905 Lim-5
 950 MiG-21PFM
 2 rd Gotha P-60C replica
 KA+1-52 DFS-230A replica
 RP+UQ Do335 replica

Preserved (hall 2)

152/17 Fokker Dr1 replica
 0433 Junkers F13 replica
 603/15 Fokker E3 replica
 1x Etrich Taube replica
 1x Fokker D7 replica, open frame
 1x Junkers D1 replica
 1x Schuckert D3 replica

Preserved (hall 3)

1x HA1112M1L as Lw "10575/4 yellow"
 120067/4 white He.162A
 9-554 SG-38
 7775/18 Fokker D7 replica
 (280931) Ar234B-2 cockpit only
 210983 Fi103R replica
 1x Fw.189V2 cockpit only
 1x Ta154V-3 replica, forward fuselage
 1x Ju388L-1 cockpit only
 1x Me262 replica

Preserved (hall 4)

1x Mi-1 front section only

Preserved (outside)

25+48 Su-22UM-3K

328 Mi-2F
 332 MiG-23ML
 387 Mi-24
 902 Mi-8T
 8705 MiG-21bis

You can find the museum in the settlement called Hafendorf of the Rechlin municipality. The museum has many aircraft inside. The aircraft inside are from the timeframe 1910-1945 (except for the Lim-5 and MiG-21), while the aircraft outside are from after 1945. The museum has also replicas of aircraft I never saw before, and most of them have original parts included.

Zehdenick (BB) 26 June 2020
 Location: 52.98695374N 13.30516624E

Preserved

0701	Mi-24V	ex Czech
5304	MiG-21MF	ex Czech
<u>BB+130</u>	CL-13	ex Germany as "JA+130"
JC+102	CL-13B	ex Germany
38+49	F-4F	ex Germany
(EA+315)	RF-84F	ex Germany
21+12	RF-104G	ex Germany
99+03, 99+10	G91R/3	ex Germany
34+55	G91T/3	ex Germany
970	Mi-8PS	ex Germany 93+16
93+39	Mi-8PS	ex Germany
579	MiG-21M	ex Germany 22+84
229	MiG-21UM	ex Germany 23+60
22+44	MiG-21SPS	as NVA "353"
20+58	MiG-23UB	ex Germany AF
(43+30), (44+53)	Tornado IDS	ex Germany AF
0815	Mi-2T	ex Poland
156	Mi-24D	ex Poland
8907	MiG-21MF	ex Poland
5710, 9298	MiG-21UM	ex Poland
459	MiG-23MF	ex Poland
6264	Su-20	ex Poland
3215, 3216, 3618	Su-22M-4	ex Poland
53 Blue	Su-7BM	as Soviet AF "01 Red"
57 rd	Mi-8T	ex Soviet AF as "D-PATZ"
D-ESUX	Zlin 37A	

You can ask at the ticket office if it is possible to make some pictures and then you are free to move around the property. The collection is large, and has a line of nice preserved aircraft. However, aircraft in the back of the property are in need of some attention.



The original factory of Hugo Junkers, in Dessau, has been transformed into a museum. An original Junkers Ju52/3m with registration D-6134 has been preserved here. At the museum, not only aircraft can be found. Other fields of engineering in which Prof. Hugo Junkers was involved, like central heating and house building, have earned their space to be exhibited as well. (27 June 2020, Raymond van Dijkhuizen)

27 June started early with a visit to a W&R location near Berlin. As I visited already the important W&R sited in Berlin, we could skip this city. Today we drove further on to Leipzig. Between these cities we visited as a break from travel, some W&R locations in between were visited. At Leipzig we visited the local airport. Also visited was the museum at Altenburg. Unfortunately, the weather turned a tad worse, the museum in Altenburg was visited fifteen minutes before closure in pouring rain. After the visit we travelled to Jena for our hotel. Borkheide-Hans Grade Museum (BB) 27 June 2020
Location: 52.23089218N 12.85048676E

Preserved

D-EOYX Zlin 37A-2
D-HOAJ Ka-26
DDR-STE Il-18V

This small museum is just south of Berlin. It is open on specific dates and times. However, the aircraft can be easily seen from outside the gates.

Dessau-Technikmuseum Hugo Junkers (ST) 27 June 2020
Location: 51.83563995N 12.20884228E

Preserved (inside)

16 red MiG-15UTI
28 red Yak-27R as Soviet AF "77 red"
D-0280 Spatz A
D-6134 Ju52/3mg4e
D-8245 SZD-9bis
DM-2052 Lommatzsch Meise
1x Junkers F13 replica
1x Junkers J1 replica

Preserved (outside)

127 Su-22UM-3K 17532367003
258 MiG-21U-400
585 MiG-23MF
25+09 Su-22M-4
D-HZPE Mi-2 539811066
DM-SAF VEB-14P

Stored

(75+26) SE3130 without cockpit
D-FWJD An-2

This museum is housed in the old factory of the Junkers aircraft company. The collection in the museum is dedicated to all the machines that Hugo Junkers built and this is more than only aircraft. The highlight of the collection is the original Ju52. You can find the museum on the Kühnauer Strasse 161 just west of the city, near the airfield.

Merseburg-Lufffahrt- u. Technik Museum (ST) 27 June 2020
Location: 51.35937500N 11.97202587E

Preserved (inside)

5290/18 Fokker D7 replica
779 MiG-21SPS ex NVA, fuselage only
(55+47) Do27B-1 ex Germany
(32+11) G91R/3 ex Germany, nose only
VD+ER Me163B replica
75+28 SE3130 ex Germany
WB533/DA Devon C2 ex United Kingdom
D-1552 Bergfalke II/55
D-2257 SZD-32A
D-5480 SB5
D-5526 Av-36C
D-8231 SZD-9bis
D-8380 Bergfalke II
D-4662 Ka-4
D-EGEA Do27A-4 ex 56+74
D-ESRF Zlin 37A
D-EWRH PZL-104-35A
D-HGYR Schuffenhauber
D-KALR KA4
D-KNPF Knechtel KN-1
D-MBNN Wildente 2
DM-1634 Grunau Baby
F-BSEI Zlin 526

HA-MHL An-2R
OE-5 Pilatus B4
1x Fokker D6 replica
1x Fokker Dr1 replica
1x Curtiss Model D replica
1x KS-1 Komet

Preserved (outside)

EB+119 RF-84F as "EB+368"
21+56 F-104G
24+54 F-104G std
31+78 G91R/3
390 Mi-8T
670 MiG-21MF
673 MiG-21MF
725 MiG-21SPS
829 MiG-21SPS
75+86 SE3130
(3065) VEB-14
DDM-SEC Il-62
DDR-SCZ Tu-134A ex NVA 177

The museum has an interesting collection of aircraft. The Il-62 is in use as a restaurant and biergarten (Beer garden) at the museum grounds.

Merseburg (ST) 27 June 2020
Location: 51.36528397N 11.98072815E
(A16) SE3130 pres., ex Belgium

Pole mounted as a billboard for the museum is this Alouette II that can be found on the corner of road 19 and the entrance road to the museum.

Wallendorf (ST) 27 June 2020
Location: 51.35988235N 12.06687546E
(D-ESVA) Zlin 37A preserved

In some gardens near the B181 road, just west of the village you can find this Zlin.

Leipzig (SN) 27 June 2020

DHL hub

D-AEAH, D-AEAK, D-AEAL A300B4-622RF EAT Leipzig DHL c/s
EI-OZL A300B4-622RF ASL Al. Ireland DHL c/s
G-DHKP B757-223F DHL Air
G-JMCR B737-4Q8F West Atlantic DHL hybr. c/s
S5-ABW A300B4-605RF Solinair a/w, n/t
TC-MCC A300B4-622RF MNG

Platform near terminal

EC-MEY B737-476F DHL
SE-RLB B767-232(BDSF) West Air Sweden
SP-KPE Saab 340A SprintAir

Southern platform

D-ACLO B737-4H6F CargoLogic Germany
RA-82045 An-124-100 Volga Dnepr
1x An-124 Volga Dnepr

Preserved

Location: 51.42215347N 12.22345924E
DM-STA Il-18V

The Ilyushin is preserved just outside of the terminal and is wearing the classic (East German) Lufthansa colours.

Leipzig-Lindenau (SN) 27 June 2020

Location: 51.32919693N 12.32662010E

DDR-STB Il-18V preserved

The Il-18 is on top of a building that is in use as event venue and oldtimer museum with the name of "De Capo". It can be found on the western part of the city.

Leipzig-Lössnig (SN) 27 June 2020

Location: 51.30975723N 12.39277744E

DDR-SEF Il-62 preserved

The Ilyushin is in use as restaurant Regenbogen. The Il-62 has the colours of Interflug and is in a very good condition. The aircraft can be found at the Arno-Nitzsche-Strasse 43.

Altenburg-Nobitz (TH) 27 June 2020
D-EWNA Zlin 42MU n/t

Altenburg-Nobitz (Flugwelt Museum) (TH) 27 June 2020
 Location: 50.98203659N 12.51723003E

Preserved (outside)

742	MiG-21SPS	ex NVA
61+12	Br1150	ex Germany
BB+374	F-104F	ex Germany
60 blue	MiG-21SMT	
D-2428	IS-29D	
DM-SNN	Zlin 37	
DDR-VGI	Mi-2	

Preserved (outside, museum garden)

51+02	C-160D	ex Germany
99+41	G91T/3	ex Germany
(98+17)/14	Su-22M-4	ex Germany
D-9539	CL-13B	
D-HAUD	S-58C	
CCCP-19425	Ka-26	
HA-MDS	An-2R	

The museum is located at the airfield of Altenburg. Inside the museum you find items like weapons, pictures and parts of aircraft. Outside the museum are some planes preserved at a small grass strip. The other aircraft are in a big green museum garden, just in front of the museum.

Blankenhain (TH) 27 June 2020

Location: 50.80006790N 12.28424454E

DDR-SOB Zlin 37 preserved

This Zlin 37 is preserved in the backyard of a museum. It can be seen from outside and can be found at the Lindenallee.

We woke up a bit early, therefore having our breakfast a bit earlier than usual. Today we drove along various B-classified roads visiting W&R locations. We planned to finish today at the border museum in Bad Sooden. At this facility you can find various helicopters, and also of importance: the former border between East and West Germany is partially intact, giving visitors an insight how this structure looked in the days of the Cold War. Once the visit was completed, we drove to Hannover for a final sleep in Germany.

Miesitz-Autohaus Griep (TH) 28 June 2020

Location: 50.73962402N 11.83454323E

23+41 MiG-21MF-75 preserved

This MiG-21 can be found at Autohaus Griep at the Ortstrasse 7 in this town.

Neustadt an der Orla-Technikmuseum (TH) 28 June 2020

Location: 50.73554611N 11.76230621E

(93+61) Mi-8TVK preserved

In the back of the Technik museum you can find this Mil Mi-8. It can be seen from the gate, at the right side of the entrance.

Saalfeld (TH) 28 June 2020

Location: 50.65977478N 11.38130474E

0542 Mi-2M preserved

On the roof of a building you can find this ex Polish Mi-2.

Erfurt (TN) 28 June 2020

D-AUAE	A320-271N	Air China	9402
D-AUAK	A320-271N	HK Express	9416
D-AUAL	A320-251N	Pegasus	9393
D-AUAM	A320-251N	SaudiGulf	9357
D-AUAS	A320-271N	S7	9423
D-AUAX	A320-271N	Scoot	9414
D-AUBE	A320-271N	Air China	9420
D-AUBH	A320-271N	Volaris Airlines	9475
D-AUBY	A320-271N	Sichuan Airlines	8836
D-AVVJ	A320-251N	Capital Airlines	9199
D-AVXJ	A321-271NX	IndiGo	9347
D-AVXM	A321-271N	Sichuan Airlines	9350
D-AVXU	A321-253NX	China Southern	9441
D-AVYC	A321-253NX	China Southern	9267
D-AVZE	A321-253NX	China Southern	9302
D-AVZY	A321-271NX	Vietjet	9364
D-AYAJ	A321-271NX	Air Transat	9278
D-AYAW	A321-253NX	China Southern	9311
D-AYAY	A321-251NX	Azul	9366

D-AZAK	A321-271NX	IndiGo	9298
D-AZAR	A321-251NX	Vistara	9297

All the Airbus are here in temporary storage, as there is no more space available at Hamburg-Finkenwerder.

Preserved

Location: 50.97668839N 10.95770073E

DDR-STG Il-18V

This Il-18 is on the left side of the terminal building and is in use as a classroom.

Sömmerda- Dermsdorf (TH) 28 June 2020

Location: 51.19760132N 11.19798756E

Preserved

251	MiG-21U-400	
289	MiG-21U-400	
682	Su-22M-4	
(22+29)	MiG-21SPS	ex Germany

At the local airfield are some stored or preserved aircraft. The MiG-21SPS has an red c/s and has a fixed place. The other aircraft are at the airfield in the grass.

Obermehler-Schlotheim (TH) 28 June 2020

Location: 51.25387573N 10.65483284E

D-HOZC Mi-8T preserved

This Mi-8 is preserved at the roof of restaurant "Zum Hub-schrauber". It is a former Landespolizei helicopter from the State of Brandenburg.

Bad Sooden-Allendorf-Grenzmuseum (HE) 28 June 2020

Location: 51.28579330N 9.99380398E

Preserved

307	Mi-2	ex NVA
752	Mi-8TB	ex NVA, ex 93+84
87+82	Bo105M	ex Heeresflieger
(01 yellow)	Mi-24V-1	ex Soviet AF
D-HAQL	UH-1D	ex Bundesgrenzschutz
D-HBJA	SE3130	ex Bundesgrenzschutz

The Grenzmuseum Schliffersgrund does give a good overview at the Cold War era, when the inner German border still existed. The museum has many pictures, documentation and cars. Beside this, they also have a few helicopters that were active in the border area during the Cold War.

Teistungen-Grenzland Museum Eichsfeld (TH) 28 June 2020

Location: 51.48284531N 10.26177788E

Preserved

D-HBJM SE3130 ex Bundesgrenzschutz

This Alouette II is preserved at the Grenzland museum Eichsfeld that is near a border post when Germany was still divided.

Göttingen (NI) 28 June 2020

Location: 51.55000305N 9.92157364E

(31+97) G91R/3 pres., ex German AF

This Fiat is with firma Resebeck, a metal recycling company at Im Rinschenrott 2-4. The G91 is not in the best condition.

It is pole mounted near the public road.

Hildesheim (NI) 28 June 2020

Location: 52.17183304N 9.95528793E

1x Mi-2 preserved

At a paintball field you can find this still unknown Mi-2.

After breakfast we travelled towards the regional airport of Hannover. After our visit to this facility we went on to Wunstorf for their A400 aircraft. After this stop we went to the Hubschrauber museum of Buckeburg and to a family fun fair North of Bad Oeyenhausen for a Noratlas. After the Noratlas was photographed, we drove back to the Netherlands.

Hannover (NI) 29 June 2020

C-GYUK	B737-8K5	Sunwing Airlines
D-AHFT, D-ATUE, D-ATUF	B737-8K5	TUI
D-ASUN	B737-8BK	TUI
D-ATUN	B737-8K5	TUI
D-CAWB, D-CAWR	Ce680	AeroWest Flugcharter n/t



At Nordholz you can find a Sportfliegergruppe (sports flying association) which operates some former military trainers and liaison aircraft. The Heliopolis Gomhouria was produced in Egypt and this seems a bit odd as the other former military aircraft have a German origin. Until you realize the Gomhouria it is a license build Zlin Z381, which is in turn a non-license development from the Bücker Bü181 Bestmann, as production continued after World War 2 for the Czechoslovak Air Force by the Zlínské letecké závody. It is in Egypt AF markings as 347, and entered into the German civil aircraft register as D-EGZR. (22 June 2020, Raymond van Dijkhuizen)

D-HDSO	H145	DRF Luftrettung	58-5348	OH-13H	ex US Air Force
M-UNIS	Global XRS	Lapwing	55-4109	OH-23C	ex US Air Force
TC-TJU	B737-8HX	Corendon	62-4547	HH-43F	ex US Air Force

Grossenheidorn (NI) 29 June 2020

Location: 52.45487213N 9.40089130E

(58+70) Do28D-2 fuselage only std

This Dornier is in use as a kind of garden house. It is in a private garden under mesh netting. The village is very close to Wunstorf Air Base.

Wunstorf (NI) 29 June 2020

LTG62 (A400M)

54+02, 54+09, 54+11, 54+13, 54+15, 54+17, 54+25, 54+27, 54+34

Preserved

(50+60)	C-160D	as "L+LX"	52-5348	OH-23C	ex US Air Force
Wunstorf-Ju52 Halle (NI)			55-4109	HH-43F	ex US Air Force

Location: 52.46141052N 9.41272640E

Preserved

66	N2501	ex FAF, as "GR+248"	62-4547	TH-55A	ex US Army
6693	Ju52/3mg4e	ex Germany, as "DB+RD"	67-16955	Mi-1	ex Soviet
51+07	C-160D	ex Germany	CCCP-05712	Bo103	
58+95	Do28D-2	ex Germany	D-9505	SM-67	
90+44	FwP149D	ex Germany	D-9506	Bo46	as "D-9514"
70+68	UH-1D	ex Germany	D-9515	VFW H-3	
(93+03)	Mi-8T	ex Germany, ex NVA 400	D-9543	Fw61	replica

The Ju52 Halle is near the entrance to Wunstorf AB. Because of COVID-19 it was unfortunately closed. All aircraft can be seen from outside, with the Ju52 and Do28 inside the museum building.

Bückeburg-Hubschaubermuseum (NI) 29 June 2020

Location: 52.26133728N 9.04636192E

Preserved

(FR8)	SO1221S	ex France	D-EKRA	Havertz ZS5	
(80+22)	Bo105M	ex Germany, as "D-HTDM"	D-HAJU	Bo105	
87+75	Bo105P-1	ex Germany	D-HAJY	Bo108	
70+51	UH-1D	ex Germany	D-HBEC	BK117	
83+07	H-21C	ex Germany	D-HBKA	Ka-26	
81+09	H-34G	ex Germany	D-HOAL	Air and Space 18A	
556	Mi-2	ex NVA	D-HOBB	Krauss TRS-1	
75+05	SE3130	ex Germany	D-HOKY	SA330J	
76+92	SE3130	ex Germany, as "75+01"	ST-AXU	Bo102	
78+20	Sycamore Mk52	ex Germany	1x	Bo103	
(98+23)	EC665	ex Germany	1x	VFW H-2	
V-247	SA319B	ex Swiss AF	1x		
XN348	Skeeter AOP12	ex United Kingdom			

In the historical town centre (Altstadt) at the Sablé-Platz in Bückeburg you can find this museum. They have a nice collection of helicopters that is placed in a tight space.

Minden-Uphausen (NI) 29 June 2020

Location: 52.26224518N 8.84310246E

(52+41) N2501D preserved

In the Bergkirchener Strasse 99 you will find amusement park Potts Park. From the carpark you can see this aircraft.

30 June was already the last day of my first Germany trip this holiday. Early in the morning we drove to Liège to have a peek over the fence. From Liège it was on to Maastricht Aachen Airport and via Maasbracht we finally went for the US Army helicopters and A330 to Eindhoven. Editors note: the logs of Liège, maastricht and Eindhoven have been omitted as these are well covered in the Netherlands and Belgium/Luxembourg movements sections of Scramble Magazine.

Herstal-Milmort 30 June 2020

Location: 50.68992233N 5.57653618E

MT30 CM170R preserved

At a roundabout, just on the exit of the Motorway you can find this preserved Fouga.

Herstal-Milmort (Safran) 30 June 2020

Location: 50.68811035N 5.58243704E

FA46 F-16A preserved
At the entrance of the Safran company you can find this preserved F-16 in a bit to light colour scheme.

Maasbracht-Haverkamp 11 30 June 2020

Location: 51.1519691N 5.89721918E

3036 MiG-21UM preserved
XN341 Skeeter AOP12 preserved

At Haverkamp 11 you will find Handelsbedrijf Valkenpower, a big dump store. On the roof of this location, you will see a Skeeter. The MiG-21 is near the A2 motorway.

Maasbracht-Industrieweg 4 30 June 2020

Location: 51.15275955N 5.89090872E

B-178 AT-16ND preserved
2005 MiG-21M preserved
XW406 Jet Provost T5A std
1x Lim-5P forward fuselage only std
1x F27 nose only std

At the Industrieweg 4 you have another facility of Valkenpower. At the backyard a Harvard and a MiG-21 are preserved. Also, they have here different remnants of aeroplanes stored.

Credit: Raymond van Dijkhuizen

Germany (Eifel)

After an earlier journey to Germany (see above), I spent a week in the Eifel area with a couple of friends. We decided that the holiday would be a combination of aircraft spotting, visit museums with aircraft, but also to include things ordinary tourists will do.

Via the most efficient route, in order to transport a few people more in one car, we drove to Eindhoven where we assembled. In Eindhoven we combined everything in two cars for this holiday. First stop is the famous technical museum in Speyer. At this site we were in the opportunity to book a hotel!!

Speyer-Technik Museum 18 July 2020

Location: 49.31105804N 8.44631672E

Preserved (hall 1)

(0805)	L-29	ex Czech, as "OK-02"	
(387)	CM170	ex France	
432/13-QJ	Mirage 3E	ex France	
19310/3+	Bf109G-4		
3154/NO+DS	Bf110D	wings and part of fuselage	
(01+04)	CL-13B	as RCAF "23042"	
6821/CA+JY	Ju52/3mg4e		
75+35	SE3130		
D-9532	CM191B		
18 bk	MiG-15UTI	ex Soviet AF	
(A-711)	Beech E50	ex Swiss AF, as "D-ITMS"	
A-808	P-3-03	ex Swiss AF	
J-1081	Vampire FB6	ex Swiss AF	
D-ESUU	Zlin Z37A		
SP-ZBH	PZL-106		
152/17, 207/17	Fokker Dr1		replica
1010/IF	SV-4C		replica

Preserved (hall 2)

04	J-35Ö	ex Austria	
(355)/33	Mirage 3RD	ex France	
45 black	Mi-2	ex Soviet	
(T.2B-209)	C352L	ex Spain, as "D-AQUI"	
CCCP-3501002	Buran 1M		
RA-1860G	SP-91		
1362/17	Pfalz D3		replica
1x	Wright Type A		replica

Preserved (outside)

154	N2501	ex France	
(52+04)	An-26S	ex Germany	
(DD+803)	F-84F	ex Germany, AMI c/s	
(22+01)	F-104G	ex Germany, as "26+63"	
(25+66)	F-104G	ex Germany	
28+27	TF-104G	ex Germany	
(31+47)	G91R/3	ex Germany, Frece c/s	
UE+112	Gannet AS4	ex Germany	

637	Mi-14PL	ex NVA637, ex GAF 95+06	
(98+34)	Mi-24P	as "13"	
(22+25)	MiG-21SPS	as India AF "C993"	
(20+39)	MiG-23BN	as "22+02"	
(20+49)	MiG-23BN	as "98+25"	
(25+14)/9	Su-22M-4	as NVA "9"	
(94+01)	T-33A	as USAF "63659/TR-659"	
(33 rd)	Mi-8T	as "CCCP-06181"	
35 rd	Yak-27R	ex Soviet	
(XE656)	Hunter F6	ex RAF	
(63-7423)	F-4C	as USN "153072"	
63-7446	F-4C	ex USAF	
74-0109	F-15A	ex USAF	
58-0265	F-101B	ex USAF	
D-ABYM	B747-230B(M)	ex Lufthansa	
D-ANAF	Viscount 814	ex Lufthansa	
D-EDSF	P149D	ex Luftwaffe 91+91	
D-FOXY	C.3605	ex Swiss AF C-535	
D-ILUX	RC680F		
F-BFGX	DC-3C	ex Air Inter	
F-BTTB	Mercure 100	ex Air Inter	
F-ZBAR/21	CL-215-1A10	ex Sécurité Civile	
(OY-TOR)	VFW614	ex Cimber Air	
RA-41343	An-2TP		
(UR-64460)	An-22		
1x	Do24T-3	fuselage only	

Preserved (near Hotel Speyer am Technik Museum)

(28+08)	L-39ZO	as "08+28"	on pole
50+99	C-160D		

The Speyer Technik museum is one of the larger museums in Germany that preserve aircraft. However, they have also a vast collection of (fire) trucks, cars and locomotives. The highlight of the exhibition is the Boeing 747, that is preserved on a specially designed roof terrace and can be visited from cabin to cargo hold.

Speyer-EADS factory (RP) 19 July 2020

Location: 49.30874634N 8.45589352E

20+46	F-104G	ex Germany	std
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Just east of the airport, near the Rhine you can find this Starfighter.

Sinsheim-Technik Museum (RP) 19 July 2020

Location: 49.23880768N 8.89741993E

Preserved (hall 1)

(763)	MS500	ex FAF, as "D-EMWF"	
(EB+302)	RF-84F	forward fuselage	
22+49	F-104G		
(1301643)	Ju87B-2		wreck
1379/4V+UH	Ju88A-4		
(194)	Dove 7	ex Irish Air Corps	
(099)	AT-6ND	ex MLD, as "DE623"	
(1006)	Lim-2	ex Poland, as "12 bk"	
(T.2B-140)	CASA 352L	ex Spain, as "RJ+NP"	
(B.2I-82)	CASA 2111B	ex Spain, as "5J+GN"	
(C.4K-170)	HA1112M1L	ex Spain, as "+4"	
C-501	C3605	ex Swiss AF	
J-1628	Venom FB50	ex Swiss AF	
J-1798	Venom FB54	ex Swiss AF	
(N6779)	Tiger Moth	as "DE623"	
CCCP-26001	KA-26	ex Aeroflot	
(HA-ANB)	An-2T	as "03 rd"	
HB-USE	Bu181		
1x	Kurir L (Fi.156)	as "PT+TP"	
417/15	Fokker E3		replica
10+~	Fw190A-3		replica
3	Nieuport 11		replica
1x	Zlin Z37A		

Preserved (hall 2)

32+64	G91R/3	ex Germany	
J-1603	Venom FB50	ex Swiss AF	
D-HAUF	S-58C	ex BLu B11	
E3349/PL6832	Avro 504K		replica
1x	BK117		replica

Preserved (outside)

99+36	Canberra B2	ex Germany
(72+97)	UH-1D	ex Germany
(83+17)	H-21C	ex Germany
(28+27)	L-39ZO	ex Germany, in Czech c/s
94+18	Mi-8T	ex Germany, ex NVA 394
(20+27)	MiG-23ML	ex Germany
(25+20)	Su-22M-4	ex Germany, as NVA "798"
(JD+397)	T-33A	ex Germany, as "FT15"
(0833)	Il-14P	ex Polish AF
(T.2B-257)	CASA 352L	ex Spain, as "D-2527"
(T.3-62)	C-47A	ex Spain, as "D-CADE"
D-CAKE	Pembroke C54	ex Luftwaffe 54+02
(F-BGNU)	Viscount 708	ex Air France
F-ZBBH/26	CL-215-1A10	ex Sécurité Civile
HA-LBH	Tu-134	ex Malév
OK-PAI	Il-18	ex CSA Czechoslovak AL

Preserved (on roof)

CCCP-77112	Tu-144	ex Aeroflot
F-BVFB	Concorde	ex Air France

Storage area

(22+33)	MiG-21SPS	ex Germany
(54+14?)	Pembroke C54	ex Germany?
(XW665)	Nimrod R1	front fuselage only

The Sinsheim Technical museum has besides aircraft, just as the Speyer museum, a collection of cars and locomotives. The foundation behind the Sinsheim museum is also responsible for maintaining the collection in Speyer.

Oedheim (BW) 19 July 2020

D-HAAM	AS350B	Meravo Helicopters	
D-HAUI, D-HAUN	EC145	Meravo Helicopters	
D-HAUQ	AS355N	Meravo Helicopters	5570
<u>D-HPIX</u>	AS350B3	Meravo Helicopters	3789

Preserved (at gate)

Location: 49.23929977N 9.23567200E

D-HAUE	S-58C	BLu B10	
D-HAUO	Sioux AH1	ex AAC XT552	
D-HAUS	SA360C		1022

Oedheim is a small heliport. There is a helicopter maintenance company over here and in front of the building are three preserved helicopters. Inside the hangars you can find many other helicopters but the company was closed and there was nobody to ask for access.

Stuttgart-Zuffenhausen (BW) 19 July 2020

Location: 48.83320999N 9.16009712E

Preserved

(23+24)	F-104G	ex Germany, as "22+23"
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Above the main entrance to Merkle (Zahn-Nopper-Strasse) you can find this Starfighter.

Stuttgart-Möhringen (BW) 19 July 2020

Location: 48.72333527N 9.15934277E

(XN339)	Skeeter AOP12	preserved	
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At the roof of a local repair shop for car windows (Plieninger Strasse 90), you can find this Skeeter.

Stuttgart-DRF Luftrettung (BW) 19 July 2020

Location: 48.68117905N 9.20409107E

Preserved

(D-HBKB)	BK117A-4	as "D-HDRF", ex 98+22
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At the south side of the airport is an office of DRF and on top of this building you can find this BK117.

Stuttgart (BW) 19 July 2020

D-AEWW	A320-212	Eurowings	
D-ATUI	B737-8K5	TUI	
D-AZZA	CL-600-2B16	DC Aviation	
D-KOII	SF-25C		n/t
OE-LMB	A320-232	Laudamotion	

Preserved (in terminal)

Location: 48.68981171N 9.19405174E

(2313)	An-2T	ex Polish AF, as "SP-ANL"
<u>SP-SAW</u>	Mi-2	

The preserved aircraft are at the visitors viewpoint and can be visited when open. The Harvard that should be present here was not visible from outside.

Speyer (RP)			19 July 2020
D-EBPF	P2008JC		n/t
D-EIAP	P2008		n/t
D-EZBF	C1-131-2000	ex EdA E.3B-430	
D-HEHA	EC120B		n/t

Before breakfast we had a quick look at the apron of Speyer, where we saw an aerial survey P68. After breakfast was finished, we set for Ramstein, where we would stay a couple of hours. After the umpteenth local C-21, we decided to call it a day. We went shopping for groceries as we rented a house on a holiday resort. After we finished our meal, it was time to relax a bit.

20 July 2020

I-VICC	P68B	AFOC Germany
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Ramstein (RP) 20 July 2020

86th Airlift Wing/76th Airlift Squadron (C-21A)

84-0087, 84-0096

86th Airlift Wing/37th Airlift Squadron (C-130J-30)

04-3142/RS, 07-8609/RS, 15-5822/RS, 15-5831/RS

Visitors platform

84-0060	C-5M	60th AMW/22nd AS
85-0003, 85-0005, 87-0036	C-5M	436th AW/9th AS
87-0037	C-5M	439th AW/337th AS
84-0190	KC-10A	305th AMW
98-0057, 01-0192, 01-0197	C-17A	105th AW/137th AS
04-4136, 07-7171	C-17A	305th AW/6th AS
07-7183, 08-8190, 08-8194	C-17A	437th AW
09-9205	C-17A	437th AW
09-9209	C-17A	62nd AW
<u>166376</u>	C-37B	VR-1

Today (21 July), we drove to Spangdahlem along a very scenic route. We were very happy when the Hawaiian C-17 left Spangdahlem. After lunch in a Turkish restaurant we drove back to our holiday resort.

Spangdahlem (RP) 21 July 2020

52nd Fighter Wing/480th Fighter Squadron (F16C/D*)

90-0813/SP, 90-0827/SP, 90-0833/SP, 91-0343/SP, 91-0344/SP, 91-0352/SP, 91-0358/SP, 91-0360/SP, 91-0403/SP, 91-0416/SP, 91-0417/SP, 91-0481/SP*

A good viewpoint for the airfield can be found south-west of the runway in the forest. The aircraft can be seen here when flying.

Visitors platform

84-0062	C-5M	60th AMW/22nd AS
97-0048	C-17A	445th AW/89th AS
05-5152/HH	C-17A	15th Wing/535th AS

Flying only

84-0096	C-21A	86th AW/76th AS
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Preserved (near old main gate)

Location: 49.98091888N 6.68805361E

77-0264/SP	GA-10A	
66-0308/SP	F-4E	as "69-0308"
74-0085/SP	F-15A	
78-0057/SP	F-16A	as "85-1552"
62-4446/SP	F-105G	

Wittlich-Wengerohr (RP) 21 July 2020

Location: 49.97955704N 6.95102596E

43+96 Tornado IDS pres., ex German AF
The Alpha Jet and the G91 at this location have disappeared. The Tornado looks very well and the people from the company do not make problems when you take photographs of the Tornado.

Our expectations for Büchel were high today. Prior to visiting the area, we had contact with the PRO office, and one of the employees had told us where we could position ourselves

to photograph the aircraft the best. 22 July started excellent with a Galaxy on its way to Spangdahlem. Unfortunately this was not a good indication how the day would develop. Soon after we had parked our car, a force of ten security employees was roaming the area. The Tornado aircraft took off, and when they came back after the sortie, they should have been overhead. Unfortunately, the aircraft used the other end of the runway to land. For the afternoon wave, we went to the other side, and everything appeared to be just fine. That was until they saw us and the aircraft were instructed to take the other end again! When we rushed to that side, they were on finals for the landing..... just to be instructed to take the other end again. Members of the local spotter community were flabbergasted and told us, they had seen nothing like this before.

Mont Royal (RP) 22 July 2020
87-0029 C-5M 60th AMW

Mont Royal is a small mountain range near Traben-Trarbach. We saw this Galaxy during our travel to Büchel.

Büchel (RP) 22 July 2020
54+30 A400M LTG62
82+59 EC135T1 IHAZ

TLG33 (Tornado IDS)

44+23, 44+29, 44+76, 44+78, 44+90, 46+02, 46+10

Overshoots

97-0048 C-17A 445th AW/89th AS
07-7170 C-17A 436th AW

Preserved (at main gate)

Location: 50.18324280N 7.05957985E

DD+354 F-84F as "DC+101"
21+67 F-104G
43+70 Tornado IDS as "43+01"

The preserved aircraft can be found behind the main gate. The guards here do not like when you are looking to the entrance for a prolonged amount of time.

Wittlich Hospital (RP) 22 July 2020
D-HXAC EC135P2+ ADAC Luftrettung

The hospital is at the Koblenzer Strasse 91 and has a ADAC Air Ambulance station, so most of the time you will find a helicopter here.

Ramstein (RP) 23 July 2020
84-0096 C-21A 86th AW/76th AS
07-8609/RS, 07-8614/RS C-130J-30 86th AW/37th AS
15-5831/RS C-130J-30 86th AW/37th AS

Visitors platform

93/XL	TBM700	ET00.060
85-0003, 85-0005, 85-0007	C-5M	436th AW
98-0051/AK	C-17A	176th Wing/144th AS
98-0057, 00-0181, 01-0188	C-17A	105th AW/137th AS
01-0197	C-17A	145th AW/156th AS
04-4136	C-17A	305th AW/6th AS
07-7183, 09-9205, 10-0221	C-17A	437th AW
16-46023	KC-46A	22nd ARW/344th ARS
16-5873/LI	HC-130J	106th RQW/102nd RQS
900530	C-26D	AOD
N493MC	B747-47UF	Atlas Air
N745CK	B747-446F	Kalitta Air
N846AX	B777-2U8ER	Omni Air International

Overshoots

D-HRPA EC135P2 PolizeiHuSt RP

We planned that we would combine Ramstein and Hermeskeil today. However, we extended our stay at Ramstein and decided to combine Hahn and Hermeskeil instead on 24 July.

Frankfurt-Hahn (RP) 24 July 2020

9H-QDV	B737-8AS	Malta Air	
D-ABUB, D-ABUC, D-ABUD	B767-330ER	Condor	std
D-ABUT	B767-3Q8ER	Condor	std
D-ABUZ	B767-330ER	Condor	std
TF-AMP	B747-481F	Air Atlanta Icelandic	

The Condor aircraft are in temporary storage at Hahn. The company did store the aircraft here due to decreased demand due to COVID-19. They will not use these aircraft for flights anymore. SFN reported that Condor has been bought by the Polish Aviation Group (owner of LOT Airlines) and that the group is looking for replacing the widebodies of both Condor and LOT with a common type for synergy reasons.

Hermeskeil-Flugausstellung L. and P. Junior (RP) 24 July 2020
Location: 49.68548965N 6.96113396E

Preserved (hall 1)

91	N.1002	ex FAF, as "KG+EM"
(24+91)	RF-104G	ex Germany, bare metal
(30+86)	G91R/3	front fuselage only
(78+33)	Sycamore Mk52	ex Germany, as "D-HFUM"



The State of Rheinland Pfalz (Rhineland Palatine) houses three famous aircraft and technical museums, in a relatively close proximity to each other: Speyer, Sinsheim and Hermeskeil. Speyer and Sinsheim offer also other (transport) collections at their premises, while the museum in Hermeskeil (L+P Junior) solely concentrates on aircraft. Here you can see Viscount 814D D-ANAM at the latter facility. (Hermeskeil, 24 July 2020, Raymond van Dijkhuizen)



XR398, a deHavilland Comet C4, is preserved at Hermeskeil in the colours of the former airline Dan-Air London as G-BDIW. (22 July 2020, Raymond van Dijkhuizen)

(T.2B-127)	Casa 352L	ex Spain	96+50	Mi-24P	ex Germany
J-1797	Venom FB54	ex Swiss AF	853	MiG-21bis	ex Germany
56-4014	F-100F	ex USAF, as "56-3944"	775	MiG-21MF-75	ex Germany
D-EDEW	L-4J	ex USAAF 44-80324	24+08	MiG-21US	ex Germany
D-EFSV	Do.27A-1	ex 56+53	343	MiG-23ML	ex Germany
D-FDEM	AT-6F	ex USAAF 44-81778	568/20+01	MiG-23MF	ex Germany
D-HZPS	Ka-26	ex Polizei 7404609	54+21, (54+24)	Pembroke C54	ex Germany
N56786	PT-18	ex USAAF 40-1964	678	Su-22M-4	ex Germany
			95+17	T-33A	as RCAF "393"
Preserved (hall 2)			56-1125	F-102A	ex HAF, as USAF "61125"
031	SM-1	ex HunAF	111	C-47A	ex Jordan AF
28+30	L-39ZO	ex Germany, ex NVA 180	413	Lim-5	ex Poland
99+16	OV-10B	ex Germany	(1217)	MiG-21F-13	ex Poland, bare metal
94+39	T-33A	ex Germany	09	Su-7BM	ex Poland
301	SBLim-2M	ex Polish AF, Soviet c/s	(3076)	VEB-14P	ex Poland
C-541	C3605	ex Swiss AF	(BR.21-14)	CASA 2111D	ex Spain, as "G1+FL"
V-248	SA319	ex Swiss AF	(35931)	S35E	ex Sweden, as "60/F21"
(XZ135)	Harrier GR3	ex RAF	37974/64	ASJF37	ex Sweden
(ZF585)	Lightning F53	ex RAF, cockpit only	XZ221/Z	Lynx AH7	ex AAC
(XP352)	Whirlwind HAR10	ex UK, boom of XD187	(XR633)	Scout AH1	ex AAC, blue c/s
152/17	Fokker Dr1	replica	XL450/R-042	Gannet AEW3	ex FAA
D-HZPQ	Mi-2	ex NVA 504	XZ998	Harrier GR3	ex RAF
G55-2	V-122		XX955/GK	Jaguar GR1A	ex RAF
HA-ANA	An-2P	ex HunAF 10	XX476/CU-561	Jetstream T2	ex FAA
(D-EHCI)	Blériot XI	replica	XJ348/37	Sea Devon C20	ex FAA
D-YLAS	La-11	replica	XE327/LH-644	Sea Hawk FGA6	ex FAA
			XM264	Canberra B(1).8	ex RAF
Preserved (hall 3)			XF418	Hunter F6A	ex RAF
40+61	Alpha Jet A	ex Germany	XN782/H	Lightning F2A	ex RAF
698	MiG-23BN	ex Germany	XX948/P	Tornado	ex RAF
979	MiG-21SPS-K	ex Germany, cockpit only	(XR527)/K	Wessex HC2	ex RAF
(76+85)	SE3130	ex Germany	63-7421/SA, 63-7583	F-4C	ex USAF
(87+08)	Bo105P	ex Germany	68-0587/SW	RF-4C	ex USAF
J-4098	Hunter F58	ex Swiss AF	62-4417	F-105F	ex USAF
XS569	Wasp HAS1	ex United Kingdom	D-ACUT	N2501D	ex 52+56
XT670	Wessex HC2	ex United Kingdom	D-ALIN	L-1049G	ex Lufthansa
D-HBZV	UH-1D	ex Luftwaffe 72+31	D-ANAM	Viscount 814	ex Lufthansa
			D-ESSJ	Zlin 37A	
Preserved (outside)			D-HMUY	Bo105C	ex Bundesgrenzschutz
(BA35)	Mirage 5BA	ex BLU, as "13-PL"	D-IFMP	Do28D-2	
FX60	F-104G	ex BLU	DDR-SCK	Tu-134AK	ex NVA 180
(MT34)	CM170	ex BLU, as "MT31"	DDR-STH	Il-18V	ex Interflug
(02139)	Mi-4	ex Czechoslovak AF, bare	G-ARVF	VC-10	ex UAE gvmt
(310)	Mirage 3R	ex FAF, as "304/33-TN"	G-BDIW	Comet C4	ex RAF XR398
(173)/12-YP	Sup. Mystère B2	ex FAF	RA-21133	Mi-6	
(52+08)	An-26T	ex Germany	F-WTSA	Concorde	replica
JC+101	CL-13B	ex Germany			
BF+105	F-84F	ex Germany	Stored (in compound at the end of the car park)		
EB+341	RF-84F	ex Germany, as "EA+241"	(DD+380)	F-84F	ex Germany
20+43	F-104G	ex Germany	(26+61)	F-104G	ex Germany
31+07	G91R/3	ex Germany	889	MiG-21SPS	ex Germany
94+20	Mi-8T	ex Germany	XR597	Scout AH1	ex AAC
618	Mi-14PL	ex Germany			

P06

Stored (behind museum)

(83+21) H-21C ex Germany
402 Mi-9 ex Germany

This collection of aircraft is well worth to visit. In front of the museum you will find the full scale wooden replica of the prototype Concorde, which is remodelled into a restaurant. The museum has a varied collection with civilian aircraft and military aircraft from many countries.

Daun-Senheld (RP) 25 July 2020
D-EAHS MS893E n/t

Today we planned to do something different than aircraft spotting: we visited the region on the UNESCO World Heritage List, the Volcanic Eifel. Near the eyes of the Eifel, as the *Dauner Maare* are also known, is a small airport located. Here we saw this MS893E.

Best 26 July 2020
PH-PVZ R66 n/t

After a final breakfast, we set for heading home. After a couple of hours driving, the first persons of the tour group were dropped off and headed home. Near the village of Best we saw a Robinson 66 helicopter, thus ending a fantastic trip.

Credit: Raymond van Dijkhuizen

Germany (all four corners of the compass)

You will all know the feeling, that nagging feeling, of a need for aeroplanes. Especially after months of staying at home because of COVID-19. So the lifting of the travel ban was quickly turned into a short trip to our "safe neighbour" Germany together with Frank Mink. Nothing too special but still worthwhile, especially after other planned trips had been cancelled during the last couple of months.

As always, everything in the log is actually read off unless between (brackets).

We started early, because today would include a lot of kilometers. Traffic has increased a lot again since March, but we made it to our first stop without noticeable delays.

Mönchengladbach (NW) 20 July 2020
77 ATR72-212A Pakistan Navy, unit nn
HB-HOY Casa 352L ex T.2B-165

The Pakistan ATR was our main target here, and luckily it was visible because of an open hangar door. We tried to see the Angolan Kodiak as well, but failed. Later we learned that this

one had already left two weeks before, so at least we hadn't just missed it....

In the Junkers Halle was the rear fuselage of a Junkers, possibly Portuguese AF 6320 that should be under restoration here. No sign of the rest of the aircraft though, and neither of the cockpit of Ju-52 wrknr. 6888 that used to be inside the hangar.

When we were confident the Kodiak was not visible we continued to nearby Nörvenich.

Nörvenich (NW) 20 July 2020

TLG31 (EF2000)

31+04, 31+27, 31+29, 31+30, (31+40), 31+42, 31+49 (spec c/s)

Not a bad score, but frustrating non the less because we missed the arrival of the special tail one by 10 minutes because of a road closure. With the morning mission fully returned and no expected activity for another two or three hours, we decided to take our losses here and continue.

Köln - Bonn (NW) 20 July 2020

10+26	A310-304MRTT	FBS BMVg
(15+03)	A319-133CJ	FBS BMVg
(16+01), 16+02	A340-313X	FBS BMVg
82+59	EC135T1	nn

We were hoping to catch the new Globals, no luck there. The Open Skies Airbus (15+03) was a good catch though. With nothing interesting in the neighbourhood showing on SBS we decided not to hang around, but catch some W&R while continuing Northeast.

Hagen-Lenne Arena 20 July 2020
(297) MiG-21U-600 preserved

Looking rather ugly in the Volksbank Hohenlimburg "colour scheme", but still, it is a MiG-21! Outside in front of the Arena, easy to catch.

Rüdinghausen (in garden) 20 July 2020
N47245 OH-23B pres., ex 51-16374 **624**

This chopper is in the back garden of a large house. Allegedly it made a hard landing and was subsequently written off, and there is still some damage visible that confirms this. Now it serves as an eye catcher on the estate, which is being turned into a mini golf and carting track in one.

The id was questionable according to EMOOS, so we checked the chopper thoroughly (of course). No c/n plate was found,



Ilyushin Il-18V, registered DDR-STH, was first operated by the East German Air Force, in the Interflug colours. Later it was operated directly by the state airline. In 1990, after the unification, the Ilyushin became surplus to requirements as Interflug folded. It was preserved at Augsburg, prior to the relocation to Hermeskeil. (22 July 2020, Raymond van Dijkhuizen)



At Bad Sooden, you find the border museum. Here the period of the German split is kept in remembrance by this UH-1D D-HAQI of the Bundesgrenzschutz. (28 Jun 2020, Raymond van Dijkhuizen)

but the FAA permit was still attached to the console confirming the id that was also painted on the side and on the call plate. I have also seen a picture of the chopper with exactly the same markings and registration operational in Germany in 2005, so I am convinced this one is the real thing and the one in San Carlos museum painted as 116374 is an imposter....

Lintel-Fotostudio Zeitler (NW) 20 July 2020
23+93 MiG-21U-600 pres., ex Germany
Again an easy MiG, parked outside on the industrial estate. Note the (new?) name of the company corrects EMOOS.
Wunstorf (NW) 20 July 2020

LTG62 (A400M)

54+02, 54+09, 54+11, 54+13, 54+23, 54+25, 54+27, 54+29, 54+30, 54+31, 54+34

A good score, with also Luftwaffes latest addition number 34 present as well.

By now it was already getting late, and we still had some driving to do. However we decided we wanted to get the T-bird that had miraculously appeared in a garden in Oldendorf after having disappeared from AMARG decades ago. Well, it just as easy disappeared again unfortunately. We rang the doorbell and were told it was sold by the previous owner of the house some two years ago. No idea about the new home unfortunately.

A rather disappointing end of the day, especially since it was quite a detour. Anyway, you win some and you lose some, either way it was nice to be on the road again! Time for a short night sleep, and tomorrow more Typhoons hopefully.

After a short but good night sleep, we continued to Laage. We didn't know what time they would start flying, and since we had to leave as soon as the morning mission had left, we made sure we were in time. It turned out we had to wait two hours before there was any activity at the mil side, but that's all in the game I guess.

Laage (MV) 21 July 2020

TLG73 (EF2000/EF2000T*)

30+01*, 30+46, 30+51, 30+64, 30+73, 30+77*, 31+22

I was very happy with 30+73, the special tail one, taking off in the burning sunlight, and the same goes for 30+01 which used to be at Manching as 98+31 but was never seen as such by us. The cockpit of MiG-21 989 is not on display in the civil terminal anymore. F-4F (38+73) however is still preserved and visible from the viewing terrace.

With these seven up in the air, we quickly headed to our car and started the drive further East.

Dänholm-Marinemuseum (MV) 21 July 2020
94+12 Mi-8TB pres., ex Germany

Years ago we tried to see this one from outside, because we arrived after office hours, but failed. In theory it could be possible to see it from the high bridge next to it, but the trees, the siderail of the bridge and also the speed of the car made that very hard or even impossible. The chopper is in original condition and still smells nice inside :-)

Prora-NVA Museum Rügen (MV) 21 July 2020
(86+81) Bo105P pres., ex Germany
529 MiG-21MF pres., ex Germany
(LY-ADM) An-2 pres., mil c/s, no mks

We tried this museum also years ago, back then we arrived some 10 minutes before closing time, but were refused access. From outside the MiG wasn't visible (things had changed compared to the entry in EMOOS), so we had driven all the way from and back to Laage without getting the MiG. I am still angry at the gate lady, however after all those years, we finally got our revenge.

The museum got a new name recently and is split in two, with the Oldtimer Museum in the old buildings and the NVA Museum in a new nissen hut like building next to the parking lot. The MiG and Bolkow are both inside and definitely NOT visible when the museum is closed. The Antonov is parked outside next to the building. It is unmarked (and locked...) and we didn't have the time to ask the staff about it, because we were hoping to get back to Laage to see the afternoon wave arrive. However based on the looks we thought it is "just" a civil An-2 painted in green c/s, and that was confirmed afterwards.

Laage (MV) 21 July 2020
15+03 A319-133CJ FBS BMWg

TLG73 (EF2000/EF200T*)

30+01*, 30+24*, 30+51, 30+64, 30+73 (spec mks), 31+22

We made it in time for the afternoon wave returning home indeed. Only one different Eurofighter from the morning wave, but the Open Skies (a.k.a. *Offener Himmel*) Airbus was a nice surprise.

Lübeck (SH) 21 July 2020
(22+88) MiG-21M ex Germany, ex NVA 602
D-ECOY FWP149D ex Germany 90+11 **020**
D-ELGB FWP149D ex Germany 90+92) std
F-GRPC N1101 ex FAF 113

Some years ago we came here searching for the MiG, but at the time this wasn't present and we were told it had been moved away from the airport to be scrapped. Later I learned it was actually being restored somewhere, not scrapped luckily, and now we finally got the chance to see it. It is preserved right next to the terminal and easy to see.

Next we went into the operations office, and although it was already after dinner time we got permission to see the warbirds that are based here, a bit to our own surprise. A guy working for BP drove us to the respective hangars, perfect service. A nice ending of the day!

With the aircraft at Lübeck airfield already in the pocket, next morning we could start our drive to Hamburg immediately. We wanted to clear a few outstanding W&R plus get Frank a few new Airbuses while we were here anyway.

Hamburg-Bundeswehr Krankenhaus (HH) 22 July 2020
70+78 UH-1D ex Germany, LTG 63 mks

This is preserved right next to the helicopter platform of medical chopper 'Christoph 29'. From outside (from a bicycle path that follows the fence) you can only see the main rotor plus a very tiny bit of the tail. However when we asked for Christoph at a side gate, the barrier was lifted and we were let on the premises.

Hamburg-Finkenwerder (HH) 22 July 2020

Preserved

157 N2501F ex FAF, as "D-NORA"
(16+08) HFB320 ex Germany
50+62 C-160D ex Germany

All are preserved, together with a Guppy, on the side of the Elbe river and are easily visible from the Northern riverside. Furthermore two dozen brand new airliners were read off before we finally left the busy Hamburg area.

Does somebody know whether the HFB320 actually carries the serial and also still the WTD61 badge? I only found photos on the web from the time it served as instructional airframe at Hamburg, not in its current position.

On our way to Nordholz we made a small detour to Stade, where a Spanish Bucker 131 should be living. Well, we got confirmation it is indeed there, but it is in a privately owned, locked hangar and the owner was away for work. So one to come back for one day.

Nordholz (NI) 22 July 2020
82+02 AS532U2 FBS BMWg
57+04 Do228-212(LM) MFG 5
60+05 P-3C MFG 5
84-0087 C-21A 86th AW/76th AS
D-HDDL EC135P2+ MFG 5

MFG3 (Super Lynx Mk.88)

83+07, 83+10, 83+19, 83+20

Not a lot of activity, but we made one Lynx, so that was good. And a reasonable photo of the Cougar in the new VIP c/s was a nice bonus. No NH90 Sea Lions unfortunately, of which at least four should have been delivered by now. We were told they were all under maintenance, which seems odd. Possibly to do with the crash of the Dutch NH90?

We stayed here until flying activity ceased and then went W&R hunting again.

Karlshöfen (NI) 22 July 2020
D-EIUH L-18C ex BLu L51

Recently reported here, we thought it could be worth a try to get this Piper. It turned out there was a BBQ at the airfield, so lots of people present, including the owner of the Piper Cub. Photographing this aircraft was no problem, although we "probably wouldn't like it because of the bird droppings on it" according to the owner :-D

Seedorf-Fallschirmjäger Kaserne (NI) 22 July 2020
(84+03) CH-53G GIA, fuselage, no mks
(84+60) CH-53G GIA, fuselage, no mks
Another two aircraft of which one has "surfaced" recently.



Also at Bad Sooden the other main type of the Bundesgrenzschutz (BGS) is preserved. Alouette 2 D-HBJA was handed down from the Bundeswehr, where it operated as 77+28, to the BGS. The museum opened one year after reunification on 3 October 1991. It has a collection equipment and documents of both border forces. (28 June 2020, Raymond van Dijkhuizen)



Top Aces A-4N C-FGZO had an eventful day on 23 July at Wittmund. After a morning test flight, Skyhawk 532 developed an emergency during its operation afternoon mission, necessitating an arrested landing. Both flights were witnessed by Patrick Dirksen and his companion.

When I found them on Google Earth, I thought it might be possible to see them after a short walk along the fence. Ideal for a summer evening walk we imagined :-)

Indeed both fuselages can be seen if you walk along the fence for some 300 meters. So a gamble that worked out nicely.

The next gamble was not successful though, at Rotenburg. We were hoping it would be possible to see the Alouette II that is preserved on the grounds of the Kaserne bordering the airfield, but we didn't succeed. Maybe in winter time, but not now for sure.

Next stop wasn't supposed to be a gamble, but things can change. At Ahlhorn a UH-1 was placed at the gate a few years ago, and that should be easily visible. However no helicopter was seen. We spoke to the (civil) guard, who confirmed there had been a Huey behind the gate, but also told us that it has been removed for now. The whole place has been demilitarized and the civil company that has taken over is planning to open a small museum near the gate. The UH-1, which is at the moment stored in a warehouse on the former base, will get a new place there. So disappointing, but at least it should be an easy one again in the near future. Our last location of the day was successful again luckily.

Oldenburg (NI)		22 July 2020
40+44	Alpha Jet A	pres., ex Germany
JB+371	CL-13B	pres., ex Germany
31+01	G91R/3	pres., ex Germany

Again another location we had visited years ago, but at the time this was still a restricted area and the aircraft (owned by the Traditions Verein JaBoG 43) were only available on appointment. This time I tried to make an appointment, but due to Covid this was not possible. However on their website I saw a photo of the main gate, and it seemed the fence had been removed. So we decided to check it out, and indeed the terrain is now open for the public. Or at least, part of it is. The museum is still behind a gate and fence, but the three complete aircraft can easily be seen.

When we were photographing them through the fence, by chance somebody arrived on the inside, and that turned out to be a very friendly guy. He told us he lives on the premises in a kind of trailer camp, and he offered to take us in for a guided tour over the former airfield. Of course we accepted

the offer, and spent the next hour and a half touring the base and visiting several of the old buildings. The aircraft at the museum were also photographed up close, only the Alpha Jet cockpit that should be inside wasn't seen (it was almost dark already).

Glad we gave this one a try, and nice we were there on the exactly right time as well. Our hotel was close, so we were in bed just before midnight.

Main target of the last day of our short trip was seeing some old Euffies we needed, of the old batch that are supposed to be decommissioned in the near future.

Wittmund (NI)		23 July 2020
C-FGZD/367	A-4N	ex IDF/AF 350
C-FGZH/534	A-4N	ex IDF/AF 415
C-FGZO/532	A-4N	ex IDF/AF 419
C-GITA/040	Alpha Jet A	ex Germany 40+40
D-EJGR	L-18C	ex Germany 96+30

TLG71 (EF2000/EF2000T*)

30+06, 30+12, 30+31*, 30+32, 30+57, 30+87, 31+44

Well, a few older Typhoons, but not the doppelstizers we needed unfortunately. For me the Skyhawks and Alpha Jet made up for it a little bit, since I hadn't seen any of those before. During the morning two Tornados came overhead, call sign Burner 1 and 2, allegedly those were 44+90 and 45+88 from Büchel. When the morning wave had returned home, we used the lunch brake to get another oldie.

Norden-Norddeich (NI)		23 July 2020
D-ENLL	L-18C	ex FAF 18-1578

We visited here years ago for Piper Cub D-EFCN, but that has been replaced by this one. For a change it was easy to get, since it was parked outside on the apron when we arrived. So it was out of the car, a quick photo and on our way back to Wittmund within minutes. Nice!

Wittmund (NI)		23 July 2020
(C-FGZE)/495	A-4N	ex IDF/AF 405
C-FGZH/534	A-4N	ex IDF/AF 415
(C-FGZI)/531	A-4N	ex IDF/AF 413
C-FGZO/532	A-4N	ex IDF/AF 419
(C-FGZS)/337	A-4N	ex IDF/AF 321
C-GITA/040	Alpha Jet A	ex Germany 40+40

TLG71 (EF2000/EF2000T*)

30+12, 30+31*, 30+32, 30+(71?), 30+78, 30+82, 30+83, 30+87, 30+9(2), 31+08, 31+44

We were back in time for the afternoon wave, which turned out to be rather small. However combined with some driving around and walking along the fence we managed to read off some more Typhoons and Skyhawks, making the total not bad. Still not the oldies we were after though. Skyhawk 532 had made a test flight in the morning and flew an operational mission in the afternoon. Something went wrong though since the fire department was alerted and the cable was prepared, so he could land using his hook. A spectacular sight, that landing! Luckily all seemed well after that. The unknown Euffie was inside the maintenance hangar, together with 30+82. We thought the first digit after the cross was a 4, but it was very hard to read. However apart from 30+78 this is the only Eurofighter we have seen with the JG71 Richthofen badge on the tail instead of underneath the cockpit. The only other one I can find on the web is 30+71, can somebody confirm this?

Nordhorn (NI)		23 July 2020
D-EIEI	L-18C	ex ALAT 18-1017
D-EROB	SV-4C	ex FAF 151
(D-EODN)	SV-4C	restoration, ex FAF 113
-/337	PT-17	N746BJ, from spares

We visited here before, and were hoping to get a few missing warbirds. No luck however. We were told the FW.44J D-EKRO (SweAF 5771) and L-4J D-EBAF (45-4457) moved to Rheine-Bentlage, which should still be a military facility (I thought the military had left?). And N2S-1 N545WP (BuNo 3201 has never been based, but was probably just a visitor. Well, at least we know that now :-)

The last stop of the trip was Twenthe airport for some stored airliners for Frank. I still need L-21B PH-TZC by the way, which is based here, but although confirmed present we were told that lives in a shelter and wasn't available for us to see without appointment. One to come back for.

And that was the last bit of our trip. Nothing too special, but a few gaps filled, and it was very nice to be on the road again.

And by chance, after this spotting trip to Germany with Frank, fate brought me back to that same country the next week. My girlfriend is currently looking for a horse, and we had an appointment at a stable in Southern Germany. After that visit we would spend a week in the area on holiday. So this time spotting was only a side note, but still some interesting bits were seen.

Freyung (BY)		27 July 2020
0147	Mi-24D	pres., ex Czech AF

This is in the front yard of a company that sells military stuff, very near the border with the Czech Republic. A bit "into the sticks" normally, but if you go hiking in the Bayerischen Wald it is suddenly very nearby.

Manching (BY)		28 July 2020
(54+06)	A400M	German Air Force
(30+17)	EF2000	German Air Force

When we drove past this airbase, a lot of noise announced the Euffie taking off. The A400 was seen on the platform. Both serials are confirmed via Flugzeugforum (and neither one was required unfortunately).

Donauwörth (BY)		28 July 2020
79+06	NH90-TTH	nn
79+39	NH90-TTH	nn
84+99	CH-53GA	nn
89+56	Sea King Mk41	MFG 5
98+51	NH90-NFH	nn
1x	NH90-NFH	nn
D-HADT	H145M	for Ecuador, full camo

Well, not too many numbers during this flying visit, but the Ecuatorian Army H.145 was very, very nice of course! The Sea Lion seemed to be nice, until I saw the serial and realized we had seen this one before. There was another one in the

hangar where brand new 79+39 was pulled out from, but the serial was hidden. A long shot, but you never know I guess.

Neuburg (BY)		28 July 2020
(16+01)	A340-313X	FBS BMVg #
30+81	EF2000	TLG 31
(38+74)	F-4F	std
(80+47)	Bo.105M	GIA, ex Heeresflieger
(LX-N90448)	E-3A	NAEW&CF #

TLG74 (EF2000/EF2000T*)

30+22, 30+68, 30+70, 30+80, 30+93, 30+95*, 31+13*

Only one new one, but the special colours on 30+68 made up for that. Both the Airbus and the AWACS made an approach to Manching, where they were read off. Too bad the A340 didn't do the same at Neuburg!

A few days of hiking and sightseeing followed, and then the journey home started. On the way there you literally pass Stuttgart, so a quick stop was made. Unfortunately nothing military was seen, apart from the former mil BK.117 that is preserved on the roof of the DRF (as "D-HDRF", ex 98+22). Interestingly next morning a US Navy aircraft was seen on SBS leaving Stuttgart, so apparently that had been hiding somewhere.

Ramstein (RP)		1 August 2020
85-0007	C-5M	9th AS
(87-0030)	C-5M	60th AMW in hangar
96-0005	C-17A	137th AS
04-4128, 04-4134	C-17A	6th AS
08-8194, 08-8196, 09-9209	C-17A	62nd AW
09-9210	C-17A	62nd AW
09-0001	C-32B	no mks (150 SOS)
01-0029	C-37A	no mks (76th AS)
74-1663/RS	C-130H	GIA
88-4405	C-130H	US Air Force
89-1188, 89-9103	C-130H	357th AS

86th AW/37th AS (C-130J-30)

06-8611, 07-8609, 07-8614, 08-3176, 08-8602 +5

On the way to Bayern we didn't have time to detour via Ramstein, but on the way back home a stop was scheduled. Even better, we booked a hotel directly next to the airbase, which paid off in the morning. When we were in our room getting ready to leave, aircraft noise was heard, so I grabbed my camera and looked out the window. While expecting a C-17, what approached me was an all white C-32! Some nice shots could be made, which definitely made my day. In the afternoon my girlfriend had another appointment at a stable, in between we had two hours to spare. Since I had seen a C-17 I needed arrive at Spang last night on SBS, we decided to drive there first.

Spangdahlem AB (RP)		1 August 2020
02-1109	C-17A	62nd AW
03-3113	C-17A	183rd AS

Well, that paid off as well, 3113 was parked on the platform. Very quiet apart from the leaving C-17 1109, but it was a Saturday after all.

The visit to the stable was useful, although it didn't directly end up in buying a horse, but that might happen in the near future. On the way home one more brief stop was made.

Köln-Bonn		1 August 2020
10+23	A310-304	FBS BMVg
10+24, 10+26	A310-304MRTT	FBS BMVg
16+01, 16+02	A340-313X	FBS BMVg

Again no Globals unfortunately, just like last week. But at least a relatively decent shot of 16+01 was made, so I am still happy we stopped.

For a non-spotting holiday it was not bad at all in my opinion. As always, comments, additions and corrections are welcome. That's all folks

Credit: Patrick Dirksen

Une Nation engagé, unie et solidaire

Paris - 14 Juillet 2020



The annual Bastille Day parade is a great opportunity to see the Armée de l'Air's latest hardware, and 2020 was no exception, despite some adaptations to the programme caused by a certain pandemic. The second KC-130J delivered is dwarfed here by its larger brother, the A400M. (0053/F-RBAK, A400M, ET 01.061 & 5890/61-PR, KC-130J, ET 02.061, Paris, Django Bruinink).

Ever since 14 July 1880, apart from the Second World War years, a military parade has been held in Paris on Bastille Day. A lingering question during the COVID-19 lock-down, which began last March, was if 2020 would be an exception to this rule. And if so, how the French government would organise the event.

Only weeks before the actual date, just after the lock-down had eased a little, the go-ahead was finally given for the event to take place, albeit in an adapted way. First, a national feast was not deemed appropriate after France became one of the countries struck hard by the pandemic. Second, the battle against COVID-19 would be the main theme of the event, to honour all who worked hard to get the pandemic under control. And lastly, the new rules of society had to be followed during the event, which meant neither public could watch the parade at the Champs d'Elysées, nor would the military march.

Fortunately for the aviation-minded, the aerial parade seemed to be hardly adapted, just a bit smaller than usual. As such, the parade became the first of its kind organised in Western Europe since the worldwide pandemic. As usual the aerial parade took place over the Champs d'Elysées, although no helicopter demonstrations were planned at the Place de la Concorde, and Issy-Les-Moulineaux did not act as a helicopter base. Unfortunately, two formations were (partly) cancelled at the very last minute, so few Mirage 2000s showed up over Paris. Creil, Evreux and Villacoublay were used as air bases around Paris, other aircraft participated from their home base.

Practice runs/recce:

5490/VY AS555AN EH 00.067
01/709-FC PC-21 EPAA 00.315

The registration of the Ecureuil was taken from ADS-B.

Ouverture du Défilé

Formation Patrouille de France – Alpha Jet E:

E169/F-UHRX/1, E87/F-TELC/2, E139/F-UGFC/3, E20/F-TEMS/4,
E129/F-TELP/5, E35/F-TEMA/6, E113/F-TETD/7, E152/F-UHRT/8,
E105/F-UGEM/9

Hommage au Général de Gaulle

Formation 2:

126/30-GE, 142/30-GU Rafale C EC 03.030
ZK343/343, ZK368/368 Typhoon FGR4 1(F) sqn
Typhoon ZK368 had markings of II(AC) sqn.

Formation 3:

135/30-GN Rafale C EC 03.030
141/30-GT Rafale C EC 02.030

Two Mirage 2000Bs from EC 02.005 planned for this formation did not make it from Evreux. Rafale 141 had 75 years Normandie-Niemen markings.

Formation 4:

2 E-2C 4 F
4, 26, 37, 42 Rafale M 12 F

Résilience – Transport Aéroporté

Formation 5:

0095/F-RBAP A400M ET 01.061
128/64-IK CN235M-200 ET 01.062
199/62-HG CN235M-300 ET 03.062

Formation 6:

041/F-UJCG A330MRTT ERVTS 01.031
231/F-RAFC Falcon 2000LX ET 00.060

The registration of the Falcon was taken from ADS-B.

Formation 7:

54+07 A400M LTG 62

PPS-A - Défense Aérienne Élargie

Formation 8:

203/36-CC E-3F EDCA 02.036
71/2-EE Mirage 2000-5F EC 01.002
146/7-GY Rafale C EC 01.007

Forces Aériennes Stratégiques

Formation 9:

475/31-CF C-135FR ERV 04.031
46/2-EN Mirage 2000-5F EC 01.002
315/4-HK, 341/4-FH Rafale B EC 01.004
356/4-FW Rafale B ETR 03.004
352/4-FS Rafale B EC 01.004

Rafale 4-FS has the markings of EC 02.004.

Opérations Extérieures

Formation 10:

One C-135FR, leading four Mirage 2000Ds and two Rafale Bs were planned but cancelled from the line-up.

Aviation de Patrouille et de Surveillance Maritime

Formation 11:

28	ATL2	nmks
5	Falcon 50MS	24 F

Transport Intrathéâtre - Soutien Logistique Opérationnel

Formation 12:

0053/F-RABK	A400M	ET 01.061
5890/61-PR	KC-130J	ET 02.061
R212/64-GL	C-160R	ET 02.064

Sécurité Civile

Formation 13:

F-ZBFX/34	CL-415	Sécurité Civile
F-ZBMH/75	DHC-8-402MR	Sécurité Civile

Résilience Interarmées Interservices

Formation 14:

2802/SK	EC725R2	EH 01.067
0747/JDE	EC135T2	GCFAG/SAG
9127/JBI	EC145	GCFAG/SAG
F-ZBPA	EC145	Sécurité Civile

Module Résilience

Formation 15:

1401/EBE, 1429/EBM	NH90-TTH	5 RHC
1430/EBO	NH90-TTH	5 RHC

One additional NH90 and one Puma were originally planned for this formation.

Protection Territoire National

Formation 16:

5399/VG	AS555AN	EH 03.067
5445/VQ	AS555AN	nm

Combat Aéromaritime et Sauvegarde Maritime

Formation 17:

23	NH90-NFH	33 F
362	AS565SA	36 F

318 SA365F1 35 F

The AS365 had anniversary markings.

Sous-GAM - Attaque

Formation 18:

4207/GEC	SA342Ma	3 RHC
6002/BJB, 6019/BJS	Tigre HAD	1 RHC

Sous-GAM - Assaut

Formation 19:

1428/EBL	NH90-TTH	GAMSTAT
2293/CGJ, 2375/CHC	AS532UL	1 RHC

Additional spare and support aircraft at air bases around Paris were:

Creil

2443/CGW	AS532UL	1 RHC
1295/EAJ, 1386/EAZ	NH90-TTH	5 RHC
4084/GBJ	SA342M	3 RHC
2002/BHI	Tigre HAP	1 RHC

Evreux

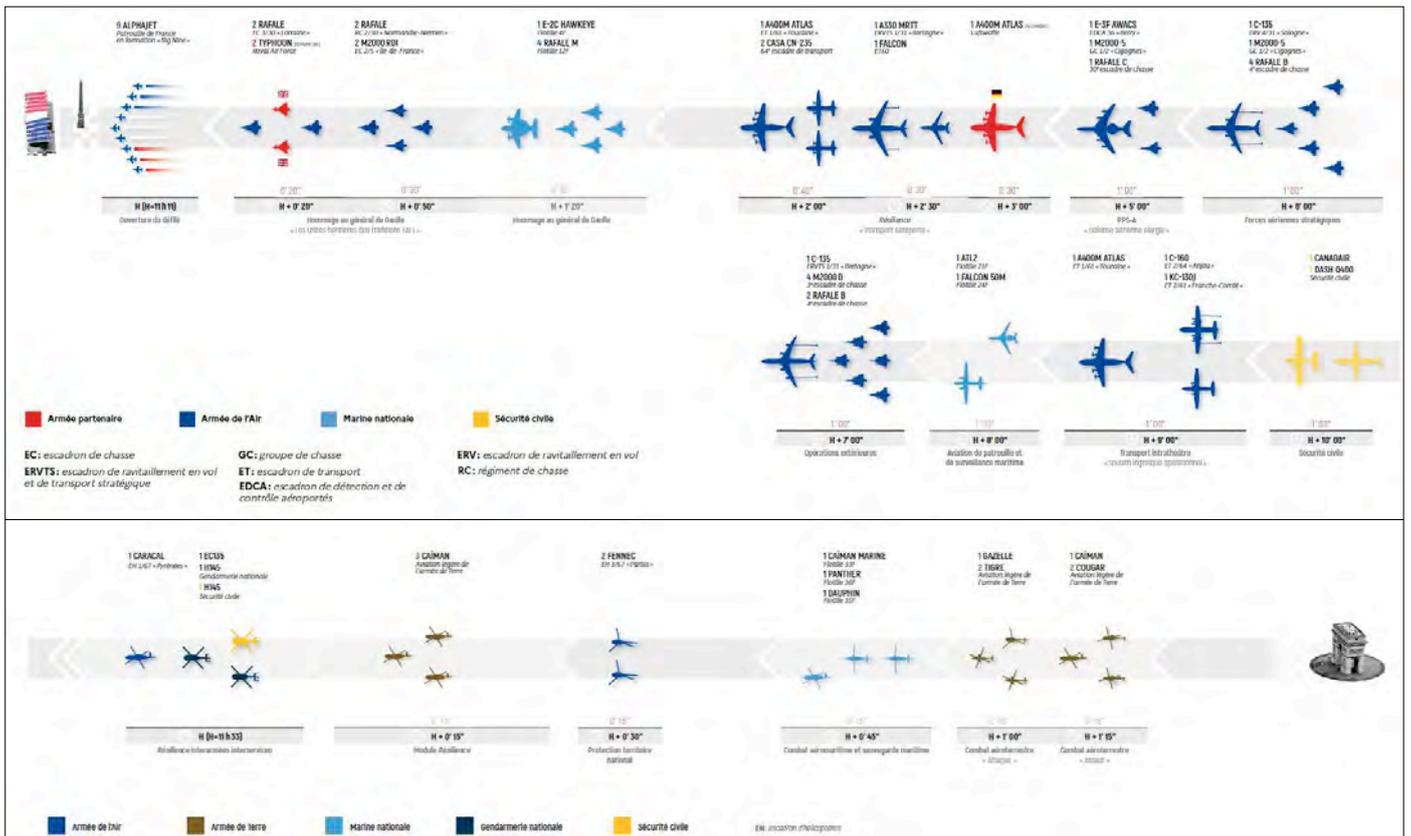
110/30-IN, 112/30-IQ	Rafale C	EC 02.030
527/115-OR, 529/115-OC	Mirage 2000B	EC 02.005
530/115-OL	Mirage 2000B	EC 02.005

Villacoublay

5430/VL, 5466/VW	AS555AN	EH 00.067
5536/WK	AS555AN	EH 00.067
2461/SA	EC725R2	EH 01.067
02/709-FD, 04/709-FF	PC-21	EPAA 00.315
05/709-FG, 06/709-FH	PC-21	EPAA 00.315



Three Cougars left Creil early afternoon. (2293/CGJ, Wim Sonneveld)



Long live the Queen! (part 2)

Anton Homma



On 20 March 2011 the first passenger B747-8 took to the skies for the very first time. Its livery broke with the Boeing-tradition to have their prototypes flying in mainly blue-themed liveries. After participating in the certification process, this particular aircraft was ferried to Kansas City (KS) in November 2012 where it would be outfitted for its new owner, the State of Kuwait. They took delivery of the plane as 9K-GAA on 26 February 2016 and is still flying it today. (Over Washington State, 20 March 2011, Boeing Aircraft)

The Next Generation of Jumbos

In the early eighties Boeing faced a slowing down of orders for the B747, despite having introduced the B747-300. While the -300 did increase the seating capacity, it did not increase the range of the aircraft and its older engines, avionics and three-person cockpit crew made it a costly type to operate. With experience of introducing a modern, "glass" cockpit in the B757 and B767-programmes, Boeing set off to modernise the Boeing 747.

In 1984, at the Farnborough Airshow, Boeing announced the development of the latest version of the Queen, the "Advanced Series 300". On 22 October 1985 Boeing officially launched the B747-400 and Northwest Airlines became the launch customer with an order for ten planes. Several months later British Airways, Cathay Pacific, KLM, Lufthansa and Singapore Airlines also placed orders.

Boeing consulted a group of airlines during the design phase. At first Boeing was quite conservative with the upgrades, but after being pushed by the consulted airlines went further than that. As a result of the input given by the airlines the B747-400 would have a new "glass" cockpit-design, enabling to fly the aircraft with two pilots.

Other changes were made like an increased wingspan, which grew with 5.2 m compared to the classic B747. To reduce drag, the wings were also outfitted with 1.8 m tall winglets. Another addition was a redesigned tail, to fit an additional fuel tank, increasing the range by 650 kilometres. Engine wise customers could choose from the Pratt & Whitney PW4056, the General Electric CF6-80C2B1F and the Rolls-Royce RB211-524G/H, which all were offering better thrust and lower fuel consumption.

Final assembly of the B747-400 started in September 1987 and on 26 January 1988 the first plane was rolled out of the factory at Everett (WA). Almost three months later, on 29 April 1988, the B747-400 took to the skies for the very first time. The flight was almost 2.5 hours. Almost a year later, after a very successful test flight campaign, on 26 January 1989, the first aircraft was delivered to Northwest Airlines.

Boeing 747-400

The original Next Generation Jumbo, featuring the increased

wingspan, fuel capacity and standard stretched upper deck as with the B747-300. A total of 442 B747-400s were built.

Boeing 747-400D

The -400D is a special high capacity variant of the -400, able to seat up to 660 passengers in a single-class lay-out. Most notable difference with the -400 is the lack of winglets which have been removed as they are not efficient on short-haul flights. A total of nineteen were built and only newly ordered by All Nippon Airways and Japan Airlines.

Boeing 747-400ER

On 28 November 2000, Boeing launched the Extended Range-variant of the -400 with an order for six planes from QANTAS. The ER included the option to have one or two additional fuel tanks for an increased range. QANTAS chose the variant with one additional tank, which enabled the plane to fly 805 kilometres further than the original -400.

Boeing 747-400F

Boeing also designed a freighter variant of the B747-400. While having all the updates as the passenger-variant, it did not feature the SUD. It first flew on 4 May 1993 and the first airline to operate the type was Cargolux, which took delivery of the first B747-400F on 17 November 1993. The -400F has a swing nose door and could also be outfitted with an optional side cargo door. A total of 126 -400Fs were built and delivered by Boeing.

Boeing 747-400ERF

On 30 April 2001 the Extended Range Freighter was launched. It is the same as the -400F, but has the ability to carry more payload thanks to a strengthened fuselage, landing gear and wing. It is able to fly up to 525 kilometres further than the standard -400F. A total of 40 -400ERFs have been delivered to customers.

Boeing 747-400M

As with the -300, Boeing also designed a combi-variant of the B747-400, the -400M. It first flew on 30 June 1989 and first delivery was to KLM on 12 September 1989. It features a large side cargo door and a locked partition to separate the passenger cabin from the cargo area.

Boeing 747-400BCF

BCF stands for “Boeing Converted Freighter” and was previously known as the -400SF (Special Freighter). This is a conversion programme by Boeing to convert standard B747-400s into freighters. The project was launched in 2004 and conversion could be provided by Boeing-approved contractors like HAECO, KAL Aerospace and SIA Engineering. In contradiction with a genuine -400F, the BCF does not have a nose cargo door.

Boeing 747-400BDSF

Another freighter conversion programme, this one provided by Israel Aerospace Industries. BDSF stands for BeDek Special Freighter.

Boeing 747-400LCF

In order to reduce shipping times for parts for the B787, Boeing decided to convert four B747-400s into Large Cargo Freighters, or LCFs. They are really easy to recognise due to the bulging fuselage. The conversion of the planes took place in Taiwan. Boeing did not offer this variant for sale and the planes are operated by Atlas Air for Boeing.

Special developed B747-400 variants:

YAL-1A: The YAL-1A is a converted -400F for the USAF, featuring an airborne laser. The Jumbo was modified to have a nose turret with a laser which would be used to shoot down intercontinental ballistic missiles. Only one was built and the plane first fired its laser in 2007. In January and February 2010 the plane successfully shot down two test missiles. Despite this funding for the programme was ended in 2010 and the aircraft was put into storage at AMARC in 2012. It was eventually scrapped two years later.

Water Bomber: One B747-400BCF has been converted into a water bomber by Global SuperTankers. This plane is outfitted with eight tanks and able to carry almost 75,000 litres of water or fire retardant.

Undeveloped B747-400 variants:

C-33: The C-33 was a proposed military version of the B747-400F, which would be used to supplement the C-17 fleet. The plan was abandoned when the USAF decided to add more C-17s instead.

B747-500: In 1986 Boeing studied on a larger version of the -400 which would be designated as the -500. It would be a

stretched (including a more stretched upper deck) version with new propfan-engines and able to fly up to 16,000 kilometres. The idea was eventually shelved.

B747 Advanced Short Body: This version was offered to customers in 1986 as a countermeasure for the MD-11 and the new A340. It would have been a B747SP-fuselage, but with all the modernisation the -400 had to offer. Airlines were, however, not impressed and Boeing shelved the idea and went full steam ahead with the B777.

B747-500X, -600X and -700X: As orders were diminishing for the -400, Boeing announced during the Farnborough Airshow of 1996 it was studying two new versions of the Jumbo, the -500X and -600X. It would combine the B747-fuselage with a new wing, derived from the wing of the B777. It would also feature more powerful engines and a new landing gear, able to cope with the increased weight of the plane. The -500X would have a 5.5 metre longer fuselage than the -400 and would be able to carry up to 462 passengers over a distance of 16,100 kilometres. The -600X would be another 9 m longer than the -500X and could seat up to 548 passengers over 14,300 kilometres. Later a third version was added to the study, the -700X. This would have combined the wing of the -600X, but with a widened fuselage, which would have resulted in a capacity of a maximum of 650 passengers. As with the ASB, customers were not impressed and the cost of the development was also too high.

Boeing 747-400X and -400X Stretch: In 2000 Boeing thought an improved version of the -400, dubbed the -400X, would be really interesting for the airlines around the world. Featuring a new cockpit design based on the B777 and better engines, it would be able to carry up to 430 passengers over a distance of 16,100 kilometres. The -400X Stretch would be 80,2 metres long, enabling it to fly 500 passengers over 14,500 kilometres. Both new versions would also feature the same cabin design as in the B777. Freighter versions of the X were also considered. Just like the three previous attempts, airlines were not enthusiastic about it and the idea was axed. Many of the design changes for the -400X did, however, end up into the -400ER.

Boeing 747-400XQLR: Another attempt was the -400XQLR, with QLR standing for Quiet Long Range. This variant would have seen an increase of its range to 14,800 kilometres and many improvements to increase efficiency and lower the noise. It would have featured raked wingtips and sawtooth



Over the years Cathay Pacific operated a fleet of 49 B747-400s, including 19 freighters. Currently they continue to operate six B747-400Fs. This VR-HOZ was delivered to the airline in June 1992 and re-registered to B-HOZ in September 1997. It was converted into a freighter in 2008 and flown as such until 2012, when it was phased-out. Nowadays the plane should still be stored at Victorville (CA). (Schiphol, 31 March 1997, Anton Homma)



Air Pacific operated two former Singapore Airlines B747-400s, one of them being DQ-FJK. During its career with Singapore it flew as 9V-SMD and was also used between 1999 and 2001 as VH-ANB by Ansett Australia. Air Pacific flew with the Jumbo from 2003 until 2013. It was eventually scrapped at Tupelo (MS). (Los Angeles (CA), 12 June 2010, Anton Homma)

engine nacelles. Although this version never came into fruition, many of the design changes made its way onto the new B747 Advanced which was later renamed into the B747-8.

The B747-8

After many studies and attempts to revive the interest of airlines in the B747, Boeing announced plans for a B747 Advanced in 2004. It would be a stretched version of the -400, combined with advanced technology from the new B787. On 14 November 2005 the manufacturer officially launched the new programme as the B747-8.

The B747-8 has a 5.6 m stretch of its fuselage and has a total length of 76.25 m. With its length, the B747-8 is the world's longest passenger aircraft, dethroning the Airbus A340-600. It has a maximum take-off weight of 442,000 kg and is with this the heaviest aircraft ever produced in the US.

Large sections of the wings of the B747-8 have been completely redesigned and most notable are the new raked wing-tips. The new design is not only improving the aerodynamics, but also made it possible to fit larger fuel tanks.

In contrast to the previous versions of the Boeing 747, the -8 is only available with one engine type, the General Electric GENx.

The very first B747-8 to be produced would be an -8F and production started in August 2008. On 14 November of the same year, Boeing announced a delay to the B747-8 programme due to a lack of engineering resources, strikes and necessary design changes. In February 2009 they announced a review of the passenger version of the -8, as the manufacturer had so far booked only one order for the type from Lufthansa. At the end of 2009 Boeing once again announced another delay of the programme, resulting in a planned first flight for early 2010. They did however decide to continue the development of the passenger-version of the -8.

On 8 February 2010 the first Boeing 747-8F made its very first flight, lasting almost 2,5 hours. A second and third test B747-8F joined the flight test programme on 11 and 17 March of that same year. During testing several design issues were encountered and solved, but it took a lot of time and ensured the development schedule became under a lot of pressure to deliver the first aircraft on time. It was then decided that a fourth B747-8F would join the three test aircraft and this aircraft, already painted in the livery of its future owner Cargolux, flew for the first time on 23 July 2010. Despite this effort Boeing was forced to announce another delay to the programme, with a first delivery to Cargolux now planned for somewhere mid-2011.

On 20 March 2011 the first passenger B747-8 flew for the first

time, with a second and third aircraft to follow on 26 April and September 2011.

After receiving its type certification on 19 August 2011, Boeing announced that the first two B747-8Fs were due to be delivered to Cargolux on 19 and 21 September. Two days before the planned ceremony, Cargolux however said it would not take delivery of the planes due to "unresolved contractual issues between Boeing and Cargolux." Eventually everything was resolved and both airplanes entered service with the cargo airline a month later.

The B747-8I was certified by the relevant authorities on 14 December 2011 and delivery of the first passenger -8 to Lufthansa took place on 5 May 2012.

In the years after, Boeing has acknowledged that demand for the aircraft is lower than they had forecasted. In 2016 they even said that stopping the production was a real possibility. Since then orders for freighters have picked up with orders from AirBridgeCargo and UPS. However, no passenger version orders have been booked, with Air China, Korean Air and Lufthansa being the only airlines to operate that type. Currently the backlog for the type is enough to sustain production until 2022 despite one of their key-component suppliers have decided to stop producing parts for the B747.

B747-8F: The -8F is the most popular version of the -8. As with the -400F, the -8F has a shorter upper deck and features the nose cargo door. Thanks to the stretch of the fuselage the aircraft can carry four extra pallets on the main deck and two extra pallets and two containers on the lower deck.

B747-8I: The passenger version of the B747-8 is dubbed the I for Intercontinental. It is able to carry up to 467 passengers as far as 15,000 kilometres. That's an increase of 51 passengers compared to the B747-400. The -8I is also features a longer upper deck than the -400. Other notable changes are the new design of the stair to the upper deck as well as 8% larger windows.

Special developed B747-8 variants

VC-25B: The -8I will become the newest version of 'Air Force One'. In 2015 the USAF selected the type to replace the two VC-25As. To reduce costs, the USAF acquired two so-called "white tail" B747-8Is that were originally ordered by Transaero Airlines. The conversion into VC-25B will take years. The first of the two is currently undergoing the modification process at Lackland Air Force Base (TX).

B747-8BBJ: The BBJ is the Boeing Business Jet version of the -8I. It is basically an empty -8I, which can be modified and outfitted at the wishes of the client. Currently all BBJs in use are owned by governments.

"Next Generation" production list

L/N	C/N	Type	Registration	Last operator	Status
696	23719	-451	N661US	Delta Air Lines	Museum of Flight, Atlanta (GA)
700	23817	-430	D-ABVB	Lufthansa	Stored Tupelo (MS)
705	23814	-467	B-HOO	Cathay Pacific Airways	Broken-up Victorville (CA)2010
708	23720	-451	N662US	Delta Air Lines	Stored Marana (AZ)
715	23818	-451	N663US	Delta Air Lines	Stored Marana (AZ)
717	24061	-412BCF	PH-MPP	Martinair	Stored Teruel
721	23819	-451	N664US	Delta Air Lines	Stored Marana (AZ)
722	24062	-412	DQ-FJL	Air Pacific	Broken-up Tupelo (MS) 2013
723	23816	-430	D-ABVA	Lufthansa	Stored Tupelo (MS)
725	23999	-406	PH-BFA	KLM	Broken-up Teruel
726	23820	-451	N665US	Delta Air Lines	Stored Marana (AZ)
727	23908	-436	G-BNLA	British Airways	Stored Victorville (CA)
728	23815	-467	B-HOP	Cathay Pacific Airways	Stored Bruntingthorpe
729	24198	-4B5	N292AS	AerSale Inc.	Stored Roswell (NM)
730	23909	-436	G-BNLB	British Airways	Stored Cardiff 2011
731	24354	-438	VH-OJA	QANTAS	Hist. Aircr. Rest. Soc. Illawarra
732	24000	-406	PH-BFB	Corendon Dutch Airlines	CorendonHotel, Badhoevedorp
733	24322	-422	N171UA	United Airlines	Stored Tupelo (MS)
734	23910	-436	G-BNLC	British Airways	Broken-up Cardiff 2011
735	23982	-406M	PH-BFC	KLM	Stored Teruel
736	24063	-412	PK-LHF	Lion Air	Broken-up Jakarta 2018
737	24001	-406M	PH-BFD	KLM	Stored Mojave (CA)
738	24315	-4H6BCF	N741CK	Kalitta Air	Active
739	24199	-4B5BCF	N779BA	Evergreen International Airlines	Stored Marana (AZ)
740	24363	-422	EP-MNB	Mahan Air	Active
741	24154	-4B3	F-GEXA	Air France	Broken-up Kemble 2012
742	23821	-451	N666US	Delta Air Lines	Stored Marana (AZ)
743	24346	-4J6BCF	B-2456	Air China Cargo	Stored Marana (AZ)
744	23911	-436	G-BNLD	British Airways	Broken-up Marana (AZ) 2018
745	24405	-4H6BCF	N740CK	Kalitta Air	Active
746	24373	-438	N954JM	Jet Midwest	Stored Mojave (CA)
747	24285	-430M	D-ABTA	Lufthansa	Stored Tupelo (MS)
748	24200	-4B5BCF	N547BC	Boeing Capital Corporation	Stored Marana (AZ)
749	24286	-430M	D-ABTB	Lufthansa	Stored Tupelo (MS)
751	24406	-438	VH-OJC	QANTAS	Broken-up Victorville (CA)
753	24047	-436	G-BNLE	British Airways	Stored Victorville (CA)
754	24287	-430M	D-ABTC	Lufthansa	Stored Tupelo (MS)
755	24064	-412	DQ-FJK	Air Pacific	Stored Tupelo (MS)
756	24386	-419	ZK-NBS	Air New Zealand	Broken-up Roswell (NM) 2010
757	24288	-430	N472MC	Atlas Air	Broken-up Mojave (CA) 2018
758	24423	-446	N344AS	AerSale Inc.	Stored Roswell (NM)
759	24380	-422	N173UA	United Airlines	Stored Marana (AZ)
760	24424	-446BCF	N742CK	Kalitta Air	Active
761	24065	-412	PK-LHG	Lion Air	Active
762	24381	-422	N174UA	United Airlines	Stored Victorville (CA)
763	24201	-406M	N110ML	International Aerospace Group	Stored Melbourne (FL)
764	24481	-438	VH-OJD	QANTAS	Broken-up Victorville (CA)
765	24482	-438	N955JM	Jet Midwest	Stored Kansas City (KS)
766	24309	-409LCF	N249BA	Atlas Air	Active
767	24425	-446	N412AS	AerSale Inc.	Stored Roswell (NM)
768	24426	-446	N264AS	AerSale Inc.	Stored Roswell (NM)
769	24458	-4D7BCF	HS-TGH	Thai Airways International	Stored U-Tapao
770	24202	-406M	PH-BFF	KLM	Broken-up Twenthe
771	24631	-467	B-HOR	Cathay Pacific Airways	Broken-up Sandford (FL) 2015
773	24048	-436	G-BNLF	British Airways	Stored Teruel
774	24049	-436	G-BNLG	British Airways	Stored Victorville (CA)
775	24347	-4J6BCF	B-2458	Air China Cargo	Stored Beijing
777	24459	-4D7BCF	ER-BAG	Terra Avia	Active
778	24310	-409LCF	N780BA	Atlas Air	Active
779	24050	-436	G-BNLH	British Airways	Stored Victorville (CA)
780	24427	-446	N273AS	AerSale Inc.	Stored Roswell (NM)
781	24483	-438	N956JM	Jet Midwest	Stored Mojave (CA)
782	24517	-406	TF-AMG	Air Atlanta Icelandic	Stored Kemble
783	24518	-406M	PH-BFH	KLM	Active
784	24051	-436	G-BNLI	British Airways	Stored Victorville (CA)
785	24715	-430M	D-ABTD	Lufthansa	Stored Mojave (CA)
786	24740	-430	D-ABVD	Lufthansa	Stored Stuttgart-Municipal (AR)

787	24741	-430	D-ABVE	Lufthansa	Broken-up Tulsa (OK) 2014
788	24850	-467	B-HOS	Cathay Pacific Airways	B/u Grant County (WA) 2013
789	24052	-436	G-BNLJ	British Airways	Stored Teruel
790	24053	-436	G-BNLK	British Airways	Active
791	24066	-412BCF	PH-MPS	Martinair	Active
792	24348	-4J6BCF	B-2460	Air China Cargo	Broken-up Marana (AZ)
793	24619	-4B5BCF	N578BC	Boeing Capital Corporation	Broken-up Marana (AZ)
794	24054	-436	G-BNLL	British Airways	W/o Johannesburg 22dec13
795	24055	-436	G-BNLM	British Airways	Stored Victorville (CA)
796	24761	-430	D-ABVF	Lufthansa	Broken-up Marana (AZ)
797	24777	-446	N473AS	AerSale Inc.	Stored Roswell (NM)
798	24784	-446	N465MC	Atlas Air	Active
799	24222	-451	N667US	Delta Air Lines	Stored Marana (AZ)
800	24223	-451	N668US	Delta Air Lines	Stored Marana (AZ)
801	24779	-438	VH-OJG	QANTAS	Broken-up Marana (AZ) 2012
802	24056	-436	G-BNLN	British Airways	Active
803	24224	-451	N669US	Delta Air Lines	Stored Marana (AZ)
804	24225	-451	N670US	Delta Air Lines	Stored Marana (AZ)
805	24801	-481BCF	TF-AMP	Air Atlanta Icelandic	Active
806	24382	-422	N175UA	United Airlines	Stored Victorville (CA)
807	24806	-438	VH-OJH	QANTAS	Broken-up Marana (AZ)
808	24836	-4H6	VH-OEC	QANTAS	Broken-up Victorville (CA) 2011
809	24226	-412BCF	N703CK	Kalitta Air	Active
811	24383	-422	EP-MNA	Mahan Air	Stored Tehran-Khomeini
812	24833	-481BCF	N429MC	Atlas Air	Active
813	24851	-467	B-HOT	Cathay Pacific Airways	Broken-up Kemble 2013
815	24855	-419	ZK-NBT	Air New Zealand	Stored Goodyear (AZ)
816	24730	-47C	20-1101	Japanese Air Self-Defence Force	Active
817	24057	-436	G-BNLO	British Airways	Stored Teruel
819	24384	-422	N177UA	United Airlines	Stored Victorville (CA)
820	24385	-422	N178UA	United Airlines	Stored Victorville (CA)
821	24870	-446	N248AS	AerSale Inc.	Stored Roswell (NM)
823	24883	-475	N278AW	Wilmington Trust Co.	Stored Marana (AZ)
824	24885	-446	N805AS	AerSale Inc.	Stored Roswell (NM)
825	24886	-446	N764CK	Kalitta Air	Stored Oscoda (MI)
826	24887	-438	VH-OJI	QANTAS	Stored Mojave (CA)
827	24976	-444BCF	B-HUR	Air Hong Kong	Stored Marana (AZ)
828	24058	-436	G-BNLP	British Airways	Stored St. Athan
829	24447	-436	G-BNLR	British Airways	Stored Victorville (CA)
830	24621	-4B5BBCF	N925BA	Boeing Aircraft Holding Co.	Stored Marana (AZ)
831	24227	-412BCF	4X-ICC	Cargo Air Lines	Active
832	24920	-481	TF-AMS	Air Atlanta Icelandic	Broken-up Kemble 2017



This former United Airlines B747-400 G-CEFE of Blue Sky Airlines was pictured at Schiphol, where it was painted and received maintenance. Blue Sky was an Armenian front-company, which was used to ferry Western-built airplanes to Iran in a way to circumvent the sanctions against Iran. The plane was delivered to Blue Sky in 2006 as EX-74783 and was operated by the airline for Mahan Air. In 2008 it became officially part of the Mahan-fleet as EP-MNA. It is currently stored at Tehran. (Schiphol, 16 October 2006, Chris Ufkes)



Mid August 2020 this B747-400 F-HSUN of Corsair was ferried to Marana (AZ) for scrapping. In 2005 it flew in the Corsairfly-livery when the airline was still part of the TUI Group. This airplane was originally delivered to United Airlines as N191UA in June 1993 and moved to France in 2005. (Paris-Orly, 19 June 2005, Chris Ufkes)

833	24993	-4D7	HS-TGK	Thai Airways International	Stored Mojave (CA)
834	24925	-467BCF	B-HOU	Air Hong Kong	Broken-up Marana (AZ)
835	24974	-438	VH-OJJ	QANTAS	Broken-up Marana (AZ)
836	24969	-428	F-GITA	Air France	Broken-up Kemble 2011
837	24895	-475	LV-AXF	Aerolíneas Argentinas	Stored Mojave (CA)
838	24975	-412BCF	EW-511TQ	Rubystar Airways	Active
839	24731	-47C	20-1102	Japanese Air Self-Defence Force	Active
840	24998	-433BDSF	OM-ACB	ACG Air Cargo Global	Active
841	24629	-436	G-BNLS	British Airways	Broken-up Victorville (CA) 2016
842	24630	-436	G-BNLT	British Airways	Stored Victorville (CA)
843	24990	-428	F-GITB	Air France	Broken-up Kemble 2011
844	25213	-446D	N894DB	Wells Fargo Bank	Stored Walnut Ridge (AR)
845	25045	-430	D-ABVH	Lufthansa	Broken-up Tulsa (OK)
846	24966	-430	N769CK	Kalitta Air	Stored Oscoda (MI)
847	25046	-430	D-ABVK	Lufthansa	Broken-up Tulsa (OK)
848	24967	-430M	D-ABTF	Lufthansa	Stored Mojave (CA)
849	25082	-467	B-HOV	Cathay Pacific Airways	Stored Moses Lake (WA)
850	25086	-406M	PH-BFI	KLM	Active
851	25064	-446	N634AS	AerSale Inc.	Stored Roswell (NM)
852	25068	-412BCF	N729CA	National Airlines	Active
853	25205	-4B5BCF	N784BA	Boeing Aircraft Holding Co.	Stored Marana (AZ)
854	25087	-406M	PH-BFK	KLM	Stored Mojave (CA)
855	24896	-475	ZK-SUH	Air New Zealand	Stored Victorville (CA)
856	25047	-430M	D-ABTH	Lufthansa	Stored Mojave (CA)
857	25067	-438	5N-HMB	Max Air	Stored Marana (AZ)
858	25126	-4H6	VH-OED	QANTAS	Broken-up Victorville (CA) 2011
859	25127	-412	B-HKE	Cathay Pacific Airways	Broken-up Bruntingthorpe 2014
860	25128	-412	B-HKF	Cathay Pacific Airways	Stored Moses Lake (WA)
861	25152	-444BCF	N251KW	21 Air	Stored Marana (AZ)
862	25074	-433	A6-COM	Dubai Air Wing	Active
863	25135	-481	TF-AMT	Air Atlanta Icelandic	Broken-up Kemble
864	24155	-4B3M	F-GEXB	Air France	Broken-up Teruel 2015
865	25151	-438	N953JM	Jet Midwest	Stored Victorville (CA)
866	25158	-422	N179UA	United Airlines	Stored Victorville (CA)
867	25224	-422	N180UA	United Airlines	Stored Victorville (CA)
868	25075	-433BDSF	OM-ACJ	ACG Air Cargo Global	Active
869	24311	-409BDSF	9U-BBA	Sky KG Airlines	Active
870	25207	-481BDSF	B-2437	Suparna Airlines	Stored Xiamen
871	25212	-446	N151AS	AerSale Inc.	Stored Roswell (NM)
872	25238	-428BCF	N952CA	National Airlines	Active
873	25211	-467	B-HOW	Cathay Pacific Airways	Stored Moses Lake (WA)

874	25275	-4B5	N708CK	Kalitta Air	Active
875	25245	-438	VH-OJM	QANTAS	Stored Mojave (CA)
876	25260	-446	N269AS	AerSale Inc.	Stored Roswell (NM)
877	24955	-467	B-HOX	Cathay Pacific Airways	Broken-up Kemble 2012
879	25214	-446D	N897DB	Wells Fargo Bank	Broken-up Tupelo (MS) 2011
880	25405	-48EBDSF	HL7413	Asian Airlines	Active
881	25278	-422	N181UA	United Airlines	Stored Victorville (CA)
882	25279	-422	N182UA	United Airlines	Stored Tupelo (MS)
883	25315	-438	N958JM	Jet Midwest	Stored Victorville (CA)
884	25302	-428BCF	N919CA	National Airlines	Active
885	25308	-446BCF	N744ST	Global SuperTanker Services	Active
887	25351	-467	B-HOY	Cathay Pacific Airways	Stored Moses Lake (WA)
888	25356	-406	PH-BFL	KLM	Active
889	25344	-428	F-GITC	Air France	Broken-up Kemble 2011
890	25366	-4D7	HS-TGL	Thai Airways International	Stored Mojave (CA)
891	25292	-481D	JA8099	All Nippon Airways	Stored Tupelo (MS)
892	25452	-48EBDSF	HL7414	Asiana Airlines	Stored Victorville (CA)
893	26392	-4B5BCF	HL7484	Korean Air	Stored Greenwood (MS)
894	25544	-438	VH-OJO	QANTAS	Stored Victorville (CA)
895	25406	-436	G-BNLU	British Airways	Stored Victorville (CA)
896	26373	-406M	PH-BFM	KLM	Broken-up Teruel 2017
897	26346	-446	N803KY	AerSale Inc.	Stored Roswell (NM)
898	26425	-430	D-ABVL	Lufthansa	Stored Tulsa (OK)
899	25599	-428	F-GISC	Air France	Stored Greenwood (MS)
900	25427	-436	G-BNLV	British Airways	Stored Teruel
901	25600	-428	F-GITD	Air France	Stored Lourdes
902	26341	-446	N464MC	Atlas Air	Active
903	25432	-436	G-BNLW	British Airways	Broken-up Kemble
904	25879	-4J6LCF	N747BC	Atlas Air	Active
905	26342	-446	N325AS	AerSale Inc.	Stored Roswell (NM)
906	25601	-428	F-GITE	Air France	Stored Mojave (CA)
907	26347	-446D	N347AS	AerSale Inc.	Stored Roswell (NM)
908	25435	-436	G-BNLX	British Airways	Broken-up St. Athan 2017
909	25602	-428	F-GITF	Air France	Stored Crestview (FL)
910	26426	-430	V8-ALI	Sultan's Flight of Brunei	Stored Marana (AZ)
911	25379	-422	F-HLOV	Corsair	Broken-up Kemble 2015
912	25422	-475	N971PG	Pegasus Aviation	Broken-up Marana (AZ) 2018
913	25380	-422	TF-AMG	Air Atlanta Icelandic	Broken-up Kemble
914	25639	-481D	JA8955	All Nippon Airways	Written-off dec08
915	26427	-430	D-ABVN	Lufthansa	Stored Tulsa (OK)
916	25545	-438	N952JM	Jet Midwest	Broken-up Victorville (CA)
917	24956	-441	HS-STB	Orient Thai Airlines	Stored Taipei
918	26343	-446BDSF	HL7618	Asiana Airlines	Active



The 'next generation' of B747s was also used by military operators like South Korea. This 10001 has been leased from Korean Air Lines since 2012, and is former HL7465. The plane is to be replaced by a B747-8 next year, which will also be leased from Korean Air Lines. (Schiphof, 23 March 2014, Frank Doornbos)

919	25395	-422	N185UA	United Airlines	Broken-up Marana (AZ) 2011
920	25640	-481D	JA8956	All Nippon Airways	Stored Tupelo (MS)
921	26547	-412BCF	N756CA	National Airlines	Active
922	26395	-4B5BCF	N707CK	Kalitta Air	Active
923	26548	-412	HS-STC	Orient Thai Airlines	Stored Hong Kong
924	25546	-438	N951JM	Jet Midwest	Broken-up Victorville (CA)
925	25871	-467BCF	B-HOZ	Cathay Pacific Airways	Stored Victorville (CA)
926	25880	-4J6	HZ-WBT7	Kingdom Holdings	Active
927	25642	-481D	JA8957	All Nippon Airways	Stored Tupelo (MS)
928	25641	-481BDSF	TC-ACG	Saudi Arabian Airlines	Active
929	26344	-446BCF	N344KD	Western Global Airlines	Active
930	25872	-467	B-HUA	Cathay Pacific Airways	Broken-up Bruntingthorpe 2014
931	26875	-422	F-GTUI	Corsair	Stored Kemble
932	27042	-4H6LCF	N718BA	Atlas Air	Active
933	25605	-419	ZK-NBU	Air New Zealand	Stored Goodyear (AZ)
934	25628	-428	9M-ACM	Eaglexpress	Stored Jakarta
935	26345	-446D	N895DB	Wells Fargo Bank	Stored Walnut Ridge (AR)
936	25547	-438	VH-OJR	QANTAS	Broken-up Marana (AZ)
937	25873	-467	B-HUB	Cathay Pacific Airways	Broken-up Bruntingthorpe 2015
938	25413	-406M	PH-BFO	KLM	Active
939	26876	-422	HS-STA	Orient Thai Airlines	Stored Bangkok
940	27066	-412BDSF	TF-AMI	Air Atlanta Icelandic	Active
941	26348	-446D	N263AS	AerSale Inc.	Stored Roswell (NM)
942	27062	-45EBDSF	N472MC	Atlas Air	Active
943	26637	-444	N637KW	Alta Airlines Holding	Stored Teruel
944	26877	-422	F-HSEA	Corsair	Stored Kemble
945	27093	-4D7	HS-TGM	Thai Airways International	Stored Mojave (CA)
946	25777	-48EBDSF	HL7415	Asiana Airlines	Active
947	27063	-45EBDSF	N618BC	Atlas Air	Stored Mojave (CA)
948	26349	-446D	N892DB	Wells Fargo Bank	Stored Walnut Ridge (AR)
949	25874	-467	B-HUD	Cathay Pacific Airways	Broken-up Kemble 2012
950	26615	-4D7	HS-TGN	Thai Airways International	Stored Mojave (CA)
951	26396	-4B5BCF	N496BC	Atlas Air	Active
952	25646	-481D	JA8959	All Nippon Airways	Broken-up Tupelo (MS) 2012
953	27067	-412BCF	B-2457	Air China Cargo	Stored Marana (AZ)
954	24312	-409BDSF	ER-BAM	Aerotrans Cargo	Active
955	27132	-412	B-HKT	Cathay Pacific Airways	Stored Victorville (CA)
956	25629	-428	CN-RGA	Royal Air Maroc	Stored Casablanca
957	25881	-4J6	B-2443	Air China	Broken-up Beijing 2018
958	26393	-4B5	N801BA	Boeing Aircraft Holding Co.	Broken-up Marana (AZ)
959	27090	-436	G-BNLY	British Airways	Stored Cardiff
960	25630	-428BCF	N949CA	National Airlines	Written-off Bagram 29apr13
961	26350	-446BCF	N743CK	Kalitta Air	Active
962	27133	-412BCF	N939BA	Boeing Aircraft Holding Co.	Stored Tupelo (MS)
963	26351	-446D	N893DB	Wells Fargo Bank	Stored Walnut Ridge (AR)
964	27091	-436	G-BNLZ	British Airways	Broken-up Kemble 2016
965	25699	-4H6	N780AS	AerSale Inc.	Stored Roswell (NM)
966	26878	-422	5N-MDK	Kabo Air	Stored Sharjah
967	27092	-436	G-CIVA	British Airways	Active
968	25632	-428F	N580UP	UPS	Active
969	26372	-406	PH-BFN	KLM	Stored Mojave (CA)
970	27117	-467	B-HUE	Cathay Pacific Airways	Broken-up Bruntingthorpe 2015
971	24957	-441	TF-AMX	Saudi Arabian Airlines	Stored Goodyear (AZ)
972	25643	-481D	JA8960	All Nippon Airways	Stored Tupelo (MS)
973	26879	-422	EP-MNC	Mahan Air	Stored Tehran-Khomeini
974	25700	-4H6BDSF	TF-AMM	Astral Aviation	Active
975	25644	-481D	JA8961	All Nippon Airways	Broken-up Tupelo (MS) 2015
976	27141	-45E	B-16403	EVA Air	Broken-up Victorville (CA)2015
977	24313	-409	B-165	China Airlines	Written-off Hong Kong 04nov93
978	26352	-446D	N896DB	Universal Asset Management	Stored Walnut Ridge (AR)
979	25645	-481BDSF	TC-ACF	Saudi Arabian Airlines	Active
980	26353	-446BCF	N744CK	Kalitta Air	Active
981	27134	-412BCF	B-2453	Air China Cargo	Broken-up Marana (AZ) 2015
982	27142	-45ESCD	N949AS	AerSale Inc.	Broken-up Roswell (NM) 2014
983	25778	-48E	VH-OEB	QANTAS	Broken-up Tupelo (MS) 2020
984	26880	-422	F-HSUN	Corsair	Stored Marana (AZ)
985	26473	-422	N105UA	United Airlines	Stored Maxton (NC)
986	26394	-4B5	N762BA	Boeing Aircraft Holding Co.	Broken-up Marana (AZ)
987	27078	-437	VT-ESM	Air India	Written-off Mumbai 04sep09



Between March 1990 and October 2011 this B747-400 HS-TGJ flew passengers for Thai Airways. After this, it was converted into a freighter and continued to fly for Thai Airways until 2015. After five years of storage at various airports in Thailand, it was placed with Terra Avia as ER-BAG in May this year. (Paris-Charles de Gaulle, November 1999, Anton Homma)

988	26474	-451	N106UA	Wells Fargo Bank	Broken-up Marana (AZ) 2013
989	26881	-422	N192UA	Wells Fargo Bank	Broken-up Marana (AZ) 2013
990	27137	-412BCF	B-2430	China Cargo Airlines	Broken-up Kansas City (MI) '15
991	25647	-481D	JA8963	All Nippon Airways	Broken-up Tupelo (MS)
992	26374	-406M	PH-BFP	KLM	Broken-up at Teruel
993	25869	-467	B-HUF	Cathay Pacific Airways	Stored Bruntingthorpe
994	27154	-45EBCF	N578UP	UPS	Active
995	26638	-444	VP-BKJ	Transaero Airlines	Broken-up Melbourne (FL) '16
996	27163	-481D	JA8964	All Nippon Airways	Stored Tupelo (MS)
997	25701	-4H6	9M-MPDSaudi	Arabian Airlines	Stored Kuala Lumpur
998	27173	-45EBDSF	N492CS	Atlas Air	Stored Mojave (CA)
999	25702	-4H6BDSF	N493EV	Evergreen International Airlines	Stored Rome (NY)
1000	27068	-412BDSF	N400SA	Southern Air	Broken-up St. Athan 2015
1001	26609	-4D7	HS-TGO	Thai Airways International	Active
1002	25866	-4R7F	N581UP	UPS	Active
1003	27164	-437	VT-ESN	Air India	Stored Mumbai
1004	27174	-45EBDSF	N473MC	Atlas Air	Active
1005	27261	-4F6	RP-C7471	Philippine Airlines	Broken-up Marana (AZ) 2015
1006	25779	-48EBDSF	HL7417	Asiana Airlines	Active
1007	25870	-467	B-HUG	Cathay Pacific Airways	Stored Orlando-Sanford (FL)
1008	25867	-4R7F	N583UP	UPS	Active
1009	27165	-437	VT-ESO	Air India	Active
1010	27069	-467	B-HKU	Cathay Pacific Airways	Broken-up Marana (AZ) 2016
1011	25704	-4U3	PK-GSG	Garuda Indonesian Airways	Stored Jakarta
1012	27262	-4F6	RP-C7472	Philippine Airlines	Broken-up Marana (AZ) 2015
1013	27072	-4B5	N392BC	Boeing Capital Corporation	Stored Marana (AZ)
1014	27202	-406M	PH-BFR	KLM	Broken-up Twenthe 2018
1015	27178	-412	EC-KSM	Wamos Air	Active
1016	26062	-45EBCF	N579UP	UPS	Active
1017	27043	-4H6	N774AS	AerSale Inc.	Stored Roswell (NM)
1018	25811	-436	G-CIVB	British Airways	Active
1019	27177	-4B5	N319KA	Delta Material Services	Stored Marana (AZ)
1020	27175	-467F	N286BC	Boeing Capital Corporation	Broken-up Marana (AZ)
1021	25882	-4J6	B-2445	Air China	Active
1022	25812	-436	G-CIVC	British Airways	Stored Cardiff
1023	27217	-412BCF	N702CA	National Airlines	Active
1024	26355	-446	N747GF	General Electric	Active
1025	25703	-4H6	EC-KXN	Wamos Air	Stored Madrid-Barajas
1026	26356	-446BCF	N356KD	Western Global Airlines	Active
1027	26055	-458	4X-ELA	El Al Israel Airlines	Active
1028	24958	-4Q8	G-VFAB	Virgin Atlantic Airways	Broken-up Goodyear (AZ)
1029	25705	-4U3	PK-GSH	Garuda Indonesia Airways	Stored Jakarta
1030	26549	-412	EC-KQC	Wamos Air	Active

1031	27099	-446	YI-AQQ	Iraqi Airways	Active
1032	26056	-458	4X-ELB	EI Al Israel Airlines	Active
1033	27230	-467	B-HUI	Cathay Pacific Airways	Broken-up Bruntingthorpe '17
1034	27214	-437	VT-ESP	Air India	Stored Mumbai
1035	25780	-48E	HL7418	Asiana Airlines	Active
1036	26563	-412F	TF-AMC	Air Atlanta Icelandic	Active
1037	27341	-4B5	N316KA	Delta Material Services	Broken-up Marana (AZ)
1038	27827	-4F6	RP-C8168	Philippine Airlines	Broken-up Greenwood (MS)
1039	27828	-4F6	RP-C7473	Philippine Airlines	Broken-up Marana (AZ)
1040	26550	-412BCF	N313SQ	Delta Material Services	Broken-up Victorville (CA) 2017
1041	27044	-4H6BDSF	N282JM	Jet Midwest Group	Stored Kansas City (MI)
1042	26561	-412F	4X-ICB	Cargo Air Lines	Active
1043	26326	-4Q8	G-VHOT	Virgin Atlantic Airways	Broken-up Lourdes
1044	25781	-48EF	HL7419	Asiana Airlines	Active
1045	26551	-458	4X-ELE	EI Al Israel Airlines	Stored Tel Aviv
1046	27338	-469	9K-ADE	Kuwait Airways Amiri Flight	Active
1047	26610	-4D7	HS-TGP	Thai Airways International	Stored U-Tapao
1048	27349	-436	G-CIVD	British Airways	Stored Castellón
1049	27070	-412BCF	N960BA	Boeing Aircraft Holding Co.	Broken-up Marana (AZ)
1050	27350	-436	G-CIVE	British Airways	Active
1051	27898	-45EBDSF	B-16406	EVA Air	Active
1052	26560	-412F	B-2409	Air China Cargo	Active
1053	27899	-45EBDSF	B-16407	EVA Air	Active
1054	25883	-4J6	B-2447	Air China	Active
1055	26397	-4B5	HL7492	Korean Air	Stored San Bernardino (CA)
1056	26552	-412	B-HKV	Cathay Pacific Airways	Broken-up Bruntingthorpe '15
1057	26398	-4B5	N317KA	Delta Material Services	Broken-up Marana (AZ)
1058	25434	-436	G-CIVF	British Airways	Active
1059	25813	-436	G-CIVG	British Airways	Active
1060	27436	-481D	JA8965	All Nippon Airways	Broken-up Tupelo (MS) 2013
1061	27595	-467	B-HUJ	Cathay Pacific Airways	Stored Bruntingthorpe
1062	27915	-458	4X-ELC	EI Al Israel Airlines	Active
1063	27965	-409	B-18251	China Airlines	Stored Victorville (CA)
1064	25783	-48EF	HL7420	Asiana Airlines	Active
1065	27503	-467F	VQ-BWS	Longtail Aviation	Active
1066	27442	-481D	JA8966	All Nippon Airways	Broken-up Tupelo (MS) 2015
1067	27662	-4B5	N579BC	Kalitta Air	Stored Oscoda (MI)
1068	27663	-469	RP-C7475	Philippine Airlines	Broken-up Marana (AZ) 2015
1069	26553	-412F	N489MC	Atlas Air	Active
1070	26554	-412BCF	N314SQ	Delta Material Services	Stored Victorville (CA)
1071	27723	-4D7	HS-TGR	Thai Airways International	Broken-up U-Tapao 2017
1072	27071	-412BDSF	ER-BAJ	Uni-Top Airlines	Active



Global Supply Systems was a UK cargo carrier owned by Atlas Air for 49%. It provided wet-lease operations for other airlines and launched in 2002. Its biggest customer was British Airways, so when they terminated the contract with GSS in 2014, the company ceased all operations. This B747-400F G-GSSC joined the fleet in 2003, coming from Atlas Air where it flew as N494MC. It returned to Atlas Air in 2013 and is nowadays flying as N477MC for them. (Schiphol, 29 October 2006, Chris Ufkes)



For sure one of the most uncommon liveries on a Jumbojet is the livery Aerosur applied to their sole B747-400 CP-2603. The plane was leased from Virgin Atlantic between 2009 and 2012. It returned to Virgin as G-VROM and is currently stored at Manchester. It is to move soon to Atlas Air, which will use the plane for their troop-carrying flights. (Schiphol, 1 May 2011, Steve Devynck)

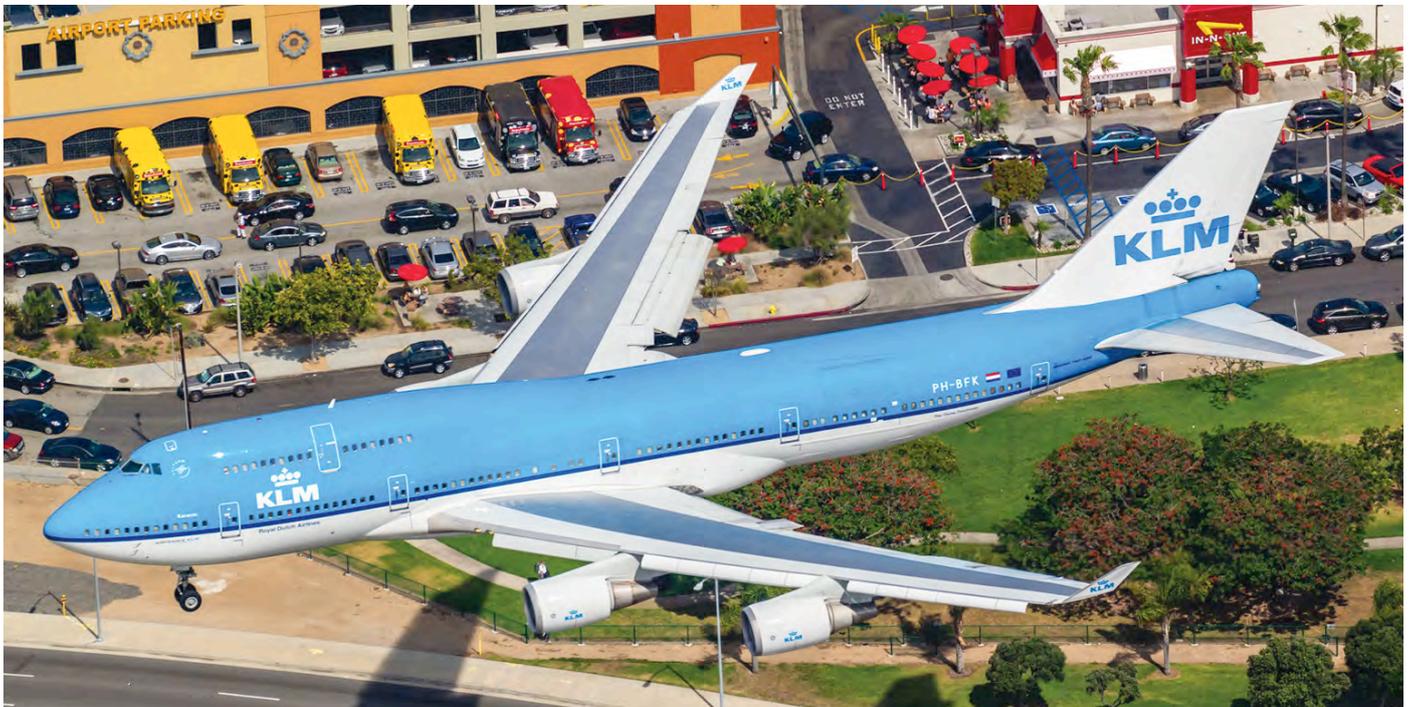
1073	28096	-4B5	N396KA	Delta Material Services	Broken-up Marana (AZ)
1074	26562	-412BDSF	ER-JAI	Aerotrans Cargo	Active
1075	26555	-412	4X-ELH	El Al Israel Airlines	Stored Tel Aviv
1076	28092	-45E	B-16408	EVA Air	Broken-up SanBernardino (CA)
1077	28093	-45E	B-16409	EVA Air	Broken-up SanBernardino (CA)
1078	25809	-436	G-CIVH	British Airways	Active
1079	25814	-436	G-CIVI	British Airways	Active
1080	28086	-430	D-ABVO	Lufthansa	Stored Twente
1081	26255	-4Q8	G-VBIG	Virgin Atlantic Airways	Active
1082	28022	-412	TF-AMV	Air Atlanta Icelandic	Stored Kemble
1083	26400	-4B5	HL7496	Korean Air	Written-off Seoul 05aug98
1084	26556	-412	N834AC	Wells Fargo Bank	Stored Rome-Griffiths (NY)
1085	26890	-422	N193UA	United Airlines	Broken-up Tupelo (MS)
1086	25784	-48EBDSF	HL7421	Asiana Airlines	Active
1087	26401	-4B5F	B-2427	Grandstar Cargo	Stored Beijing
1088	26892	-422	N194UA	United Airlines	Broken-up Tupelo (MS)
1089	28094	-437	VT-EVA	Air India	Active
1090	28195	-406M	PH-BFS	KLM	Stored Marana (AZ)
1091	27672	-4H6	TF-AAE	Air Atlanta Icelandic	Broken-up Kemble 2018
1092	26402	-4B5	HL7498	Korean Air	Broken-up SanBernardino (CA)
1093	28095	-437	VT-EVB	Air India	Active
1094	28263	-412F	TF-AMB	Saudi Arabian Airlines	Active
1905	26403	-4B5	5N-DBK	MaxAir	Stored Jakarta
1096	28367	-48EF	N419MC	Atlas Air	Active
1097	26616	-4D7	HS-TGT	Thai Airways International	Stored U-Tapao
1098	28335	-4B5	HL7473	Korean Air	Stored San Bernardino (CA)
1099	28023	-412	9V-SPK	Singapore Airlines	Written-off Taipei 31oct00
1100	28194	-4Q8	HS-STI	Orient Thai Airlines	Broken-up Xiamen 2018
1101	26557	-412BCF	N471MC	Atlas Air	Active
1102	25817	-436	G-CIVJ	British Airways	Active
1103	28284	-430	D-ABVP	Lufthansa	Stored Twente
1104	25818	-436	G-CIVK	British Airways	Active
1105	28026	-412F	N908AR	Sky Lease Cargo	Written-off Halifax 07nov18
1106	28285	-430	D-ABVR	Lufthansa	Stored Tarbes-Lourdes
1107	26404	-4B5	N785CK	Kalitta Air	Stored Oscoda (MI)
1108	27478	-436	G-CIVL	British Airways	Active
1109	28286	-430	D-ABVS	Lufthansa	Stored Twente
1110	28287	-430	D-ABVT	Lufthansa	Stored Tarbes-Lourdes
1111	27724	-4D7	HS-TGW	Thai Airways International	Active
1112	28459	-406M	PH-BFT	KLM	Active
1113	26899	-422	N195UA	United Airlines	Broken-up Tupelo (MS) 2013
1114	28709	-409	B-18201	China Airlines	Broken-up Victorville (CA)
1115	25782	-48EBDSF	HL7423	Asiana Airlines	Active

1116	28700	-436	G-CIVM	British Airways	Active
1117	28757	-41R	G-VAST	Virgin Atlantic Airways	Stored St. Athan
1118	26405	-4B5	HL7461	Korean Air	Active
1119	28754	-4J6	N523SJ	GA Telesis LLC	Broken-up Sandford (FL) '15
1120	28715	-422	N196UA	Scaled Composites	Broken-up Mojave (CA) 2013
1121	26901	-422	N197UA	United Airlines	Stored Victorville (CA)
1122	28339	-468	HZ-AIV	Saudi Arabian Airlines	Broken-up Kemble
1123	26406	-4B5F	N710CK	Kalitta Air	Active
1124	28716	-422	N198UA	Scaled Composites	Broken-up Mojave (CA) 2013
1125	25868	-4R7F	N700CK	Kalitta Air	Active
1126	28717	-422	N199UA	United Airlines	Stored Victorville (CA)
1127	28196	-406M	PH-BFU	KLM	Active
1128	28755	-4J6	B-2468	Air China	Broken-up Beijing 2014
1129	28848	-436	G-CIVN	British Airways	Active
1130	28426	-4H6	TF-AAD	Air Atlanta Icelandic	Stored Kemble
1131	28551	-48E	A6-DAW	Dubai Air Wing	Active
1132	28710	-409	B-18202	China Airlines	Stored Victorville (CA)
1133	28282	-481BDSF	B-2435	Suparna Airlines	Active
1134	27725	-4D7	HS-TGX	Thai Airways International	Active
1135	28849	-436	G-CIVO	British Airways	Active
1136	28711	-409	B-18203	China Airlines	Stored Victorville (CA)
1137	28712	-409	B-18205	China Airlines	Stored San Bernardino (CA)
1138	28340	-468	HZ-AIW	Saudi Arabian Airlines	Broken-up Tarbes-Lourdes
1139	29053	-4R7F	N582UP	UPS	Active
1140	29061	-45E	N317UA	Unical Aviation Inc.	Broken-up San Bernardino(CA)
1141	26902	-422	N104UA	United Airlines	Stored Victorville (CA)
1142	28283	-481BDSF	B-2432	Suparna Airlines	Active
1143	29101	-430	D-ABVM	Lufthansa	Stored Hamburg
1144	28850	-436	G-CIVP	British Airways	Active
1145	29030	-409	B-18206	China Airlines	Stored Victorville (CA)
1146	25820	-436	G-CIVR	British Airways	Active
1147	28427	-4H6	EC-MQK	Wamos Air	Stored Ciudad Real
1148	28851	-436	G-CIVS	British Airways	Active
1149	25821	-436	G-CIVT	British Airways	Active
1150	28428	-4H6	9M-MPL	Malaysia Airlines	Broken-up Victorville (CA) '14
1151	29111	-45E	B-16411	EVA Air	Broken-up San Bernardino (CA)
1152	28435	-4H6	EC-MRM	Wamos Air	Stored Ciudad Real
1153	26359	-446	EI-XLB	Transaero Airlines	Stored Moscow-Domodovovo
1154	25810	-436	G-CIVU	British Airways	Stored Cardiff
1155	26407	-4B5	HL7402	Korean Air	Active
1156	25819	-436	G-CIVV	British Airways	Active
1157	25822	-436	G-CIVW	British Airways	Stored Cardiff
1158	28959	-4F6	ER-BAC	Terra Avia	Stored Jakarta
1159	29112	-45E	B-16412	EVA Air	Stored San Bernardino (CA)



A short-lived carrier was Cargo B Airlines, which existed between 2007 and 2009. Over the years they operated two B747-200Fs and two B747-400Fs. The two -400Fs were leased from Nippon Cargo Airlines. During its tenure with Cargo B the plane was registered OO-CBD. After the journey ended in Belgium it was registered as N385NY and used by NCA, first still in the livery of Cargo B. In 2010 it was sold to AirBridgeCargo and became VQ-BIA. Now it is scheduled to be delivered in the coming weeks to ASL Airlines as OE-IFM. (Schiphol, 29 July 2009, Chris Ufkes)

1160	28552	-48E	HL7428	Asian Airlines	Active
1161	27602	-4F6BDSF	TF-AMN	Air Atlanta Icelandic	Active
1162	28468	-444	N284KW	Alta Airlines Holding Inc.	Stored Teruel
1163	26408	-4B5F	N716CK	Kalitta Air	Active
1164	28705	-4D7	HS-TGY	Thai Airways International	Stored U-Tapao
1165	29252	-47UF	N475MC	Atlas Air	Active
1166	26360	-446	EI-XLD	Rossiya Russian Airlines	Active
1167	28960	-4F6	VQ-BHX	Transaero Airlines	Broken-up Melbourne (FL)2016
1168	26900	-422	N107UA	United Airlines	Stored Victorville (CA)
1169	29253	-47UF	N492MC	Atlas Air	Active
1170	26409	-4B5	5N-HMM	MaxAir	Stored Jakarta
1171	26903	-422	A6-HRM	Dubai Air Wing	Active
1172	28852	-436	G-CIVX	British Airways	Stored Teruel
1173	26558	-412F	ER-BBJ	Aerotrans Cargo	Active
1174	28961	-4F6	A9C-HAK	Government of Bahrain	Active
1175	28756	-4J6	B-2469	Air China	Broken-up Victorville (CA)
1176	29219	-409	N815JL	AAR Corporation	Broken-up Victorville (CA)
1177	29406	-41R	G-VXLG	Virgin Atlantic Airways	Stored Manchester
1178	28853	-436	G-CIVY	British Airways	Active
1179	29254	-47UF	N493MC	Atlas Air	Active
1180	26910	-419	EC-MDS	Wamos Air	Active
1181	29070	-4J6	B-2470	Air China	Broken-up Victorville (CA)
1182	28341	-468	HZ-AIX	Saudi Arabian Airlines	Broken-up Kemble 2017
1183	28854	-436	G-CIVZ	British Airways	Stored Cardiff
1184	29255	-47UF	N477MC	Atlas Air	Active
1185	26906	-422	A6-MMM	Dubai Air Wing	Active
1186	29031	-409	N508BB	AAR Corporation	Broken-up Victorville (CA)
1187	29119	-444	EI-XLZ	Transaero Airlines	Stored Teruel
1188	26361	-446BCF	N745CK	Kalitta Air	Active
1189	29729	-4R7F	I-SWIA	SW Italia	Active
1190	28855	-436	G-BYGA	British Airways	Stored Cardiff
1191	29492	-430	D-ABVU	Lufthansa	Active
1192	29261	-47UF	N408MC	Atlas Air	Active
1193	26908	-422	N116UA	United Airlines	Stored Victorville (CA)
1194	28856	-436	G-BYGB	British Airways	Stored Cardiff
1195	25823	-436	G-BYGC	British Airways	Stored Cardiff
1196	28857	-436	G-BYGD	British Airways	Stored Cardiff
1197	28810	-422	N117UA	United Airlines	Broken-up Tupelo (MS)
1198	28858	-436	G-BYGE	British Airways	Stored Cardiff
1199	29262	-481	TF-AAC	Air Atlanta Icelandic	Stored Kemble
1200	25824	-436	G-BYGF	British Airways	Stored London-Heathrow
1201	28811	-422	N118UA	United Airlines	Broken-up Tupelo (MS) 2018
1202	26362	-446	EI-XLE	Rossiya Russian Airlines	Stored Sharjah
1203	29730	-4R7F	4K-SW888	Silk Way West Airlines	Active
1204	29263	-481	N263SG	Atlas Air	Stored Marana (AZ)
1205	29493	-430	D-ABVW	Lufthansa	Stored Hamburg
1206	26477	-451	N671US	Delta Air Lines	Stored Marana (AZ)
1207	28812	-422	N480MC	Atlas Air	Active
1208	29899	-446	EI-XLG	Rossiya Russian Airlines	Stored Sharjah
1209	29166	-422	N120UA	United Airlines	Stored Victorville (CA)
1210	27603	-48EF	TF-AMU	Astral Aviation	Active
1211	29167	-422	N121UA	United Airlines	Broken-up Tupelo (MS) 2018
1212	28859	-436	G-BYGG	British Airways	Stored London-Heathrow
1213	29256	-47UF	N476MC	Atlas Air	Active
1214	28706	-4D7	HS-TGZ	Thai Airways International	Stored Bangkok
1215	29328	-458	4X-ELD	El Al Israel Airlines	Stored Tel Aviv
1216	28342	-468	HZ-AIY	Saudi Arabian Airlines	Broken-up Kemble 2016
1217	29257	-47UF	N496MC	Atlas Air	Active
1218	29168	-422	N122UA	United Airlines	Stored Victorville (CA)
1219	29906	-409	N948JM	Jet Midwest Group LLC	Broken-up Victorville (CA)
1220	29258	-47UF	N497MC	Atlas Air	Active
1221	28813	-422	N127UA	United Airlines	Stored Victorville (CA)
1222	29731	-4R7F	LX-OCV	Cargolux	Active
1223	30267	-451	N672US	Delta Air Lines	Stored Marana (AZ)
1224	28032	-412F	A6-GGP	Dubai Air Wing	Active
1225	28460	-406M	PH-BFV	KLM	Active
1226	30268	-451	N673US	Delta Air Lines	Stored Marana (AZ)
1227	29259	-47UF	N498MC	Polar Air Cargo	Active
1228	29375	-419BDSF	HL7620	Asiana Airlines	Active



KLM has flown 22 passenger B747-400s over the years, including 17 combis. One of them was this PH-BFK, which was delivered to the airline in May 1991. It was withdrawn from use in September 2016 and then ferried and stored at Mojave (CA). (Los Angeles (CA), 2015, Patrick Vercauteren)

1229	29071	-4J6M	B-2471	Air China	Stored Beijing
1230	25564	-438	VH-OJS	QANTAS	Stored Mojave (CA)
1231	29732	-4R7F	4K-SW008	Silk Way West Airlines	Active
1232	30269	-451	N674US	Delta Air Lines	Stored Marana (AZ)
1233	25565	-438	VH-OJT	QANTAS	Stored Mojave (CA)
1234	27650	-446	EI-XLH	Rossiya Russian Airlines	Active
1235	30400	-4R7F	LX-RCV	Cargolux Italia	Active
1236	27100	-446	EI-XLC	Rossiya Russian Airlines	Active
1237	29868	-430	D-ABVX	Lufthansa	Stored Twente
1238	30201	YAL-1A	00-0001	United States Air Force	B/u Davis-Monthan (AZ) 2014
1239	25566	-438	VH-OJU	QANTAS	Stored Moses Lake (WA)
1240	29260	-47UF	N499MC	Atlas Air	Active
1241	29950	-412	EI-XLK	Rossiya Russian Airlines	Stored Melbourne (FL)
1242	30558	-47UF	N409MC	Atlas Air	Active
1243	30158	-4J6	B-2472	Air China	Active
1244	30559	-47UF	N412MC	Atlas Air	Active
1245	30023	-422	5N-ADM	MaxAir	Stored Marana (AZ)
1246	26416	-4B5F	N701CK	Kalitta Air	Active
1247	28432	-4H6	9M-MPN	Malaysia Airlines	Stored Kuala Lumpur
1248	26411	-4B5F	N702CK	Kalitta Air	Active
1249	30759	-409F	B-18701	China Airlines	Active
1250	30322	-481	N322SG	Atlas Air	Stored Marana (AZ)
1251	30607	-45EF	N485MC	Atlas Air	Active
1252	30760	-409F	B-18702	China Airlines	Stored Victorville (CA)
1253	27648	-446	EI-XLI	Rossiya Russian Airlines	Active
1254	30761	-409F	B-18703	China Airlines	Stored Victorville (CA)
1255	30804	-467F	VP-BCH	Sky Gates Airlines	Active
1256	28027	-412F	9V-SFI	Singapore Airlines Cargo	Active
1257	30808	-46NF	N450PA	Polar Air Cargo	Active
1258	30454	-406M	PH-BFW	KLM	Active
1259	30809	-46NF	N451PA	Polar Air Cargo	Active
1260	30810	-46NF	N452PA	Polar Air Cargo	Active
1261	29869	-430	D-ABVY	Lufthansa	Stored Frankfurt
1262	27645	-446	EI-XLF	Rossiya Russian Airlines	Active
1263	30762	-409F	B-18705	China Airlines	Stored Victorville (CA)
1264	29870	-430	D-ABVZ	Lufthansa	Stored Hamburg
1265	28343	-468	HZ-HM1	Saudi Arabian Royal Flight	Active
1266	28031	-412	EI-XLL	Transaero Airlines	Stored Teruel
1267	30763	-409F	B-18706	China Airlines	Active
1268	30885	-443	N.....	Atlas Air	To be delivered soon
1269	30764	-409F	B-18707	China Airlines	Active
1270	28028	-412	EI-XLM	Rossiya Russian Airlines	Active

1271	32571	-467F	VP-BCI	Sky Gates Airlines	Active
1272	32337	-443	G-VGAL	Virgin Atlantic Airways	Stored Ciudad Real
1273	32369	-4D7	HS-TGA	Thai Airways International	Stored Bangkok
1274	32338	-443	G-VLIP	Virgin Atlantic Airways	Stored Ciudad Real
1275	32339	-443	N.....	Atlas Air	To be delivered soon
1276	28029	-412	EI-XLN	Transaero Airlines	Stored Teruel
1277	32340	-443	N.....	Atlas Air	To be delivered soon
1278	32370	-4D7	HS-TGB	Thai Airways International	Stored Bangkok
1279	30608	-45EF	N486MC	Atlas Air	Active
1280	27646	-446	EI-XLJ	Rossiya Russian Airlines	Active
1281	29733	-4R7F	LX-SCV	Cargolux Italia	Active
1282	30805	-4R7F	LX-ICL	Cargolux	Active
1283	30811	-46NF	N453PA	Polar Air Cargo	Active
1284	26412	-4B5	10001	Government of South Korea	Active
1285	26559	-412F	TC-MCT	Saudi Arabian Airlines	Stored Zaragoza
1286	26413	-4B5F	N705CK	Kalitta Air	Active
1287	32745	-41R	N744VG	Virgin Galactic	Active
1288	30765	-409F	B-18708	China Airlines	Active
1289	28025	-412	EI-XLO	Transaero Airlines	Stored Teruel
1290	28433	-4H6	YI-ASA	Iraqi Airways	Stored Baghdad
1291	27073	-4B5F	N706CK	Kalitta Air	Active
1292	32445	-430	A4O-OMN	Royal Flight of Oman	Active
1293	29871	-430	D-ABTK	Lufthansa	Stored Twente
1294	30766	-409F	B-18709	China Airlines	Active
1295	26414	-4B5F	N712CK	Kalitta Air	Active
1296	29900	-4H6	TF-AAM	Saudi Arabian Airlines	Stored Jeddah
1297	33001	-451	N675NW	Delta Air Lines	Stored Marana (AZ)
1298	28030	-412F	9V-SFK	Singapore Airlines Cargo	Active
1299	29872	-430	D-ABTL	Lufthansa	Stored Twente
1300	30767	-409F	B-18710	China Airlines	Active
1301	29901	-4H6	TF-AAH	Air Atlanta Icelandic	Stored Kemble
1302	30455	-406M	PH-BFY	KLM	Stored Mojave (CA)
1303	33002	-451	N676NW	Delta Air Lines	Stored Marana (AZ)
1304	32837	-47UF	N415MC	Atlas Air	Active
1305	29170	-48EF	HL7436	Asiana Airlines	Active
1306	32803	-41BF	B-2473	China Southern Airlines	Active
1307	32838	-47UF	N416MC	Polar Air Cargo	Active
1308	32909	-438ER	VH-OEE	QANTAS	Stored Mojave (CA)
1309	30609	-45EF	N487MC	Polar Air Cargo	Active
1310	30812	-46NF	N454PA	Polar Air Cargo	Active
1311	30401	-4R7F	LX-TCV	Cargolux Italia	Active
1312	32804	-41BF	B-2461	China Southern Airlines	Active
1313	32910	-438ER	VH-OEF	QANTAS	Stored San Bernadino(CA)
1314	30768	-409F	B-18711	China Airlines	Active



Another B747-400 with an awesome livery was this China Airlines B-18210, and was painted into this Boeing Dreamliner-livery between 2004 and 2012. It is still part of the fleet, but is stored at Taipei as a result of the COVID-19 pandemic. (Los Angeles (CA), 15 June 2010, Anton Homma)

1315	32866	-428ERF	TC-ACR	ACT Airlines	Active
1316	32809	-4B5F	N715CK	Kalitta Air	Active
1317	33096	-428ERF	N903AR	Sky Lease Cargo	Active
1318	32867	-428ERF	TC-ACM	Saudi Arabian Airlines	Active
1319	32840	-47UF	N418MC	Atlas Air	Active
1320	32911	-438ER	VH-OEG	QANTAS	Stored Mojave (CA)
1321	32912	-438ER	VH-OEH	QANTAS	Stored Mojave (CA)
1322	32897	-412F	TC-MCL	ACT Airlines	Written-off Bishkek 16jan17
1323	32808	-4B5F	N713CK	Kalitta Air	Active
1324	33684	-4P8	A9C-HMK	Government of Bahrain	Active
1325	32868	-428	TF-AAK	Saudi Arabian Airlines	Stored Jeddah
1326	33694	-406ERF	PH-CKA	KLM	Active
1327	32869	-428	TF-AAJ	Saudi Arabian Airlines	Stored Jeddah
1328	33695	-406ERF	PH-CKB	KLM	Active
1329	33515	-4B5ERF	N445MC	Atlas Air	Active
1330	32913	-438ER	VH-OEI	QANTAS	Stored Mojave (CA)
1331	32914	-438ER	VH-OEJ	QANTAS	Stored Marana (AZ)
1332	33729	-409F	B-18712	China Airlines	Active
1333	32898	-412F	9V-SFM	Singapore Airlines Cargo	Active
1334	33731	-409F	B-18715	China Airlines	Active
1335	33770	-4D7	HS-TGF	Thai Airways International	Stored U-Tapao
1336	32746	-41R	ER-BAE	Terra Avia	Stored Jakarta
1337	33771	-4D7	HS-TGG	Thai Airways International	Stored Bangkok
1338	33516	-4B5ERF	OE-IFB	ASL Airlines Belgium	Active
1339	33732	-409F	B-18716	China Airlines	Active
1340	33517	-4B5ERF	N446MC	Atlas Air	Active
1341	33696	-406ERF	PH-CKC	KLM	Active
1342	32899	-412F	9V-SFN	Singapore Airlines Cargo	Active
1343	32871	-428	TF-AAL	Saudi Arabian Airlines	Active
1344	32870	-428ERF	G-CLBA	CargoLogicAir	Active
1345	33827	-4R7F	LX-UCV	Cargolux	Active
1346	30769	-409F	B-18717	China Airlines	Active
1347	33945	-4B5ERF	OE-IFD	ASL Airlines Belgium	Active
1348	30770	-409F	B-18718	China Airlines	Active
1349	32900	-412F	9V-SFO	Singapore Airlines Cargo	Active
1350	33946	-4B5ERF	HL7601	Korean Air	Active
1351	33748	-446F	HL7616	Asiana Airlines	Active
1352	33749	-446F	G-CLAA	CargoLogicAir	Active
1353	33734	-409	B-18210	China Airlines	Stored Taipei
1354	33735	-409	B-18211	China Airlines	Stored Taipei
1355	33739	-409F	B-18719	China Airlines	Active
1356	34150	-467F	LX-GCL	Cargolux	Active
1357	33736	-409	B-18212	China Airlines	Stored Taipei
1358	33737	-409	B-18215	China Airlines	Stored Taipei
1359	33733	-409F	B-18720	China Airlines	Active
1360	30416	-481F	N401KZ	Kalitta Air	Active
1361	33097	-428ERF	N904AR	Sky Lease Cargo	Active
1362	33738	-409F	B-18721	China Airlines	Active
1363	34017	-481F	N402KZ	Kalitta Air	Active
1364	32902	-412F	9V-SFP	Singapore Airlines Cargo	Active
1365	34301	-4B5ERF	HL7602	Korean Air	Active
1366	34235	-4R7F	LX-VCV	Cargolux	Active
1367	34239	-4FTF	B-2475	Air China Cargo	Active
1368	34302	-4B5ERF	HL7603	Korean Air	Active
1369	32901	-412F	9V-SFO	Singapore Airlines Cargo	Active
1370	29907	-48EF	HL7604	Asiana Airlines	Written-off Jeju Island 28jul11
1371	28434	-4H6F	VP-BCR	Silk Way West Airlines	Active
1372	34265	-409F	B-18722	China Airlines	Active
1373	34240	-4FTF	B-2476	Air China Cargo	Active
1374	29902	-4H6F	VP-BCV	Silk Way West Airlines	Active
1375	35526	-4B5ERF	HL7605	Korean Air	Active
1376	35170	-4EVERF	G-CLAE	CargoLogicAir	Stored Luxembourg
1377	35207	-40BERF	B-2425	China Cargo Airlines	Active
1378	34018	-481F	N403KZ	Kalitta Air	Active
1379	34266	-409F	B-18723	China Airlines	Active
1380	35171	-4EVERF	LX-JCV	Cargolux	Active
1381	35232	-4HAERF	OO-THA	ASL Airlines Belgium	Active
1382	35233	-406ERF	VQ-BWW	AirBridgeCargo	Active
1383	35172	-4EVERF	4X-ICA	Cargo Air Lines	Active
1384	34283	-481F	N404KZ	Atlas Air	Active



To reduce shipping times for parts of the B787, Boeing converted four B747-400s into LCFs, or Large Cargo Freighters. The planes were converted in Taiwan and are all operated by Atlas Air. This N780BA is the former B-18272 and B-162 of China Airlines, which operated as a passenger-version between 1990 and 2004. It started its oversized-cargo flying days in March 2007, first operated by Evergreen Airlines and from 2010 by Atlas. (Photo by Boeing)

1385	30771	-409F	B-18725	China Airlines	Active
1386	35234	-4HAERF	OO-THB	ASL Airlines Belgium	Active
1387	35173	-48EVERF	B-2422	SF Airlines	Active
1388	35667	-44AF	N570UP	UPS	Active
1389	35235	-4HAERF	B-1340	Suparna Airlines	Active
1390	35804	-4R7F	LX-WCV	Cargolux	Active
1391	35169	-48EVERF	4X-ICD	Cargo Air Lines	Active
1392	35208	-40BERF	B-2426	China Cargo Airlines	Active
1393	35668	-44AF	N571UP	UPS	Written-off Dubai 03sep10
1394	36132	-4KZF	N405KZ	Atlas Air	Active
1395	35420	-46NERF	VP-BIG	AirBridgeCargo	Active
1396	35669	-44AF	N572UP	UPS	Active
1397	36133	-4KZF	N406KZ	Atlas Air	Active
1398	35174	-48EVERF	B-2423	SF Airlines	Active
1399	35236	-4HAERF	OO-THD	ASL Airlines Belgium	Active
1400	35421	-46NERF	VP-BIK	AirBridgeCargo	Active
1401	35662	-44AF	N573UP	UPS	Active
1402	35237	-4HAERF	VP-BIM	AirBridgeCargo	Active
1403	35663	-44AF	N574UP	UPS	Active
1404	37299	-467ERF	B-LIA	Cathay Pacific Airways	Active
1405	36134	-4KZF	N407KZ	Atlas Air	Active
1406	35664	-44AF	N575UP	UPS	Active
1407	35805	-4R7F	LX-YCV	Cargolux Italia	Active
1408	36135	-4KZF	N508KZ	Atlas Air	Active
1409	36867	-467ERF	B-LIB	Cathay Pacific Airways	Active
1410	35665	-44AF	N576UP	UPS	Active
1411	36784	-4KZF	OE-IFK	ASL Airlines	To be delivered soon
1412	35666	-44AF	N577UP	UPS	Active
1413	36868	-467ERF	B-LIC	Cathay Pacific Airways	Active
1414	36969	-467ERF	B-LID	Cathay Pacific Airways	Active
1415	36870	-467ERF	B-LIE	Cathay Pacific Airways	Active
1416	37303	-4HQERF	LX-ECV	Cargolux	Active
1417	36871	-467ERF	B-LIF	Cathay Pacific Airways	Active
1418	36785	-4KZF	OE-IFM	ASL Airlines	To be delivered soon
1419	37304	-4HQERF	N782CK	Kalitta Air	Active
1420	35808	-8R7F	LX-VCA	Cargolux	Active
1421	36136	-8KZF	JA11KZ	Nippon Cargo Airlines	Active
1422	36137	-8KZF	JA12KZ	Nippon Cargo Airlines	Active
1423	35806	-8R7F	LX-VCB	Cargolux	Active
1424	35807	-8R7F	LX-VCC	Cargolux	Active
1425	37132	-8HTF	HL7609	Korean Air	Active

1426	37133	-8HTF	HL7610	Korean Air	Active
1427	39238	-867F	B-LJA	Cathay Pacific Airways	Active
1428	39239	-867F	B-LJB	Cathay Pacific Airways	Active
1429	37562	-87UF	HZ-AI3	Saudi Arabian Airlines	Active
1430	37580	-8HVF	VQ-BGZ	AirBridgeCargo	Active
1431	36138	-8KZF	JA13KZ	Nippon Cargo Airlines	Active
1432	37563	-87UF	HZ-AI4	Saudi Arabian Airlines	Active
1433	39240	-867F	B-LJC	Cathay Pacific Airways	Active
1434	38636	-8JKBBJ	9K-GAA	Kuwait Airways Amiri Flight	Active
1435	37826	-830	N828BA	Boeing	Stored Victorville (CA)
1436	35809	-8R7F	LX-VCD	Cargolux	Active
1437	37564	-87UF	A7-BGA	Qatar Airways	Active
1438	39241	-867F	B-LJD	Cathay Pacific Airways	Active
1439	37544	-8KBBBJ	A7-HHE	Qatar Airways Amiri Flight	Active
1440	37500	-8Z5BBJ	CN-MBH	Government of Morocco	Active
1441	39242	-867F	B-LJE	Cathay Pacific Airways	Active
1442	37561	-87UF	N856GT	Atlas Air	Active
1443	37827	-830	D-ABYA	Lufthansa	Active
1444	37568	-87UF	N857GT	Polar Air Cargo	Active
1445	37569	-87UF	N858GT	Polar Air Cargo	Active
1446	40065	-8JABBJ	N458BJ	Boeing	Stored Basle-Mulhouse
1447	39243	-867F	B-LJF	Cathay Pacific Airways	Active
1448	37581	-8HVF	VQ-BLQ	AirBridgeCargo	Active
1449	37075	-8KBBBJ	A7-HBJ	Qatar Airways Amiri Flight	Active
1450	39244	-867F	B-LJG	Cathay Pacific Airways	Active
1451	37828	-830	D-ABYC	Lufthansa	Active
1452	37668	-8HVF	VQ-BLR	AirBridgeCargo	Active
1453	37829	-830	D-ABYD	Lufthansa	Active
1454	35810	-8R7F	LX-VCE	Cargolux	Active
1455	37570	-87UF	N850GT	Atlas Air	Active
1456	37830	-830	D-ABYF	Lufthansa	Stored Frankfurt
1457	39245	-867F	B-LJH	Cathay Pacific Airways	Active
1458	37565	-87UF	N851GT	Polar Air Cargo	Active
1459	41060	-8LQBBJ	V8-BKH	Sultan's Flight of Brunei	Active
1460	39247	-867F	B-LJI	Cathay Pacific Airways	Active
1461	35811	-8R7F	LX-VCF	Cargolux	Active
1462	37571	-87UF	N852GT	Polar Air Cargo	Active
1463	37669	-8HVF	VQ-BRH	AirBridgeCargo	Active
1464	39246	-867F	B-LJJ	Cathay Pacific Airways	Active
1465	35812	-8R7F	LX-VCG	Cargolux	Active
1466	39749	-8H0BBJ	A4O-HMS	Royal Flight of Oman	Stored Waco (TX)
1467	37572	-87UF	N853GT	Polar Air Cargo	Active
1468	42096	-8ZVBBJ	TC-TRK	Government of Turkey	Active
1469	37394	-8KZF	JA14KZ	Nippon Cargo Airlines	Active
1470	37831	-830	D-ABYG	Lufthansa	Active



The passenger-version of the B747-8 hasn't become the success Boeing envisioned, with only Air China, Korean Air and Lufthansa as operators. B-2485 has been on and off duty during the COVID-19 pandemic, but is now mostly active. It was delivered to China in September 2014. (Shanghai-Hongqiao, 6 October 2019, Anton Homma)



The largest B747-8F operator is UPS, which currently has a fleet of sixteen and is expecting a further two. This N610UP entered service in June 2018. (Hong Kong, 26 January 2019, Anton Homma)

1471	37566	-87UF	N854GT	Atlas Air	Active
1472	37832	-830	D-ABYH	Lufthansa	Active
1473	35821	-8R7F	LX-VCH	Cargolux	Active
1474	37654	-8B5F	HL7617	Korean Air	Active
1475	37833	-830	D-ABYI	Lufthansa	Stored Hamburg
1476	37567	-87UF	N855GT	Atlas Air	Active
1477	37834	-830	D-ABYJ	Lufthansa	Active
1478	35822	-8R7F	LX-VCI	Cargolux	Active
1479	36139	-8KZF	JA15KZ	Nippon Cargo Airlines	Active
1480	37835	-830	D-ABYK	Lufthansa	Active
1481	37655	-8B5F	HL7623	Korean Air	Active
1482	37670	-8HVF	VQ-BRJ	AirBridgeCargo	Active
1483	43394	-867F	B-LJK	Cathay Pacific Airways	Active
1484	43536	-867F	B-LJL	Cathay Pacific Airways	Active
1485	37393	-8KZF	JA16KZ	Nippon Cargo Airlines	Active
1486	43825	-867F	B-LJM	Cathay Pacific Airways	Active
1487	36140	-8KZF	JA17KZ	Nippon Cargo Airlines	Active
1488	37656	-8B5F	HL7624	Korean Air	Active
1489	36141	-8KZF	JA18KZ	Nippon Cargo Airlines	Active
1490	38077	-8R7F	LX-VCJ	Cargolux	Active
1491	38078	-8R7F	LX-VCK	Cargolux	Active
1492	37836	-830	D-ABYL	Lufthansa	Active
1493	44444	-83QF	VQ-BVB	Silk Way West Airlines	Active
1494	37837	-830	D-ABYM	Lufthansa	Stored Frankfurt
1495	37501	-8Z5BBJ	A7-HHF	Qatar Airways Amiri Flight	Active
1496	44937	-83QF	VQ-BVC	Silk Way West Airlines	Active
1497	37838	-830	D-ABYN	Lufthansa	Stored Frankfurt
1498	37841	-830	D-ABYO	Lufthansa	Active
1499	41191	-89L	B-2485	Air China	Active
1500	37839	-830	D-ABYP	Lufthansa	Active
1501	60117	-83QF	VQ-BFU	AirBridgeCargo	Active
1502	60118	-83QF	VQ-BFE	AirBridgeCargo	Active
1503	37840	-830	D-ABYQ	Lufthansa	Stored Frankfurt
1504	35823	-8R7F	LX-VCL	Cargolux	Active
1505	60687	-867F	VQ-BVR	AirBridgeCargo	Active
1506	40905	-8B5	HL7630	Korean Air	Stored Seoul-Incheon
1507	41192	-89L	B-2486	Air China	Active
1508	44932	-89L	B-2487	Air China	Active
1509	40906	-8B5	HL7631	Korean Air	Stored Seoul-Gimpo
1510	41193	-89L	B-2479	Air China	Active
1511	37842	-830	D-ABYR	Lufthansa	Stored Frankfurt
1512	37843	-830	D-ABYS	Lufthansa	Stored Frankfurt
1513	37844	-830	D-ABYT	Lufthansa	Stored Frankfurt
1514	37845	-830	D-ABYU	Lufthansa	Active

1515	41847	-89L	B-2481	Air China	Active
1516	37657	-8B5F	HL7629	Korean Air	Active
1517	44933	-89L	B-2482	Air China	Stored Beijing
1518	41194	-89L	B-2480	Air China	Stored Beijing
1519	42416	VC-25B		United States Air Force	At Lackland AFB (TX)
1520	60119	-83QF	G-CLAB	CargoLogicAir	Active
1521	60120	-83QF	VQ-BWY	Silk Way West Airlines	Active
1522	61169	-8R7F	LX-VCM	Cargolux	Active
1523	42417	VC-25B		United States Air Force	Stored at Victorville (CA)
1524	40907	-8B5	HL7632	Korean Air	Stored Seoul-Incheon
1525	40908	-8B5	HL7633	Korean Air	Stored Seoul-Incheon
1526	62441	-867F	N859FT	Atlas Air	Active
1527	60407	-8B5	HL7636	Korean Air	Stored Seoul-Gimpo
1528	37653	-8B5	HL7639	Korean Air	Active
1529	40909	-8B5	HL7637	Korean Air	Stored Seoul-Incheon
1530	62708	-83QF	VQ-BBH	Silk Way West Airlines	Active
1531	60408	-8B5	HL7638	Korean Air	Stored Busan
1532	62823	-867F	B-LJN	Cathay Pacific Airways	Active
1533	62709	-83QF	VQ-BBM	Silk Way West Airlines	Active
1534	38076	-8R7F	LX-VCN	Cargolux	Active
1535	63199	-8F	A7-BGB	Qatar Airways	Active
1536	63378	-83QF	VP-BBL	Silk Way West Airlines	Active
1537	60409	-8B5	HL7642	Korean Air	Stored Seoul-Incheon
1538	60410	-8B5	HL7643	Korean Air	Stored Seoul-Incheon
1539	60411	-8B5	HL7644	Korean Air	Stored Seoul-Incheon
1540	63695	-83QF	VP-BBP	AirBridgeCargo	Active
1541	63781	-83QF	VP-BBY	AirBridgeCargo	Active
1542	64265	-8F	N607UP	UPS	Active
1543	64252	-8F	N605UP	UPS	Active
1544	64253	-8F	N606UP	UPS	Active
1545	64255	-8F	N608UP	UPS	Active
1546	64254	-8F	N609UP	UPS	Active
1547	64256	-8F	N610UP	UPS	Active
1548	64257	-8F	N611UP	UPS	Active
1549	64258	-8F	N612UP	UPS	Active
1550	64259	-8F	N613UP	UPS	Active
1551	63787	-8F	VP-BJS	AirBridgeCargo	Active
1552	64260	-8F	N614UP	UPS	Active
1553	64261	-8F	N615UP	UPS	Active
1554	64262	-8F	N616UP	UPS	Active
1555	64263	-8F	N617UP	UPS	Active
1556	64264	-8F	N618UP	UPS	Active
1557	65787	-8F	N620UP	UPS	Active
1558	63784	-8F	N624UP	UPS	On order
1559	63785	-8F	N621UP	UPS	Active
1560	65784	-8F	N622UP	UPS	On order



Testflown by Boeing as N775BA, this B747-8F was delivered factory fresh to Korean Air Cargo as HL7624 on 31 December 2013. The freighter is mostly flown in the region of South East Asia and the USA, but from time to time can be seen in Europe too. It is seen here while reducing speed after touch down at Amsterdam-Schiphol on 28 June 2020. (Gert Jan Mentink)

From the Haitian headache files:

Part one: 1942-1964



Wim Sonneveld

The Haitian presidential Boeing 307 with serial 2003 can be seen here in COHATA colours, since it was used for passenger transport by COHATA before being sold as an unnecessary extravaganza by the Corps d'Aviation d'Haïti in exchange for a number of T-6G Texans. This happens to be the only one of ten Boeing 307s still surviving, and can now be found in the National Air & Space Museum in Washington (DC) as NC19903.

Headaches do not end with Bolivia. During the lock-down we have been trying to sort out the serials of the military database of Haiti, or Corps d'Aviation d'Haïti, as the air force used to be known. A planned visit to Haiti awoke interest in the air corps of this poorly covered country. A report of this visit can be found in Scramble 372. Not a single trip report has been found from the country ever since and the aircraft found during the visit in April 2010 at the Ancient Aéroport Militaire (the old military airfield, formerly known as Bowen Field) had all disappeared from Google Earth by September 2013. Presumably, these have either been scrapped or shoved into Port-au-Prince harbour to construct new quays, like most of the rubbish left by the 2010 earthquake... The corps itself had already been disbanded in 1995, although plans to revive the armed forces, including the air corps were announced in 2017.

The journey

Information about the Corps d'Aviation d'Haïti is extremely limited. Few publications, notably John M Andrade's Latin-American Military Aviation (1982) and Daniel P Hagedorn's Central American and Caribbean Air Forces (1993) provide insight into the build-up of the Haitian air corps from its early humble beginnings. Data obtained from the airframes in 2010 proved especially useful to get a better understanding of origins of the latest aircraft. However, it was Bram Risseeuw's private research that has been instrumental to even consider writing this article about the aircraft of the Corps d'Aviation d'Haïti. Join us on a journey of official US government deliveries, legal and illegal activities by aircraft brokers, and lastly, impounded aircraft, used for smuggling illegal substances via Haiti.

The system?

As aircraft enthusiasts, we tend to look for a system in the way air forces register the aircraft they operate. Firstly, this assumes that there must be some sort of system because our 'western' logic demands it. Secondly, it assumes this system - or generic rule - can be obtained by studying the serials and aircraft types, or maybe the delivery dates of aircraft. Imagine the poorest, yet intriguing, country of the Western hemisphere, where animism and superstition go hand in hand with spiritualism and storytelling for centuries. Insert basic pilot's mathematics, air crew checklists, lengthy maintenance manuals and detailed operating procedures and you will start to grasp the circumstances and ingredients of the Corps d'Aviation d'Haïti. How would an orderly serial system benefit the personal air force of Haiti's strongman in any way?

Part one

Formed during World War II, the Corps d'Aviation d'Haïti took its first aircraft from the United States in 1942, after a young army lieutenant, G. Edouard Roy, had been sent to the US to receive pilot training a few years earlier at his own request. US Lend Lease Projects allowed for the head-start of the air corps and Lt Roy acted as the driving force to set up the aviation corps all along. As such, he frequently went on business trips to the United States to purchase additional aircraft. US Government support after WW2 was a small USAF-mission, training of students and in 1961 for \$127,000 aircraft repairs (MAP). The only US Government aircraft deliveries were for ten T-6Gs in 1957. Some aircraft were co-used for passenger duties by national airline COHATA.

The overview does not list the aircraft by type or serial as we usually do, but in order of delivery. This may not seem very constructive at first sight in providing a decent overview of aircraft, however, it will aid to comprehend the realities of the time and understand the research trail, particularly with the second part that will follow. Part One covers its early beginnings until 1964, which happened to be the year that strongman Francois Duvalier or "Papa Doc" declared himself "President for Life" of Haiti. As history shows, he would use unimaginable means to keep the title...

Date:	Full type:	Serial:	C/n:	Fate:	Previous id:	Remarks:	Further notes:
1942							
12jun42	O-38E	3012	1157	w/o	33-12	w/o by apr43	
12jun42	O-38E	3014	1159	w/o	33-14	w/o by apr43	
12jun42	O-38E	3015	1225		34-13	repairable 17may44	returned to service by nov48
12jun42	O-38E	4001	1213	w/o	34-1	w/o by apr43	
12jun42	O-38E	4006	1218		34-6	repairable 17may44	returned to service by nov48
12jun42	O-38E	4017	1161	w/o	33-16	w/o by apr43	

1943

18feb43	L-2B	3006		43-96	
18feb43	L-2B	3007		43-97	
18feb43	L-2B	3008	w/o	43-98	w/o 26mar43
18feb43	L-2B	3009		43-99	
17apr43	Luscombe8A	1668	1668		N67007 bought from a USAAC pilot, damaged 23nov43, repaired, in service by jan49
jul43	UC-78	43-470	4990	43-7470	re-registered to 470, opb COHATA Lend-Lease project H-127
aug43	BT-13A	788		42-88788	l/n jul50
aug43	BT-13A	789		42-88789	
aug43	BT-13A	819		42-88819	
18sep43	AT-6D	44604	88-14798	42-44604	re-registered to 604 one of these two probably w/o oct54
18sep43	AT-6D	44605	88-14799	42-46605	re-registered to 605 one of these two probably w/o oct54

Two L-2B survived until April 1950, deemed repairable. The BT-13s were Lend-Lease project H-129, the Harvards project H-128.

1945

jan45	C-45B	43-5510	5883	43-35510	l/n jul50, 1st presidential aircraft operated by COHATA
jan45	UC-78		4875	N46976	ex 43-7355 operated by COHATA
jan45	UC-78	331-922	5860	N46978	ex 43-31922
jan45	UC-78	331-988	5926	N46977	ex 43-31988
jan45	PT-19A	33700	T43-7285	43-33700	
jan45	PT-19A	33714	T43-7299	43-33714	
jan45	PT-19A	33727	T43-7312	43-33727	

Of the UC-78s, three were on strength October 1950, two of which befond repair (refer 43-470). One PT-19 crashed october 1950. The type was still on the inventory 19 May 1956, but stored.

1948

apr48	AT-11	237238	3741	42-37238	re-registered to 3741 when opb COHATA
<nov48	C-47	4262	4262	w/o N54327	ex 41-7775, opb COHATA, w/o 22jan66
?	C-45F	?	7934	44-47526	
?	AT-6B	?		(US civ)	w/o 1948, left Miami in 1948
?	SNJ-5	86-099	88-17880	civil 42-86099	damaged mid-aug54, to N9049Z, N22140

1949

?	PT-19A	?		(US civ)	delivered this year, refer notes PT-19A 33714
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The hulk of C-47A 42-23346 **9208** was purchased for \$1500 as a spares source in 1949. It was never operated in Haiti.

1950

?	BT-13A	563		(Haiti civ)	ex 42-89563, l/n may56, bought from Mr. Cassagnal
?	C-47B	5878	34137	w/o 45-0878	re-registered as 878, opb COHATA, w/o 31mar59

1951

apr51	P-51D	14916	109-28549	N1736B	ex 44-14916, reregistered as 916, to DomRep for spares
apr51	P-51D	74600	109-41140	w/o N1739B	ex 44-74600, reregistered as 600, w/o 17aug63
10jul51	P-51D	14826	109-28459	N1740B	ex 44-14826, reregistered as 826, to N551D via DomRep
10jul51	P-51	15655	109-35958	N1738B	ex 44-15655, reregistered as 655, to DomRep for spares

1952

jul52	AT-11	3516	3516	NC65411	ex 42-37136, l/n jul58
<nov52	C-47A	3681	13681	CU-T100	ex 42-93736, opb by COHATA, l/n may91
by 1952	PBY-5A	?			wfu may53, opb by COHATA

1954

20mar54	Boeing 307B	2003	2003	civil	ZS-BWV bought 11dec53; presidential aircraft, opb COHATA, sold 1957 to N9307R
<1954	AT-6D	?		(US civ)	probable delivery

The Boeing 307 is now preserved at the National Air and Space Museum in Washington (DC). Two AT-6D were on strength 1 January 1955 and one was lost October 1954 (refer 44604, 44605), one AT-6D was on strength 1 June 1958.

1957

26aug57	T-6G	?	168-67	49-2963	
26aug57	T-6G	3209	168-313	civil 49-3209	to N3240N
26aug57	T-6G	?	168-501	49-3387	
26aug57	T-6G	?	168-520	49-3395	
26aug57	T-6G	?	168-600	49-3466	
05sep57	T-6G	?	168-27	49-2923	
05sep57	T-6G	?	168-156	49-3052	
05sep57	T-6G	?	168-164	49-3060	
05sep57	T-6G	?	168-194	49-3090	
05sep57	T-6G	?	168-278	49-3174	

All ten Texans were bought/delivered via USN, last US Gvt deliveries, all ten on strength 01jun58, six serviceable feb64

1960

14jul60	DC-3C	9175	9175	N147A	ex 42-23313, cvtd to DC-3C, opb COHATA, l/n may91
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1964

06sep64	T-28A	53	171-2	civil N9688C	ex 50-0196, to N514FR
14sep64	T-28A	54	171-27	civil N3336G	ex 50-0221, to N221LH

These two T-28As were indeed the 53rd and 54th deliveries to the air corps. Both were first impounded at Opa Locka, and subsequently delivered by air. A third T-28A was impounded on 01 October 1964, before it could be delivered.

Many thanks to Bram Risseeuw for sharing and discussing his decades-long research about the Corps d'Aviation d'Haiti!

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Editorial addresses

Dutch Aviation Society
Postbus 75545
1118 ZN Schiphol
The Netherlands
Fax +31-84-738 3905
<http://www.scramble.nl>

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info@scramble.nl
subscribe@scramble.nl
mil@scramble.nl
civ@scramble.nl
milupload@scramble.nl
civupload@scramble.nl
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With the airfield reopened after a month of runway renovations, sunny weather and Germany being a rather safe destination with regard to COVID-19, many spotters and photographers visited Wittmund to catch the resident fighters, including the Top Aces Alpha Jets. C-GLTO was framed on final by Jan Gerrits on a hot 7 August 2020.



Patrick Dirksen, too, needed several frames to be scored at Wittmund and sent us this shot of a landing C-GITA in the blue-grey colour scheme, on 23 July 2020. Coded 040, this is the former Luftwaffe 40+40.



A new Alpha Jet for the Top Aces contingent at Wittmund is C-GFTO, coded 038 after its construction number, like the rest of the fleet. Martin Fox was there to catch the former 40+38 touching down on 19 August 2020.



In mid August, the Israeli Air Force had its first ever deployment to Germany. Carlos Geurts was there a few days after the IDF/AF arrived and perfectly timed this shot of two of the six F-16s in the Nörvenich circuit on 20 August 2020, with F-16D 628 nearest the camera.



Heavily modified G550 Nachshon Eitam 569 is one of two in service in Israel, along three G-V Nachshon Shavits, with 122sq. Nico van der Steen recorded this closer look at the plane upon its return from the first mission out of Nörvenich on 18 August 2020.



A lot of networking and open source intelligence resulted in a near-perfect overview of what was to be expected in relation to exercise BlueWings 2020. Jonathan Verschuuren was among the hundreds at the Nörvenich fence and took this photo of F-16C Barak 534 on 17 August 2020.