

491
April 2020

Scramble



*NASC Taichung
HAI Heli-Expo 2020
World Economic Forum 2020*

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



The Maritime Museum in Karachi has had this Br1150 on display since at least 2005. After a fresh coat of paint, its old serial 53 was lost in translation. (PNS Karsaz, 28 February 2020, Jan Gerrits)



New in Karachi's Maritime Museum is this Lynx HAS3GM 21, formerly XZ227. It was last reported stored at nearby Karachi-Shara-e-Faisal/PNS Mehran in 2011 and has been added to the museum late 2019. (PNS Karsaz, 28 February 2020, Jan Gerrits)



Sitting in its own piece of land in the Pakistan Air Force Museum and looking a bit forlorn is this former Afghan Mi-24D, construction number 3532463615084. (Karachi-Shara-e-Faisal, 28 February 2020, Jan Gerrits)

Editorial

This Scramble has been made in what can only be described as a situation the world has not seen for a very long time. COVID 19 (COrona Virus Infectious Disease 2019) has got the world in a stranglehold never seen before. Countries going into lockdown to prevent the spreading of the disease, social distancing and whole economies that have been impacted by the decisions our respective governments have made.

For us aviation enthusiasts, this has a very big impact too. Airlines have pretty much stopped flying altogether or reduced their capacities to a bare minimum (see our overview in Civil News and social media channels). While you could be forgiven for thinking it's a good time to 'complete' your airline spotting (since most aircraft will be flown to their home base for storage, or elsewhere if there is not enough capacity), reality is very different. IATA already claimed that global aviation will take a hit of nearly USD 113 billion and it remains to be seen which airlines will survive this. Some airlines, like our very own KLM, have decided to accelerate the phase-out of types which were initially due at a later date: the KLM Boeing 747s have made their last flight at the end of March. And not only the airlines are affected by all this, also pretty much all air shows for this summer season have been cancelled too! Think about the RIAT, shows in the US, etc.

Issue 491 has been made putting social distancing into practise too. Three editors were present to compile the magazine in our office, while the majority was working from home. We managed to do this and looking at the result, we think it is like any other issue you are used to receiving from us.

To keep you entertained during the lockdown or self-quarantine we have pretty much all sections accounted for, bar the Propliners, Wrecks & Relics and Warbirds. We have a few articles on the recently held WEF in Davos, Heli-Expo at Anaheim (CA), the Taiwanese National Airborne Service Corps and a small edition of Triptease.

Cover Photo



The weekend this Scramble was made, was also the weekend that the last commercial KLM 747 passenger flight took place. Due to the Corona crisis, KLM decided to phase out the Jumbo much earlier than initially planned. For more than 49 years KLM passenger 747s had been a common sight at Schiphol. Each time you were at Schiphol you know you would see a blue KLM Jumbo. For many spotters it would be difficult to imagine Schiphol without any blue 747. This month's front cover is a tribute to "The Queen of the Skies". Shown is PH-BFN, which departs from Schiphol on 18 January for a flight to Paramaribo. (Walter Heukensfeld)

We are also proud to say that all our earlier announced publications are now ready for sale! That means that you can order your copy of Scramble World Airline Fleets, Scramble Military Serials and Scramble Military Transports, which were created with copious amounts of blood, sweat and tears. Check out our online shop for more details on how to order.

Important dates

Scramble 492	
Deadline copy:	17 April 2020
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Please check www.scramble.nl/shop.htm for ordering from outside the Netherlands. We offer PayPal and credit card services. Check our website for details on prices for subscribers and non-subscribers.

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



Previously with TransAsia Airways this Airbus A321 was acquired by Ural Airlines in June 2017. It made a first visit to Amsterdam on the day this photo was taken. (Amsterdam - Schiphol, 5 February 2020, Rober Eikelenboom)

Amsterdam - Schiphol

		February 2020					
01. C-GIIT	CL-605	Execaire	03	04. 9H-JLK	Falcon 7X	TAG Aviation Malta	dep TEU11
D-CRON	Ce560XLS	Silver Cloud Air	04 SCR762	A6-EER	A380-861	Emirates	05 UAE147/50
EC-MNR	CRJ1000	Air Nostrum	f/v SAS2551/552	B-16721	B777-35EER	Eva Air	f/v EVA075/6
EC-NBP	A330-343E	Evelop Airlines	SLM994/3	D-CAHO	Ce560XLS+	Air Hamburg	05 AHO289W
G-LFBD	Ce525A	Centreline	CLF956	D-IAAY	EMB500	Arcus Air	dep AZE11HI
LX-TAI	PC-12/47E	Jetfly Aviation	11	D-IAAY	EMB500	Arcus Air	06 AZE12HI/11CA
N1AL	G650ER	Air Lease	03	D-ICBA	Ce525A	ProAir	08
N300A	G550	Exxon Mobil	dep	G-FOMO	Global 6000	Luxaviation UK	05 LNX12MO
OE-GCH	Ce550	Speedwings	arr SPG417	G-HCSA	Ce525A	Bookajet	07 BOO207/201
OK-RLV	G280	Avcon Jet		N60XC	Global 6000	Xcoal Energy and Resources	05
OO-MMT	Ce560XLS	Air Service Liège	dep	N810AN	B787-8	American Airlines	f/v AAL204/3
OO-MMT	Ce560XLS	Air Service Liège	03	OE-FZC	Ce510	GlobeAir	GAC316F/021Y
OY-CRJ	CRJ200LR	Global Reach Aviation	f/v CAT5304	OK-CTP	PC-12/47E	OK Aviation Wings	
SE-RXM	B787-9	Norwegian	f/v NAX7700/1	OO-MMT	Ce560XLS	Air Service Liège	05
SU-GDT	A330-343E	Egypt Air	MSR757/8	SE-RPK	B737-8JP	Norwegian	f/v IBK3540/1
02. D-CGGG	Lj31A	Jetcall	JCL3	TC-KHG	G550	Korvez	07
D-IBJJ	Ce525A	Air Hamburg	dep AHO131D	05. 9A-JIP	Ce525A	Air Pannonia	
D-IEKU	Ce525A	Excellent Air	04 ECA2C	9H-AMB	A320-212	Avion Express (a/w)	f/v LOT267/8
EC-NBP	A330-343E	Evelop Airlines	SLM994/3	9H-JLK	Falcon 7X	TAG Aviation Malta	TEU11
F-HRAM	ERJ145LU	Aero4M	AEH103/624F	A6-EES	A380-861	Emirates	UAE149/2564
G-JZBI	B737-8MG	Jet 2	f/v EXS205/6	F-HRAM	ERJ145LU	Amelia International	AEH532F/532
LX-JFE	PC-12/47E	Jetfly Aviation	dep JFA85D	G-CKUB	Ce560XLS+	Air Charter Scotland	EDC219/161R
LY-VEH	A321-231	Avion Express (n/t)	f/v LOT267/8	G-CKUB	Ce560XLS+	Air Chart. Scotl.	06 EDC161R/219
LZ-BVL	B737-33S	BulAir (a/w)	LZB461/2	LX-EAA	Lj45	Luxemb. Air Ambulance	LRQ048H
M-IFFY	Ce510	Xead Aviation	dep	N91LA	G550	Leucadia Aviation	06
N29DE	Cirrus SF50	Deny Airlines	dep	OE-ISX	Falcon 7X	IJM	dep IJM011
N808AN	B787-8	American Airlines	f/v AAL204/3	OO-MMT	Ce560XLS	Air Service Liège	06
OY-JZI	B737-83N	Jet Time	IBK3540/1	OO-NEY	EMB545	Air Service Liège	
SE-RMB	Ce525B	Svenskt Industriflyg	dep	OO-XLS	Ce560XLS+	Air Service Liège	06
SE-RMB	Ce525B	Svenskt Industriflyg	07	OY-CRJ	CRJ200LR	Copenhagen Air Taxi	CAT5304
SU-GDT	A330-343E	Egypt Air	MSR757/8	OY-JRK	A320-231	Danish Air Transport	NAX1258/9
03. CS-EJA	Ce560XLS	EJME (Portugal)	04 JME387Y	SE-RPH	B737-8JP	Norwegian	f/v IBK3540/1
D-BERT	Falcon 2000LX	Bertelsmann	2x BFD03T/65T	VP-BSW	A321-231	Ural Airlines	f/v SVR743/4
D-BURO	CL-300	Aero-Dienst	05 ADN41L	06. V-11	G-IV	334sq	NAF11
D-CSCB	Ce560XLS+	Silver Cloud Air	SCR187	9H-VCA	CL-350	VistaJet Malta	VJT401
D-ITAN	Ce525	E-Aviation		B-LRR	A350-941	Cathay Pacific	f/v CPA271/0
EC-NBP	A330-343E	Evelop Airlines	05 SLM994/3	C-GNDN	G650	Skyservice Aviation	14 SYB9182/3
G-HCSA	Ce525A	Bookajet	04 BOO104/207	D-AHOX	ERJ135BJ	Air Hamburg	AHO776V
HB-VPR	EMB505	Family Airline	04	D-CDDD	Ce560XLS+	DC Aviation	07 DCS713
I-ADJX	ERJ195LR	Air Dolomiti	f/v DLH2300/1	EC-NBP	A330-343E	Evelop Airlines	08 SLM994/3
N1DM	G280	Macneil Aviation	07	G-STWB	BAe125-750	Voluxis	07 VXS606/7
N29DE	Cirrus SF50	Deny Airlines	26	M-OBIL	Ce525C	Ulla Popken Fashion	
N818GC	G450	Gaw Capital Advisors	f/v 05	N355EE	EMB505	Embraer Executive	
N848JA	G550	Executive Jet Mgmt	f/v 04 EJM848	N809AA	B787-8	American Airlines	f/v AAL204/3
OE-FZC	Ce510	GlobeAir	04 GAC427D/316E	OE-FBD	Ce510	GlobeAir	GAC435G/324H
OE-HNB	CL-300	Int'l Jet Management	04 IJM071	OK-JRT	Ce680	Smartwings	TVS18J/19J
OE-ICD	A320-214	EasyJet Europe	f/v EJU4567/8	OM-TSG	B737-82R	Smartwings	CSA618/9
OO-MMT	Ce560XLS	Air Service Liège	04	OO-MMT	Ce560XLS	Air Service Liège	16
SE-RPG	B737-8JP	Norwegian	f/v IBK3540/1	SE-RPT	B737-8JP	Norwegian	f/v NAX1258/9
T7-MSP	EMB505	Tulip Wings	05	07. ZE700	BAe146 CC2	32(TR)sq	RRR1906
TC-LLF	B787-9	Turkish Airlines	THY1953/4	D-CVAA	PC-24	Volkswagen	09 WGT3C
XA-FEM	G550	Servicios Aereos	04	D-IAAY	EMB500	Arcus Air	08 AZE12CA/19SU
YU-FNR	Ce525	Eagle Express	04 EES300	EJ-CORE	ERJ135BJ	Gain Jet Ireland	09 GJI65R
				N805TM	G650ER	Toyota Motor Sales USA	23
				OO-NRG	R44	STB Logistics	
				SE-RMB	Ce525B	Svenskt Industriflyg	12

SE-RRS	B737-8JP	Norwegian	f/v NAX4257/8	YU-MPC	Ce525	MPC Holding	
08.V-11	G-IV	334sq	NAF11	13.9H-FGV	EMB500	Luxwing	14 LWG792/702
D-CAWX	Ce680	Aerowest		9H-JLK	Falcon 7X	TAG Aviation Malta	14 TEU11
D-CEIS	Ce680	Eisele Flugdienst	EFD6S	9H-VCL	CL-350	VistaJet Malta	14 VJT418
HB-JVS	ERJ190LR	Helvetic	f/v SWR734/5	D-ALXX	A319-115X	K5 Aviation	f/v KAY52
OK-BEE	Beech 400A	JetBee Czech	09 JBC818B/800B	D-BOOC	Ce750	Air X Charter Germany	AXG1308/9
OK-BII	Beech 400A	JetBee Czech	09 JBC800A/818C	D-CGAA	Ce560XLS+	Air Hamburg	14 AHO232M
OO-JUK	Falcon 7X	Flying Group	10 FYG62K/211	D-CMMP	EMB505	Luxaviation Germany	14 LXG55MP
OO-XLS	Ce560XLS+	Air Service Liège	11	D-ITAN	Ce525	E-Aviation	
09.EC-NBP	A330-343E	Evelop Airlines	12 SLM994/3	EC-NBP	A330-343E	Evelop Airlines	14 SLM994/3
ES-SAQ	A320-214	Smartlynx Estonia (a/w)	NAX1258/9	G-FXDM	Beech 400XT	FlairJet	FLJ814
G-JZBR	B737-8MG	Jet 2 Holidays	f/v EXS205/6	G-HCSA	Ce525A	Bookajet	14 BOO208/206
M-FALC	Falcon 7X	Premier Falcon		M-MJLD	Ce680A	CCC Isle of Man	14
N450CE	G450	Executive Jet Mgmt	14 EJM45	M-OEPL	Falcon 7X	Auburn Oak Nigeria	14
N663UA	B767-322ER	United Airlines div 10	UAL81/2814	N802AN	B787-8	American Airlines	f/v AAL204/3
OY-JZJ	B737-82R	Jet Time	IBK3540/1	OO-XLS	Ce560XLS+	Air Service Liège	15
10.D-AVIB	ERJ135BJ	Air Hamburg	11 AHO571N	SE-RRD	B737-8JP	Norwegian	f/v NAX1258/9
D-CASH	EMB505	Air Hamburg	AHO227W/235S	SP-OSA	Ce680	Jet Story	JD191Z
F-HGPE	EMB505	Pan Européenne	PEA302	14.ZE707	BAe146 C3	32(TR)sq	RRR1914
G-HCSA	Ce525A	Bookajet	11 BOO201/208	01-0029	C-37A	76th AS	SPAR96
I-FORR	Lj40	Avionord	VND6035/6	9H-ILV	CL-850	VistaJet Malta	15 VJT624
N5VF	Falcon 7X	VF Corp	f/v 11	9H-JLK	Falcon 7X	TAG Aviation Malta	15 TEU11
N811AB	B787-8	American Airlines	f/v AAL204/3	D-CEIS	Ce680	Eisele Flugdienst	15 EFD6S
OE-LPE	B777-2Q8ER	Austrian Airlines	f/v AUA371/2	D-CROG	EMB505	Air Hamburg	AHO227W
OK-AST	Ce560XL	Air Bohemia	BOH711/2	D-CTOR	EMB505	Luxaviation Germany	LXG55OR
SP-LSA	B787-9	LOT	f/v LOT267/8	D-IAIB	Ce525	FairJets	15
VP-BGV	ERJ135BJ	Sirius Aero	11 CIG1831	F-HSFJ	Ce680A	Aston Jet	ASJ104
XA-FEM	G550	Servicios Aereos	11	G-DCMT	EMB505	Centreline Air Charter	CLF685
YU-SPC	Ce560XLS+	Prince Aviation	11 PNC7PC	HB-LYD	P180	Trüb Emulsions Chemie	f/v 16
11.ZH877	Hercules C4	24/47sq	12 RRR5803	LX-VMF	Ce560XL	Luxaviation	dep LXA15P
CS-CHJ	CL-350	NetJets Europe f/v 12	NJE596P/3XM	LX-VMF	Ce560XL	Luxaviation	23 LXA15P
D-CEEE	Ce560XLS	HTM Jet Service	HTM017	OE-KFK	Ce525A	Fly Tyrol	FTY9
D-CEIS	Ce680	Eisele Flugdienst	12 EFD6S	OE-FZA	Ce510	GlobeAir	GAC705T/030T
D-ITRA	Ce525	Transavia Flug		OK-CTP	PC-12/47E	OK Aviation Wings	
EW-545PO	ERJ195LR	Belavia	BRU867/8	OO-GEE	PC-12/47E	Blue Sky Aviation	
F-HBDX	EMB505	Jetkey	12 KBD216	OO-JUK	Falcon 7X	Flying Service	FYG633/64K
M-AATD	Global 6000	Absolute Jet	f/v 12	OO-PRM	Ce510	Air Service Liège	
M-FALC	Falcon 7X	Premier Falcon		OO-SCT	Ce525C	Luxaviation Bbelgium	
OE-FZE	Ce510	GlobeAir	GAC333V/758T	OY-JTS	B737-7K2	Jet Time	SAS553/4
12.9H-VFB	CL-605	VistaJet Malta	VJT598	SE-RMB	Ce525B	Svenskt Industriflyg	15
9H-FGV	EMB500	Luxwing	13 LWG703/1	15.D-AGGL	Global 6000	K5 Aviation	f/v KAY59
D-BANN	CL-300	SAP		D-CAWX	Ce680	Aerowest	
D-CGAA	Ce560XLS+	Air Hamburg	13 AHO468F	D-CGGG	Lj31A	Jetcall	JCL3
D-CSCB	Ce560XLS+	Silver Cloud Air	13 SCR187	D-CMHB	Do328-130	Rhein-Neckar Air	f/v MHV761/1815
D-IAAT	EMB500	Arcus Air	AZE29QL/21QL	D-CMMP	EMB505	Luxaviation Germany	LXG55MP
M-ARTY	PC-12/47E	Creston (UK)		EC-NBP	A330-343E	Evelop Airlines	SLM994/3
N350PD	CL-350	Dolan Family	f/v 17	ES-ACP	CRJ900LR	Nordica (a/w)	f/v SAS2551/552
N717FM	Falcon 2000	Fox Management International	13	G-HCSA	Ce525A	Bookajet	20 BOO206/202
N818TH	Falcon 900EX	The Whitewind Company	13	LY-VEN	A320-233	Avion Express (a/w)	f/v LOT267/8
OE-FBD	Ce510	GlobeAir	GAC555T/333W	OE-FBD	Ce510	GlobeAir	GAC827B/827C
OE-FZE	Ce510	GlobeAir	GAC851J/740J	OE-ISP	G450	Avcon Jet	f/v 16 AOJ80P
OO-EYP	EC-120B	Heliventure		OO-XLS	Ce560XLS+	Air Service Liège	21
OY-JRK	A320-231	Danish Air Transport	NAX1258/9	SU-GDU	A330-343E	Egypt Air	MSR757/8
PH-BKG	B787-10	KLM	del KLM9870	16.D-IAAD	EMB500	Arcus Air	17 AZE22QL/79YI
SE-RMB	Ce525B	Svenskt Industriflyg	14	EC-NBP	A330-343E	Evelop Airlines	SLM994/3
VQ-BOF	A321-211	Ural Airlines	f/v SVR743/4	G-CKWU	B787-9	Norwegian UK	div NRS7044



This Embraer 505 was delivered to Flairjet as G-SRFA in June 2017 but transferred to the USA as N330PF one year later. In August 2018 it took up registration T7-MSP with Tulip Wings as operator. (3 February 2020, Leo Hoogerbrugge)



Delivered to Aeroflot in 2014 Boeing 777-300ER VQ-BQG carries SkyTeam colours, as Aeroflot has been a SkyTeam member since April 2006. (Amsterdam - Schiphol, 21 February 2020, Robert Eikelenboom)

G-FXRS	Beech 400A	FlairJet	FLJ54/2	LY-COB	A320-232	Getjet Airlines	TRA5592/075
G-JZBM	B737-8MG	Jet 2	f/v EXS205/6	M-AVIR	Global 6000	TAG Aviation (UK)	23
M-SETT	Global 5000	Lodging 2020	18	N1RP	G550	Penske Jet	21
N836AA	B787-9	American Airlinesf/v 17 AAL204/9240		N639M	Falcon 2000S	Motorola Solutions	21
OE-FZC	Ce510	GlobeAir	17 GAC030U/130L	OE-FRM	Ce510	GlobeAir	GAC610Q/452Y
OO-MMT	Ce560XLS	Air Service Liège	19	OE-GXT	Ce525C	Int'l Jet Management	f/v 21 IJM188
OY-JZJ	B737-82R	Jet Time	IBK3540/1	OM-HEX	B737-81Q	AirExplore (a/w)	TRA072/6115/6/071
SU-GCE	A330-243F	Egypt Air Cargo	div 17 MSR520	OO-GEE	PC-12/47E	Blue Sky Aviation	
SU-GDV	A330-343E	Egypt Air	MSR757/8	RA-09600	Falcon 900LX	Gazpromavia	22 GZP9615/6
17.090/ZF	EMB121AN	EAT00.319	FNY5760	T7-MSH	Ce560XLS+	Sardinian Sky Service	21
A6-EVK	A380-842	Emirates	f/v UAE149/50	T7-VYT	EMB500	Crew Advanced Aviation	21
D-BAHB	Falcon 2000LX	MHS Aviation	19 MHV20Y	YL-LDA	A321-211	Smartlynx (a/w)	f/v TRA074/6729
D-BERT	Falcon 2000LX	Bertelsmann	2x BFD65H/T	YL-LDA	A321-211	Smartlynx (a/w)	21 TRA6730/29
D-CASH	EMB505	Air Hamburg	AHO297R/248L	21.9H-OMK	Global 5000	Avcon Jet Malta	VCJ88G
D-CEFO	Ce560XLS+	Air Hamburg	AHO387X	CS-DSD	Falcon 7X	EJME (Portugal)	22 JME321D
D-CGAA	Ce560XLS+	Air Hamburg	AHO458F	CS-LAM	Global 5000	EJME (Portugal)	JME502M/503M
EC-KOL	Ce560XL	Gestair	18 GES121L	D-AIEE	A321-271NX	Lufthansa	f/v DLH986/7
EC-NBP	A330-343E	Evelop Airlines	19 SLM994/3	D-CFLY	Ce560XLS+	Air Hamburg	AHO375Q/294Z
F-HSHB	Ce510	Flybox		D-IEKU	Ce525A	Excellent Air	22 ECA2C
N152FJ	Falcon 50	Victory Outreach La Puente	20	N19NE	Falcon 7X	Planet Nine Private Air	23
N758CC	CL-604	CTB	18	N91JS	G-IVSP	Worldwide Jet Charter	f/v 24 WWI91
N807AA	B787-8	American Airlines	f/v AAL204/3	OE-FLG	Ce525	Smartline	
OY-JRK	A320-231	Danish Air Transport	NAX1258/9	OO-JUK	Falcon 7X	Flying Group	22 FYG23K/111
SP-KCK	Ce525A	Jet Story	18 JDI40D	OO-XLS	Ce560XLS+	Air Service Liège	24
18.9H-VCB	CL-350	VistaJet Malta	VJT453	TC-JJM	B777-3F2ER	Turkish Airlines	THY3441/6900
B-16736	B777-36NER	EVA Airways	f/v EVA075/6	VQ-BQG	B777-3M0ER	Aeroflot (Skyteam c/s)	f/v AFL2550/1
B-LRG	A350-941	Cathay Pacific	f/v CPA271/0	YL-LDA	A321-211	Smartlynx (a/w)	TRA6730/073
CN-SRA	Ce650	Sarah Airways	f/v	22.D-AINX	A320-271N	Lufthansa	f/v DLH2304/5
D-CGAA	Ce560XLS+	Air Hamburg	AHO458F/472X	D-AJHW	ERJ190LR	German Airways	f/v AFR1030/9360
F-HGPE	EMB505	Pan Européenne	PEA302	D-CDCM	Ce560XLS+	Air Hamburg	23 AHO468F/392C
HB-FXM	PC-12/45	Pilatus	19 PCH547	D-ISLT	Ce525A	Sylt Air	AWU922K
LX-PCC	PC-24	Jetfly Aviation	f/v 19 JFA39C/40D	EC-NBP	A330-343E	Evelop Airlines	SLM994/3
M-AVIR	Global 6000	TAG Aviation (UK)	20	LY-VEI	A320-233	Avion Express (a/w)	f/v LOT265/6
N815AA	B787-8	American Airlines	f/v AAL204/3	N801AC	B787-8	American Airlines	f/v AAL204/3
N940JS	TBM-940	Redwood	f/v	OE-FHA	Ce510	GlobeAir	GAC462P/351Q
19.V-11	G-IV	334sq	NAF11	SE-RMB	Ce525B	Svenskt Industriflyg	
9H-JLK	Falcon 7X	TAG Aviation Malta	27 TEU11	SU-GDS	A330-343E	Egypt Air	MSR757/8
9H-MAC	B737-548	Malet Aero	21 MLT832/3	VP-BKP	A320-214	Aeroflot	f/v AFL2192/3
9H-TJC	B737-86N	Corendon Airlines	20 CND320/19	VQ-BFW	A320-214	Ural Airlines	f/v SVR743/4
9H-VCB	CL-350	VistaJet Malta	20 VJT453	23.V-11	G-IV	334sq	NAF11
9H-VCC	CL-350	VistaJet Malta	20 VJT426	9H-VCA	CL-350	VistaJet Malta	24 VJT401
G-KLNW	Ce510	Saxonair	20 SXN51D	9H-VCO	CL-350	VistaJet Malta	VJT449
LX-ONE	Lj45	Lux. Air Ambulance	LRQ064D/075E	EC-NBP	A330-343E	Evelop Airlines	SLM994/3
M-JJTL	PC-12/47E	JJTL Partners	XCH384G	EI-EPH	B737-8AS	Ryanair	f/v RYR3104/5
N758CC	CL-604	CTB		F-HBLO	ERJ190STD	Air France / Hop	f/v AFR1792/1893
OE-FFB	Ce510	GlobeAir	20 GAC384E/273F	G-STBK	B777-336ER	British Airways	f/v BAW436/7
OE-FRM	Ce510	GlobeAir	20 GAC721N/610P	LX-VMF	Ce560XL	Luxaviation	27 LXA15P
OE-LCF	A321-211	LEVEL	FOO4444/5	LY-EEL	B737-46M	GetJet Airlines (a/w)	TRA074/5617
OK-KUK	Ce510	Aero Partner	DFC46B	OO-MMT	Ce560XLS	Air Service Liège	arr
OY-JRK	A320-231	Danish Air Transport	NAX1258/9	SE-RMB	Ce525B	Svenskt Industriflyg	27
20.ZE700	BAe146 CC2	32(TR)sq	RRR1919	SU-GDT	A330-343E	Egypt Air	MSR757/8
ZH888	Hercules C5	24/47sq	21 RRR5832	T7-SAI	Global 5000	Capital Aviation	27
9H-VCC	CL-350	VistaJet Malta	21 VJT426	24.042/F-UJCH	A330MRTT	ERVTS01.031	f/v FAF4100
D-CLIF	EMB505	Spree Flug		D-CAGA	EMB505	Luxaviation Germany	LXG55GA
EC-NBP	A330-343E	Evelop Airlines	21 SLM994/3	D-CVAA	PC-24	Volkswagen	WGT3C
LY-COB	A320-232	Getjet Airlines	f/v TRA076/5591	D-ISLT	Ce525A	Sylt Air	25 AWU924K/925K



This Boeing 737 has been in service with Norwegian since it was delivered to the airline in 2013 as LN-NGK. In 2017 its registration was changed to EI-GBF. It was officially withdrawn from use early February 2020 and ferried to Maastricht to be painted all white. The airline has decided to keep the aircraft in its fleet for a while longer and still operates the Boeing all white. (Maastricht - Aachen, 12 February 2020, Mark Remmel)

OO-PRM	Ce510	Air Service Liege	12
PH-STB	Falcon 900C	Exxaero	XRO774
11. LN-RDY	DHC-8-402	Widerøe	arr WIF9066
12. ES-ACN	CRJ900	Nordica (a/w)	dep EST9002
OO-AMR	Ce525A	Air Service Liège	
OO-PRM	Ce510	Air Service Liege	14
VQ-BRV	A320-214	Aeroflot	20 AFL7722/682
13. CS-PHN	EMB505	NetJets Europe	14 NJE983F/2TN
D-ICCP	Ce510	Alfred Kaut	
F-HSAL	TBM-900	S.F.S.	
LX-LGF	DHC-8-402	Luxair	LGL7904
LX-VCM	B747-8R7F	Cargolux	CLX7613
14. D-CQAJ	Lj35A	Quick Air	QAJ4116
OO-PRM	Ce510	Air Service Liege	19
VP-BJE	CL-604	TAG Aviation Asia	TBJ2
15. D-IEMO	Raytheon 390	Pro Jet	
OO-ACC	Ce525A	Air Service Liège	
16. HA-LXV	A321-231	Wizz Air	div WZZ179/8021
PH-DWS	ERJ135LR	Air Charters Europe	21 JNL521/414
17. D-IAKN	Ce525A	Starwings	STQ111
OO-ACC	Ce525A	Air Service Liège	
PH-DWA	ERJ145LR	Air Charters Europe	22 JNL038/710
18. CS-DXS	Ce560XLS	NetJets Europe	NJE880D/026U
D-IAKN	Ce525A	Starwings	STQ111
D-IMME	Ce551	Heli-Flight	
LX-VCJ	B747-8R7F	Cargolux	CLX8659
N543GL	Global 6000	Skechers USA	20
19. LX-VCB	B747-8R7F	Cargolux	CLX8372
OY-VIK	Falcon 7X	Air Alsie	20 MMD6408
SP-TTA	Beech 400A	Smart Jet	20 SAH59P
20. N952CA	B747-428(F)	National Airlines	NCR818/839
VQ-BPV	A320-214	Aeroflot	26 AFL7722/3
21. OO-AMR	Ce525A	Air Service Liège	22
22. D-ISLT	Ce525A	Sylt Air	AWU922K
PH-DWS	ERJ135LR	Air Charters Europe	28 JNL414/522
23. PH-MDG	Ce680+	Exxaero	25 XRO094/128
25. D-ISGS	AP68TP-600	SVEGE Flight Inspection	
HB-JCC	CS300	Swiss	arr SWR5180
OO-PAR	Ce525B	Luxaviation Belgium	AAB405
PH-FHB	PA-46-500TP	Faber Halbertsma	arr
26. D-CURE	Lj60XR	Aero-Dienst	ADN52F
27. YL-LDA	A321-211	SmartLynx (a/w)	CND591P/591
YL-LDA	A321-211	SmartLynx (a/w)	29 CND592/592P
28. OO-PRM	Ce510	Air Service Liege	29
PH-CJM	Ce680	ASL	29
29. D-ISLT	Ce525A	Sylt Air	AWU929K
N101QS	Global 5000	NetJets	01
OE-ISX	Falcon 7X	International Jet Management	IJM11
OO-GLM	Ce680	Air Service Liège	01

The Airbus on the 6th departed in full China Southern colours and is destined to become B-30E5. The Aeroflot Airbus on the 12th departed to Ostrava in full Rossiya colours. The Wizz Air on the 16th was a Paris-Beauvais diversion.

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

Groningen - Eelde

			February 2020
02. D-HHFJ	AW139	Heli Service Int'l	2x *
D-HHTJ	AW139	Heli Service Int'l	2x *
OE-FKO	Ce525A	Avcon Jet	arr AOJ48L
04. PH-BGX	B737-7K2	KLM	*KLM9851
06. D-CAWB	Ce680	Aerowest	2x
D-IBCG	Ce525A	ProAir Aviation	
07. OO-EUR	Ce525	Air Service Liège	
09. OE-GLR	Ce680A	Godeck Flug	GDK1
11. D-CFAQ	Lj60	FAI Rent-A-Jet	12 IFA1082
13. G-781	C-130H	336sq	2x *NAF72
16. OY-JZM	B737-8K5	Jet Time	div JTG792
17. N288CA	P2012	Cape Air	
18. PH-TCN	P180	JetNetherlands	
19. OO-JCV	PC-12/47E	NextGen Partners	
PH-BQE	B777-206ER	KLM	*KLM9851
21. D-FPOL	PC-12-47E		
D-HIGH	H125	ForFly	
OK-BEE	Beech 400A	JetBee Czech	arr JBC106C
22. OE-FAF	Ce525A	Smartline	
24. OE-FAT	Ce510	GlobeAir	GAC717M/606M
26. OE-FAT	Ce510	GlobeAir	GAC606N/917F
27. D-IEKU	Ce525A	Excellent Air	28 ECA2C

On the 16th a medical diversion while enroute from Las Palmas to Malmö. On the 17th a Cape Air Traveller on a delivery flight.

Credit: GEAS, FlyGRQ.

Deventer-Teuge

			February 2020
03. PH-FVD	R44	Rotarywings	
04. JU-2114	Ce208	Blue Sky Aviation	arr
05. N2648X	Ce501	T.S. Aviation	
PH-KIO	P2006T	Kavel 10	
06. PH-HCC	Cabri G2	HeliCentre	
07. LN-PNB	PA-31-310	Blom Geomatics	tst
PH-FVD	R44	Rotarywings	
PH-HCC	Cabri G2	HeliCentre	
PH-KIO	P2006T	Kavel 10	
PH-MAS	P68C-TC	Miramap Aerial Surveys	dep
PH-YAK	Yak-52		
11. PH-PXZ	AW139	Nationale Politie	ZXP26
12. OK-TBE	PC-12/47E	OK Aviation Wings	f/v 13
OO-PMK	TBM-850	Zoutman Industries	
OO-SPA	Ce208B	Skydive Spa	dep
14. D-HMIM	H269C	Rotor & Wings	
PH-JBR	Ce208B	Tessel Air	arr
PH-KIO	P2006T	Kavel 10	
16. LN-PNB	PA-31-310	Blom Geomatics	tst
18. PH-KIO	P2006T	Kavel 10	
19. LN-NAB	PA-31-325	Blom Geomatics	dep
LN-NPZ	PA-31-310	Blom Geomatics	arr



Highlight for Teuge and many aviation enthusiasts that visited the airport was the arrival of this Mongolian registered Cessna 208. Previously operated by Blue Sky Aviation for Mission Aviation Fellowship the aircraft was ferried to Teuge for maintenance. It has been spotted already registered as N2114G. (Teuge, 4 February 2020, Bart Hoekstra)

PH-KIO	P2006T	Kavel 10	
21. CS-PHB	EMB505	NetJets Europe	NJE429P/714G
22. N22SY	PA-46-350P	Sijben Wooncenter	
25. LX-JFD	PC-12/47E	Jetfly Aviation	
N2648X	Ce501	T.S. Aviation	
PH-KIO	P2006T	Kavel 10	
28. Q-26	AH-64D	301sq	
PH-KIO	P2006T	Kavel 10	
PH-LBR	Ce208	Skydive Rotterdam	dep
PH-RYF	H269C	Heli Holland Holding	
29. CS-PHK	EMB505	NetJets Europe	NJE417U
PH-KIO	P2006T	Kavel 10	

Arrivals and departures related to maintenance but the highlight for this month is the Mongolian registered Cessna 208 on the 4th. The aircraft is reportedly destined for MAF as N2114G.

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

Eindhoven

February 2020			
01. F-GTRY	Ce525	Cannes Jet	dep
PH-FJK	Ce525B	JetNetherlands	dep
PH-FJK	Ce525B	JetNetherlands	07
02. D-CKJM	Ce560XLS+	Air Hamburg	AHO452A
D-CKJM	Ce560XLS+	Air Hamburg	03 AHO452A/398A
OK-PCC	PC-12/47E	T-air	dep
OO-PKX	Ce750	Air Service Liège	04
03. PH-CDH	B737-86J	Corendon Dutch Airlines	
CND921P/9291			
04. <u>FB22</u>	F-16BM	2w	*
54+07	A400M	LTG62	
OK-PRM	PC-12/47E	OK Aviation Wings	NTF55
OO-PKX	Ce750	Air Service Liège	06
05. CH04	C-130H	20sq	*BAF675
I-KREM	BAe125-800XP2	Interjet	06
PH-HSG	B737-8K2	Transavia	06 TRA6652/7985
06. <u>FB22</u>	F-16BM	2w	*BAF245
54+13	A400M	LTG62	GAF684
<u>LX-N90456</u>	E-3A	NAEW&CF	*Nato40
L-05	PC-7	131EMVosq	*Diamond09
PH-HSG	B737-8K2	Transavia	TRA092/6653
07. 1x	Rafale B	EC01.004	*FAF4220
D-CGBR	Lj55	Jet Exec. Int'l	JEI151
D-CGRK	Lj60	FAI Rent-A-Jet	IFA534
OE-FKO	Ce525A	Avcon Jet	AOJ48L
PH-FJK	Ce525B	JetNetherlands	09
S5-ACJ	ERJ145LU	Amelia International	AEH381F/381
08. OO-PKX	Ce750	Air Service Liège	11
PH-HXM	B737-800	Transavia	TRA6686/0091
PH-HXM	B737-800	Transavia	09 TRA7986/6653
09. PH-CJM	Ce680	ASL	19

10. <u>FB20</u>	F-16BM	10w/OCU	*BAF451
9H-VCB	CL-350	VistaJet Malta	11 VJT453
D-CSEB	Ce560XLS+	Adolf Würth	11
OE-FKO	Ce525A	Avcon Jet	AOJ48L
S5-ACJ	ERJ145LU	Amelia International	AEH382/391F
11. 8T-CC	C-130K	LuTSta	ASF01
L-07	PC-7	131EMVosq	*
OO-PKX	Ce750	Air Service Liège	17
PH-FJK	Ce525B	JetNetherlands	13
12. HB-LYD	P180	Trüb Emulsions Chemie	
OE-FJW	DA42NG	Lycoair	13
PH-HWM	CL-605	ASL	dep
PH-HWM	CL-605	ASL	15
13. <u>LX-N90452</u>	E-3A	NAEW&CF	*Nato41
9H-VCN	CL-350	VistaJet Malta	14 VJT437
CS-DXQ	Ce560XLS	NetJets Europe	NJE538T/709R
CS-DXY	Ce560XLS	NetJets Europe	NJE288N/782P
14. <u>02</u>	C-17A	HAW	15 Bartok76
9H-BVJ	CL-850	Blue Square Aviation Group	
CS-DXF	Ce560XLS	EJME (Portugal)	JME512F
15. CS-PHL	EMB505	NetJets Europe	NJE813U/960W
PH-HWM	CL-605	ASL	16
16. CS-LTC	Ce680A	NetJets Europe	div NJE4XQ/544U
PH-HWM	CL-605	ASL	23
17. <u>FB17</u>	F-16BM	10w/OCU	*BAF451
D-CAWU	Ce560XLS	Adolf Würth	19
D-IRSG	P180		f/v
18. <u>FA77</u>	F-16AM	10w	*Vulture61
<u>FA81</u>	F-16AM	10w	*
02	C-17A	HAW	Bartok76
L-02	PC-7	131EMVosq	*
OO-PKX	Ce750	Air Service Liège	19
19. <u>042/F-UJCH</u>	A330MRTT	ERVTS01.031	2x FAF4046
L-13	PC-7	131EMVosq	*Diamond14
N758CC	CL-604	CTB	21
OO-ACO	Ce510	Air Service Liège	21
OO-MMT	Ce560XLS	Air Service Liège	22
PH-CJM	Ce680	ASL	22
20. ST42	SF260D	CC Air	BAF197
D-667	CH-47D	298sq	*
L-07	PC-7	131EMVosq	*Diamond15
L-11	PC-7	131EMVosq	*Diamond18
5607	C-130J-30	335skv	NOW335D
D-AOLG	Fokker 100	Avanti Air	ATV020G/101G
G-JBLL	BAe125-800B	Sovereign Business Jets	RHK29A/B
21. 51+29	A400M	LTG62	
D-AOLG	Fokker 100	Avanti Air	ATV102G/021G
PH-BEJ	Global 5000	Flying Group	f/v
22. ZM415	Atlas C1	24/70sq	RRR4105
D-CJPG	Lj35A	Quick Air	QAJ 4885
PH-CJM	Ce680	ASL	24
PH-FJK	Ce525B	JetNetherlands	
PH-FJK	Ce525B	JetNetherlands	25

23. CS-LTA	Ce680A	NetJets Europe	NJE238H/954D	05. N-326	NH90-NFH	860sq	Neptune03
OO-PKX	Ce750	Air Service Liège	24	11. L-02	PC-7	131EMVOsq	*Diamond04
PH-BCB	B737-8K2	KLM	div KLM46C/1792	L-07	PC-7	131EMVOsq	*Diamond15
PH-BEJ	Global 5000	Flying Group	25	L-09	PC-7	131EMVOsq	*Diamond17
PH-BXG	B737-8K2	KLM	TRA71/76U	L-11	PC-7	131EMVOsq	*Diamond16
PH-BXG	B737-8K2	KLM	TRA82E/5085	12. <u>L-04</u>	PC-7	131EMVOsq	* <u>Diamond15</u>
24. D-IMPO	Beech C90B			N-326	NH90-NFH	860sq	*Trident10
PH-CJM	Ce680	ASL	25	14. <u>J-063</u>	F-16AM	312/313sq	* <u>Burst01</u>
PH-HWM	CL-605	ASL	26	18. L-02	PC-7	131EMVOsq	*Diamond18
25. OE-FAF	Ce525A	Smartline		PH-PXC	EC135P2+	Nationale Politie	*ZXP03
26. D-CAWU	Ce560XLS	Adolf Würth	27	PH-ULP	EC135T1	ANWB-MAA	Lifeline2
G-KLNE	BAe125-900XP	Saxonair Charter	SXN90E	19. N-317	NH90-NFH	860sq	2x tst Neptune10
PH-FJK	Ce525B	JetNetherlands	27	L-13	PC-7	131EMVOsq	*Diamond14
27. <u>D-665</u>	CH-47D	298sq	*	20. L-07	PC-7	131EMVOsq	* <u>Diamond15</u>
D-CHZF	Ce550 Bravo	Tyrol Air Ambulance	28 TYW212F/3F	<u>L-11</u>	PC-7	131EMVOsq	* <u>Diamond18</u>
F-HIBF	Ce510	Astonjet	ASJ302	PH-PXZ	AW139	Nationale Politie	ZXP26
LX-VMF	Ce560XL	Luxaviation	LXA15P	21. H24	A109BA	17sq/1w	*BAF317
PH-BEJ	Global 5000	Flying Group		PH-PXZ	AW139	Nationale Politie	2x ZXP26
PH-FJK	Ce525B	JetNetherlands	29	24. <u>RN06</u>	NH90-TTH	18sq/1w	* <u>BAF350</u>
28. <u>ST46</u>	SF260D	CC Air	*	25. N-317	NH90-NFH	860sq	2x tst Neptune15
<u>L-13</u>	PC-7	131EMVOsq	* <u>Razor11</u>	26. N-317	NH90-NFH	860sq	dep Neptune10
<u>Q-17</u>	AH-64DN	301sq	*	PH-PXY	AW139	Nationale Politie	ZXP25
29. OE-GBH	EMB505	Tyrolean Jet Services	TJS47	PH-PXZ	AW139	Nationale Politie	ZXP26
OO-GEE	PC12	Blue Sky Aviation					
OO-PCM	PC-12/47E	European Aircraft Private Club					
PH-CJM	Ce680	ASL	05				
PH-FJK	Ce525B	JetNetherlands	04				
PH-HWM	CL-605	ASL	02				
PH-TXA	Ce510	JetNetherlands					

Eindhoven saw some interesting visitors during February 2020. A single Saint Dizier based Rafale B made one low pass after a memorial tribute over a nearby monument and ceremony on 7 February. After some years of absence the Austrian Air Force visited again with their C-130K on 11 February. Eight days later future MMF KC-30A pilots brought their French Phénix tanker on two training visits as these pilots could transfer to their new Dutch A330 MRTT in two months. The Norwegian C-130J-30 made a quick stop and go and overall various German and one English A400Ms visited on multiple training flights. Transavia operated military charters on the 8th and 23rd. Corendon operated a military charter on the 3rd. NetJets Europe diverted from Amsterdam on the 16th. On the 23rd KLM diverted from Amsterdam with one aircraft and operated a flight for Transavia with another aircraft.

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

Credits: EWAS, Oscar Sannen, Scramble MB.

Gilze-Rijen

February 2020			
03. <u>L-07</u>	PC-7	131EMVOsq	* <u>Diamond11</u>
04. <u>RN05</u>	NH90-TTH	18sq/1w	*
<u>L-02</u>	PC-7	131EMVOsq	* <u>Diamond15</u>
<u>L-07</u>	PC-7	131EMVOsq	* <u>Diamond18</u>

Gilze-Rijen saw a majority of visitors in February 2020 in the shape of Woensdrecht based PC-7 trainers. The National Police came second place with their AW139s. Special attention goes to NH90 N-317, this helicopter was stored at Gilze-Rijen, with N-316 and got repaired again. On 18 February a successful groundrun announced the first of four testflights prior to departure back to Naval Air Station De Kooy.

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

Credits: Gilze Rijen Aviation Society, Scramble MB.

De Kooy

February 2020			
03. <u>RN05</u>	NH90-TTH	18sq/1w	
18. G-781	C-130H	336sq (spec mks)	2x *NAF71
21. G-273	C-130H-30	336sq	*NAF74
25. 2x	F-16AM	312/313/322sq	*
<u>ZJ129/N</u>	Merlin HC4	845sq	
<u>ZJ134/S</u>	Merlin HC4	845sq	

Both Royal Navy Merlins were heading for HNLMS L-801 Johan de Witt, to embark with a third Merlin HC4 and participate in Cold Response 2020 in Norwegian waters.

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

February 2020			
03. G-273	C-130H-30	336sq	*NAF77



This Global 5000 was delivered to Ocean Sky in January 2010 as G-PVEL. It was transferred to Hyperion Aviation and reregistered to 9H-PVL in late 2012. Since August 2018 it has been operated by MS Aviation as P4-AVA. (Lelystad, 29 February 2020, Richard Poeser)



Former Turkish Airlines TC-JUE was ferried to Woensdrecht on 24 February 2020. Registered to the DVB Bank as OE-IKJ the A320 is destined for Sky Angkor Airlines as XU-724. (24 February 2020, Johan Havelaar)

05.N-318	NH90-NFH	860sq	Trident04
10.G-781	C-130H	336sq (spec mks)	*NAF71
14.PH-PXC	EC135P2+	Nationale Politie	ZXP03
17.S-445	AS532U2	300sq	Demon3
21.G-273	C-130H-30	336sq	*NAF74
26.16803	C-130H	Esq501	AFP17
27.FA86	F-16AM	2w	BAF281
FA130	F-16AM	2w	BAF282
661	F-16AM	FLO	NOW331A
678	F-16AM	FLO	NOW331B
16803	C-130H	Esq501	AFP17
15131	F-16AM	Esq201/301	AFP21
15142	F-16AM	Esq201/301	AFP22

The Cougar on 17 February 2020 was visiting Leeuwarden during night flying operations. The F-16AM gathering on 27 February and C-130H support was related to the Operational Test & Evaluation of F-16 software package S.1.1.1. This package is the successor of the MLU-tapes and allows current F-16 operators to perform all duties up to their expectations, prior to full operational service of the F-35A in many country cases.

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

Lelystad

February 2020			
03.PH-ULP	EC135T2	ANWB – MAA	dep
04.PH-MBO	DA62	M. Boers	07
06.N23HJ	DA62	Jill Roeschel	07
N638DB	PA-46-350P	Maxfly	07
OO-STG	Ce421C	De Boer Belgium	
PH-HVB	EC135T2+	ANWB – MAA	arr
PH-KIO	P2006T	Kavel 10	
07.HB-LUA	P68C	Swiss Flight Services	
OH-KAX	DA42NG	Aeropole	
OO-STG	Ce421C	De Boer Belgium	
P4-AVA	Global 5000	MS Aviation	16
21.OO-VSB	Tecnam P 2006T	Vansteelandt Smart Survey Services	
PH-UDB	DA62	SIM International	
SE-GIN	PA-31-310	South Sweden School of Aeronautics	
22.OE-FKF	Ce525A	Fly Tyrol	FTY9
25.SE-LIO	Fokker 50	Amapola Flyg	08 APF9725/9708
27.PH-PXF	EC135P2+	Nationale Politie	ZXP06
28.OO-VSB	Tecnam P 2006T	Vansteelandt Smart Survey Services	
29.OE-FKF	Ce525A	Fly Tyrol	FTY9

The Global on the 7th visited SATYS as did the Fokker 50 on the 25th.

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

Volkel

February 2020			
03.J-516	F-16AM	312/313sq	12 M2935/NAF313
12.N-326	NH90-NFH	860sq	*Trident10
18.G-781	C-130H	336sq (spec mks)	*NAF71
L-02	PC-7	131EMVosq	*Diamond17
19.G-273	C-130H-30	336sq	*NAF71
21.G-273	C-130H-30	336sq	*NAF74
24.L-04	PC-7	131EMVosq	*Diamond11
28.L-13	PC-7	131EMVosq	*Razor11

The first F-16 movement for Volkel this month is a special one. On 27 June 2019 J-516 departed Leeuwarden for SABCA in Charleroi and returned to Volkel nine months later, wearing 322sq markings. On 12 February the F-16 continued to Alverca Portugal, visiting the OGMA facility for further TLC. The NH90 of 12 February was heading for Beauvechain.

Credits: SGVolkel Message Board, Scramble MB.

Woensdrecht

February 2020			
13.D-666	CH-47D	298sq	arr Grizzly5
2-BTTA	B737-85R	BBAM (Vistara c/s)	arr
14.Q-16	AH-64DN	301sq	tst Redskin06
4X-EKK	B737-85R	EI AI	dep ELY236
18.S-445	AS532U2	300sq	*Wildcat63
PH-LAB	Ce550	NLR - TU Delft	
20.Q-16	AH-64DN	301sq	dep Redskin05
Q-18	AH-64DN	301sq	arr Redskin05
21.J-368	F-16AM	313sq	tst M2922
24.OE-IKJ	A320-232	DVB Bank	arr
28.EI-ENY	B737-8AS	Ryanair	arr RYR5
F-HBIX	A320-214	Aigle Azur	arr

Woensdrecht movements over February 2020 start with a 298sq Chinook arriving at LCW and this heavyweight will emerge in a special 75 years marking, sporting the 298sq mascot dragonfly and callsign grizzly clearly shown. That same day another former Vistara B737 arrived from Ostrava, Czechia. It will continue its career with EI AI as 4X-EKN. On 24 February a former Sky Angkor Airlines A320 arrived for a owner swap as this airliner is destined for Wamos Air in Spain as EC-NJN. Closing the month are two additional storage birds; another Ryanair B737-800 who withdrawn from use on 5 February 2020 and a Aigle Azur A320 who choose Woensdrecht after being parked at Toulouse Francazal from 7 September 2019 until 28 February 2020.

Credits: Johan Havelaar, Scramble MB.

Twente

			February 2020
05. CS-PHJ	EMB505	NetJets Europe	NJE917F/064W
06. VP-BMU	A220-300	GTLK (a/w)	arr SXA593
07. D-IFHD	Ce525 (M2)	E-Aviation	2x EFD2D
VP-BMQ	A220-300	GTLK (a/w)	arr SXA594
11. D-CHIP	Ce525B	E-aviation	EFD3P
12. OO-CLA	Ce525C	Luxaviation Belgium	AAB356
17. D-IRMB	Beech C90GTi	E-Aviation	EFD1B
25. CS-PHL	EMB505	NetJets Europe	NJE276G / NJE123L
D-CHIP	Ce525B	E-Aviation	EFD3P
PH-NDK	Falcon 900B	Exxaero	XRO124
PH-STB	Falcon 900C	Exxaero	XRO130
27. CS-LTJ	Ce680A	NetJets Europe	NJE982T/568N

Credit: EHTW spotters.

Flamingo (Bonaire, Dutch Caribbean)

			February 2020
01. HK-5075	Beech 200	Rio Sur	26
HK-5329	ERJ145LR	SARPA	
N389KA	Lj35	Fundashon Mariadal	29
N5324J	Ce340A		29
YV1851	RC690C		03
06. N941JS	Ce680	Exclusive Jets	07
07. HI1053	ERJ145ER	Sky High Aviation	
N225SB	Beech 400A		
08. HK-5228	B737-4B6SF	AerCaribe	
HK-5329	ERJ145LR	SARPA	
12. N889MU	Falcon 2000	Elite Air	18
13. YV1851	RC690C		15
14. HI1053	ERJ145ER	Sky High Aviation	
15. HK-5329	ERJ145LR	SARPA	
N529QS	G550	NetJets	
16. C-GMUS	PA-46-600TP	Musket Transport	dep
20. N697CC	G280	CC Industries	
21. HI1052	ERJ145ER	Sky High Aviation	
22. HK-5329	ERJ145LR	SARPA	
PH-DCG	AW139	DCCG	
25. PR-BVB	IAI1124A	Vida Taxi Aereo	
26. N2333K	CeU206G		
28. HI1052	ERJ145ER	Sky High Aviation	
N703TX	Ce750	Textron Aviation	
29. HK-4411	BAe3201	SARPA	
HK-5329	ERJ145LR	SARPA	
N811TJ	B737-306(F)	Swift Air	SWQ7000
N876BB	Ce550 Bravo	Continental Baking	

Air Antilles Express:

F-OIXD 05², 09², 11², 13², 15², 17², 19², 21², 23², 25², 27²
 F-OIXH 01², 06², 10², 12², 14², 16², 18², 22², 26², 28²
 F-OIXO 03², 04², 07², 08², 20², 24²
 F-OMYM 02²

American:

N3014R	21	N9017P	07, 29
N8030F	01, 14	N9019F	03
N9013A	24	N9022G	22
N9015D	17	N9023N	10
N9016	08	N12028	15, 28

Aruba Airlines:

C-FEYG 01, 06, 15, 18, 22, 23, 27, 29
 P4-CRA 02, 04, 08, 09, 11, 13, 16, 20, 25

Delta:

N371DA	16	N686DA	22
N374DA	23	N688DL	15
N376DA	02	N693DL	29
N377DE	14	N698DL	01
N380DA	21	N3768	09
N393DA	28	N6714Q	08
N398DA	07		

Sunwing:

C-FLSW	23	C-GFEH	16
C-GBZS	02	C-GLRN	09

TUI Airlines:

PH-TFK 01, 07, 11, 15, 19, 21, 22
 PH-TFL 04, 08, 14, 25 PH-TFM 28

United:

N26210	22	N73276	08 ²
N27213	15	N76269	29
N37267	29	N76288	01 ²
N57439	01	N77536	15 ²
N66803	08	N87527	22 ²

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.

First noteworthy visitor on the 25th, especially as it was not a technical stop, but a vice versa flight to Manaus. On the 29th a Swift Air B737 from and to Miami, not often seen in BON.

Credit: Danny de Kiewit.



This former JetAirways Boeing 737 was delivered to Vistara in June 2019. Withdrawn from use in January 2020 it was ferried to Woensdrecht on 13 February 2020 as 2-BTTA. The aircraft is destined for El Al as 4X-EKN. (13 February 2020, Johan Havelaar)

Movements Belgium



This H130 is a new addition to the Belgian register and officially registered since 14 February 2020 to Arie Stelloo. OO-ARI was delivered to Antwerp but is based at a private heliport at Schilde, a city in Antwerp province. (Antwerp, 21 February 2020, Walter Van Brempt)

Antwerp

February 2020			
01. OO-ACO	Ce510	Air Service Liège	
PH-DWS	ERJ135LR	Air Charters Europe	05
02. CS-DXY	Ce560XLS	NetJets Europe	03
OK-PCC	PC-12/47E	T-Air	03
OO-ACC	Ce525A	Air Service Liège	
OO-PCK	PC-12/47E	EAPC scri	
OO-STE	AS350B3e	Stephex Stables	
PH-TXA	Ce510	ASL	
03. CN-RBS	BAe125-900XP	Royal Air Maroc	f/v 04
D-IPCH	Ce525A	Peter Cremer Holding	2x
F-HSFJ	Ce680A	SFJ Aviation	
OO-LPL	Bell 47G	P. Kuypers	f/v
04. CS-DXY	Ce560XLS	NetJets Europe	05
CS-PHJ	EMB505	NetJets Europe	
05. CS-DXJ	Ce560XLS	NetJets Europe	
CS-LTM	Ce680A	NetJets Europe	f/v
OK-HAR	Ce560XL	Aeropartner	f/v
OY-CRJ	CRJ200LR	Global Reach Aviation	f/v
PH-DWS	ERJ135LR	Air Charters Europe	08
06. H29	A109BA	17sq/1w	
ST42	SF260D	CC Air	
G-LUBB	Ce525	Surrey Heli Charters	07
LX-PCA	PC-24	Jetfly Aviation	f/v
N127QR	Beech 300LW	A. Ruijgrok	115
N9912H	B75N1	H. Nordsiek	
OK-HAR	Ce560XL	Aeropartner	
OO-PHI	Ce525	Powerfever	arr
PH-PXE	EC135P2+	Nationale Politie	
07. ST42	SF260D	CC Air	
ST46	SF260D	CC Air	
M-ARTY	PC-12/47E	Creston (UK)	
N183TY	R44	Schuybroek Aviation	f/v
OK-PCC	PC-12/47E	T-Air	2x
PH-KFB	DA42NG	KFA	
08. ES-KLT	P180	KLT Air Os	f/v
LX-JFB	PC-12/47E	Jetfly Aviation	11
PH-DWS	ERJ135LR	Air Charters Europe	12
PH-TXA	Ce510	ASL	10
10. 9H-LEO	Ce550	PHS Aviation	13
11. F-HGPE	EMB505	Pan Europeene Air Service	
F-HVYC	Ce560XLS+	Lyreco	f/v
OK-PCC	PC-12/47E	T-Air	
OO-OMG	EC120B	VC Wings bvba	
12. F-GCGA	Beech C90	Aelia Assurances	
F-HSFJ	Ce680A	SFJ Aviation	13
LX-JFE	PC-12/47E	Jetfly Aviation	14
OE-FUX	Ce525A	Vienna Jet	13
OK-AST	Ce560XL	Air Bohemia	
OK-FLT	PA-46-500TP	Illes Logistics Zrt	f/v
OO-OMG	EC120B	VC Wings	2x
OO-STE	AS350B3e	Stephex Stables	
PH-DWS	ERJ135LR	Air Charters Europe	15
SE-RFH	Ce680	European Flight Systems	
13. CS-LTG	Ce680A	NetJets Europe	14
D-IOVP	PA-42-720	Heli-Flight	
OO-PCJ	PC-12/47E	EAPC scri	
OO-PCM	PC-12/47E	EAPC scri	
PH-FJK	Ce525B	ASL	
14. H26	A109BA	17sq/1w	
H29	A109BA	17sq/1w	
H35	A109BA	17sq/1w	f/v
ST03	SF260MB	CC Air	
EC-GXJ	SA226TC	Flightline	17
F-HGPE	EMB505	Pan Europeene Air Service	
LX-FLG	PC-12/47E	Jetfly Aviation	f/v
M-ARTY	PC-12/47E	Creston (UK)	
N183TY	R44	Schuybroek Aviation	
OK-JRT	Ce680+	Smartwings	
OK-PCC	PC-12/47E	T-Air	
OO-JOY	AT-6D	Stichting Veranneman	f/v
OY-MLS	P68C	Bio Flight	07
15. 9H-JDV	Ce525 (M2)	Flying Group	16
LX-TAC	EMB505	Tika	
16. D-CAWB	Ce680	Aerowest Flugcharter	17
OK-PCC	PC-12/47E	T-Air	17
PH-FJK	Ce525B	ASL	21
17. 9H-ILV	CL-850	VistaJet Malta	
9H-SFK	Falcon 7X	TAG Aviation Malta	f/v
D-CAWB	Ce680	Aerowest Flugcharter	
F-HATV	Ce680A	Astonjet	
HB-IGV	Falcon 50EX	VF International	
PH-NDK	Falcon 900B	Exxaero	
18. D-FLAT	PC-12/47E	Flexfly	f/v 19
19. D-IRUP	Ce551	R+P Flugcharter	
G-ZENJ	Lj75	Zenith Aviation	20
SE-LZX	RC690B	ARA	
20. D-CASH	EMB505	Air Hamburg	21
HB-IGV	Falcon 50EX	VF International	
YU-SVL	Ce560XLS	Prince Aviation	21
21. 9H-WIT	PC-12/47E	Nextgen Aviation	
D-AERO	ERJ135BJ	Air Hamburg	
D-CASH	EMB505	Air Hamburg	23
D-CAWB	Ce680	Aerowest Flugcharter	
HB-IGV	Falcon 50EX	VF International	
N127QR	Beech 300LW	A. Ruijgrok	09
OO-ACO	Ce510	Air Service Liège	27
OO-ARI	EC130B4	A. Stelloo	f/v
OO-NEY	EMB545	Air Service Liège	22
PH-BBJ	Ce560XLS+	ASL	
PH-TXA	Ce510	ASL	22
22. D-CHLR	EMB505	Atlas Air Service	
F-HATV	Ce680A	Astonjet	
OK-PCC	PC-12/47E	T-Air	23



Global Reach Aviation has been operating on the German AOC of ProAir since 2017. Since January 2020 the company has been using the AOC of Copenhagen AirTaxi. This explains the change of registration (from D-AGRA) and additional titles on CRJ200 OY-CRJ. (Antwerp, 5 February 2020, Walter Van Brempt)

OO-GEE	PC-12/47E	Pilatus Club One	F-GJFA	Beech B200	Aero Sotravia	arr
OO-NEY	EMB545	Air Service Liège	F-HGPE	EMB505	Pan Europeene Air Service	
23.9H-VCL	CL-350	VistaJet Malta	M-ARTY	PC-12/47E	Creston (UK)	
D-CAWN	Ce680A	Aerowest Flugcharter	OE-GPS	Ce550 Bravo	Tyrol Air Ambulance	
D-CEIS	Ce680	E-Aviation	OK-AST	Ce560XL	Air Bohemia	
D-FEPG	PC-12/47E	Rhein-Mosel-Flug	OO-ACC	Ce525A	Air Service Liège	27
M-TINK	Falcon 8X	TAG Aviation	OO-NEY	EMB545	Air Service Liège	29
S5-SAD	Global 6000	Elit'avia	27.D-CDCM	Ce560XLS+	Air Hamburg	28
24.CS-LTF	Ce680A	NetJets Europe	F-GJFA	Beech B200	Aero Sotravia	tst
F-HEVL	EMB505	Evolem Aviation	F-HIPE	EMB505	Pan Europeene Air Service	
HB-IGV	Falcon 50EX	VF International	LX-JFX	PC-12/47E	Jetfly Aviation	
M-ARTY	PC-12/47E	Creston (UK)	OK-AST	Ce560XL	Air Bohemia	2x
OO-IDE	Ce525	Air Service Liège	OO-ACO	Ce510	Air Service Liège	28
OO-STE	AS350B3e	Stephex Stables	PH-BEJ	Global 5000	Flying Group	arr f/v
PH-TXA	Ce510	ASL	28.ST46	SF260D	CC Air	
25.CS-LTN	Ce680A	NetJets Europe	CS-DXH	Ce560XLS	NetJets Europe	
D-ASAP	ERJ135BJ	Air Hamburg	CS-GLG	Global 6000	NetJets Europe	f/v 29
D-CHLR	EMB505	Atlas Air Service	M-ARTY	PC-12/47E	Creston (UK)	
D-CPRS	Beech B300	Starwings	OO-ACO	Ce510	Air Service Liège	01
D-FABS	PC-12/47E	Schumacher Packaging	OO-STE	AS350B3e	Stephex Stables	
OO-SLM	Ce560XLS	Luxaviation Belgium	OY-JBS	PA-46-500TP		f/v
26.CS-LTJ	Ce680A	NetJets Europe	T7-FOZ	Ce525 (M2)	Open Sky Aviation	
D-CHLR	EMB505	Atlas Air Service	29.9H-WIT	PC-12/47E	Nextgen Aviation	
D-COLO	Ce525C	Jetkontor	D-CAHO	Ce560XLS+	Air Hamburg	01
D-FUDA	PC-12/47E	RAS Aviation	D-CAWB	Ce680	Aerowest Flugcharter	



This Bell 47G was constructed in 1956 and began its life as serial 069 with the French ALAT. OO-LPL was entered into the Belgian register in June 2019 with Bussé Helicopters. (Antwerp, 3 February 2020, Walter Van Brempt)



Previously with Cathay Pacific as B-LAC this Airbus A330 was added to the Brussels Airlines fleet. OO-SFH was ferried to Brussels in basic Cathay colours but with Brussels Airlines titles. (Brussels, 28 February 2020, Paul Sanders)

D-CAWO	Ce560XLS+	Aerowest Flugcharter	f/v	OE-FFB	Ce510	GlobeAir	
F-GJFA	Beech B200	Aero Sotraviva	tst	OH-DEN	PC-12/47E	Hendell Aviation	
N63DR	Kodiak 100	E. Rossillon	01	PH-DIX	PC-12/45	Din-Air	
OO-GEE	PC-12/47E	Pilatus Club One		09.D-IGRO	Ce525A	ProAir	
				EC-MNY	A330-243	Wamos Air	JAF162/111
				F-HVYC	Ce560XLS+	Lyreco	
				LX-WEB	Ce525B	Jetfly Aviation	10 JFA58A/69G
				OE-FBD	Ce510	GlobeAir	10 GAC827S/716T
				PH-JWL	Falcon 2000LXS	Cartier Europe	
				PH-NNX	Ce750	ASL	10
				10.9H-XFW	A319-112	Hi Fly Malta	12 HFM663P/BAF694
				CS-DLB	Falcon 2000EX	NetJets Europe	11 NJE948K/219Y
				D-CSAG	EMB505	Sudzucker Reise	
				EC-MNY	A330-243	Wamos Air	JAF112/082P
				OE-FZE	Ce510	GlobeAir	GAC130H/026R
				OY-CRJ	CRJ200LR	Global Reach Aviation	dep
				SP-KPG	Saab 340A	SprintAir	12 SRN246/7
				T7-BSG	Ce510	Delic Air	dep
				11.06	C-27J	Transporto Esk	
				02-01863	C-37A	USAPAT	arr
				09-001	G550	VIP Flt	arr
				07-7185	C-17A	437th AW	arr
				07-7187	C-17	437th AW	arr
				99-0003	C-32A	1st AS	arr
				D-CQAJ	Lj35A	Quick Air	12
				D-CSAG	EMB505	Sudzucker Reise	12
				EC-IQR	A340-642	Iberia	IBE3206/3
				HB-JGD	Falcon 2000S	MSC Aviation	
				I-TOPD	Beech 400A	Executive Aircraft Management	
				12.5105	CL-601-3A	241.dlt	arr
				15+02	A319-115X	FBS BMVg	arr
				607	Falcon 7X	MH 59. Sz.D. R	arr
				MM62245	Falcon 900EX	93° Gruppo TS	arr
				0110	B737-86X	1.BLTr	dep
				L1-01	Falcon 2000EX	Slovenian Air Force	arr
				102004	Tp102C	TSFE	
				4K-8888	A319-115X	Government of Azerbaijan	
				9H-JAI	A340-313X	Estelair Airlines	dep HFM331P
				9H-XFW	A319-112	Hi Fly Malta	17 BAF694/212P
				A7-HHK	A340-211	Government of Qatar	arr
				CS-PHB	EMB505	NetJets Europe	arr
				D-IGRO	Ce525A	ProAir	
				EC-LNH	A330-243	Wamos Air	13 JAF181P/181
				F-HALG	Falcon 2000LXS	AH Fleet Services	dep
				F-HIPE	EMB505	Pan Européenne A/S	PEA301
				LX-JFY	PC-12/47E	Jetfly Aviation	dep
				N344RS	G550	Lockheed Martin Corp. Aircr.	
				N380SE	G650	Serv. Aereos Sudamericanos	13 SSG4
				OM-BYC	Fokker 100	Government of Slovakia	14 SRN248/9
				SP-KPG	Saab 340A	SprintAir	14 SRN248/9
				YL-LCL	A320-214	SmartLynx (a/w)	13 JAF101F/3101
				Z3-MKD	Lj60	Government of Macedonia	
				13.9H-SOL	A340-313X	Hi Fly Malta (a/w)	HFY630/432P
				CS-PHC	EMB505	NetJets Europe	NJE844T/859Y
				VP-BBI	G280	Silk Way Business Avn	14
				YL-LCL	A320-214	SmartLynx (a/w)	JAF3102/7102
				14.CS-CHD	CL-350	NetJets Europe	NJE729Y/974P
				D-ICBA	Ce525A	ProAir	15

Credits: ASA Belgium vzw, Luchtzak.be forum.

Brussels

February 2020

01.9H-JAD	CL-850	Air X Charter	09 AXY105/909
D-IAAT	EMB500	Arcus Air	dep AZE49IX
LY-VEH	A321-231	Avion Express	LOT235/6
OE-FRM	Ce510	GlobeAir	arr
PR-JJR	Falcon 2000LX	Rio Bonita Comunicação	02
02.0260	Yak-40	241.dlt	
C-080	CL-604	Esk 721	
9H-FGV	EMB500	Luxwing	dep
9H-LGM	EMB500	Aviogreen	dep
9H-VCE	CL-350	VistaJet Malta	03 VJT474
9H-VFC	CL-605	VistaJet Malta	VJT582
9H-XFW	A319-112	Hi Fly Malta	HFM372
CS-CHF	CL-350	NetJets Europe	dep NJE781A
CS-TQZ	A340-313X	Hi Fly	arr HFY471P
D-IFHD	Ce525 (M2)	E-Aviation	arr
F-HLRZ	EMB500	SD Aviation	
LX-EAA	Lj45	Luxembourg Air Rescue	
OE-FZC	Ce510	GlobeAir	GAC787E
OY-FFI	Falcon 7X	ExecuJet Scandinavia	VMP888
03.YR-AMA	B737-530	Blue Air	BMS6AB/5BH
04.MM62243	A319-112CJ	306 Gruppo TS	
102004	Tp102C	TSFE	arr
15-5822	C-130J-30	37th AS	
F-HVYC	Ce560XLS+	Lyreco	
HB-JWX	Falcon 8X	Albinati Aeronautics	dep
OE-FDT	Ce510	GlobeAir	05 GAC453S/909C
OM-BYC	Fokker 100	Government of Slovakia	SSG2
OO-NGI	ERJ190BJ	Flying Group	arr
05.7T-VPM	G-IVSP	Government of Algeria	
9H-LIS	A321-231	Hi Fly Malta (a/w)	dep BAF633
CS-CHH	CL-350	NetJets Europe	NJE507A/463D
EC-MNY	A330-243	Wamos Air	06 JAF81P/181
LX-PCC	PC-24	Jetfly Aviation	JFA20F/93F
06.LX-WEB	Ce525B	Jetfly Aviation	JFA2E/56A
OE-ILC	B747-409F	ASL Airlines Belgium	08 TAY916E
OO-SND	A320-214	Brussels Airlines	arr BEL9903
07.9A-CRO	CL-604	Government of Croatia	08
D-CCVD	Ce560XLS	Atlas Air Service	ATL1D
EC-MNY	A330-243	Wamos Air	JAF182/351
F-HVYC	Ce560XLS+	Lyreco	
OE-FDT	Ce510	GlobeAir	GAC787F/516B
UR-CQD	An-26B	Vulkan Air	
08.9H-FOX	A340-313X	Hi Fly Malta (a/w)	dep HFY870P
9H-LIS	A321-231	Hi Fly Malta (a/w)	11 BAF633/HFY261P
9H-SOL	A340-313X	Hi Fly Malta (a/w)	10 ETR8708/HFY630
A7-CGS	G500	Qatar Executive	10 QQE860/935
D-CCVD	Ce560XLS	Atlas Air Service	09 ATL1D
EC-MNY	A330-243	Wamos Air	JAF352/161
F-HSBL	EMB500	Pan Européenne A/S	arr
N1904W	G-IVSP	South Aviation	09

EC-LNH	A330-243	Wamos Air	JAF182/182P	D-CSAG	EMB505	Sudzucker Reise	
F-HSHC	Ce525 (M2)	Ixair		F-HINC	Lj75	Roullier Groupe	
LX-WEB	Ce525B	Jetfly Aviation	JFA84Y/93C	F-HJAV	Ce525	Ixair	
YR-AMA	B737-530	Blue Air	BMS6AB/5BH	F-HLPM	Falcon 2000LXS	Michelin Air Services	
15.02	L-410UVP	Transporto Esk	dep	I-PBRA	Falcon 50EX	Sirio	SIO505
CS-LTI	Ce680A	NetJets Europe	16 NJE818B/369P	N400J	G650ER	Johnson & Johnson	arr
CS-PHD	EMB505	NetJets Europe	NJE88B/628P	N605JS	CL-605	Solaris Aviation	19 TWY60
LX-PCB	PC-24	Jetfly Aviation	16 JFA99N/17A	N772CK	B777-F1H	Kalitta Air	f/v 19 CKS977/978D
N600J	G550	Johnson & Johnson	arr	OO-NGL	ERJ190BJ	Flying Group	dep
OE-FBD	Ce510	GlobeAir	GAC938A/927B	OO-SFH	A330-342E	Brussels Airlines	tst
OE-FBD	Ce510	GlobeAir	16 GAC827B/422Q	SE-RMT	Global 6000	SAAB	
16.15+01	A319-115X	FBS BMVg	17	VP-CHI	G550	LA Aviation	
MM62210	Falcon 900EX	93° Gruppo TS	17	19.1257	YaK-40K	241.dlt	20
T.18-2/45-41	Falcon 900B	451 Esc	17	ZE700	BAe146 CC2	32(TR)sq	arr
02-0202	C-40C	201st AS	17	LY-MGC	B737-4Y0	GetJet Airlines	20 GJT631/2
9A-CRO	CL-604	Government of Croatia	17	N378AX	B767-33AER	Omni Air International	CMB549
CS-CHD	CL-350	NetJets Europe	17 NJE394N/748H	20.3085	A319-115X	Czech Air Force	21
CS-PHC	EMB505	NetJets Europe	17 NJE177U/231P	C-080	CL-604	Esk 721	arr
CS-TRJ	A321-231	Belgian Air Force	arr HFY261P	15+01	A319-115X	FBS BMVg	arr
LX-JFW	PC-12/47E	Jetfly Aviation	dep JFA13F	15+04	A321-231	FBS BMVg	21
N511DB	G650	Skybird Aviation	arr	135L-484	ERJ135BJ	352 MMYp	21
OE-FFB	Ce510	GlobeAir	arr	606	Falcon 7X	MH 59. Sz.D. R	arr
OE-HAA	CL-350	AVAG Air	17	68/F-RAFA	Falcon 7X	ET00.060	arr
OK-BEE	Beech 400A	JetBee Czech	arr	MM62209	A319-115X	306° Gruppo TS	21
OO-SFH	A330-342E	Brussels Airlines	del	06	C-27J	Transporto Esk	arr
PH-DIX	PC-12/45	Din-Air		T.18-1/45-40	Falcon 900B	451 Esc	
TC-ANA	A319-115X	Government of Albania	f/v	04-4134	C-17A	6th AS	arr
YU-SRB	ERJ135BJ	Government of Serbia		9A-CRO	CL-604	Government of Croatia	22
17.1257	YaK-40K	241.dlt	18	9H-VFE	CL-605	VistaJet Malta	21 VJT1
607	Falcon 7X	MH 59. Sz.D. R	dep	CS-PHD	EMB505	NetJets Europe	NJE386A/82A
237/F-RAFD	Falcon 2000LX	ET00.060		D-AHGN	Global 6000	Windrose Air	QGA944B/856B
14+02	Global 5000	FBS BMVg	18	D-BOBI	Falcon 2000LX	BASF	21
678	G-V	352 MMYp		D-BURO	CL-300	Aero-Dienst	21 ADN42L
258	Lj45	102sq	18	D-CAWN	Ce680A	Aerowest	21
MM62212	P180AM	Sezione Aerea	18	F-GVMI	Global 6000	LVMH Services	dep
T.18-3/45-42	Falcon 900B	451 Esc		F-HLPM	Falcon 2000LXS	Michelin Air Services	
910502	C-26D	Sigonella AOD	arr	F-HSFJ	Ce680A	Astonjet	ASJ359
40-MNE	Lj45	Vlada Crne Gore	dep	LZ-AOB	A319-112	Government of Bulgaria	21 BGF4
A7-MBK	A320-232X	Government of Qatar	arr	M-ETAL	P180	GFG Aviation	
CS-DXS	Ce560XLS	NetJets Europe	18 NJE638W/682E	N400BC	Global 6000	Ball	
D-CFTG	Lj35A	Quick Air		N887X	Falcon 7X	International Paper Co.	arr
F-HSFJ	Ce680A	Astonjet	ASJ33	OE-FNP	Ce510	GlobeAir	21 GAC303L/452Y
LX-TAC	EMB505	Tika		OE-FZC	Ce510	GlobeAir	GAC447M/336M
OH-WIC	CL-604	Jetflite		OE-GPS	Ce550 Bravo	Tyrol Air Ambulance	
OK-HEU	A320-214	CSA (a/w)	dep CSA9201	OK-HAR	Ce560XL	Aeropartner	arr DFC6GE
OM-BYA	A319-115X	Government of Slovakia	18 SSG4A	OM-BYA	A319-115X	Government of Slovakia	21 SSG2
OM-BYK	A319-115X	Government of Slovakia	SSG4	OY-GFS	Falcon 2000LXS	Air Alsie	21
OO-SNG	A320-214	Brussels Airlines (a/w)	tst BEL9951	YU-FNR	Ce525	Eagle Express	arr
YU-SRB	ERJ135BJ	Government of Serbia		21.252	CN235M-100	101sq	
Z3-MKD	Lj60	Government of Macedonia	18	418/F-RADC	A310-304	ET03.060	
18.910502	C-26D	Sigonella AOD	arr	100008	Tp100C	72 ASC sq	
9A-CRO	CL-604	Government of Croatia	19	102004	Tp102C	TSFE	
9H-TAJ	A330-343E	Hi Fly Malta	21 HFM321P/431P	7T-VCA	B737-8ZQ	Tassili Airlines	DAH2062/3
CS-DQB	Ce560XLS	NetJets Europe		9H-CGH	Falcon 50EX	Skyfirst	22 KFE500
CS-DXJ	Ce560XLS	NetJets Europe	NJE35B/368P	D-CNOC	Ce560XLS	Atlas Air Service	
CS-LTA	Ce680A	NetJets Europe	NJE610L/236P	ES-SAS	A320-214	SmartL. Est. (a/w)	22 JAF751F/2751
D-CDMO	EMB505	Dimor Aero		F-HBAI	P180	B.A.I.	



Previously with Emirates this Boeing 777 freighter was delivered to Kalitta Air in June 2019. N772CK is being operated for DHL in hybrid colours on an ACMI basis. Boeing 777s N773CK and N774CK are currently being operated in full DHL colours. (Brussels, 19 February 2020, Jochem Jottier)

ST42	SF260D	CC Air (grey c/s)	*
11.CE01	ERJ135LR	21sq	*
CH11	C-130H	20sq (special c/s)	*
ST41	SF260D	CC Air (grey c/s)	*
12.ST16	SF260M+	CC Air (Red Devils c/s)	*
13.CH13	C-130H	20sq	*
14.CH13	C-130H	20sq	*
18.CH01	C-130H	20sq	*
19.ST44	SF260D	CC Air (grey c/s)	*
20.H24	A109BA	17sq/1w (demo c/s)	*
ST34	SF260M+	CC Air (Red Devils c/s)	*
21.FA89	F-16AM	2w	*
H22	A109BA	17sq/1w	*
H28	A109BA	17sq/1w	*
RN05	NH90-TTH	18sq/1w	*
24.CH01	C-130H	20sq	*
RN05	NH90-TTH	18sq/1w	*
ST42	SF260D	CC Air (grey c/s)	*
ST46	SF260D	CC Air (grey c/s)	*
25.CH07	C-130H	20sq	*
FA72	F-16AM	2w	*
ST03	SF260M+	CC Air (yellow c/s)	*
ST04	SF260M+	CC Air (yellow c/s)	*
ST44	SF260D	CC Air (grey c/s)	*
26.FA133	F-16AM	2w	*
27.CH11	C-130H	20sq (special c/s)	*
28.CH11	C-130H	20sq (special c/s)	*
ST43	SF260D	CC Air (grey c/s)	*
ST46	SF260D	CC Air (grey c/s)	*

The February movements of Kleine Brogel show a decent mix of transport, trainer and helicopter movements.

Credits: Rik Brebels, Toon Cox, Edwin Huskens, Dennie Vercrujssje.

Koksijde

February 2020			
05.CH04	C-130H	20sq	2x *
06.FA72	F-16AM	2w	*
ST46	SF260D	CC Air	3x *
07.ST26	SF260M+	CC Air	*
ST42	SF260D	CC Air	*
10.ZD981	Chinook HC6A	18sq	*
11.278	AW139	301sq	*
12.FA89	F-16AM	2w	*
13.FA103	F-16AM	10w	3x *
14.FA119	F-16AM	10w	2x *
H29	A109BA	17sq/1w (spec mks)	*
H35	A109BA	17sq/1w	*
ST03	SF260M+	CC Air (yellow c/s)	2x *
GZ100	AW109SP	32(TR)sq	*
18.G17	MD902	Federal Police	*
ST44	SF260D	CC Air (grey c/s, spec mks)	2x *
19.ST46	SF260D	CC Air	3x *
25.FB20	F-16BM	10w/OCU	3x *
28.H29	A109BA	17sq/1w (spec mks)	*
ST42	SF260D	CC Air	*

The RAF Chinook HC6 was heading eastbound. The Irish Air Corps AW139 was heading home, originating from Liege after attend Agusta-Westlands maintenance facility since 26 September 2019. The RAF Agusta 109SP was heading westbound after departing Brussels.

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

Liège

February 2020			
01.F-HNAV	Beech 250	DGAC	02
OE-FCB	Ce510	GlobeAir	dep GAC868N
02.4X-ICD	B747-4EVERF	Cargo Air Lines	arr ICL913
03.ES-MCA	Ce510	Alarair	
05.F-HITM	Beech 400A	Air ITM	MQT53
06.N952CA	B747-428(F)	National Airlines	NCR805/4
OO-PCJ	PC-12/47E	European Aircraft Private Club	tst
08.UR-82029	An-124-100	Ant. Des. Bur.	09 ADB258F/2858
09.EI-DWS	B737-8AS	Ryanair	div 10 RYR8413/0093
OK-PPP	Beech 400XTi	Time Air	TIE103P
UR-SQE	B737-75C	SkyUp Airlines	div 10 SQP821/2
10.OO-VSF	Falcon 8X	Luxaviation Belgium	arr AAB314
11.9H-BRE	B737-3Y0QC	Maleth-Aero (a/w)	arr tdy TAY989P
12.D-AONE	CL-604	Air Alliance	AYY151
13.OE-LBD	A321-211	Austrian Airlines	div AUA411
15.9H-AHS	A320-214	Air Malta	16 AMC7234/5
F-HBEV	A320-216	Air Corsica	16 CCM800/1
F-HBSA	A320-216	Air Corsica	16 CCM802/3
16.CS-GLZ	Global 5000	NetJets Europe	19 NJE114W/364N
CS-LTI	Ce680A	NetJets Europe	17 NJE746L/284R
17.0002	G550	1.BLTr	
ZS-JRC	B737-42J(F)	Safair (a/w)	del SFR551
18.B-2476	B747-4FTF	Air China Cargo	f/v CAO1069/70
PH-JFS	PC-12/45	Eurofilters Holding	
19.F-HIBF	Ce510	HIBF Aviation	ASJ989
N639M	Falcon 2000S	Brunswick Corp.	arr
22.RA-76951	Il-76TD-90	Volga-Dnepr	VDA2917/8
23.9H-QAZ	B737-8AS	Malta Air	div f/v RYR164
EI-ENL	B737-8AS	Ryanair	div RYR1387/0021
25.F-HITM	Beech 400A	Air ITM	MQT53
OK-PPP	Beech 400XTi	Time Air	TIE128P
26.F-HITM	Beech 400A	Air ITM	MQT53
27.0002	G550	1.BLTr	PLF106
G-CGSJ	Global XRS	Gama Aviation	div GMA799
LX-GLX	Global 6000	Global Jet Luxembourg	div SVW1GX
LX-LBR	B737-7K2	Luxair	div LGL3762
LX-LGS	B737-7C9	Luxair	div 28 LGL3760/0055
LX-LQI	DHC-8-402	Luxair	div 28 LGL44L/52
OK-PPP	Beech 400XTi	Time Air	TIE130P
28.CS-HAK	AW139	Aga Khan Foundation	arr
F-GIXU	B737-4Y0(F)	ASL Airl. France (a/w)	03 FPO43/4
29.9H-BRE	B737-3Y0QC	Maleth-Aero (a/w)	dep TAY989P

The Cargo Air Lines Jumbo on the 2nd was re-registered to OO-ACF on 13 February 2020. Two Charles De Gaulle diver-



This Boeing 737-800 was delivered to Tassili Airlines in April 2011. Paul Sanders caught 7T-VCA on photo when it operated a flight for Air Algérie to Brussels on 21 February 2020.



This former Turkish Airlines Boeing 737 was converted to combi aircraft in late 2011 and delivered to Safair early 2012 as ZS-JRC. Late 2017 the aircraft was converted to full freighter and redelivered to Safair in full DHL colours. It was withdrawn from use in January 2020 and one month later ferried to Liège destined for ASL Airlines Belgium. (Liège, 17 February 2020, Mark Rimmel)

sions on the 9th. Another Charles De Gaulle diversion on the 13th. All flights on the 15th were football related. The (former) Safair Boeing on the 17th is destined for ASL Belgium as OE-IWP. The Malta Air Boeing on the 23rd was a Brussels diversion. The Ryanair on the same day was a Charlerois diversion. All diversions on the 27th were Luxembourg diversions.

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

Ostend-Bruges

February 2020			
01.M-ELON	EMB505	Sleepwell Aviation	dep
02.N715CK	B747-4B5(F)	Kalitta Air	CMB166
03.G-RCFC	BAe125-900XP	SaxonAir Charter	VXS503
04.EC-GJM	SA227BC	Flightline	FTL933/921
05.EC-GPS	SA227AC	Flightline	dep FTL831
	OY-HJJ	EC155B1	NHV
06.HA-TAD	Saab 340A(F)	Fleet Air International	FRF201/200
	PH-PXC	EC135P2+	Nationale Politie ZXP03
07.OO-GPS	Ce404	Eurosense	
	PH-JRN	TBM-900	Dok Vast
08.D-CGGG	Lj31A	Jetcall	JCL3
	OE-FZE	Ce510	GlobeAir 09 GAC225E/130F
10.PH-NNX	Ce750	JetNetherlands	13
11.F-HCPB	Ce525	Bleu Azur	12
	OE-FRM	Ce510	GlobeAir GAC447C/225F
12.EC-GXJ	SA226TC	Flightline	13 FTL432/731
	G-JOTA	BAe146-300QT	JOTA Aviation ENZ880P/880
	LZ-FAB	ATR43-320(F)	Fleet Air Bulgaria FBG102/100
	YL-RAG	Saab 340A(F)	RAF-Avia MTL566P/C
13.D-ICMK	Beech C90GTi	Kapp	
	EJ-CORE	EMB135BJ	Gain Jet Ireland GJ165R
	HA-TAD	Saab 340A(F)	Fleet Air Int'l 14 FRF200/201
	N701CK	B747-4B5(F)	Kalitta Air 14 CMB520
	RA-02857	EMB135BJ	RusJet KZN9417/8
14.D-CTWO	Lj35A	Air Alliance Express	AYY108
	D-CULT	Do228-212	Businesswing JMP644/800
	EC-GXJ	SA226TC	Flightline FTL462/3
16.N713CK	B747-4B5(F)	Kalitta Air	CMB529
	PH-NNX	Ce750	JetNetherlands 20
17.D-ASSY	Falcon 7X	Adof Würth	
	LX-ONE	Lj45XR	Luxembourg Air Ambul. LRQ059J
18.LY-FTL	B737-522	KlasJet	19 KLJ6143/6144
	PH-TCN	P180	JetNetherlands
19.D-CXLS	Ce560XLS	Air Hamburg	AHO495
	G-TGPG	B737-3Y0	2Excel Aviation 20 BRO20P/20
	HA-TAD	Saab 340A(F)	Fleet Air International FRF201/200
	OY-GDA	EMB195LR	Great Dane Airlines 20 GDE759
	OY-HJJ	EC155B1	NHV
20.CS-LTD	Ce680A	NetJets Europe	21 NJE2NS/8RJ
	SP-ENW	B737-86J	Enter Air ENT54RN/51JC
21.2-GULF	G-IV	Execujet UK	

HB-JSU	Falcon 900DX	Int'l Jet Management	
LY-FTL	B737-522	KlasJet	KLJ6145/6146
SP-ENW	B737-86J	Enter Air	ENT54MA/53JX
SU-GFF	A220-300	EgyptAir	f/v MSR3330
22.M-CLAB	CL-300	Shamrock Trading	25
	N700CK	B747-4B5(F)	Kalitta Air CMB591
24.CS-TRJ	A321-231	A321-231	21sq BAF631
25.CS-TRJ	A321-231	A321-231	21sq BAF631
	TS-MTL	C-130J-30	21sq TUN009
	ER-BBJ	B747-412F	Aerotrans Cargo dep ATG6601
	PH-NNX	Ce750	JetNetherlands 28 2x
26.EI-IMR	A319-111	A319-111	Alitalia f/v AZA8950/9951
	ER-BBJ	B747-412F	Aerotrans Cargo ATG3013/ -
	HA-TVJ	Saab 340A(F)	Fleet Air International FRF401/400
	OO-JCV	PC-12/47E	NextGen Aviation 27
	OO-TCV	A320-214	Brussels Airlines BEL9933/1077
	PH-EUK	AW139	CHC Helicopters Netherlands
	YL-RAC	An-26	RAF Avia MTL577C/578P
27.9H-JDV	Ce525(M2)	Ce525(M2)	NextGen Aviation (Malta)
	EI-DSY	A320-216	Alitalia f/v AZA9920/8951
	OO-JCV	PC-12/47E	NextGen Aviation
28.9H-JDV	Ce525(M2)	Ce525(M2)	NextGen Aviation (Malta)
	EC-GXJ	SA226TC	Flightline FTL51M/51N
	N701CK	B747-4B5(F)	Kalitta Air CMB165
	OE-FCB	Ce510	GlobeAir GAC790W/X
	OO-SNM	A320-214	Brussels Airlines BEL1078/9934
29.EC-GXJ	SA226TC	SA226TC	Flightline FTL1AO/2AO,61O
	OO-GEE	PC-12/47E	Blue Sky Aviation arr
	OO-KOR	Ce525A	Luxaviation Belgium dep AAB477

EgyptAir Cargo:

SU-GCE 03, 04, 08, 09, 12, 13, 14, 15, 17, 18, 25
 SU-GCF 01, 03², 04, 05, 06, 07, 09, 10, 17, 20, 23, 24, 27
 SU-GCJ 01, 02, 05, 06, 11, 21, 22, 29

TUI Belgium:

OO-JAA 20², 21² OO-JEM 05², 06², 07, 07², 08²
 OO-JAR 25 OO-JLO 25², 26², 28, 28², 29²
 OO-JAX 22, 22², 23, 23², 24² OO-JVA 01², 02², 03², 04², 11, 11²
 OO-JBG 25², 27
 OO-SRO 11², 12², 13², 14², 15², 16², 17, 17², 18², 19
 OO-JAF 01², 02, 02², 03², 04², 05², 06², 07², 08², 09, 11²
 OO-JEB 12², 13², 14, 14², 15², 16², 17², 18², 19², 20², 21, 21², 22²,
 23², 24², 25², 26², 27², 28, 28², 29²

Ostend traffic in February hides some nice gems. From the Russian Legacy 650 to the good old times with RAF Avia Antonov 26. Various sport events brought KlasJet B737s, Alitalia A319/320s, Brussels Airlines A320s and Enter Air B737s. On the military side the Belgian Air Force visited twice with their A321 and the Tunesian Air Force visited once with their C-130J-30.

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

Military Movements Elsewhere



The first edition of the International Aerospace & Defence Exhibition (IADE) Tunisia took place from 4 to 8 March 2020 at Djerba-Zarzis. Obviously, the Tunisian Air Force was present with some support aircraft like these two L-410s. (4 March 2020, Ian French)

Germany

Geilenkirchen		February 2020	
03.59-1505	KC-135R	151st ARS TN ANG	25 RCH255
D-HVBI	EC135T1	Bundespolizei	* BPO32
F-HRGD	ERJ145LU	HOP!	TAY873/5090
OE-LFB	B757-23A(F)	ASL Airlines Belgium	TAY502/5017
04.910502	C-26A	AOD Naples	CNV6104
05.44+72	Tornado IDT	TLG33	* BU21T
58-0112	KC-135T	151st ARS TN ANG	21 RCH605
06.44+72	Tornado IDT	TLG33	* BU23T
84-00157	C-12U-3	E/1-214th AVN	Duke64
07.84-00162	C-12U-3	E/1-214th AVN	Duke64
D-AOLG	Fokker 100	Avanti Air	TAY5091/633
OE-IAQ	B737-4MO(F)	ASL Airlines Belgium	TAY5018/794
11.020	C295M	13.Eltr	12 PLF283
58-0106	KC-135R	106th ARS AL ANG	dep RCH747
12.CH13	C-130H	20sm	* BAF670
44+72	Tornado IDT	TLG33	* Ghost
45+88	Tornado IDS	TLG33	* Knight
59-1495	KC-135R	173rd ARS NE ANG	25 RCH744
14.43+92	Tornado IDS	TLG33	* Ghost
44+72	Tornado IDT	TLG33	*
46+22	Tornado IDS	TLG33	* BU11T
17.44+72	Tornado IDT	TLG33	* Gunner
18.44+34	Tornado IDS	TLG33	* BU12T
D-HLTH	EC155B	Bundespolizei	* BPO22
19.84-00165	C-12U-3	E/1-214th AVN	Duke31
D-HEGZ	AS332L1	Bundespolizei	* BPO20
D-HSHB	EC155B	Bundespolizei	* BPO32
26.59-1466	KC-135R	108th ARS IL ANG	RCH200
D-HEGL	AS332L1	Bundespolizei	* BPO20

Credits: Rolf Flinzner, Scramble messageboard.

Nurnberg		February 2020	
01.07-8608/RS	C-130J-30	37th AS	Herky755
03.54+07	A400M	LTG62	GAF014
04.4x	AH-64D	1-3rd AVN	*
05.04-3142/RS	C-130J-30	37th AS	Herky631
2x	AH-64D	1-3rd AVN	*
84-00165	C-12U-3	E/1-214th AVN	Duke11
06.77+01	H145LUH	THR30	* Joker62
07.54+13	A400M	LTG62	GAF012
12.97-00102	UC-35A	E/1-214th AVN	Duke33
13.76+10	H145M	HSG64	* Hawk436
14.54+31	A400M	LTG62	GAF174

18.84-00156	C-12U-3	E/1-214th AVN	Duke63
97-00102	UC-35A	E/1-214th AVN	Duke28
18.ZZ338	Voyager KC3	10/101sq	
19.11-20422	UH-60M	4-3rd AVN	* Army20422
21.9A-HBA	EC135P2+	Croatian Police	
25.84-00165	C-12U	E/1-214th AVN	Duke63
26.ZZ336	Voyager KC3	10/101sq	RRR2820

Credits: MAR, Scramble messageboard.

Ramstein		February 2020	
01.02	C-17A	HAW	dep Bartok50
85-0008	C-5M	60th AMW	dep RCH556
87-0032	C-5M	60th AMW	03 RCH413
99-0166	C-17A	62nd AW	dep RCH424
99-0169	C-17A	436th AW	RCH553/552
00-0180	C-17A	758th AS AFRC	dep RCH211
00-0181	C-17A	167th AS WV ANG	dep RCH166
02-1101	C-17A	758th AS AFRC	02 RCH533
02-1106	C-17A	62nd AW	dep RCH430
04-4136	C-17A	305th AMW	03 RCH548/822
06-6168	C-17A	436th AW	03 RCH112
07-7178	C-17A	437th AW	RCH408
08-8194	C-17A	62nd AW	02 RCH309
09-9207	C-17A	437th AW	dep RCH314
910502	C-26D	AOD Naples	dep CNV6131
165834	C-40A	VR-58	dep CNV6631
02.00-0180	C-17A	758th AS AFRC	09 RCH822/268
04-4130	C-17A	305th AMW	03 RCH415
08-8199	C-17A	62nd AW	03 RCH437
169534/BH	KC-130J	VMGR-252	Bronco31
03.02	C-17A	HAW	04 Bartok50
69-0024	C-5M	436th AW	06 RCH105
87-0029	C-5M	60th AMW	12 RCH708
03-3123	C-17A	167th AS WV ANG	04 RCH911/Bndg02
04-4130	C-17A	305th AMW	04 RCH415
08-8191	C-17A	437th AW	04 RCH101
10-0213	C-17A	437th AW	RCH596
900528	C-26D	AOD Naples	04 CNV6203
04.95-0105	C-17A	137th AS NY ANG	05 RCH327
96-0005	C-17A	137th AS NY ANG	05 RCH620
99-0166	C-17A	62nd AW	RCH424
19-0018	C-32A	1st AS	06 SAM98
99-00102	UC-35A	E/1-214th AVN	Duke59
169534/BH	KC-130J	VMGR-252	Bronco31/Herky84
169534/BH	KC-130J	VMGR-252	Herky84/Bronco31
94-26587	UH-60L	A/2-3rd AVN	Army26587

1x	UH-60M	A/1-214th AVN	05 Duke25	02-1108	C-17A	62nd AW	14 RCH983
05.605	A319-112	MH 59. Sz.D. REB.	HuAF117	03-3124	C-17A	437th AW	14 RCH220
02	C-17A	HAW	Bartok50	06-6154	C-17A	60th AMW	14 RCH350
01-0197	C-17A	156TH AS NC ANG	06 RCH440	09-9205	C-17A	437th AW	02 RCH483/491
03-3113	C-17A	183rd AS MS ANG	06 RCH555	02-01863	C-37A	OSACOM/PAT	15 PAT63
03-3123	C-17A	167th AS WV ANG	06 RCH259	14.98-0057	C-17A	137th AS NY ANG	15 RCH550
07-7177	C-17A	436th AW	RCH728	00-0182	C-17A	167th AS WV ANG	16 RCH406/552
99-6143	C-32B	150th SOS NJ ANG	RCH581	03-3125	C-17A	305th AMW	RCH445
01-0041	C-40A	89th AW	06 SAM129	04-4131	C-17A	305th AMW	RCH628
09-05581	AH-64D	1-3rd AVN		08-8190	C-17A	437th AW	15 RCH170
09-05589	AH-64D	1-3rd AVN		09-9207	C-17A	437th AW	15 RCH416
06.85-0008	C-5M	436th AW	07 RCH544	900530	C-26D	AOD Sigonella	CNV6314
96-0005	C-17A	137th AS NY ANG	07 RCH620	15.87-0037	C-5M	337th AS AFRC	16 RCH300
00-0176	C-17A	155th AS TN ANG	07 RCH364	92-3293	C-17A	437th AW	18 RCH800
01-0196	C-17A	167th AS WV ANG	07 RCH217	95-0105	C-17A	137th AS NY ANG	16 RCH205
01-0197	C-17A	156TH AS NC ANG	07 RCH155	97-0048	C-17A	89th AS AFRC	16 RCH177
10-0223	C-17A	437th AW	07 RCH135	03-3116	C-17A	183rd AS MS ANG	16 RCH313
165151	C-20G	COMNAVEUR	Catbird1	03-3124	C-17A	437th AW	16 RCH220
07.03-3113	C-17A	183rd AS MS ANG	08 RCH555	16.00-0180	C-17A	758th AS AFRC	17 RCH483/363
03-3125	C-17A	305th AMW	RCH687	00-0182	C-17A	167th AS WV ANG	17 RCH552/163
07-7180	C-17A	437th AW	08 RCH444	04-4137	C-17A	305th AMW	RCH508
07-7189	C-17A	437th AW	08 RCH954	05-5140	C-17A	729th AS AFRC	RCH241
09-9207	C-17A	437th AW	08 RCH314	02-01863	C-37A	OSACOM/PAT	17 PAT63
166378	C-37B	VR-1	08 VV378	17.95-0105	C-17A	137th AS NY ANG	18 RCH205
165379/BD	C-130T	VR-64	CNV6506	00-0182	C-17A	167th AS WV ANG	RCH163/541
08.00-0176	C-17A	155th AS TN ANG	13 RCH364/376	01-0191	C-17A	436th AW	19 RCH476/695
01-0196	C-17A	167th AS WV ANG	11 RCH217/153	03-3116	C-17A	183rd AS MS ANG	18 RCH313
02-1107	C-17A	156TH AS NC ANG	16 RCH037	06-6154	C-17A	60th AMW	18 RCH350
02-1112	C-17A	183rd AS MS ANG	09 RCH420	09-9206	C-17A	437th AW	RCH475
06-6159	C-17A	60th AMW	09 RCH138	09-9207	C-17A	437th AW	18 RCH416
08-8190	C-17A	437th AW	09 RCH346	18.02	C-17A	HAW	19 Bartok76/51
09.04-4132	C-17A	305th AMW	09 RCH162	85-0008	C-5M	436th AW	23 RCH347
07-7177	C-17A	436th AW	11 RCH528	98-0057	C-17A	137th AS NY ANG	RCH550
11.0216	M-28B/PT	8.BLTr	12 PLF246	04-4137	C-17A	305th AMW	23 RCH508/476
00-0171/AK	C-17A	144th/517th AS AK ANG	12 RCH325	06-6165	C-17A	436th AW	RCH486
02-1112	C-17A	183rd AS MS ANG	12 RCH420	07-7180	C-17A	437th AW	RCH797
08-8190	C-17A	437th AW	12 RCH346/324	07-7183	C-17A	437th AW	RCH510
08-8194	C-17A	62nd AW	12 RCH338	02-01863	C-37A	OSACOM/PAT	19 PAT63
08-8201	C-17A	62nd AW	RCH557	19.00-0182	C-17A	167th AS WV ANG	24 Bndg35/RCH533
15-20754	UH-60M	A/1-214th AVN	Duke78	02-1106	C-17A	62nd AW	RCH374
12.86-0031	KC-10A	60th AMW	13 RCH310	06-6159	C-17A	60th AMW	RCH373
84-00162	C-12U-3	E/1-214th AVN	Duke64	07-7177	C-17A	436th AW	RCH517
97-0044	C-17A	89th AS AFRC	13 RCH243	07-7180	C-17A	437th AW	21 RCH797
01-0196	C-17A	167th AS WV ANG	13 RCH153	07-7188	C-17A	437th AW	20 RCH102
04-4131	C-17A	305th AMW	13 RCH628	166514/BH	KC-130J	VMGR-252	22 Bronco36
08-8190	C-17A	437th AW	14 RCH324/170	60-0355/D	KC-135R	351st ARS	20 Quid31
09-9212	C-17A	437th AW	13 RCH1818	20.02	C-17A	HAW	21 Bartok51
13.0216	M-28B/PT	8.BLTr	14 PLF246	00-0180	C-17A	758th AS AFRC	22 RCH363/327
98-0054	C-17A	437th AW	14 RCH247	01-0197	C-17A	156TH AS NC ANG	RCH690/541
00-0180	C-17A	758th AS AFRC	RCH268	06-6165	C-17A	436th AW	21 RCH486
00-0182	C-17A	167th AS WV ANG	14 RCH406	07-7183	C-17A	437th AW	26 RCH510/489



A nice morning shot of EH101 Mk515 - serial 19607 - from Esq751 at its home base Montijo. Montijo will become Lisbon's second international airport and Esq751 will move to Sintra. (8 November 2019, Julian Sonneveld)



The Egyptian Air Force is a regular visitor to Europe. A good example is this C295M - 1194/SU-BRV- which was photographed during landing at Le Bourget. (24 February 2020, Steve Jerrim)

02-01863	C-37A	OSACOM/PAT	21 PAT63	03-3124	C-17A	437th AW	RCH503
21.ZH888/888	Hercules C5	BNTW	RRR5832	04-4131	C-17A	305th AMW	26 RCH507
87-0030	C-5M	60th AMW	23 RCH540	09-0015	C-32A	1st AS	SAM95
79-1947	KC-10A	305th AMW	22 RCH025	62-3551/D	KC-135R	351st ARS	26 Quid12
79-1948	KC-10A	60th AMW	22 RCH030	15-20745	UH-60M	A/1-214th AVN	* Duke08
87-0120	KC-10A	305th AMW	22 RCH026	26.01-0192	C-17A	137th AS NY ANG	RCH512
97-0042	C-17A	155th AS TN ANG	24 RCH697	04-4137	C-17A	305th AMW	27 RCH499
01-0187	C-17A	62nd AW	22 RCH495	05-5140	C-17A	729th AS AFRC	27 RCH729
01-0192	C-17A	137th AS NY ANG	RCH512	06-6154	C-17A	60th AMW	27 RCH346
02-1112	C-17A	183rd AS MS ANG	RCH516	06-6157	C-17A	60th AMW	RCH515
03-3124	C-17A	437th AW	RCH503	06-6165	C-17A	436th AW	RCH498
06-6162	C-17A	60th AMW	RCH511	07-7182	C-17A	437th AW	27 RCH260
07-7177	C-17A	436th AW	24 RCH517/513	07-7185	C-17A	437th AW	RCH274
08-8191	C-17A	437th AW	RCH497	08-8191	C-17A	437th AW	RCH497
10-0214	C-17A	437th AW	22 RCH695	09-9208	C-17A	437th AW	RCH511
10-0218	C-17A	62nd AW	RCH502	10-0218	C-17A	62nd AW	RCH502
10-0219	C-17A	62nd AW	RCH499	10-0223	C-17A	437th AW	RCH487
84-0044/LN	F-15D	493rd FS	Strike11	82-8000	VC-25A	1st AS	AF1
97-0219/LN	F-15E	492nd FS	Strike12	92-9000	VC-25A	1st AS	SAM45
22.85-0002	C-5M	436th AW	01 RCH214/538	09-0017	C-32A	1st AS	27 SAM18
94-0065	C-17A	155th AS TN ANG	23 RCH447	166378	C-37B	VR-1	27 VV378
00-0176	C-17A	155th AS TN ANG	23 RCH111	62-3551/D	KC-135R	351st ARS	27 Quid12
03-3114	C-17A	183rd AS MS ANG	23 RCH330	90-0833/SP	F-16CM	480th FS	* Wild01
03-3127	C-17A	62nd AW	23 RCH556	27.01-0197	C-17A	156TH AS NC ANG	28 RCH233
06-6161	C-17A	60th AMW	27 RCH276/490	06-6161	C-17A	60th AMW	RCH490
06-6165	C-17A	436th AW	RCH498	06-6162	C-17A	60th AMW	RCH514
07-7178	C-17A	437th AW	29 RCH203	07-7185	C-17A	437th AW	RCH274
10-0223	C-17A	437th AW	RCH487	10-0219	C-17A	62nd AW	02 RCH513/276
09-0015	C-32A	1st AS	23 SAM95	168980	C-40A	VR-61	CNV6627
166514/BH	KC-130J	VMGR-252	Bronco36/37	28.77/XD	TBM-700A	ET00.043	CTM1309
23.08-8197	C-17A	62nd AW	25 RCH531	86-0026	C-5M	60th AMW	29 RCH629
82-8000	VC-25A	1st AS	AF1	95-0104	C-17A	155th AS TN ANG	29 RCH222/331
92-9000	VC-25A	1st AS	24 SAM45	02-1105	C-17A	62nd AW	RCH173
09-0017	C-32A	1st AS	SAM18	07-7183	C-17A	437th AW	RCH489
59-1444	KC-135R	166th ARS OH ANG	03 RCH727	168980	C-40A	VR-61	CNV6627
24.85-0005	C-5M	436th AW	RCH538/214	29.01-0197	C-17A	156TH AS NC ANG	02 RCH233/269
94-0065	C-17A	155th AS TN ANG	29 Bndg01/RCH188	02-1099	C-17A	758th AS AFRC	04 RCH557
00-0176	C-17A	155th AS TN ANG	26 RCH111	02-1112	C-17A	183rd AS MS ANG	01 RCH648
00-0180	C-17A	758th AS AFRC	29 RCH327/984	05-5140	C-17A	729th AS AFRC	RCH729
03-3114	C-17A	183rd AS MS ANG	RCH330	06-6161	C-17A	60th AMW	RCH490
07-7181	C-17A	437th AW	25 RCH1815	06-6162	C-17A	60th AMW	RCH222
07-7188	C-17A	437th AW	25 RCH102	07-7178	C-17A	437th AW	01 RCH203
62-3551/D	KC-135R	351st ARS	25 Quid12	07-7182	C-17A	437th AW	RCH260
25.87-0044	C-5M	60th AMW	03 RCH250	07-7189	C-17A	437th AW	01 RCH800
00-0182	C-17A	167th AS WV ANG	28 RCH533	09-9212	C-17A	437th AW	01 RCH279
01-0191	C-17A	436th AW	28 RCH695/513	01-0040	C-40B	1st AS	SAM396
02-1112	C-17A	183rd AS MS ANG	RCH516				

Credits: MAR, Scramble messageboard.

Schleswig-Jagel			February 2020
07.0454	C295M	242.tsl	
9238	JAS39C	211.tl	tdy
9241	JAS39C	211.tl	tdy
9242	JAS39C	211.tl	tdy
9243	JAS39C	211.tl	tdy
406	An-26	MH 59. Sz.D. REB.	
30	JAS39C	MH 59. Sz.D. REB.	tdy
32	JAS39C	MH 59. Sz.D. REB.	tdy
38	JAS39C	MH 59. Sz.D. REB.	tdy
42	JAS39D	MH 59. Sz.D. REB.	tdy

Credits: MAR, Scramble messageboard.

Wiesbaden			January 2020
09.01-0030	C-37A	76th AS	
10.LJ-2	Lj35	TukillLv	
16.99-26841	UH-60L	A/2-3rd AVN	
05-27055	UH-60L	A/2-3rd AVN	
31.84-0126	C-21A	76th AS	

			February 2020
05.022	C295M	8.BLTr	
84-00170	C-12U-3	D/204th MI Bn Stuttgart Det	
95-26596	UH-60L	A/2-3rd AVN	
06.85-24446	UH-60A	C/1-214th AVN	
07.022	C295M	8.BLTr	
76-3239	C-12C	USE Ankara	08
19.	84-00170	C-12U-3 D/204th MI Bn Stuttgart Det	21
20.83-0499	C-12D	USE Budapest	

Credits: MAR, Scramble messageboard.

Ireland

Shannon			February 2020
07.166694	C-40A	USN	
11.93-0601	C-17A	USAF	
12.165379/BD	C-130T	VR-64	
17.02-01863	C-37A	USAPAT	
22.02-0042	C-40B	1st AS	
25.04-01778	C-37B	USAPAT	
26.02-0202	C-40C	201st AS DC ANG	
27.09-0017	C-32A	89th AW	
29.04-01778	C-37B	USAPAT	

Credits: MAR, Scramble messageboard.

Portugal

Lajes, Azores			February 2020
01.01-0186	C-17A	436th AW	02 RCH293
02.1277/SU-BAI	C-130H	4sq/16sq	03 EGY1103

1289/SU-BAV	C-130H	4sq/16sq	dep EGY1102
17-5867	C-130J-30	19th AW	RCH368
03.5116/61-PB	C-130H	ET02.61	04 CTM1243
169230/QB	KC-130J	VMGR-352	04 Raidr31
167985/QB	KC-130J	VMGR-352	04 Raidr10
04.78-0712	A-10C	355th Wg	12 Tabor14
78-0650	A-10C	355th Wg	12 Tabor15
80-0187/DM	A-10C	355th Wg	12 Tabor12
81-0960	A-10C	355th Wg	12 Tabor11
81-0985	A-10C	355th Wg	12 Tabor16
82-0654	A-10C	355th Wg	12 Tabor13
58-0113/D	KC-135R	351st ARS	05
ZM414/414	Atlas C1	24/70sq	RRR4080
06.08-6203	MC-130J	AFSOC	RCH1030
59-1513/D	KC-135R	351st ARS	* Quid44
07.15-5822/RS	C-130J-30	37th AS	08 Herky91
08.ZM414/414	Atlas C1	24/70sq	09 RRR4081
10-0216	C-17A	62nd AW	12 RCH738
87-0125	MC-130H	AFSOC	RCH1012
15-5822/RS	C-130J-30	37th AS	Herky91
169534/BH	KC-130J	VMGR-252	Bronco31
09 130606	CC-130J-30	436sq	11 CFC4262
130617	CC-130J-30	436sq	11 CFC4259
1277/SU-BAI	C-130H	4sq/16sq	11 EGY1103
10.165151	C-20G	CFLSW Det Sigonella	Catbird1
11.130606	CC-130J-30	436sq	14 CFC4262
89-0280	MC-130H	nn	RCH1008
15-5822/RS	C-130J-30	37th AS	Herky91
17-5867	C-130J-30	19th AW	RCH368
97-00105	UC-35A	E/1-214th AVN	13 Duke77
165832	C-40A	USN	CNV4000
12.144618	CC-144C	412sq	CFC3889
SU-BTV	Falcon 7X	Gvmt of Egypt	14 SUBTV
4189	C-130E	6sq/21sq	13 PAAF976
ZH888/888	Hercules C5	BNTW	RRR5838
96-6042	CN235M-100	nn	17 RCH54
166762/BH	KC-130J	VMGR-252	Otis82
60-0313	KC-135R	nn	13 Blue62
60-0343	KC-135R	nn	13 Blue63
13.87-9288	AC-130W	AFSOC	RCH1034
15.ZH888/888	Hercules C5	BNTW	17 RRR5839
11-5737	MC-130J	67th SOS	17 Bola01
165349/JW	C-130T	VR-62	17 CNV3323
16.4189	C-130E	6sq	17 PAAF976
166696	C-40A	USN	CNV4362
17.130606	CC-130J-30	436sq	CFC4262
87-0126	MC-130H	nn	18 RCH1014
18.130617	CC-130J-30	436sq	CFC4259
P.3M-08/22-31	P-3M	Ala 22	20 AME2204



IADE Tunisia 2020 was an excellent opportunity for many aviation enthusiasts to photograph Tunisian Air Force aircraft. C-130H Z21012/TS-MTB is seen here on the runway at Djerba-Zarzis. (4 March 2020, Ian French)



For transport duties, the Turkish Air Force send one of their oldest C-130Bs - 58-0736 - to IADE 2020. Currently, the TuAF operates six C-130Bs and twelve C-130Es with 222 Filo based at Kayseri. (Djerba-Zarzis, 4 March 2020, Ian French)

87-0126	MC-130H	nn	RCH1014	164995/AX	C-130T	VR-53	CNV3141
169533/BH	KC-130J	VMGR-252	Otis86	28.130614	CC-130J-30	436sq	CFC4232
19.09-5713	MC-130J	67th SOS	20 Goofy41	1285/SU-BAR	C-130H	4sq/16sq	EGY1104
12-5768/FT	HC-130J	79th RQS	King25	169742	F/A-18E	nn	VMPYR72
TK23-07/31-27	A400M	Ala 31	20 AME3122	169750	F/A-18F	nn	VMPYR71
20.0037/F-RBAJ	A400M	ET01.61	CTM2031	169219	EA-18G	nn	VMPYR73
MM62179/46-44	KC-130J	50°Gr	21 IAM4680	29.168980	C-40A	USN	CNV6629
MM62226/14-01	KC-767A	8°Gr	21 IAM1421	C.16-35/11-35	EF2000	Ala 11	AME1409
MM62229/14-04	KC-767A	8°Gr	21 IAM1422	C.16-43/11-43	EF2000	Ala 11	AME1407
MM7335/32-04	F-35A	13°Gr	25 IAM3201/3206	C.16-45/14-10	EF2000	Ala 14	AME1401
MM7336/32-05	F-35A	13°Gr	21 IAM3203/2	C.16-52/11-52	EF2000	Ala 11	AME1408
MM7357/32-07	F-35A	13°Gr	21 IAM3204/3	C.16-62/14-21	EF2000	Ala 14	AME1402
MM7358/32-08	F-35A	13°Gr	21 IAM3202/1	C.16-64/14-22	EF2000	Ala 14	AME1410
MM7359/32-09	F-35A	13°Gr	21 IAM3206/5	C.16-73/14-31	EF2000	Ala 14	AME1404
MM7361/32-11	F-35A	13°Gr	21 IAM3205/4	C.16-74/14-32	EF2000	Ala 14	AME1403
4177	C-130E	6sq	21 PAAF980	CE.16-12	EF2000(T)	Ala 14	'14-71'AME1405
P.3M-08/22-31	P-3M	Ala 22	21 AME2204	CE.16-14	EF2000(T)	Ala 11	'11-14'AME1406
ZM142/008	F-35B	617sq	21 RRR9805	TK.10-11	KC-130H	Ala 31	'31-53'AME3130
ZM139/005	F-35B	617sq	21 RRR9807	T19B-12	CN235M-100	SAR Pool	AME4801
ZM144/010	F-35B	617sq	21 RRR9808	P.3M-08/22-31	P-3M	Ala 22	AME2206
ZM146/012	F-35B	617sq	21 RRR9804	ZZ338	Voyager KC3	10/101sq	RRR9211
ZZ331	Voyager KC2	10/101sq	21 RRR9104	ZZ335	Voyager KC3	10/101sq	RRR9212
ZZ337	Voyager KC3	10/101sq	21 RRR9402				
21.CNA-OJ	C-130H	Esc.de Transporte 3	RMAF217				
09-00646	MC-12W	US Army	25 Elvis13				
22.13-5778	MC-130J	67th SOS	23 Jello41				
23.15005	CC-150	437sq	25 CFC3179				
1285/SU-BAR	C-130H	4sq/16sq	EGY1104				
168980	C-40A	USN	24 CNV6623				
24.0037/F-RBAJ	A400M	ET01.61	CTM2031				
MM62178/46-43	C-130J	50°Gr	25 IAM4682				
MM62228/14-03	KC-767A	8°Gr	25 IAM1424				
MM62229/14-04	KC-767A	8°Gr	25 IAM1423				
MM7295/4-51	F-2000A	4°St	25 IAM0411/10				
MM7298/36-24	F-2000A	36°St	25 IAM3601/3				
MM7301/37-11F	2000A	37°St	IAM0409				
MM7311/4-55	F-2000A	4°St	25 IAM0410/3604				
MM7318/36-32	F-2000A	36°St	25 IAM3602				
MM7322/36-40	F-2000A	36°St	25 IAM3603/1				
4177	C-130E	6sq	25 PAAF980				
3x	P-8A	VP-4	tdy VVYD57/25/26				
25.MM62178/46-43	C-130J	50°Gr	26 IAM4682				
26.MM62293/14-11	E-550A	71°Gr GE	IAM1495				
14-5788	C-130J-30	19th AW	27 RCH504				
27.MM62178/46-43	C-130J	50°Gr	IAM4681				
7T-VPC	G-IV	Gvmt of Algeria	7TVPC				
CNA-OK	C-130H	Esc de Transporte	28 RMAF217				
TK23-06/31-26	A400M	Ala 31	AME3126				
57-1493/D	KC-135R	351st ARS	* Quid43				

Credits: MAR, Scramble messageboard.

United Kingdom

Brize Norton			February 2020
03.ZZ533	Wildcat HMA2	815NAS	Rascal382
04.ZH895	Chinook HC6A	Odiham Wg	* SHF264
ZK317	Typhoon FGR4	Typhoon23	*
05.ZM523	Juno HT1	DHFS	06 SYS117
57-1493/D	KC-135R	351st ARS	* Quid34
06.ZZ507	Shadow R1+	14sq	07 Snake57/RRR7507
ZM509	Juno HT1	DHFS	* SYS85
ZM516	Juno HT1	DHFS	* SYS84
ZZ512	Wildcat AH1	847NAS	17 a/f out Marine11
07.ZZ527	Wildcat AH1	847NAS	14 a/f out Marine11
164995	C-130T	VR-53	09 CNV3344
09.10+23	A310-304	FBS BMVg	GAF558
MM62228	KC-767	8°Gr	IAM1438
97-0401	C-37A	99th AS	10 SAM053
10.G-988	C-130H	336sq	14 NAF72
G-273	C-130H-30	336sq	NAF70
ZH902	Chinook HC5	Odiham Wg	11 SHF468
11.XW219	Puma HC2	Benson Wg	SH365
ZJ193	Apache AH1	AAC	Gunship2
ZJ208	Apache AH1	AAC	Gunship1
ZH902	Chinook HC5	Odiham Wg	SHF433
ZK566	Chinook HC6	Odiham Wg	* SHF503

12.ZK561	Chinook HC6	Odiham Wg	* SHF390	83-0077	KC-10A	60th AMW	20 Quid22
13.ZJ954	Puma HC2	Benson Wg	SHF344	27.57-1493	KC-135R	351st ARS	28 Quid43/162
14.3085	A319-115X	241.dlt	CEF608	28.58-0001	KC-135R	351st ARS	arr Quid758
G-781	C-130H	336sq	NAF21	29.62-3514	KC-135R	141st ARS NJ ANG	RCH030/8
XW213	Puma HC2	Benson Wg	* SHF395	<u>Credits:</u> MAR, Scramble messageboard.			
ZH106/06	Sentry AEW1	8/23sq	* NATO33	Mildenhall			
17.CH13	C-130H	20sm		February 2020			
ZJ183	Apache AH1	AAC	Viper1/2	01.ZM414/414	Atlas C1	24/70sq	RRR4514
ZJ218	Apache AH1	AAC	Viper1/2	58-0076	KC-135R	72nd ARS AFRC	tdy 15 RCH272
18.ZD982	Chinook HC6A	Odiham Wg	* SHF547	03.63-13188	C-130E	222Filo	06 TUAFA01
ZH893	Chinook HC6A	Odiham Wg	* SHF255	62-3508	KC-135R	141st ARS NJ ANG	25 RCH102/201
UR-82009	An-124	Antonov Airlines	19 ADB259F/2855	58-0045	KC-135T	171st ARW PA ANG	04 RCH311
19.ZZ392	Wildcat AH1	1Regt	Valiant6*1	04.57-1483	KC-135R	92nd/141st ARW	05 RCH146
24.ZK030/FF	Hawk T2	25sq	*	05.01-0191	C-17A	436th AW	06 RCH370
ZK033/FI	Hawk T2	25sq	*	08-6203	MC-130J	9th SOS	06 RCH1030
XW209	Puma HC2	Benson Wg	* SHF304/283	62-4132/OF	RC-135W	55th Wg	08 Olive56
25.101	Falcon 10MER	57S	* FNY5560	06.G-273	C-130H	336sq	07 NAF26
ZJ194	Apache AH1	3/4Regt	* Gunship2	ZZ666	RC-135W	51sq	18 RRR7215
ZJ228	Apache AH1	3/4Regt	* Gunship1	84-00156	C-12U-3	E/1-214th AVN	Duke31
G-ETPA	PC-21	QinetiQ	* Tester5	07.83-0082	KC-10A	305th AMW	08 RCH860
G-ETPB	PC-21	QinetiQ	* Tester5	08.58-0117	KC-135R	171st ARW PA ANG	11 RCH250
26.KAF327	KC-130J	41sq	28 KAF3201	10.60-0313	KC-135R	22nd ARW	Blue62
ZA714	Chinook HC6A	Odiham Wg	* SHF262	11.09-9209	C-17A	62nd AW	RCH191
ZA712	Chinook HC6A	Odiham Wg	* SHF257	60-0343	KC-135T	22nd ARW	12 Roma63/Blue63
ZJ122/F	Merlin HC4	845NAS	Junglie432	12.58-0004	KC-135R	106th ARS AL ANG	13 RCH200
G-ETPA	PC-21	QinetiQ	* Tester05	91-0316/LN	F-15E	492nd FS	Wild71
27.UR-82007	An-124	Antonov Design Bureau	ADB519F	91-0605/LN	F-15E	492nd FS	Wild72
XW204	Puma HC2	Benson Wg	SHF283	13.62-4134/OF	RC-135W	55th Wg	14 Olive57
28.166762/BH	KC-130J	VMGR-252	01 Otis81	64-14847/OF	RC-135U	55th Wg	20 Olive56
XW220	Puma HC2	Benson Wg	* SHF347	14.86-0028	KC-10A	305th AMW	17 Roma61
<u>Credits:</u> MAR, Scramble messageboard.				15.83-0077	KC-10A	60th AMW	* RCH559
Cambridge				62-3568	KC-135R	6th ARW	* RCH542
February 2020				17.CE03	ERJ145LR	21sm	BAF617
01.V-11	G-IV	334sq	NAF11	023	C295M	8.BLTr	18 PLF043
03.G-988	C-130H	336sq	NAF77	54+13	A400M	LTG62	GAF044
V-11	G-IV	334sq	NAF11	62-3568	KC-135R	6th ARW	18 RCH542
05.ZM313	Prefect T1	3 FTS	BKH92	18.ZZ174/174	C-17A	99sq	* RRR829
19.84004/844	Tp84	TSFE	arr SVF808	83-0077	KC-10A	60th AMW	* Quid22
84006/846	Tp84	TSFE	SVF809	63-8871	KC-135R	92nd/141st ARW	19 RCH553
20.ZH874/874	Hercules C4	24/47sq	arr	62-4132/OF	RC-135W	55th Wg	27 Olive56/Hoover58
25.ZH879/879	Hercules C4	24/47sq	dep	19.ZM334	Phenom T1	45sq	* CWL31
27.212	C-130J-30	Qatari AF	Dema121	20.026	C295M	8.Bltr	21 PLF043
ZH875/875	Hercules C4	24/47sq		86-0036	KC-10A	305th AMW	21 RCH407
<u>Credits:</u> MAR, Scramble messageboard.				83-0077	KC-10A	60th AMW	tdy Nacho81
Coningsby				21.CE03	ERJ145LR	21sm	BAF612
February 2020				54+06	A400M	LTG62	GAF009
11.XX318	Hawk T1	Red Arrows	* Red7	168204	UC-12W	VMR-4	Atila04
13.91-0335/LN	F-15E	492nd FS	* Muger51	N85	CL-604	FAA	25 Flightcheck85
24.ZM336	Phenom T1	45sq	* Cranwell48	23.59-1444	KC-135R	121st ARW OH ANG	* RCH727
<u>Credits:</u> MAR, Scramble messageboard.				26.84-0126	C-21A	76th AS	Valor21
Fairford				84-00156	C-12U-3	E/1-214th AVN	Duke64
February 2020				27.T-235	KDC-10	334sq	* NAF42
18.08-6205	MC-130J	67th SOS	* Strix67	83-0080	KC-10A	60th AMW	28 RCH462
24.07-7181	C-17A	437th AW	RCH1815	87-0124	KC-10A	305th AMW	arr Blue81
09-6207	MC-130J	67th SOS	* Strix67	169534	KC-130J	VMGR-252	Bronco31
26.68-10336/BB	U-2A	99th RS	27 Dragon86/51	28.79-1951	KC-10A	60th AMW	Blue01
<u>Credits:</u> MAR, Scramble messageboard.				28.64-14846/OF	RC-135V	55th Wg	arr Olive56
Farnborough				169534	KC-130J	VMGR-252	Bronco31
February 2020				29.12-5768	HC-130J	71st RQS	arr King25
01.A9C-BAH	G650	Gvmt of Bahrain	02 BAH6	<u>Credits:</u> MAR, Scramble messageboard.			
04.A6-SHJ	A320-232X	Gvmt of Sharjah	05 SHJ01	Northolt			
10.A9C-BHR	G450	Gvmt of Bahrain	11 BAH4	February 2020			
11.A6-HEH	B737-8AJ	Gvmt of Dubai	13 DUB6	05.ZH894	Chinook HC6A	Odiham Wg	SHF390
A6-FZZ	B737-8KN	Gvmt of Dubai	12 DUB12	11.XW231	Puma HC2	Benson Wg	Ambush2
XW219	Puma HC2	Benson Wg	SHF365	ZA940	Puma HC2	Benson Wg	Ambush1
19.A6-HHH	G650	Gvmt of Dubai	dep DUB15	12.ZJ127/L	Merlin HC4	845NAS	Junglie410
21.A9C-BHR	G450	Gvmt of Bahrain	22 BAH4	13.ZJ127/L	MerlinHC4	845NAS	Junglie411
22.A6-HHH	G650	Gvmt of Dubai	23 DUB15	<u>Credits:</u> MAR, Scramble messageboard.			
24.CN-MMR	G550	Esc de Transporte	FRV1315	Prestwick			
28.A9C-BHR	G450	Gvmt of Bahrain	arr BAH4	February 2020			
<u>Credits:</u> MAR, Scramble messageboard.				01.06-6168	C-17A	436th AW	dep RCH112
Lakenheath				07-7175	C-17A	436th AW	04 RCH320
February 2020				07-7185	C-17A	437th AW	03 RCH312
04.G-273	C-130H	336sq	NAF74	08-8193	C-17A	62nd AW	RCH215
13.84-0087	C-21A	76th AS	E10E2	02.07-7188	C-17A	437th AW	dep RCH416
18-1942	C-37B	99th AS	14 SAM194	99-0168/AK	C-17A	144th/517th AS AK ANG	03 RCH171
18.(ZK318)	Typhoon FGR4	nn	*	02-1109	C-17A	62nd AW	03 RCH632

04-4128	C-17A	305th AMW	03 RCH144	25.97-0048	C-17A	89th AS AFRC	27 RCH558
06-6154	C-17A	60th AMW	03 RCH239	95-6711	C-130H	130th AS WV ANG	26 RCH544-5
06-6160	C-17A	60th AMW	03 RCH313	96-7323	C-130H	130th AS WV ANG	26 RCH544-5
07-7178	C-17A	437th AW	03 RCH408	26.15005	CC-150	437sq	27 CFC3179
03.99-0168/AK	C-17A	144th/517th AS AK ANG	04 RCH171	95-6710	C-130H	130th AS WV ANG	27 RCH543
99-0169	C-17A	437th AW	04 RCH552	62-3531	KC-135R	166th ARS OH ANG	03 RCH537
07-7174	C-17A	436th AW	RCH330	27.84-0060	C-5M	60th AMW	28 RCH101
08-8194	C-17A	62nd AW	RCH309	95-6709	C-130H	130th AS WV ANG	28 RCH547
04.04-4128	C-17A	305th AMW	06 RCH315W	29.130606	CC-130J-30	436sq	01 CFC2535
05-5139	C-17A	729th AS AFRC	07 RCH565	97-0048	C-17A	89th AS AFRC	01 RCH733
06-6168	C-17A	436th AW	05 RCH112	61-0264	KC-135R	166th ARS OH ANG	01 RCH183W
05.130608	CC-130J-30	436sq	CFC4260	N8200R	DHC-8-202	US Army	Fenix52/N8200R
04-4132	C-17A	305th AMW	RCH830	<u>Credits:</u> MAR, Scramble messageboard.			
07-7189	C-17A	437th AW	RCH189	Stansted			
08-8193	C-17A	62nd AW	RCH431	February 2020			
57-1453	KC-135R	106th ARS AL ANG	06 RCH783	01.01-0041	C-40B	1st AS	dep SAM021
06.06-6158	C-17A	60th AMW	07 RCH975	03.01-0041	C-40B	1st AS	05 SAM129
06-6163	C-17A	60th AMW	RCH158	04.14+03	Global 5000	FBS BMVg	GAF642
ZM335	Phenom T1	45sq	* CWL33	09.10-0221	C-17A	nn	11 RCH441
G-CGKU/KU	Tutor T1	4AEF	* UAJ39	11.97-0401	C-37A	99th AS	12 SAM053
08.98-0051/AK	C-17A	144th/517th AS AK ANG	09 RCH341	14.A6-HRM	B747-422	Gvmt of Dubai	DUB1
ZH860	Merlin HM2	814NAS	10 Navy814	A9C-HAK	B747-4F6	Gvmt of Bahrain	BAH2
09.05-5139	C-17A	729th AS AFRC	10 RCH103	TR-KGM	G650	Gvmt of Gabon	
06-6162	C-17A	60th AMW	RCH345	17.A6-HRM	B747-422	Gvmt of Dubai	DUB1
09-9209	C-17A	62nd AW	10 RCH130	20.A6-HRM	B747-422	Gvmt of Dubai	DUB1
12.ZK030/FF	Hawk T2	25sq	* VYT16	02-0203	C-40C	201st AS DC ANG	21 Boxer42
ZK036/FL	Hawk T2	25sq	*	22.05-4613	C-40C	73rd AS AFRC	23 Spar18
13.ZK026/FB	Hawk T2	25sq	* VYT517	Z3-MKD	Lj60	Gvmt of Macedonia	
ZK029/FE	Hawk T2	25sq	* VYT520	24.01-0040	C-40B	1st AS	SAM338
ZK030/FF	Hawk T2	25sq	* VYT28	25.A6-HMM	B747-48E	Gvmt of Dubai	DUB9
00-0171/AK	C-17A	144th/517th AS AK ANG	18 RCH717	26.ZZ335	Voyager KC3	10/101sq	27 RRR2748
14.CH04	C-130H	20sm	15 BAF661	01-0040	C-40B	1st AS	27 SAM338
CH12	C-130H	20sm	15 BAF662	<u>Credits:</u> MAR, Scramble messageboard.			
15.97-0042	C-17A	155th AS TN ANG	18 RCH335	Waddington			
16.03-3113	C-17A	183rd AS MS ANG	RCH230	03.ZM335	Phenom T1	45sq	CWL42
17.84-0126	C-21A	76th AS	Valor21	05.XE688	Hunter T72	HHA	* SCN33
18.130616	CC-130J-30	436sq	20 CFC4290	06.93/XL	TBM-700	ET00.043	CTM3912
240/F-RARF	A330-223	ET01.060	* CTM1275	12.105/XK	TBM-700	ET00.043	CTM3886
03-3113	C-17A	144th/517th AS AK ANG	20 RCH230	26.XE688	Hunter T72	HHA	* SCN33
20.CH07	C-130H	20sm	21 BAF658E	ZP801/01	Poseidon MRA1	120sq	f/v * LOS102
ZZ177/177	C-17A	99sq	21 RRR6380	27.ZK430/430	Typhoon FGR4	Typhoon22	*
21.ZZ177/177	C-17A	99sq	22 RRR6381/82	<u>Credits:</u> MAR, Scramble messageboard.			
24.13-00283	MC-12S	B/224th MI Bn	Ronin66				
02-1110	C-17A	62nd AW	25 RCH161				



Seen here during take-off from Dublin is United Arab Emirates Air Force (UAEAF) L-100-30 1215 of 4 sqn. The L-100 had some technical issues while attempting to depart on 23 February, and finally departed on the 27th. (Mick McNanara)

Civil News



Airbus A320-271N SX-NEO is the first A320neo delivered to Aegean Airlines. It was delivered on 20 December 2019 and is the first aircraft out of an order for twenty A320neos and ten A321neos, which was placed in 2018. The aircraft arrived in Athens with only a small piece of its rear fuselage painted in blue, which gave away that Aegean was introducing a new colour scheme. This new scheme was finally unveiled at an official ceremony on 13 February. The new colours are part of a complete rebranding of the airline which will improve the airline's product offering and reiterate the company's commitment to growth. (Brussels-Zaventem, 18 March 2020, Jochem Jottier)

Airliner News

Europe

The Netherlands

KLM, including KLM Cityhopper will cut between 70-90% of its operations and will have retired their remaining passenger B747-400s by the time you read this.

Transavia (incl. France) has suspended all flights until at least 5 April.

Austria

Austrian Airlines has ceased all flights until at least 28 March.

Belgium

Brussels Airlines is another Lufthansa Group-airline that suspended all flights, until at least 18 April.

Croatia

Croatia Airlines has reduced capacity with 95% until further notice.

Czechia

Czech Airlines has cancelled all flights until at least 11 April.

France

Air France will reduce capacity with at least 70%, including the grounding of their nine remaining A380s. It's subsidiary Hop! will suspend all flights from 21 March.

La Compagnie has decided to postpone all flights until 12 April, their operations heavily impacted by the USA-travel ban.

Germany

Eurowings has cut 95% of its operations until further notice.

Lufthansa will continue to operate 5% of its operations. In total the Lufthansa Group will park 700 of their 763 planes.

Lufthansa Cargo will fly their normal schedule, except for their flights to China.

TUI Group (so, including their operations in Belgium, The Netherlands and UK as well) has ceased all flights in the group until half April.

Finland

Finnair will cut its capacity with 90% from April onwards.

Hungary

Wizz Air has been impacted by the closure of operations out of Poland, which was 20% of their capacity. The airline also suspended flights to Latvia and Moldova.

Ireland

Aer Lingus will reduce capacity with at least 75% until May and will accelerate the retirement of "some" of their oldest A330s.

Italy

Air Dolomiti has suspended all flights from 18 March until 19 April.

Alitalia has drastically reduced their capacity to around 95% and has been renationalised by the government on 17 March as the government was not able to find a suitable buyer for the troubled airline.

Latvia

airBaltic has suspended all operations from 15 March until 14 April.

Malta

Air Malta has ceased all flights from today and will do so until further notice.

Moldovia

Air Moldova has suspended all flights until 1 April.

Montenegro

Montenegro Airlines has suspended all flights until 1 April.

Norway

Norwegian Airlines has cut 85% of its flights and will lay-off 90% of its staff from tomorrow onwards until 17 April. It will receive state-aid from the Norwegian government.

Widerøe has decided to cancel more than 1,500 flights until 31 May.

Poland

LOT has been already grounded since 15 March and will continue to do so until at least 28 March.

Portugal

Lessor AerCap and EuroAtlantic have announced that they signed a lease-agreement for two B787-8s. The first one is expected to be delivered in March next year. Both are presumed to be former Qatar Airways-aircraft.

TAP Air Portugal has reduced its operations to just 25 flights per week.

Romania

Blue Air will not fly until at least April.

Spain

Iberia is also set to cut at least 75% of its capacity and is thinking about retiring early their A340-600s early.

Vueling is in the process of reducing its capacity with 75% until April/May.

Sweden

SAS has stopped most of their operations on 16 March until further notice.

Switzerland

Swiss International Air Lines has, just like the other airlines in the Lufthansa Group, cut their operations with 95%.

Turkey

Pegasus Airlines has suspended all flights to Germany, France, Spain, the Netherlands, Belgium, Sweden, Norway, Denmark and Austria as of 14 March.

Turkish Airlines has also discontinued many destinations in their network until 17 April, mostly in Europe.

Ukraine

Ukraine International Airlines has suspended all operations until further notice.

United Kingdom

British Airways has cut capacity with at least 75% until May and will phase out some of their oldest A319/A320/A321s that have been fully depreciated. The airline is also considering accelerating the phase-out of several or even all the B747-400s.

easyJet will ground most of the fleet until further notice but will continue some intra-UK flights.

Jet2 is another airline ceasing all operations, this time from 23 March onwards.

Ryanair, including their subsidiaries Buzz, Laudamotion and Malta Air will cease all flights from 24 March until April/May.

Virgin Atlantic has cut 85% of their capacity and phased out their last three A340-600s.

Africa

Algeria

Air Algérie announced the suspension of all international flights until further notice on 18 March. Some domestic flights will continue to operate.

Cape Verde

Cabo Verde Airlines has decided to stop flying until at least

18 April.

Egypt

Egyptair has ceased all operations until at least 31 March.

Ethiopia

Ethiopian Airlines has suspended operations to 30 countries but will continue to run quite some flights to destinations around the world as long there is demand and no restrictions.

Kenya

Kenya Airways was one of the last airlines to operate normally but has also suspended operations as of 25 March.

Madagascar

Air Madagascar has ceased all flights until at least 20 April.

Mauritius

Air Mauritius has no operations and has suspended all flights until further notice.

Morocco

Royal Air Maroc has stopped all flying on 15 March and will do so until further notice.

Rwanda

RwandAir is also completely grounded and has announced that the suspension will at least be until 20 April.

Senegal

Air Sénégal is not flying until further notice.

South Africa

South African Airways has suspended all flights, except for some domestic flights and expects that this will be so until the end of May.

Asia

Brunei

Royal Brunei Airlines will reduce their network to just four cities (Hong Kong, Manila, Melbourne and Singapore) until at least 30 April.

China

The big three Chinese carriers, Air China, China Eastern Airlines and China Southern Airlines have all reduced capacity significantly, but it is difficult to get exact numbers about how much.

Hainan Airlines has cut capacity drastically. Their current operational widebody-fleet is six A330-200s (three parked), three A330-300s (21 parked), three B787-8s (seven parked) and four B787-9s (24 parked). Their three A350-900s are also parked.



Late February, Ethiopian Airlines took delivery of its 28th Dash 8-Q400. The aircraft is registered as ET-AXW and is seen here departing Manchester where it made a fuel stop on its route from Toronto-Downsview (Ont.) to Addis Ababa. Ethiopian has still six more Dash 8s on order and has LoIs (Letter of Intent) for five more. (Manchester, 25 February 2020, Alan C. Bushell)



This 26-year old Airbus A300B4-600 freighter belongs to San Marino Executive Aviation. A strange name for an outfit that operates only one freighter aircraft. It was originally delivered as a passenger aircraft to China Northern Airlines in July 1994 and after the merger with China Southern the aircraft was converted to freighter in 2008. In 2011 the aircraft was sold to Silk Road Cargo Business from Uzbekistan, which operated the aircraft until December 2017, after which the aircraft was placed in storage at Istanbul and Tekirdag. Late October 2019 the Airbus was delivered to San Marino Executive Aviation and with its T7-ASK registration is the biggest aircraft in the San Marino register. During its time with Silk Road Cargo Business the aircraft had a pretty white-burgundy colour scheme, but nowadays it is unfortunately all white. (Ostend, 19 March 2020, Nik Deblauwe)

Hong Kong

Cathay Pacific, including Cathay Dragon have cut capacity with 96% until at least the end of May.

HK Express is also 100% grounded and will be so until 30 April.

India

Air India and Air India Express have reduced their capacity, with almost all scheduled international flights postponed and operating limited domestic operations.

GoAir has suspended all international flights and has cut capacity for domestic operations until at least 15 April.

IndiGo has stopped all international flights and is running its domestic schedule with less capacity until further notice.

Vistara has also stopped all international flights until 15 April and is flying a reduced schedule domestically. On a happier note, the airline took delivery of their first widebody early March, a B787-9, with more to follow. The aircraft was planned to be used first domestically and later on new international routes.

Indonesia

Garuda Indonesia has stopped most international flights, except for select international destinations. It also cut capacity on domestic flights.

The Lion Air Group, including their Batik Air and Malindo Air-brands have stopped all international flights until April.

SpiceJet has stopped most international flights and is cutting capacity domestically as well until at least 30 April.

Japan

All Nippon Airways has reduced more than half of their capacity for international flights, as well as reduced their capacity domestically.

Japan Airlines has reduced international operations with 50% and domestic capacity with 20%.

Jetstar Japan has ceased all international flights and 50% of capacity on domestic operations.

Kazakhstan

Air Astana has stopped all international flights and is running with only 30% of their capacity on domestic operations.

Malaysia

AirAsia, including their subsidiaries, has heavily curtailed operations. For instance, their Philippine and Japan-operation are grounded completely until further notice.

Malaysia Airlines has removed around 50% of their total capacity from the schedule until further notice.

Nepal

Nepal Airlines is not operating any flights until at least April.

Pakistan

Airblue has suspended all flights until 4 April.

Pakistan International Airlines has suspended all operations until at least 4 April.

Philippines

Cebu Pacific Air is not flying until at least 14 April.

Philippine Airlines has suspended all flights until at least 12 April.

Singapore

Jetstar Asia has suspended all operations and will do so until 15 April.

Scout has cut capacity with up to 96%, which means 47 of their 49 planes are parked.

Singapore Airlines has cut 96% of their capacity, including SilkAir. This means 138 of their 147 strong fleet is grounded until at least end of April.

South Korea

Asiana Airlines has cut capacity and removed many international destinations from its schedule. They also removed significant capacity from their domestic operations.

Korean Air has cut 85% of their total capacity; 87% of their international operations and almost 70% of their domestic network. 100 of their 145 planes are parked.

Sri Lanka

SriLankan Airlines has stopped all flights until further notice.

Taiwan

China Airlines has reduced capacity overall with around 40-50%, but this will probably be increased in the coming weeks as the government of Taiwan has banned all transit-flights as well.

EVA Airways has also already cut capacity but will also cut more as they are impacted by the transit-ban of the Taiwanese government as well.

Recently started Starlux Airlines has ceased all flights until at least the end of April.

Thailand

Thai Airways will ground at least twelve more airplanes as demand dropped with more than 30%. These will be three A380s for seven months, two A330-300s, one B777-300 and six B777-200ERs. The airline also said the B777-200ERs will not return to service. In total the airline now has a total of 24

planes grounded of their 80-strong fleet.

Thai Lion Air has suspended all flights until 30 April.

Uzbekistan

Uzbekistan Airways has ceased all flights until at least 5 April.

Vietnam

Jetstar Pacific Airlines is not flying any international flight, only some “significant” domestic routes.

Vietjet is currently only flying domestically and has ceased all international flights.

Vietnam Airlines has suspended all international operations but is operating select domestic flights.

Middle East

Israel

El Al has suspended all flights, except to Johannesburg, London, Newark (NJ), Paris and Toronto as of 15 March until further notice.

Jordan

Royal Jordanian Airlines has also no operations and will reassess the situation in April.

Kuwait

Kuwait Airways was one of the first airlines to close completely and has not announced a date of resumption.

Qatar

Qatar Airways has announced it will gradually reduce capacity with 75% in April and May.

Saudi Arabia

Saudia has announced the stopping of all passenger flights until at least April.

United Arab Emirates

Air Arabia had already suspended all flights from its Moroccan-division and has also done so in the UAE as of 25 March for at least two weeks.

Emirates has announced the cancellation of all passenger flights from 25 March onwards for two weeks, a result of the UAE forbidding all passenger flights in and out of the country for this period.

Etihad Airways has also suspended all passenger flights for two weeks as of 25 March.

FlyDubai is of course also impacted by the directive of two weeks suspension of passenger flights by the UAE and has ceased all flights as of 25 March.

Latin America

Argentina

Aerolíneas Argentinas has cut its capacity with 99% and is only operating a few domestic and international flights.

Bahamas

Bahamasair has decided, for now, to try and continue to operate as normal to enable passengers to fly back home.

Bolivia

Boliviana de Aviacion has suspended all operations until further notice.

Brazil

GOL Linhas Aéreas has scrapped 95% of their international flights but is running around 35% of their domestic flights.

LATAM Airlines, the largest airline in South America, has ceased almost all international flights, but is also continuing to fly several domestic flights.

Cayman Islands

Cayman Airways has suspended all flights, except for some domestic operations.

Colombia

Avianca has suspended all international flights but is operating several inner South America-flights.

Viva Air has not announced any changes to their schedule yet but is “closely monitoring the situation” as Colombia has closed their borders for non-Colombian citizens.

Ecuador

TAME is also an airline that has suspended all operations. They haven’t announced until when.

Panama

Copa Airlines has closed down all flights until at least 21 April.

Trinidad & Tobago

Caribbean Airlines has ceased all international flights and will continue to operate domestically. Two weeks before this news the airline unveiled a new livery, which has been first applied to a first ATR.

North America

Canada

Air Canada is also feeling the impact, especially when Canada decided to close the borders for non-Canadians and non-residents. As a result, the Canadian carrier will slash around 80%, with almost no international operations. The airline might also seek deferral of new planes on order like the A220s and B737MAXs.



As a result of the acquisition of TNT by FedEx in February 2016, Irish-based ASL Aviation Group took over TNT Airways (the airline part) and rebranded it as ASL Airlines Belgium. Part of the acquisition were four Boeing 747-400ERFs, which were phased out between 2017 and 2019, and now fly for Cargolux and Suparna Airlines. However ASL Airlines did not stop operating the 747-400 freighter as in 2017 they took delivery of two ex-Korean Air 747-400ERFs and recently in November 2019 they added this OE-ILC registered 747-400F to their fleet. The aircraft is ex China Airlines, who already phased out the aircraft in February 2012. So this aircraft had spent more than seven years baking in the sun at the storage facilities at Victorville (CA) before being re-activated in November 2019. (Brussels-Zaventem, 7 February 2020, Jan-Pieter Libbens)



Airbus A320-216 PK-AZI is one of the 28 Airbus A320s in the fleet of Indonesia AirAsia. It was originally delivered to AirAsia Japan in July 2012, but transferred to the Indonesian AirAsia affiliate in November 2013. In February 2020 the aircraft was painted in this "Let's Go To Belitung" livery. Belitung is an island in the Bangka-Belitung province of Indonesia and is among the most beautiful islands in Southeast Asia. (Denpasar, 5 March 2020, Pascal Simon)

Air Transat has announced they will cease almost all of their flights until 30 April.

Porter Airlines has ceased all flights yesterday and will do so until at 1 June.

Sunwing Vacations has decided to halt all southbound flights until 9 April, although it already said it expects that things will not be back to normal by then.

WestJet has announced the suspension of all international service as of 22 March but will continue to operate domestic flights.

Mexico

Aeromexico and the other larger Mexican airlines, Volaris and Interjet have all decided to monitor the situation closely and reduce their capacity as international travel to many markets is being restricted heavily.

United States of America

Alaska Airlines will cut most of its international flights and has said it expects to cut capacity up to 15% in May.

Allegiant is to reduce their capacity in April and May with at least 35%.

American Airlines has almost completely taken their wide-body-fleet out of service as the airline suspended most international flights except for a daily flight to London-Heathrow from Dallas (TX) and Miami (FL) and three weekly flights to Tokyo-Narita from Dallas (TX). Overall the airline will reduce their capacity until at least 6 May with more than 75%. Fleet-wise American Airlines has decided to accelerate the phase-out of their B767-300ERs by May and their B757-200s by May next year.

Delta Air Lines will park up to 600 planes and is to cut almost 85% of their flights until May/June. Just a few flights to Amsterdam and London-Heathrow will remain on the schedule for now. It will also accelerate the phasing out of their MD-88s/90s as well as several B767-300ERs. Delta is also seeking deferral of new deliveries and its CEO has said that Delta will come out of the Corona-crisis, but as a smaller airline.

Hawaiian Airlines has decided to cut capacity with 40% in April and has indicated that more cuts could be coming.

JetBlue will reduce their capacity with at least 40% in April/May and the airline expects more significant cuts in June and July as well. The airline is also in discussion with Airbus to slow deliveries.

Southwest Airlines will cut at least 20% of its capacity until June and expects this could become more as they are seeing a very steep decline in bookings.

Spirit Airlines has decided to reduce capacity at least with 20% in April and 25% in May and is considering the retirement of their oldest A319s.

United has decided to cease 95% of all their international flights and will cut the rest of their schedules up to 80% until May or June depending on the situation.

Oceania

Australia

Qantas Group, including Jetstar, has suspended most international flights as of 19 March and will do so until at least end of May. It will continue to operate domestic flights, but also at 40% of their capacity.

Virgin Australia has cut all international flights and has cut capacity domestically with 50% until 14 June.

Fiji

Fiji Airways has ceased all international flights, except to Tokyo-Narita. The airline will also continue to operate select domestic operations. The reduction of capacity is announced to be in place until end of May.

New Zealand

Air New Zealand has reduced capacity on its international network with at least 85% and with 20% on domestic flights. It will do so until at least mid-June.

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

Air France	10	A350-900
Air Lease Corporation	50	A220-300
	52	A321neo
	1	A350-900
Air Senegal	8	A220-300
BOC Aviation	20	A320neo
CALC	40	A321neo
Cebu Aviation	5	A320neo
	10	A321neo
Spirit Airlines	47	A319neo
	33	A320neo
	20	A321neo
Total	296	

Boeing 2020 firm orders

Air Lease Corporation	3	B787-9
FedEx	1	B767-300F
Oman Air	4	B787-9
Unidentified	3	B787-9
	7	B787-10
Total	18	

ATR 2020 firm orders

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

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

Jetliners



Azul Linhas Aéreas operates daily into Fort Lauderdale-Hollywood (FL). They are using A320neos and A330s for this, like A330-900 PR-ANY. This A330neo is the second A330neo delivered to the Brazilian airline and was delivered to Belo Horizonte on 31 October 2019. Besides these two A330neos already delivered, Azul has three more 900neos on order, which will be delivered in the near future. Azul Airbus A330neos are configured in three classes, with 34 business, 96 premium-economy and 168 economy seats, which is 27 more than the high-density configuration on its eight A330-200s (which have of course a smaller fuselage). All five neos are leased from leasing company Avolon. (23 February 2020, Anton Homma)

A319	-112	3139	LY-RAM	GetJet Airlines, ex EI-GOH of GTLK leasing. Delivered on 7 January and entered service on 4 March. Former LZ-AOA of Bulgarian Eagle.
A320	-214	921	LY-NVZ	Avion Express, ex XU-719 of Sky Angkor Airlines. Returned from lease on 6 March.
	-212	1381	D-AICI	Condor Flugdienst, ex EC-MVF of Thomas Cook Airlines Balearics. Delivered on 16 March.
	-232	1909	LY-NVY	Avion Express, ex XU-717 of Sky Angkor Airlines. Returned from lease on 6 March.
	-232	1979	SX-KAT	Orange2fly, ex Flynas. Returned from lease on 13 March.
	-232	1998	LY-VEL	Avion Express, ex VietJetAir. Returned from lease on 1 March.
	-232	2029	LY-OWL	GetJet Airlines, ex Sunwing Airlines. Returned from lease on 22 March.
	-232	2085	LY-NVV	Avion Express, ex VietJetAir. Returned from lease on 1 March.
	-232	2157	ES-LAA	Airest, ex EI-ERH of VivaAerobus. Delivered on 10 March.
	-232	2173	LY-NVW	Avion Express, ex VietJetAir. Returned from lease on 1 March.
	-233	3577	ER-00003	FlyOne, ex VietJetAir. Returned from lease on 1 March.
	-232	3581	ER-00001	FlyOne, ex VietJetAir. Returned from lease on 1 March.
	-214	3616	OE-LMP	LaudaMotion, ex VT-WAH of GoAir. Delivered on 13 March.
	-214	3891	TC-FHY	Freebird Airlines, ex Bamboo Airways. Returned from lease on 21 March.
	-214	4207	9H-FHA	Freebird Airlines Europe, ex TC-FBH of Freebird Airlines. Transferred on 4 March.
	-232	4603	OE-LMG	LaudaMotion, ex VT-IEA of IndiGo. Delivered on 3 March.
	-214	4623	TS-INH	Congo Airways, ex Nouvelair Tunisie. Delivered on lease on 6 March.
	-214	4661	EC-LLJ	Vueling Airlines, ex Flyadeal. Returned from lease on 19 March.
	-214	5016	TS-IND	Nouvelair Tunisie, ex VT-GOI of GoAir. Delivered on 19 March.
	-214	5096	TC-FBO	Freebird Airlines, ex Bamboo Airways. Returned from lease on 21 March.
	-214	5140	OE-LMJ	LaudaMotion, ex RP-C8618 of Philippines - Philippine Airlines. Delivered on 2 March.
	-214	5533	EC-LVO	Vueling Airlines, ex Flyadeal. Returned from lease on 19 March.
	-231	5582	N901JT	jetBlue Airways, ex G-TCVA of Thomas Cook Airlines. Delivered on 19 March.
	-214	5587	EC-LVP	Vueling Airlines, ex Flyadeal. Returned from lease on 19 March.
	-214	5616	EC-LVU	Vueling Airlines, ex Flyadeal. Returned from lease on 19 March.
	-232	5968	P4-KBE	FlyArystan, ex Air Astana. Transferred on 5 March.
	-214	5673	TC-FHN	Freebird Airlines, ex Bamboo Airways. Returned from lease on 21 March.
	-251N	9135	A4O-OVG	SalamAir. Delivered on 13 March. Test registration was D-AXAD.
-251N	9262	SE-ROU	SAS Scandinavian Airlines. Delivered on 3 March. Test registration was D-AXAJ.	
-251N	9323	SE-ROZ	SAS Scandinavian Airlines. Delivered on 24 February. Test registration was D-AUAQ.	
-251N	9352	SE-ROL	SAS Scandinavian Airlines. Delivered on 25 February. Test registration was D-AUBR.	
-251N	9373	TC-NCI	Pegasus Airlines. Delivered on 2 March. Test registration was D-AUAR.	
-271N	9435	VP-BTX	S7 Airlines (correction Scramble 488 – Page 38).	
-251N	9532	SU-GFM	EgyptAir. Delivered on 26 February. Test registration was F-WWIV.	
-251N	9551	G-TTNK	British Airways. Delivered on 27 February. Test registration was F-WWDL.	
-271N	9574	P4-KBL	Air Astana. Delivered on 11 March. Test registration was F-WWIJ.	
-271N	9577	EC-NIJ	Vueling Airlines. Delivered on 2 March. Test registration was F-WWBT.	
-271N	9583	SX-NEC	Aegean Airlines. Delivered on 11 March. Test registration was F-WWBF.	
-251N	9585	G-TTNL	British Airways. Delivered on 9 March. Test registration was F-WWDZ.	
-271N	9590	VQ-BSC	S7 Airlines. Delivered on 18 March. Test registration was F-WWBY.	
A321	-211	2060	G-POWW	Titan Airways, ex G-TCDA of Thomas Cook Airlines. Delivered on 13 March.
	-212	2115	LY-VEG	Avion Express, ex VietJetAir. Returned from lease on 1 March.
	-231	2234	LY-VEA	Avion Express, ex VietJetAir. Returned from lease on 27 February.
	-211	3267	LY-VEC	Avion Express, ex VietJetAir. Returned from lease on 1 March.

	-231	6059	N930JL	jetBlue Airways, ex G-TCVC of Thomas Cook Airlines. Delivered on 2 March.
	-231	6126	N931JT	jetBlue Airways, ex G-TCVD of Thomas Cook Airlines. Delivered on 21 March.
	-271NX	8980	P4-KGB	Air Astana. Delivered on 28 February. Test registration was D-AVYQ.
	-271NX	9016	N2039J	jetBlue Airways. Delivered on 28 February. Test registration was D-AVYT.
	-251NX	9123	G-NEOZ	British Airways. Delivered on 17 March. Test registration was D-AVZV.
	-271NX	9164	HA-LVH	Wizz Air. Delivered on 29 February. Test registration was D-AZAT.
	-253NX	9187	EI-LRD	Aer Lingus. Delivered on 27 February. Test registration was D-AVZP.
	-271NX	9191	N2043J	jetBlue Airways. Delivered on 17 March. Test registration was D-AVZQ.
	-251NX	9255	A6-ATD	Air Arabia. Delivered on 5 March. Test registration was D-AYAA.
	-271NX	9315	N2047J	jetBlue Airways. Delivered on 17 March. Test registration was D-AVZR.
A330	-202	489	9H-PTN	Luke Air, ex EI-GGN of Air Italy. Delivered on 7 March.
	-342E	679	OO-SFH	Brussels Airlines, ex B-LAC of Cathay Pacific Airways. Delivered on 16 February.
	-302E	789	EI-EIK	Aer Lingus, ex A7-AEH of Qatar Airways. Delivered on 02 March.
	-243F	1032	EI-HEE	ASL Airlines Ireland, ex D-ALMC of EAT Leipzig. Transferred to the Irish DHL operator in March.
	-343E	1149	C-GKUG	Air Canada, ex 9V-STQ of Singapore Airlines. Delivered on 26 February.
	-343E	1820	PK-LEL	Lion Air, ex HS-LAH of Thai Lion Air. Transferred on 5 March.
	-941	1949	N405DX	Delta Air Lines. Delivered on 28 February. Test registration was F-WWYM.
	-302E	1951	EI-EIN	Aer Lingus. Delivered on 29 February. Last A330-300 to be delivered. From now on, all passenger A330 will be from A330NEOs. Test registration was F-WWCH.
A340	-642	416	YK-AZB	Syrianair, ex EP-MMI of Mahan Air. Delivered on 16 March.
A350	-1041	372	A7-ANP	Qatar Airways. Delivered on 27 February. Test registration was F-WZFP.
	-941	383	VQ-BFY	Aeroflot. Delivered on 29 February. First A350 for Aeroflot. Test registration was F-WZGT.
	-941	390	D-AIXP	Lufthansa. Delivered on 29 February. Test registration was F-WZGC.
	-941	391	SE-RSC	SAS Scandinavian Airlines. Delivered on 11 March. Test registration was F-WZNL.
	-941	397	EC-NIG	Iberia. Delivered on 5 March. Test registration was F-WZGL.
B717	-2BL	55172	N728BC	BCC Equipment Leasing Corp., ex EI-EXA of Volotea Air. Registered on 2 March. Stored at Victorville (CA) since 6 December.
	-2BL	55176	N730BC	BCC Equipment Leasing Corp., ex EI-EXJ of Volotea Air. Registered on 2 March. Stored at Victorville (CA) since 18 January
	-2BL	55177	N734BC	BCC Equipment Leasing Corp., ex EI-FBJ of Volotea Air. Registered on 2 March. Stored at Victorville (CA) since 17 December.
B737	-8BK	29642	OM-LEX	AirExplore, ex Fly All Ways. Returned from lease on 24 March.
	-45D	27914	9H-AHB	Air X Charter, ex SP-LLE of LOT Polish Airlines. Registered on 13 March. Ferried to Kelowna (B.C.) for freighter conversion on 22 March.
	-804	28231	EI-GRE	ACS Aero 1 Beta Ltd, ex OK-TSH of Smartwings. Registered on 4 February.
	-8FH	29669	OK-TVF	Smartwings, ex C-GTVF of Sunwing Airlines. Returned from winter lease on 23 March.
	-8BK	33018	TF-KEX	Icelandair, ex OM-KEX. Leased from AirExplore per 20 March.
	-8FZ	31713	G-TUKC	TUI Airways, ex EI-FHH of Norwegian Air International. Delivered on 20 March as EI-FHH.
	-8K2	34171	PH-HSA	Transavia Airlines, ex PR-HSB of GOL - Linhas Aéreas Inteligentes. Returned from winter lease on 24 March.
	-84P	35077	9H-TJD	Corendon Airlines Europe, ex OE-IKK of ALC Aircraft Ltd. Delivered on 14 March.
	-8K5	35139	EW-544PA	Belavia - Belarusian Airlines, ex G-FDZG of TUI Airways. Delivered on 20 March.
	-96NER	35227	UR-SQK	SkyUp Airlines, ex OE-IDZ of Celestial Aviation Trading 6 Ltd. Delivered on 28 February.
	-86J	36883	OO-TUV	TUI fly Belgium, ex Miami Air International. Returned from winter lease on 23 March.
	-8FN	37076	OK-TVL	Smartwings, ex C-GKVL of Sunwing Airlines. Returned from winter lease on 24 March.
	-8K2	37160	PH-HSW	Transavia Airlines, ex PR-HSW of GOL - Linhas Aéreas Inteligentes. Returned from winter lease on 25 February.
	-8K5	37250	OO-JAU	TUI fly Belgium, ex Miami Air International. Returned from winter lease on 23 March.
	-8K5	37251	G-TAWN	TUI Airways, ex Sunwing Airlines. Returned from winter lease on 23 March.
	7-8K5	37255	G-TAWO	TUI Airways, ex Sunwing Airlines. Returned from winter lease on 23 March.
	-8K5	37261	G-FDZY	TUI Airways, ex Sunwing Airlines. Returned from winter lease on 23 March.
	-8K5	37262	G-FDZZ	TUI Airways, ex C-FHZZ of Sunwing Airlines. Returned from winter lease on 24 March.



Kalitta Air is a freighter airline for which buying older and used equipment at the right time in the market for – mostly – lower values, forms an important part of its business model. So it was quite a surprise that in February and March this year they took delivery of two brand new Boeing 777 freighters. However, it seems very unlikely that good old Connie Kalitta did transfer any of his money to the banking accounts of Boeing in Seattle (WA), as both aircraft had been painted in full DHL colours. The two aircraft are part of a fourteen strong order for the 777F placed by DHL at the Farnborough Air Show in 2018. DHL outsources its 777 freighter operations to airlines like Southern Air and German based AeroLogic and since 2019 also to Kalitta Air. (Brussels-Zaventem, 14 March 2020, Steven Picalausa)

	-86J	37785	D-ABMV	TUI fly Germany, ex Eurowings. Per 2 March, in "Mein CEWE Fotobuch" colours.
	-86N	38018	OK-TVR	Smartwings, ex C-GNVR of Sunwing Airlines. Returned from winter lease on 23 March.
	-8JP	39050	AP-BNB	Serene Air, ex LN-NGE of Norwegian. Delivered on 27 February.
	-8AL	39068	F-HTVQ	Transavia France, ex 2-TJFP of Dungarvan Aircraft Leasing Ltd. Delivered on 20 March.
	-86N	39394	OK-TVT	Smartwings, ex Sunwing Airlines. Returned from winter lease on 23 March.
	-8K5	40943	OO-JAV	TUI fly Belgium, ex Miami Air International. Returned from winter lease on 24 March.
	-8K5	40944	OO-JAY	TUI fly Belgium, ex Miami Air International. Returned from winter lease on 23 March.
	-8K5	41662	G-TAWV	TUI Airways, ex C-GAWV of Sunwing Airlines. Returned from winter lease on 24 March.
	-8K5	41663	G-TAWW	TUI Airways, ex Sunwing Airlines. Returned from winter lease on 23 March.
	-8	42825	SE-RYL	Norwegian Air Sweden, ex EI-FYC of Norwegian Air International. Transferred on 5 March.
	-8	42826	SE-RYK	Norwegian Air Sweden, ex EI-FYB of Norwegian Air International. Transferred on 6 March.
	-8	42829	SE-RYF	Norwegian Air Sweden, ex EI-FYF of Norwegian Air International. Transferred on 3 March.
	-8	42831	SE-RYG	Norwegian Air Sweden, ex EI-FYG of Norwegian Air International. Transferred on 9 March.
	-8	42834	SE-RYI	Norwegian Air Sweden, ex EI-FYI of Norwegian Air International. Transferred on 11 March.
	-8AS	44696	9H-QAV	Malta Air, ex EI-FIF of Ryanair. Transferred on 3 March.
	-8AS	44697	9H-QAX	Malta Air, ex EI-FIH of Ryanair. Transferred on 28 February.
	-8AS	44707	9H-QBK	Malta Air, ex EI-FIY of Ryanair. Transferred on 11 March.
	-800	44746	SP-RKH	Ryanair Sun, ex EI-FRX of Ryanair. Transferred on 18 March.
	-800	44754	9H-QDE	Malta Air, ex EI-FTD of Ryanair. Transferred on 10 March.
	-800	44755	9H-QDF	Malta Air, ex EI-FTE of Ryanair. Transferred on 4 March.
	-800	44757	9H-QDH	Malta Air, ex EI-FTG of Ryanair. Transferred on 3 March.
	-800	44760	9H-QDK	Malta Air, ex EI-FTJ of Ryanair. Transferred on 17 March.
	-800	44762	9H-QDM	Malta Air, ex EI-FTL of Ryanair. Transferred on 4 March.
	-800	44764	9H-QDO	Malta Air, ex EI-FTN of Ryanair. Transferred on 11 March.
	-800	44765	9H-QDP	Malta Air, ex EI-FTO of Ryanair. Transferred on 5 March.
	-800	44771	9H-QDV	Malta Air, ex EI-FTW of Ryanair. Transferred on 14 March.
	-800	44785	SP-RKK	Ryanair Sun, ex EI-FZM of Ryanair. Transferred on 27 February.
	-800	44787	SP-RKM	Ryanair Sun, ex EI-FZO of Ryanair. Transferred on 20 March.
	-800	44801	9H-QBF	Malta Air, ex EI-GDF of Ryanair. Transferred on 28 February.
	-800	44803	9H-QBC	Malta Air, ex EI-GDE of Ryanair. Transferred on 29 February.
	-800	44804	9H-QBG	Malta Air, ex EI-GDG of Ryanair. Transferred on 28 February.
	-800	44818	9H-QEC	Malta Air, ex EI-GDY of Ryanair. Transferred on 27 February.
	-800	44829	9H-QEJ	Malta Air, ex EI-GJG of Ryanair. Transferred on 3 March.
	-8AS	61577	9H-QBE	Malta Air, ex EI-FIP of Ryanair. Transferred on 12 March.
	-800	62157	PH-HXK	Transavia Airlines, ex PR-GZL of GOL - Linhas Aéreas Inteligentes. Returned from winter lease on 24 March.
	-800	62577	PH-HXO	Transavia Airlines, ex PR-GZJ of GOL - Linhas Aéreas Inteligentes. Returned from winter lease on 10 March.
	-8AS	62691	9H-QCK	Malta Air, ex EI-FRE of Ryanair. Transferred on 20 March.
	-8AS	62692	9H-QCU	Malta Air, ex EI-FRP of Ryanair. Transferred on 18 March.
	-8	64992	SE-RYH	Norwegian Air Sweden, ex EI-FYH of Norwegian Air International. Transferred on 10 March.
B747	-4EVERF	35169	OO-ACF	ACE Belgium Freighters, ex 4X-ICD of CAL Cargo Air Lines. Delivered on 12 February. Aircraft is still painted in the Jade Cargo International colours and wears no titles.
	-83QF	60119	VP-BIN	AirBridgeCargo, ex G-CLAB of CargoLogicAir. Transferred back to the mother company after CargoLogicAir's bankruptcy. Aircraft has been stored at Leipzig since 30 December 2019 and was ferried back to Moscow-Sheremetyevo on 4 March.
B757	-204	27208	N757AL	Aerolease 5 LLC, ex F-HCIE of La Compagnie. Registered on 28 February. Stored at Goodyear (AZ) since 29 October 2019.
B767	-33AER	25534	UR-CSX	Kam Air, ex UR-CSX of Ukrainian Wings. Delivered on lease on 6 March.
	-300F	64059	N299FE	FedEx Express. Delivered on 10 March. Line # 1206.
	-300F	66249	N270FE	FedEx Express. Delivered on 25 February. Line # 1204.
B777	-212ER	33370	N509BC	Boeing Capital Corporation, ex 9V-SQL of Singapore Airlines. Registered in the US on 2 March. Aircraft was ferried to Goodyear (AZ) for storage on 7 March.
	-212ER	33372	N749BC	Boeing Capital Corporation, ex 9V-SQM of Singapore Airlines. Registered in the US on 25 February. Aircraft was ferried to Goodyear (AZ) for storage on 28 February.



This 20-year old CRJ200 was originally delivered to Lufthansa Cityline in October 2000. It was withdrawn from use by the Germans in 2009 and after one-and-a-half year of storage it found a new home with Armavia. This airline operated the aircraft for just two-and-a-half years and in December 2013 the CRJ moved to Afghanistan, where it flew for Afghan Jet International. In November 2015 the aircraft arrived at Maastricht-Aachen Airport, where it was put in storage, still wearing its Afghan registration YA-AJH and in full Afghan Jet colours. In March 2020 the aircraft received a new Afghan registration YA-EHH and in the near future will be re-delivered to Afghanistan, flying for East Horizon Airlines. The aircraft is seen here with its new registration in the old Afghan Jet colours without any titles at Maastricht doing engine runs at taxiway E(cho). (23 March 2020, Mark Remmel)



Embraer ERJ170 A2-ABM is the sole Embraer in the fleet of Air Botswana, which besides this E-jet consists of one ATR42-500 and two ATR72-600s. Originally this aircraft was one of the three ERJ170 VIP aircraft in the fleet of Saudi Aramco. The Saudi Arabian company phased out its trio 170s in the summer of 2018 and A2-ABM is the only one of these three that found a new home, as one of the other two has already been scrapped and the other one is still in storage. (Johannesburg, 14 February 2020, Robert Eikelenboom)

	-F	66084	N774CK	Kalitta Air. Delivered in full DHL colour scheme on 3 March.
	-F	66580	TC-LJT	Turkish Airlines. Delivered on 13 March. Line # 1645.
	-300ER	66592	N2352U	United Airlines. Delivered on 21 March. Line # 1648.
B787	-8	35437	JA849J	Japan Airlines International. Delivered on 19 March. Line # 989.
	-10	40052	HZ-AR27	Saudia - Saudi Arabian Airlines. Delivered on 19 March. Line # 976.
	-10	60290	VN-A874	Vietnam Airlines. Delivered on 11 March. Line # 972.
	-9	61529	JA928A	ANA - All Nippon Airways. Delivered on 19 March. Line # 984.
	-9	62517	EC-NGM	Air Europa. Delivered on 25 February. Line # 968.
	-9	62518	EC-NGN	Air Europa. Delivered on 11 March. Line # 978.
	-9	62739	<u>VN-A829</u>	Bamboo Airways (correction Scramble 489 – Page 35).
	-9	65810	TC-LLJ	Turkish Airlines. Delivered on 5 March. Line # 977.
	-9	65811	TC-LLK	Turkish Airlines. Delivered on 17 March. Line # 979.
	-8	65990	N870AX	American Airlines. Delivered on 17 March. Line # 981.
	-9	66136	N29977	United Airlines. Delivered on 27 February. Line # 974.
	-9	66526	VT-TSD	Vistara. Delivered on 28 February. First Dreamliner for Vistara. Line # 975.
CRJ	900LR	15277	ES-ACG	SAS Scandinavian Airlines. Operated by Nordica per 1 March.
DC-9	-87	49829	2-HEVE	Jet Express Holdings Ltd, ex ZS-TRJ of Gryphon Airlines. Registered on 7 February.
ERJ	135BJ	14501074	ES-ERA	Panaviatic, ex P4-SUN of Hyperion Aviation. Per 12 March.
	135BJ	14501126	LX-TRO	Trolark Ltd, ex JY-CMC of Arab Wings. Per 1 February.
	135BJ	14501160	F-HSTB	VallJet, ex M-CPRS of Luxaviation UK. Per 11 March.
	190LR	19000074	D-AWSI	BRA - Braathens Regional Airlines. Leased from WDL Aviation per 12 March.
	190AR	19000165	D-AZFB	WDL Aviation, ex N965AZ of E190 MSN165 LLC. Delivered on 12 February as N965AZ.
MD-11	F	48410	2-ZGAA	Pegasus Aviation IV Inc., ex Z-GAA of Global Africa Aviation. Registered on 17 February. Stored at Dubai-World Central.

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

Commuters

ATR42	-500	484	G-LMRB	Loganair, ex F-GPYC of HOP!. Delivered on 20 March.
ATR72	-202F	389	N816HC	'Ohana by Hawaiian, ex EI-SLT of ASL Airlines Ireland. Delivered on 5 March.
	-212A	1315	EI-GPO	Stobart Air, ex G-FBXD of Flybe. Delivered on 28 February.
	-212A	1622	YR-ATL	TAROM. Delivered on 3 March.
	-212A	1624	YR-ATM	TAROM. Delivered on 11 March.
DHC-8	-402	4541	VH-IYH	Cobham Aviation Services Australia, ex OE-IIQ of Celestial Aviation Trading 12 Ltd. This former Eurowings (D-ABQT) Dash 8 was delivered on 14 February and registered on the 25th.

Credits: Airfleets, Planespotters and Skyliner.

Fokker News

F27	-050	20146	SE-LIO	Amapola Flyg. Arrived Lelystad 25 February for repaint into new colours and was seen outside again on 7 March. Is named 'Big Mike' in memory of an Amapola team member who passed away.
	-050	5Y-CIW	Bush Air Safaris. Seen at Nairobi-Jomo Kenyatta 31 October 2019 being operated by Safe Air Company. The colours are all white, the ID is still unknown.
	-050	5Y-CHK	Another Kenyan Fokker 50 without a known ID. Was seen on 31 October 2019 at Nairobi-Wilson, all white, undergoing maintenance in the Silverstone Air Services hangar.
F28	-0100	11326	VH-FNN	Virgin Australia Regional Airlines. Flew from Perth to Denpasar and Singapore-Seletar on 6 March, as VA9940. Will be disassembled there by Fokker Services and used as a spare parts supplier to keep the VARA Fokker 100 fleet flying around for a while longer.
	-0100	11501	VH-VKQ	Alliance Airlines. Ferried Brisbane (Qld).to Alice Springs (NT) on 17 March as QQ9100, for continued storage.
	-0070	11528	2-HJCH	Airline Fleet Support, ex PH-JCH Airline Technical Support, P4-FKA Insel Air Aruba. Cancelled already 30 December 2019 and registered in Guernsey on 8 January.

Credits: Merv Crowe, Skyliner.

Bizjets

BAe	125-800XP	258663	RA-02793	Weltall-Avia, ex N863GJ. Noted at St Petersburg on 29 February.
Cessna	525	0864	D-IMTO	Noted at Düsseldorf on 18 January, ex M-RENT>
	525B	0161	D-COBH	Bauhaus, ex D-CJBH. Noted at Salzburg on 22 February.
	560	0200	1122	SMURD, ex YR-SMD. First noted in July.
	560XLS+	6284	OE-GDS	Jet Pool Network, registered in March.
	680	0139	N680CS	Textron Aviation, re-registered from N680CR on 25 November.
	680	0141	N1NA	Carlisle Capital, re-registered from N902WS on 3 December.
	680	0312	N7757B	Bergstrom Pioneer Auto & Truck Leasing, re-registered from N7777B on 2 December.
	680+	0509	N680LG	Larson Express, re-registered from N76YF on 22 November.
	680+	0530	9H-SNB	Pontair, ex PH-HGT. Registered in March.
	680+	0590	N7777B	Bergstrom Pioneer Auto and Truck Leasing, registered on 2 January.
	680A	0228	CS-LTN	NetJets Europe, first noted at Bournemouth on 14 February.
	680A	0237	G-LATO	Zenith Aviation, ex N23CR. Registered on 28 February.
	700	0016	N55BS	Incomm Longitude, registered on 27 February.
	700	0019	N616NP	Cirrus Aviation X, registered on 15 January.
	700	0020	N1WP	NWG Holdings, registered on 23 January.
	750	0058	N626CT	Sirrine Hall Aviation, re-registered from N758CX on 27 November.
Challenger	300	20035	N330ZA	Gregory Zane Mead, re-registered from N455KC on 3 December.
	300	20373	HK-5345-X	Internacional Ejecutiva de Aviación, ex N300EU. Noted at Medellín on 13 March.
	300	20400	N286MH	Halton Flight Investment, re-registered from N204JC on 27 November.
	350	20620	N234GF	Law Force, re-registered from N235GF on 25 November.
	350	20806	N350ER	Bombardier Aerospace, ex C-GOXR. Registered on 3 December.
	350	20819	N593FX	Flexjet, ex C-GOYG. Registered on 21 November.
	350	20823	N119JJ	Bombardier Aerospace, ex C-GOYD. Registered on 20 November.
	350	20826	N350CX	Bombardier Aerospace, ex C-GOVY. Registered on 5 December.
	601-3R	5192	N111C	Leonard Green & Partners, re-registered from N750LG on 26 November.
	604	5304	ZK-JCJ	GCH Jet Operations, ex N604CA. Registered on 24 February.
	604	5337	N880FC	Dodson International Parts, ex C-GOSN. Registered on 27 November.
	604	5474	N32BT	Beautech Power Systems, ex T7-ROK. Registered on 20 November.
	605	5715	N605TR	Tarco Aircraft Funding, ex 9H-VPB. Registered on 28 February.
	605	5952	N626KS	Holtec Logistics, ex M-ODEM. Registered on 5 December.
	605	5966	EJ-AWES	Sonas Aviation, ex T7-YES. Noted at Bournemouth on 28 February.
	650	6143	VT-GOG	Government of Gujarat, ex C-FAPQ. Noted at Hyderabad on 14 March.
	650	6146	N240QS	NetJets, ex C-FAXN. Registered on 22 November.
Eclipse	EA550	550-0279	N21EK	Reregistered from N279EJ on 4 March.
Embraer	500	50000292	T7-CBW	Operator is now known as Cinic AG. Addition Scramble 490 – Page 35.
	550	55000046	D-BDTZ	Former M-MDMH of Herrenknecht Aviation GmbH was sold to Dietz AG.
	550	55020078	OO-CYN	Former N578EE of Embraer Executive Aircraft Inc. was sold to Air Service Liege in Belgium.
Falcon	7X	175	F-HSBR	Noted at Geneva on 21 February, ex M-OUNT.
	7X	216	N993XZ	TVPX Aircraft Solutions, re-registered from N216DA on 18 November.
	7X	288	PH-IWS	Exxaero, ex F-WWHM. Delivered on 11 March.
	8X	465	OO-SBO	Flying Group, delivered on 13 March.
	50	11	T7-ALP	Imperial Club, ex N811CJ. Noted at Southend on 15 March.
	50EX	256	XB-QAJ	Noted at Opa Locka (FL) on 23 February, ex N600N.
	900	56	N880EC	Dodson International Parts, ex JA8571. Registered on 27 November.
	900B	78	G-MRLB	Xclusive Jet Charter, re-registered from G-FLCN on 2 March.
	900B	120	G-MERB	Xclusive Jet Charter, re-registered from G-JSSE on 2 March.
	900C	179	N917JF	Fabick Aircraft, re-registered from N902DW on 26 November.
	900DX	616	P4-FJA	Instead of the reported P4-JFA, former VP-CBG actually became P4-FJA. Was noted at Geneva on 4 February.
	2000EX	105	M-AGIC	FTC Aviation, re-registered from M-JETZ on 28 February.
Global	Express	9066	N610CX	Reregistered from N823DF on 9 March.



It seems the Falcon 8X is popular in Belgium, as OO-SBO is already the fourth one to enter the Belgian register. OO-SBO and OO-FAI are operated by Flying Group, while OO-HHO and OO-VSF are operated by Luxaviation Belgium. OO-SBO is seen here shortly after its delivery flight on the 13th of March. (Antwerp, Walter Van Brempt)



The first ever Global to be registered in The Netherlands arrived at Rotterdam on the 15th of February as PH-BEJ. The Global 5000 is operated by Flying Group on behalf of Mandemakers Groep, a company mainly known for their kitchens. (Antwerp, 27 February 2020, Walter Van Brempt)

	Express	9113	N113XP	Reregistered from N2MG on 18 March.
	Express	9118	VH-SPJ	Addition to Scramble 490.
	XRS	9248	N887GX	Reregistered from N888GX on 4 March.
	5000	9605	N793X	Reregistered from N50MG on 16 March.
	6000	9878	PS-UQN	Delivered on 21 March, ex C-GGWA.
	6500	60024	C-GKWD	Delivered to Bombardier on 6 March.
	6500	60025	C-GLST	Delivered to Bombardier on 6 March.
	6500	60026	C-GLTG	Delivered to Bombardier on 13 March.
	7500	70011	N1111G	Registered on 27 February, ex OE-ILL of Laudamotion Executive.
	7500	70053	C-GLOM	Delivered to Bombardier on 7 February.
	7500	70054	C-GLOY	Delivered to Bombardier on 7 February.
	7500	70055	C-GLOZ	Delivered to Bombardier on 20 February.
	7500	70056	C-GLPF	Delivered to Bombardier on 4 March.
	7500	70057	C-GNJU	Delivered to Bombardier on 6 March.
	7500	70058	C-GNJV	Delivered to Bombardier on 17 March.
Gulfstream	IV	1113	N39AV	Avire, ex XA-JJS. Registered on 5 December.
	G400	1515	N218MD	NE-2, re-registered from N342AP on 2 December.
	G450	4174	N650LG	Leonard Green & Partners, re-registered from N9SC on 20 November.
	V	533	XA-VDW	Former XA-CPQ became XA-VDW before February.
	G550	5224	N885AR	Priester Aviation, re-registered from N770MK on 4 December.
	G550	5391	HB-JQQ	ExecuJet Europe, ex M-ALAY. Registered on 13 January.
	G550	5494	N39871	Zeit2019, re-registered from N6HJ on 21 November.
	G550	5590	EW-001PJ	Government of Belarus, ex OE-ILN. Noted at Minsk on 19 February.
	G550	5595	N620JH	Bank of Utah
	G650	6120	N120GA	Gulfstream Aerospace, ex M-INNS. Registered on 25 November.
	G650ER	6391	N661CH	JPMorgan Chase Bank, ex N691GA. Registered on 25 November.
	G650ER	6395	N662CH	JPMorgan Chase Bank, ex N695GA. Registered on 25 November.
	G65	6410	VP-CRT	Metrojet, ex N641GD. Registered in February.
	G600	73017	VP-CEN	Brilliant Jet, ex N617GD. Registered in February.
IAI	1125SP	46	OB-	Exported to Peru on 12 March, ex N630S.
	1125SP	65	YV-	Exported from the USA on 25 February, ex N30BS.
	G100	154	N91AJ	Ex XA-MEG, registered on 26 February.
Learjet	35A	35A-341	N277MK	Former M-EASY of PM Luftfahrzeugvermietung GmbH was sold to N277MK LLC.
	45	45-005	OY-GIC	Ex OE-GIQ of ProAir Aviation was sold to FlexFlights ApS in Denmark.
	45	45-277	M-CKAY	Ex N951FM of Big Country Air LLC was sold to Danish Aircraft Management ApS in February.
	45	45-490	PS-STZ	Former SP-AAW of Wisniowski SP.Z.O.O. was sold to an unknown operator in Brazil.
	60	60-095	D-CFAR	Ex N82KK of Krispy Kreme Doughnut Corp. was sold to FAI Rent-A-Jet GmbH.
Pilatus	PC-24	142	T7-SUN	Former HB-VUQ of Pilatus Flugzeugwerke was sold to Jet Management San Marino.
	PC-24	155	9H-SBK	Ex HB-VZD of Pilatus Flugzeugwerke was sold to Comlux Malta Ltd. in January.
	PC-24	163	HB-VZL	Registered to Pilatus Flugzeugwerke in January, later sold as:
	PC-24	163	N427SH	to Pilatus Business Aircraft Inc. in January.
	PC-24	165	N121AD	Former HB-VZN of Pilatus Flugzeugwerke was sold to Pilatus Business Aircraft Inc. in February.
	PC-24	169	HB-VZQ	Registered to Pilatus Flugzeugwerke in November, later sold as:
	PC-24	169	VH-FZQ	to Royal Flying Doctor Service in Australia.
	PC-24	171	HB-VZR	Registered to Pilatus Flugzeugwerke in January.
	PC-24	172	HB-VVU	Registered to Pilatus Flugzeugwerke in January.
	PC-24	173	HB-VZS	Registered to Pilatus Flugzeugwerke in January.

Bizprops

Beech	C90GTi	LJ-1908	N845WR	Former D-IXAA was sold to Aircraft Sales Corp. LLC in the US.
	B200T	BT-11	LX-FPP	Former OO-AIS of Aerodata International Surveys BVBA was sold to CAE Aviation.
	B250	BY-229	EC-NIB	Aradian Inc. sold this Beechcraft to a yet unknown Spanish operator.
	B250	BY-288	D-INMI	Former N288DW of Textron Aviation Inc. was sold to a yet unknown operator in Germany.
	B350i	FL-1101	D-CFMM	Ex N1101Q of TVPX Aircraft Solutions Inc. was sold to Aerodata AG in December.
	B350i	FL-1156	D-CFMF	Ex N1156F of Textron Aviation Inc. was sold to Aerodata AG in November.

	B350i	FL-1199	RA-02796	Ex N1199R of Globeflyers Inc. was sold to an unknown operator in Russia.
	B350i	FL-1202	RA-02798	Ex N1202R of Globeflyers Inc. was sold to an unknown operator in Russia.
Cessna	414	0456	RA-67192	Noted at Tallinn on 6 March, ex D-IHEF.
	425	0035	D-IAWE	Noted at Hannover on 28 December, ex YU-BTS.
Piaggio	P180	1042	N478TL	Ex M-PIRE, registered on 27 February.
Pilatus	PC-12/47E	1223	OH-JFM	Ex M-BELI of B L Bell LP Inc. was sold to a yet unknown operator in Finland.
	PC-12/47E	1326	D-FSMT	Ex N138TC of Aerospace Technologies International Inc. was sold to EIS Aircraft.
	PC-12/47E	1767	HB-FWB	Ex HB-FRD of Pilatus Flugzeugwerke was re-registered and cancelled in January.
	PC-12/47E	1862	I-ARUM	Former HB-FXR of Pilatus Flugzeugwerke was sold to OCRIM in Italy.
	PC-12/47E	1924	OE-EPM	Former HB-FRC of Pilatus Flugzeugwerke was sold to Goldeck-Flug GmbH.
	PC-12/47E	1926	G-FITC	Former HB-FRE of Pilatus Flugzeugwerke was sold to Oriens Aviation Ltd.
	PC-12/47E	1927	HB-FYB	Registered to Pilatus Flugzeugwerke in November.
	PC-12/47E	1931	HB-FRJ	Registered to Pilatus Flugzeugwerke in December, later sold as:
	PC-12/47E	1931	N560HA	For Pilatus Business Aircraft Ltd. in the US.
	PC-12/47E	1932	HB-FRK	Registered to Pilatus Flugzeugwerke in December, later sold as:
	PC-12/47E	1932	OK-TBE	For OK Aviation Wings SRO in the Czech Republic.
	PC-12/47E	1938	HB-FRP	Registered to Pilatus Flugzeugwerke 13 January.
	PC-12/47E	1939	HB-FRQ	Registered to Pilatus Flugzeugwerke 15 January.
	PC-12/47E	1940	HB-FRR	Registered to Pilatus Flugzeugwerke 23 January.
	PC-12/47E	1941	HB-FRS	Registered to Pilatus Flugzeugwerke 22 January.
	PC-12/47E	1942	HB-FRT	Registered to Pilatus Flugzeugwerke 24 January.
Piper	31T	8104029	OE-FJG	GWT Holding, ex D-ISHF. Registered in March.
	46-500TP	4697546	D-FCRA	First noted on 16 February, ex N546PM.



It is not often we can publish a picture of a Tanzanian Cessna 208B. 5H-FIA was delivered to Air Excel in October 2011 as the sixth 208B in their fleet. It was ferried back to North America early March and as of this writing has yet to take up a new registration. (Rotterdam-The Hague, 4 March 2020, Mathiëu Vos)

Soviet Updates

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

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

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

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

An-2T	1G73-20	"36" yellow	DOSAFAF	mfd	25aug66	seen derelict Vadul lui Voda 14mar20; ER-AIC ntu
An-2R	1G212-20	UP-A0329	Navigator	w/o	20jun19	collided with the wooden mast of a power-line
An-12BP	2 40 11 03	4K-12425	Azerbaijan Air Force	l/n	jul18	at Baku-Kala, scrapped 2019
An-24RV	1 73 069 06	YR-AMC	TAROM	dbr	09feb76	when undershot at Bacau
An-24RV	2 73 080 07	RA-46479	Polyarnyye Avialinii	YKS	09mar20	in Yakutiya colours and titles; opb Polyarnyye Avialinie
An-24RV	3 73 084 06	RA-46510	Polyarnyye Avialinii	YKS	09mar20	in full colours with titles
An-24RV	7 73 107 07	RA-47363	Polyarnyye Avialinii	YKS	09mar20	in full colours with titles
An-26	43 03	786	Civil Aviation Adm China		31may19	preserved at the Xiamen Red Dot Design Museum

An-26Sh	46 07 ?	RF-36063	Russian Air Force	photo	mar20	c/n not confirmed; coded "30" red
An-26	122 05	EK-26005(2)	Mars Avia		24feb20	in register as "out of operation" in Central African Rep.
An-32RE	01 10	KA2675	Indian Air Force	f/n	11oct19	l/n 05feb20
An-32RE	02 06	KA2681	Indian Air Force	f/n	09feb19	l/n 08feb20
An-32RE	02 07	KA2682	Indian Air Force	f/n	13dec19	
An-32RE	02 09	KA2684	Indian Air Force	f/n	15dec19	
An-32RE	03 01	KA2686	Indian Air Force	f/n	04jan20	
An-32RE?	03 06	KA2691	Indian Air Force	f/n	08feb20	not sure it was an An-32RE already
An-32RE	03 09	KA2694	Indian Air Force	f/n	19dec19	
An-32RE	05 01	KA2706	Indian Air Force	f/n	28dec19	
An-32RE	05 10	KA2715	Indian Air Force	f/n	13dec19	
An-32RE?	08 07	KA2741	Indian Air Force	f/n	07jan20	not sure it was an An-32RE already
An-32RE?	08 10	KA2744	Indian Air Force	f/n	28jan20	not sure it was an An-32RE already
An-32RE	10 07	KA2750	Indian Air Force	f/n	30jan20	
An-32RE?	12 05	KA2759	Indian Air Force	f/n	06feb20	not sure it was an An-32RE already
An-32RE	12 08	KA2762	Indian Air Force	f/n	21jan20	
An-74-200	#470 98 951	RA-74056	Shar Ink Ltd.	dam	03apr15	read the whole story on the on-line database
Il-14T	---	34041	Chinese Air Force	photo		in natural metal c/s
Il-22PP	03936 10235	RF-90923	Russian Air Force	Pus	09mar20	c/n now known, ex RA-75903(1)
Il-62M	20 52 3 4 5	RA-86552	Domodedovo Airlines	DME	05mar20	or 06mar20 the scrapping started
Il-62MGr	41 54 5 3 5	EX-62001	Manas Airways	KZN	12aug18	canx between 28may19 and 17jan20; reported b/u
Il-76MD	00834 87614	KI3012	Indian Air Force	DEL	28feb20	
Il-76MD	00934 91750	KI3014	Indian Air Force	DEL	28feb20	
Il-76TD	00934 98974	UR-COE	Fly Sky Airlines	res	feb20	restored between 22feb20 and 29feb20
Il-76TD	10234 12399	UR-CRN	Fly Sky Airlines	res	feb20	restored between 22feb20 and 29feb20
Il-76MD-90	02-03	RF-78658	Russian Air Force	fff	17mar20	Il-76MD-90A; basic AFL c/s, no titles
Ka-226	#3954107110	RF-17603	Russian Air Force	photo	2016	coded "51" red; in grey c/s
L-410UVP	79 02 05	YI-BYO	green tail and c/l	dbr	27oct19	c/n now known; ex 9Q-CAZ
-UVP-E	90 24 31	TL-AAK	blue/white, n/t	MGQ	03nov19	correction on the c/n
Li-2	184 271 08	"61"	Soviet Air Force	photo		the colour of the code was probably yellow
PS-84	---	CCCP-L3996(1)	GVF	w/o	04mar42	on take-off from the airstrip at Gryadki
Mi-1	15 016	OK-OVC	CSA-Agrolet	dbr	02oct63	collided with a high-voltage power-line near HriUovce
Mi-2	52 3441 044	CCCP-20174	AFL/Far East	w/o	01jul82	during forest patrol operations with an intoxicated pilot
Mi-2	53 5541 038	CCCP-23554	AFL/Far East	dbr	10jun89	came down hard at Vladimirovka and rolled
Mi-2	52 9942 106	UR-SUS	V.S. Ostapenko		11mar20	stopped by Ukrainian Customs at Krakivets border crossing
Mi-2MSB	---	"92" yellow	Ukrainian Army	Chu	2018	in 'digital' medium green/beige/brown camo c/s
Mi-2MSB	---	"93" yellow	Ukrainian Army	Chu	2018	in 'digital' medium green/beige/brown camo c/s
Mi-2MSB	---	"94" yellow	Ukrainian Army	Chu	2018	in 'digital' medium green/beige/brown camo c/s
Mi-2MSB	---	"181" red	Ukraine Army Aviation	KHE	2018	in dark olive drab/khaki camo c/s
Mi-4	03 25	0325	Czechoslovak AF	dam	23mar60	rolled over onto its side at Klecany and used for spares
Mi-4	04 25	0425	Czechoslovak AF	w/o	28mar60	a rotor blade came off in-flight and crashed
Mi-8T	9 75 46 49	"11" yellow	Russian Air Force	no	reports	opb 131 uvp; probably became "98" yellow
Mi-8T	9 75 47 02	"31" yellow	Russian Air Force	no	reports	opb 131 uvp; probably became "100" yellow
Mi-8T	9 75 47 03	"101" yellow	Russian Air Force	photo	10may19	preserved at Kazan-Karaishevo (N55.5345 E49.3220)
Mi-8T	9 75 47 46	"15" yellow	Russian Air Force	no	reports	opb 131 uvp; probably became "108" yellow
Mi-8T	9 75 49 09	"27" yellow	Russian Air Force	no	reports	opb 131 uvp; probably became "126" yellow
Mi-8T	9 75 49 15	"50" yellow	Russian Air Force	no	reports	opb 131 uvp; probably became "130" yellow
Mi-8T	9 88 39307	OM-AVS	UTair Europe	OSR	14jan08	l/n PZY 03aug19; canx between jan20 and 11mar20
Mi-8T	9 91 50947	UR-SMS	Forward Group Integrated	rgd	27jul18	canx between 02mar20 and 19mar20
Mi-8MTV-1	9 4385	UR-CMM	Kroonk	rgd	04jun14	canx between 02mar20 and 19mar20
Mi-8AMT	8AMT00496114709U	JU-6600	Mongolyn Alt	mfd	2011	for sale by Aradian Aviation Ltd; c/n now known
Mi-8MTV-1	9 6058	UR-AFC	Air Taurus	rgd	01jul19	canx between 02mar20 and 19mar20
Mi-17V-5	688M04	12494	Serbian Air Force	mfd	2019	l/n Batajnica 07dec19
Mi-171E	---	S3-DNM	Bangladesh BG	DTJ	10feb20	'BGB' Bangladesh Border Guard titles
Mi-17V-5	---	CUA83	Chinese Army	Kzh	21feb02	drab/sand camo c/s without military roundel
Mi-17	---	Z2876	Indian Air Force	Ban	27feb20	opb 112 HU at Bangalore-Yelahanka
Mi-17	---	ZM2884	Indian Air Force	Ban	27feb20	opb 112 HU at Bangalore-Yelahanka
Mi-17	---	ZM2887	Indian Air Force	Ban	27feb20	opb 112 HU at Bangalore-Yelahanka
Mi-8P	---	TU-VHL	Ivory Coast Government	PMI	14mar20	registration previously used on a Mi-24
Mi-8P	---	TU-VHN	Ivory Coast Government	PMI	14mar20	
Mi-172	---	RDPL-34240	Laos Government	photo	aug19	in all-white c/s
Mi-17	---	6608	Myanmar Air Force	dam	06mar20	came down hard shortly and the tailboom broke off
Mi-17V-5	---	15-017	Pakistan Air Force	ISB	16mar17	l/n over Karachi-Sea View 27feb20
Mi-8	---	no serial	Syrian Air Force	h/o	23feb20	del. by An-124-100 RF-82034 to Latakia-Hmeimim
Mi-8T	---	"09" yellow	Ukraine Air Force	KBP	2018	opb 15 BrTra at KBP
Mi-24D	353246 17 15415	"335"	fake Hungarian AF c/s	photo	24aug14	at Dunsfold but not reported since; fate ?
Mi-28NE9 056	SC-31	Algerian Air Force	photo	27feb20	f/n at Biskra
Mi-35M	---	"302" white	Uzbek Air Force	h/o	dec19	based at Khanabad; in very dark olive drab c/s
RRJ-95B	95 118	9H-SJF	RJ Leasing	rgd	mar20	ex EI-FWF
RRJ-95B	95 199	89139	primer	f/f	04mar20	
Tu-4D	18 4 4 15	"81" red	Soviet Air Force	photo	1957	opb 566 vtap at Seshcha
Tu-4	18 4 5 34	not known	Soviet Air Force	photo		at Rylsk ATU GA
Tu-4	22 57 02	"15"	Soviet Air Force	photo		
Tu-16	3 2 001 02	"06"	Soviet Air Force	mfd	late 53	photo at Achinsk VATU
Tu-16	5 2 018 06	"03"	Soviet Air Force	photo		

Tu-16	6 2 029 16	"01"	Soviet Air Force	photo	at Zyabrovka 1978
Tu-16	6 2 034 03	"11"	Soviet Air Force	photo	
Tu-16	7 2 034 15	"26"	Soviet Air Force	photo	at Mongokhito
Tu-16	7 2 036 02	"83"	Soviet Air Force	photo	opb military unit 90724
Tu-16	7 2 038 11	"84"	Soviet Air Force	photo	at Mongokhito
Tu-16	6 4 015 02	not known	Soviet Air Force	photo	
Tu-16	7 4 018 08	"51"	Soviet Air Force	photo	opb 943 mrapp
Tu-16	1 88 11 06	"07"	Soviet Air Force	photo	
Tu-16	1 88 16 07	not known	Soviet Air Force	photo	
Tu-16	1 88 17 02	not known	Soviet Air Force	photo	
Tu-16	1 88 19 09	"35"	Soviet Air Force	photo	code from engine
Tu-16	---	SU-BAM	Egyptian Air Force	photo	
Tu-22M3M	.. 83 . 1 .	RF-94235	Russian Air Force	fff	20mar20 2nd prototype of this version; coded "06"
Yak-12R	08 4 14	CCCP-L5847	AFL/Kazakhstan	rgd	06jun55 became CCCP-07847 AFL/Kazakhstan rgd 13may58
Yak-12R	08 4 23	CCCP-L5849	AFL/Kazakhstan	rgd	10jun55 became CCCP-07849 AFL/Kazakhstan rgd 13may58
Yak-12R	08 4 25	CCCP-L5852	AFL/Kazakhstan	rgd	16jul55 became CCCP-07852 AFL/Kazakhstan rgd 13may58
Yak-12R	10 4 35	CCCP-L5901	AFL/Kazakhstan	rgd	14aug55 became CCCP-95901 AFL/Kazakhstan rgd 13may58
Yak-12R	10 4 36	CCCP-L5905	AFL/Kazakhstan	rgd	27sep55 became CCCP-95905 AFL/Kazakhstan rgd 1958
Yak-12R	10 4 37	CCCP-L5904	AFL/Kazakhstan	rgd	27sep55 became CCCP-95904 AFL/Kazakhstan rgd 1958
Yak-12R	10 4 38	CCCP-L5903	AFL/Kazakhstan	rgd	27sep55 became CCCP-95903 AFL/Kazakhstan rgd 13may58
Yak-12R	10 4 39	CCCP-L5907	AFL/Kazakhstan	rgd	02nov55 became CCCP-95907 AFL/Kazakhstan rgd 13may58
Yak-12R	13 4 12	CCCP-Sh5945	AFL/Kazakhstan	rgd	05nov55 see on-line database
Yak-12M	03 5 15	CCCP-L5759	AFL/East Siberia	rgd	05mar56 became CCCP-05759 AFL/East Siberia rgd 22may58
Yak-12M	03 5 40	CCCP-L5978	AFL/East Siberia	rgd	28feb56 became CCCP-95798 AFL/East Siberia rgd 22may58
Yak-12M	04 5 06	CCCP-L5981	AFL/East Siberia	rgd	28feb56 became CCCP-95781 AFL/East Siberia rgd 22may58
Yak-12M	04 5 07	CCCP-L5983	AFL/East Siberia	rgd	31mar56 became CCCP-95783 AFL/East Siberia rgd 22may58
Yak-12M	04 5 08	CCCP-L5985	AFL/East Siberia	rgd	31mar56 became CCCP-95785 AFL/East Siberia rgd 22may58
Yak-12M	04 5 09	CCCP-L5987	AFL/East Siberia	rgd	31mar56 became CCCP-95787 AFL/East Siberia rgd 22may58
Yak-12M	04 5 39	CCCP-L5792	AFL/East Siberia	rgd	24may55 became CCCP-05792 AFL/East Siberia rgd 22may58
Yak-12M	06 5 35	CCCP-L4058	AFL/East Siberia	rgd	24may55 became CCCP-74058 AFL/East Siberia rgd 22may58
Yak-12M	07 5 14	CCCP-L4120	AFL/Western	rgd	06jun56 became CCCP-74120 AFL/Belarus rgd 13may58
Yak-12M	07 5 15	CCCP-L4119	AFL/Western	rgd	06jun56 became CCCP-74119 AFL/Belarus rgd 13may58
Yak-12M	08 5 18	CCCP-L4085	AFL/East Siberia	rgd	21jun56 became CCCP-74085 AFL/East Siberia rgd 22may58
Yak-12M	08 5 33	CCCP-L4107	AFL/East Siberia	rgd	11jul56 became CCCP-74107 AFL/East Siberia rgd 22may58
Yak-12M	11 5 06	CCCP-L4240	AFL/East Siberia	rgd	04sep56 became CCCP-14240 AFL/East Siberia rgd 22may58
Yak-12M	13 5 17	CCCP-L4354	AFL/Western	rgd	20aug56 became CCCP-44354 AFL/Belarus rgd 13may58
Yak-12M	15 5 05	CCCP-L1096	AFL/East Siberia	rgd	06dec56 became CCCP-21096 AFL/East Siberia rgd 22may58
Yak-12M	15 5 16	CCCP-L1032	AFL/East Siberia	rgd	31jan57 became CCCP-21032 AFL/East Siberia rgd 22may58
Yak-12M	15 5 23	CCCP-L1049	AFL/East Siberia	rgd	31jan57 became CCCP-21049 AFL/East Siberia rgd 22may58
Yak-12M	15 5 25	CCCP-L1075	AFL/East Siberia	rgd	12jan57 became CCCP-21075 AFL/East Siberia rgd 22may58
Yak-12M	15 5 29	CCCP-L1035	AFL/East Siberia	rgd	18jan57 became CCCP-21035 AFL/East Siberia rgd 22may58
Yak-12M	15 5 31	CCCP-L1050	AFL/East Siberia	rgd	06dec56 became CCCP-21050 AFL/East Siberia rgd 22may58
Yak-12M	18 5 08	CCCP-T482	AFL/East Siberia	rgd	28feb57 became CCCP-56482 AFL/East Siberia rgd 22may58
Yak-12M	20 5 26	CCCP-T604	AFL/East Siberia	rgd	30mar57 became CCCP-62604 AFL/East Siberia rgd 22may58
Yak-12M	21 5 06	CCCP-T677	AFL/Belarus	rgd	07may57 became CCCP-62677 AFL/Belarus rgd 13may58
Yak-12M	22 5 05	CCCP-L756	AFL/Belarus	rgd	27jun57 became CCCP-72756 AFL/Belarus rgd 13may58
Yak-12M	22 5 06	CCCP-L758	AFL/Belarus	rgd	07may57 became CCCP-72758 AFL/Belarus rgd 13may58
Yak-12M	22 5 07	CCCP-L763	AFL/Belarus	rgd	07may57 became CCCP-72763 AFL/Belarus rgd 13may58
Yak-12M	25 5 05	CCCP-K722	AFL/Belarus	rgd	17sep57 became CCCP-72722 AFL/Belarus rgd 13may58
Yak-12M	26 5 30	CCCP-K4303	AFL/East Siberia	rgd	09jan58 became CCCP-14303 AFL/East Siberia rgd 22may58
Yak-12M	26 5 34	CCCP-K755	AFL/East Siberia	rgd	21jan58 became CCCP-72755 AFL/East Siberia rgd 22may58
Yak-12M	26 5 37	CCCP-K762	AFL/East Siberia	rgd	21jan58 became CCCP-72762 AFL/East Siberia rgd 22may58
Yak-12M	26 5 38	CCCP-K767	AFL/East Siberia	rgd	18feb58 became CCCP-72767 AFL/East Siberia rgd 22may58
Yak-12M	26 5 39	CCCP-K770	AFL/East Siberia	rgd	09jan58 became CCCP-72770 AFL/East Siberia rgd 22may58
Yak-12M	26 5 40	CCCP-K786	AFL/East Siberia	rgd	21jan58 became CCCP-72786 AFL/East Siberia rgd 22may58
Yak-12M	27 5 02	CCCP-L809	AFL/East Siberia	rgd	21jan58 became CCCP-40809 AFL/East Siberia rgd 22may58
Yak-12M	30 5 34	CCCP-T0721	AFL/East Siberia	rgd	unknown became CCCP-40721 AFL/East Siberia rgd 22may58
Yak-40	9 41 20 30	EL-CAR	'Volandia'	LIN	09feb20 on display at the Volandia Aviation Museum
Yak-40	9 52 19 41	RA-87535	IDGC		31jan30 seen on display in Krasnoyarsk
Yak-40	9 71 11 52	(EK-88256)	Armenian Airlines		2019 in terrible condition at undisclosed location in Armenia
Yak-42D	452042 39 14 323	RA-42373	KrasAvia	OMS	01mar20 all white, small titles
ARJ21-700	127	B-604A	Chengdu Airlines	TNA	11dec19 in 90 passenger configuration; I/n CTU 24feb20
ARJ21-700	129	B-604D	Chengdu Airlines	h/o	28dec19 in 90 pax config.; ferried from NTG to CTU same day
ARJ21-700	131	B-001U (2)	Chengdu Airlines	SHA	24feb20
ARJ21-700	132	B-001L	Genghis Khan Airlines	r/o	12sep19 1stt ARJ21 built at Pudong; fff 06mar20
C919-200	10 106	B-001G	COMAC	fff	27dec19 still in primer with green fin during the first flight
KJ500H	---	81031	Chinese Navy	photo	3th. Div.
Y7G	---	55015	Chinese Air Force	photo	mar20 opb Central Theatre Com., Transport & SAR Brigade
Y12D	---	6213	Chinese Air Force	photo	date ? opb 15th Airborne Army

PH register

Newly registered aircraft:

PH-BAN	Aquila AT01-100	AT01-100A-353	03feb20	Ex G-GAEF.
PH-BEJ	Bombardier BD-700-1A11	9874	05feb20	Ex C-GOEI, N2001C, C-GGHK.
PH-BKG	Boeing 787-10	42508	10feb20	KLM.

PH-GCF	Alpi Aviat Pioneer 400	033		10feb20	
PH-HSW	Boeing 737-8K2	37160		28feb20	Transavia.
PH-NWL	Kubicek BB.34Z	470		21feb20	Ex D-OCMW.
PH-OAS	Ultramagic S-90	90/11		28feb20	Ex D-OOAS.
PH-PMV	CASA 1.131-E 2000	2092		19feb20	Ex G-BUVN, E.3B-487.
PH-TRK	Lindstrand LBL 150A	1191		25feb20	Ex D-OTRK.
PH-WMM	Cessna 525	525-0118		20feb20	Ex OO-EUR, D-IRWR, N118AZ, N52178.
PH-YIS	Airbus EC135 T3H	2102		26feb20	
PH-3Y3	Aeropro Fox-912	11401		06feb20	Ex OO-F76.
PH-4U4	TL TL-2000 Sting S4	19 ST 479		28feb20	
PH-9U6	Parasport Fun-Alu 125	AT 12092004		04feb20	Ex PH-9U6.
PH-1636	Schleicher ASW 27-18 E	29752		27feb20	
PH-1637	Schleicher ASK 21 B	21976		04feb20	
PH-1644	Rolladen-Schneider LS 4-a	4461		10feb20	Ex D-7067.

Change of ownership:

PH-AMJ	Brändli BX-2 Cherry	213	07530	28feb20	
PH-HMG	Cameron A-250	11111	07261	04feb20	
PH-JGW	Europa AL Europa XS TG	206	06069	10feb20	
PH-OPA	Stampe SV-4B	1202	03668	12feb20	
PH-PHS	Cessna 150G	15064612	08523	12feb20	
PH-RNY	Alpi Aviat Pioneer 400	025	09297	09feb20	
PH-RPJ	Cessna 182R	18267833	03317	20feb20	
PH-URZ	Van's RV-3	11193	08056	28feb20	
PH-3C8	Kappa KP-2UR Sova	05/98	20508	07feb20	
PH-4T2	JMB Aircraft VL-3E	322		12feb20	
PH-901	Rolladen-Schneider LS 4-a	4801		25feb20	
PH-9X3	Fresh Breeze 122 AL 2 F	951	20710	04feb20	
PH-1047	Rolladen-Schneider LS 8 a	8022	05364	18feb20	
PH-1517	Schempp-Hirth Ventus-2cT	96	08002	28feb20	

Cancelled from register:

PH-ANJ	Cessna 150M	15077028	04269	06feb20	To Serbia.
PH-BFU	Boeing 747-406 SCD	28196	05446	04feb20	Wfu.
PH-CAS	Cameron N-105	3226	07788	11feb20	More than 1 year without valid airworthiness document.
PH-CZM	Cameron A-400	10164		03feb20	Wfu,
PH-HLM	Piper PA-34-200T	34-7770393	02645	04feb20	To Hungary.
PH-MMT	Eurocopter EC135P2+	0871	07541	10feb20	To Germany.
PH-SGG	Slingsby T67C	2099	06166	04feb20	To G-JEOL.
PH-TFF	Boeing 737-86N	35220	07762	20feb20	To N801XT.
PH-UNA	Kubicek BB.45N	499	07084	17feb20	To Ukraine.
PH-2Z7	Tecnam P92 Echo	249	20478	04feb20	To Germany.
PH-3N4	ATEC Zephyr	Z150199V	20607	20feb20	To Sweden.
PH-7R9	Miniplane Top 80 ABM	501510013	08555	11feb20	More than 1 year without valid airworthiness document.
PH-7Y8	Adventure X-Race	M4 16U4 XU	08204	11feb20	More than 1 year without valid airworthiness document.

Additions, corrections and news:

PH-HSW Boeing 737-8K2 Ex PR-HSW, PH-HSW, 9Y-TJR, PH-HSW, 9Y-TJR, PH-HSW, 9Y-TJR, PH-HSW, N1796B.

Credits: Inspectie Leefomgeving en Transport.



A new entry in the Dutch civil aviation register is this 1980 built Piper PA-32R-301T Turbo Saratoga. Since 3 October 2019, this aircraft had already stayed at Lelystad Airport, but still registered with its previous (Belgian) registration, OO-TAX. In February it was registered as PH-XXH. The choice for this registration is probably a reference to the initials of the owner. (Lelystad, 28 February 2020, Berend Jan Floor)

Dustpan & Brush



On 9 March 2020, this Omni Air International Boeing 767 (N477AX) landed on Shannon's runway 24 but bounced and touched down hard a second time. There were no injuries however the aircraft sustained substantial damage, revealing creases all around the forward fuselage once parked on stand. Adrian Kissane saw the Seven Sixty Seven land at Shannon last year, on 21 October 2019.

Additions & Corrections:

20jun19 UP-A0329 An-2R 1G212-20 w/o
Operator is Navigator.
See Scramble 482.

27oct19 YI-BYO L-410JVP 790205 w/o
See Scramble 487.

New Accidents:

05jan20 N8200L DHC-8-202 455 w/o

It has now been confirmed that this heavily modified Dash 8, operating for the United States Air Force Special Operations Command, was also written off during the El Shabab attack of Manda Bay air base.

27feb20 BDF-12 UH-1H 18063 w/o

The Belize Ministry of National Security informed media that they lost a Belize Defence Force UH-1H Iroquois in a crash at Gales Point. The crash claimed the lives of all four members of the Belize Defence Force. The UH-1H was used in an operation that saw the seizure of around USD 100 million in drugs in the morning and was hovering over shallow waters in the immediate vicinity of the operation during sunset and without a warning message of the crew, the helicopter crashed under unknown circumstances. The minister of National Security reported that "there has been absolutely no evidence at this point to indicate that the chopper was brought down or shot down or anything to that effect," but an investigation will follow.

27feb20 N951DJ Falcon 50 38 w/o

The cabin of a parked private Dassault Falcon 50 was consumed by fire at Toronto-Buttonville Airport (ON). The aircraft was parked on the apron at the time. A chain-link perimeter fence was cut and an empty jerrycan was found at the base of the aircraft's left-hand forward door...

28feb20 5Y-CGH DHC-8-314 525 dam

A Bombardier Dash 8 of Fly540 was forced to make an emergency landing in Lokichar, Turkana County, Kenya, after it developed mechanical problems. It was headed to Nairobi-Wilson when the incident occurred at Kapese Airstrip, the origin of the flight. In a statement, the airline reported: "At 9:54am, Fly540's DASH8 300 had a suspected foreign object strike which led to an engine failure. The Captain then declared an emergency landing." Passengers were seen disembarking from the aircraft and shortly afterwards, ambulances and security officers arrived at the scene. There were

no injuries reported among the Tullow Oil employees. Fly540 however said the incident would cause delays in scheduled services over the next few days.

Here is a video from inside the cabin:

<https://www.youtube.com/watch?v=vGT8MycO4tg>

28feb20 L-39 w/o

Several Syrian Arab Air Force L-39 Albatros' were destroyed as a hangar was bombed by the Turkish Air Force, at Kuweires Air Base.

01mar20 17-021 Anka-S w/o

The Turkish drone was shot down by the Syrian Air Defense overhead Saraqib.

01mar20 Su-24MK2 w/o

01mar20 Su-24MK2 w/o

F-16s of the Turkish Air Force shot down two Al Quwwat al-Jawwiya al Arabiya as-Souriya (Syrian Arab Air Force) Su-24MK2s over Idlib province. The Sukhoi kills took place after forces loyal to the Syrian Regime brought down a Turkish Anka-S (serial 17-021) over the region. To make the confusion even bigger, it was also reported that the Anka-S was shot down by Turkish backed rebels in Syria, using a Turkish supplied Stinger shoulder fired air defence system. All four Su-24s pilots are reported to have ejected and remained unhurt after the incident. A third Sukhoi escaped the contested area and landed safely at its home base.

The aerial fights came as Turkey announced a full-scale military operation named "Spring Shield" against Syrian targets, this following the loss of at least 34 Turkish soldiers after a Syrian air raid on Turkish posts in Idlib.

02mar20 A320-214 dam

02mar20 5A-WAC B737-4B6 26531 dam

Several civil aircraft that were parked on the apron at Mitiga Airport in Tripoli, Libya, were damaged by shrapnel during a rocket attack.

Confirmed are this Buraq Air Boeing 737 and an Afriqiyah Airways Airbus A320.

02mar20 02188 MQ-1 w/o

The United States Army lost an MQ-1 after it crashed due to technical problems, near Agadez, Niger. It was armed with Hellfire missiles.

03mar20 Bayraktar TB2 w/o

The Turkish military drone was shot down by the Syrian Army near western Aleppo, Syria. The downing of the Turkish

drone marks the sixth time in the last 48 hours that the Syrian Arab Army has downed an unmanned aerial vehicle belonging to Ankara. At the same time, the Turkish military has shot down another Syrian aircraft, bringing the total of downed jets to three in the past 48 hours.

03mar20 L-39A w/o
Following the aerial victory of Turkish F-16s over two Syrian Arab Air Force Su-24s on 1 March, it is now reported that the Türk Hava Kuvvetleri shot down a Syrian Arab Air Force L-39A Albatros over Idlib, at Jabal Al-Zawiyah. The Syrian Ministry of Defense claims the Turkish F-16s violated Syrian airspace over Idlib province and shot down the Albatros. The Turkish Ministry of Defence reported that Turkey shot down the L-39 during 'Operation Spring Shield' as it was about to attack Turkish positions in the province. The Syrian Air Force, once the proud owner of some forty Albatros', has now only a dozen or so left as many were destroyed on the ground, abandoned at their home bases when these were overrun by ISIS/Daesh or were simply shot down over the battlefield by that same organisation.

03mar20 N43368 PA-46-310P **46-8408028** w/o
En route from Columbia Metropolitan Airport (SC) to Tuscaloosa Regional Airport (AL), while cruising at an altitude of 6,500 feet, the Triple 4 Aviation Piper Malibu initiated a right turn then the pilot encountered poor weather conditions. Control was lost and the aircraft crashed in a wooded area located west of Watkinsville, near Bishop, which is about ten miles south-west of Athens, Oconee County (GA), and burst into flames. The aircraft was destroyed and all three occupants were killed. Weather may have been a factor to the incident. The Malibu was upgraded with a 350hp Continental TSIO 550C engine.

03mar20	N5TV	Bell 206B	3502	w/o
03mar20	N43NC	Ce560	560-0698	dam
03mar20	N45NC	CeS550	S550-0061	dam
03mar20	N177VV	Ce525	525-0182	w/o
03mar20	N186EB	Beech B200	BB-1186	w/o
03mar20	N217GB	SF50	0137	dam
03mar20	N217TR	SF50	0162	dam
03mar20	N285EB	Premier 1A	RB-285	dam
03mar20	N377EF	Falcon 7X	101	dam
03mar20	N519JD	Falcon 2000	198	dam
03mar20	N614WD	CL-300	20184	dam
03mar20	N819RS	CL-300	20028	dam

Two powerful tornadoes with winds up to 175 mph unleashed much of the destruction that left at least 24 people dead in central Tennessee. An EF-4 tornado hit Putnam County, and an EF-3 tornado slammed Davidson and Wilson counties before dawn. 24 people were killed and hundreds of buildings were destroyed when the tornadoes tore through the state. Next to those people killed and many injured also properties suffered severe damage, with houses completely destroyed. Also Nashville International Airport (TN) was not spared the wrath of the tornadoes, which led to collapsed hangars and many destroyed and damaged aircraft. This is the list as far as we could decipher. Apart from these bizjets and one News Channel 5 Bell JetRanger there were also smaller aircraft destroyed.

04mar20 N54TS Beech 200 **BB-515** w/o
A Beechcraft 200 Super King Air used for transporting drugs (it carried 28 plastic drums) was intercepted by Venezuelan law enforcement officers at Mauroa, west of Falcón. Apparently it was later destroyed.

05mar20 N706FX Ce208B **208B0426** dam
A Cessna Super Cargomaster of CSA Air, operating as FedEx flight IRO8312 from General Mitchell Airport (WI), experienced a loss of directional control and subsequent runway excursion upon landing at Rhinelander-Oneida County Airport (WI). The airplane nosed over inverted, sustaining substantial damage, and the sole pilot onboard received unspecified injuries. Visibility at the time of the accident was limited to due snowfall and fog.

05mar20 RP-3086 Bell 429 **57329** dam
The Bell 429 Global Ranger of the Philippine National Police clipped power lines and impacted terrain in San Pedro City, Laguna province. The helicopter sustained substantial damage and minor injuries were reported among the eight occupants onboard. No injuries were reported on the ground.

05mar20 MiG-29SM w/o
A Syrian Arab Air Force MiG-29SM crashed moments after departure from Shayrat Air Base. The Fulcrum crashed a few kilometres further at the outskirts of Shayrat village, which is located towards the north-east of the airfield. Reportedly the aircraft suffered a technical malfunction. Although this has been reported as the first loss of a Fulcrum in Air Force service, Scramble assesses there has been more attrition to their fleet. The aircraft was deployed to Shayrat from Saiqal-Seen Air Base.

05mar20 N11QK EC130B4 **3639** dam
The Blue Hawaiian Helicopters EC130 experienced a precautionary landing and subsequent rollover in a lava field in the Leilani Estates area on Big Island of Hawaii, in a wooded area off Highway 130 and Alalii Road. The tour helicopter (operating the 'Circle of Fire' tour) sustained substantial damage and injuries among the six occupants onboard have not been disclosed. Leilani Estates is where lava bubbled up for months in 2018, and then spread across miles of land and destroyed more than 700 homes. The eruption of the Kilauea volcano created miles of new shoreline and filled an entire bay with molten rock.

06mar20 Mi-17 w/o
A Myanmar Air Force Mi-17, carrying at least fifteen persons including foreign military attachés to Myanmar, crashed shortly after it took off in Kaungkha Village, Kutkai Township in northern Shan State. Some crew members were injured but the military attachés onboard were unharmed, according to sources. They were brought by the military (or Tatmadaw) in four helicopters to the village on Friday to observe a drugs haul. Myanmar's military said early this week that it seized over 91 billion kyats (US\$66 million) worth of narcotics, precursor chemicals, stimulants and equipment near Kaungkha.

08mar20 N477AX B767-3Q8ER **29390** dam
An Omni Air International Boeing 767, performing flight OY346 from Bangor (ME) to Shannon, landed on runway 24 at 19:56 hours local time but bounced and touched down hard a second time. At the time Air Traffic Control reported winds from 270 degrees at 20 knots maximum 35 knots and advised of turbulence at the touch down zone. The aircraft rolled out without further incident and taxied to the apron. While taxiing to the apron, tower inquired whether they had any turbulence over the touch down zone, which the crew confirmed. There were no injuries, the aircraft sustained substantial damage, revealing creases all around the forward fuselage.

09mar20 M-YWAY G-IVSP **1486** dam

09mar20 HS-TEU A330-343E **1090** dam
During taxiing at Vientiane-Wattay, Laos, the Thai Airways International Airbus A330 (having arrived as flight TG575 from Bangkok-Suvarnabhumi International Airport) clipped the tail of parked Gulfstream G-IVSP M-YWAY, of Blue Sky Leasing. Both aircraft sustained damage, but the Gulfstream's



Blue Hawaiian Helicopters EC130 N11QK had to make a precautionary landing and subsequently rolled over in a lava field in the Leilani Estates area on Big Island of Hawaii, in a wooded area off Highway 130 and Alalii Road. It sustained substantial damage and injuries among the six occupants onboard have not been disclosed. Walter Heukensfeld saw the chopper while he visited Hawaii (Lihue, Kauai to be exact) on 24 November 2017.

seems particularly dramatic as its tail got clipped off while the Airbus suffered damage to its left outer leading edge slat. The Gulfstream definitely didn't have it his way...

11mar20 92730 F-16A MLU **DG-9** w/o

A Pakistan Fiza'ya (Pakistan Air Force) F-16A MLU crashed near Shakarparian, in the city of Islamabad, during the rehearsals for the Pakistan Day parade over the city. The Fighting Falcon came down near the Pakistan Museum of Natural History park, which is right next to the parade ground. The pilot, Wing Commander Noman Akram, was killed on the scene. The Viper was a solo display and practising for the parade when (according to video footage) it pulled up sharply, rolled inverted for a split-S too low and crashed in a fire ball. The Pakistan Day parade was planned for 23 March 2020. The F-16 belonged to 9(MR)sq "Griffins" based at Mushaf air base.

11mar20 VH-OZO Ce404 **404-0653** w/o

Five people were killed during a crash four miles south-east of Lockhart River Airport (QLD). The Airconnect Aviation Cessna 404 Titan departed Cairns Airport (QLD) for Lockhart, some 800 kilometres north-northeast of Cairns. Local weather conditions were reported as challenging, with low clouds and rain. The single runway 12/30 at Lockhart River has no ILS and the NDB (a non-precision approach, requiring better weather conditions) approach requires five kilometres visibility. After two failed attempts to land the aircraft disappeared. A rescue helicopter located the wreckage of the plane on Quintell Beach, east of the airport some hours later.

12mar20 HK-5075 Beech 200 **BB-801** w/o

A private Beech Super King Air crashed in a mountainous area near Iriona, Colón, Honduras. The aircraft was destroyed and two occupants had died. Soldiers retrieved empty wrappers from the scene that were likely used to carry cocaine. It was suspected that residents of the area had taken the drugs.

13mar20 PR-GSG Ce310R **310R-0614** w/o

Two persons perished in the crash of this Stilus Taxi Aéreo Cessna 310 in the municipality of Tefé, Amazonas, near the local airport.

14mar20 N100AG BAe125-800XP **258747** dam

Luckily both pilots of this private Hawker were not injured, after the bizjet experienced a runway excursion upon landing at Scottsdale Airport (AZ). The airplane sustained substantial damage and had left Rogers Municipal Airport-Carter Field (AR) earlier that day.

15mar20 YV3452 Ce525 **525-0084** w/o

The crew departed Porlamar-Del Caribe-General en Jefe Santiago Mariño Airport, Venezuela, on a ferry flight to Caracas-Oscar Machado Zuloaga Airport. After take-off, while climbing, the crew encountered unknown technical problems and was cleared to return for an emergency landing. After touchdown, the aircraft was unable to stop within the remaining runway distance. It overran, lost its undercarriage and came to rest, bursting into flames. Both pilots were seriously injured and suffered burns. The aircraft was partially destroyed by fire.

17mar20 N159AC S-64F **64084** dam

During the early hours on this day, an arson attack was reported that left an Erickson AirCrane (called "Camille") of Ecocopter with serious damage. Around 02:05 hours local time in the morning there was an attack on this helicopter exclusively dedicated to fighting forest fires in the Santa Juana sector. Because of the Molotov cocktail attack the chopper received substantial damage.

17mar20 N279PM Ce208B **208B0623** w/o

The pilot of Planemasters flight PMS1670, from Wichita-Dwight D. Eisenhower Airport (KS) to Hays Municipal Airport (KS) was killed after his Cessna Super Cargomaster came down north-west of La Crosse, Rush County (KS). Inflight the weather deteriorated with a visibility down to 800 metres. The pilot completed two circuits over the area then decided to divert to Great Bend Airport (KS). While flying in the region of La Crosse, the aircraft went out of control and crashed under unknown circumstances in a wheat field.

18mar20 TU-VHO ? Mi-24D w/o

A Mi-24 of the Force Aérienne de la Côte d'Ivoire crashed at Abidjan - Felix Houphouët Boigny while the helicopter took off around 09:45 hrs local time. Both pilots received minor injuries and could escape the helicopter by themselves. The Mi-24D was assigned to the Escadrille de Chasse (attack squadron) based at Base Aérienne de Abidjan-Port Bouet. The serial of the crashed attack helicopter is possibly TU-VHO (but this serial needs confirmation as with the crash in November 2019, it was more or less confirmed that only two Vs were still operational. But the type from attached pictures show most probably a D).

18mar20 N7155Y PA-30-160 **30-173** w/o

A private Piper Twin Comanche impacted wooded terrain during a take-off attempt from Eagle Nest Ranch Airport,

Clackamas County, (OR). The airplane was consumed by the post-impact fire and the sole pilot onboard received serious injuries and was airlifted to a hospital.

19mar20 P2-MAF Ce208 **20800198** dam

The Mission Aviation Fellowship Cessna Caravan suffered a runway excursion on landing at Yengis Airstrip, Kompiamp-Ambum District, Enga Province, Papua New Guinea. The three occupants and pilot survived the incident. The Yengis Airstrip is located at an elevation of 3,700 ft and its runway 13/31 has a Landing Distance Available of 465 metres. Landings can only be performed on runway 31 because the runway has a 10% downslope to the south-east. The Caravan ended up with its nose pointing downhill, standing almost on the nose itself.

19mar20 ZS-HCZ Bell 206B-3 **4110** dam

Sadly both occupants of this private Bell JetRanger III were injured after the Bell came down near Vischgat, near Vereeniging, South Africa, when it crashed under unknown circumstances.

19mar20 helicopter w/o

While conducting firefighting operations an unknown type of helicopter (leased by the Ulsan Fire Department) crashed into trees due to strong winds near Hoeya Reservoir of Ulju, Ulsan, South Korea, killing one of the two occupants. According to the Korea Forest Service a total of 23 forest fires occurred nationwide (due to 100kph winds) in the aftermath of these strong wind conditions.

21mar20 FAB-518 Zlin 242L **0827** w/o

Two pilots were killed in a Fuerza Aérea Boliviana crash near Chimoré, Cochabamba, killing the instructor pilot and its student. The fatal Zlin 242L crashed during low-altitude aerobatics and an unrecoverable barrel roll, having left home base from home base Chapacura where its unit Grupo Aéreo de Entrenamiento 21 / Escuadrón 210 is based.

21mar20 UH-60M dam

A Mexican State Police agent died when the UH-60M Black Hawk of the Armada de Mexico - Fuerza Aeronaval in which he was seated crashed in the south-eastern Mexican state of Veracruz. The incident caused another twenty injuries. The helicopter was participating in a security operation but crashed when it tried to land on a football field in Tepecuitlapa, Veracruz. The helicopter faced brown-out conditions and the pilots lost sight on the ground, after which their helicopter collapsed. The helicopter took off earlier that day from nearby Veracruz Naval Air Base in order to transport two victims that were kidnapped earlier that week. Both were recovered from their captors in a joint operation that was supported by the Federal and State Anti-Kidnapping Forces, the local police and the military. The five alleged kidnappers were also secured.

21mar20 RA-01917 Bell 206B-3 **4302** w/o

A private Russian Bell JetRanger III crashed during a flight from Naryan-Mar to the weather station Northern UGMS, of the Roshydrometeorological Center at Cape Konstantinovskiy. It was to deliver food to the station's personnel. The pilot succumbed to his injuries while the passenger received serious injuries.

21mar20 N8080M Ce310I **310I0080** w/o

A Coast Guard helicopter spotted a crashed private Cessna 310I in the woods near Charleston Executive Airport (SC), killing the sole person onboard. It had departed Rocky Mount Airport (NC) earlier and was headed to Zephyrhills Municipal Airport (FL). The reason for the crash was unclear.

21mar20 B727-200F dam

A Serve Air Cargo Boeing 727 reportedly suffered problems with the hydraulic system. The flight returned and safely landed at Kinshasa-N'Djili Airport, DRC. After the flight crew had disembarked, the aircraft rolled backwards until it came

to a stop at the edge of the apron or taxiway. The extent of the damage is not known, but there is a nice YouTube video of the incident: www.youtube.com/watch?v=4_jp0uG_ook

22mar20 XB-PNK BAe125-F400A **25227** dam

An abandoned Hawker Siddeley 125 (before British Aerospace took over the manufacturing rights) with running engines was found by law enforcement officers near Caballo Blanco, Retalhuleu, Guatemala. It probably had been used for transporting drugs. An army spokesman said that when the military arrived at the scene, they only found the aircraft, which apparently collided with a waiting vehicle, which caught fire after the impact. According to the residents of the place, a group of more than 30 armed men arrived in seven vehicles to wait for the landing, which was carried out on a local road. The aircraft then swerved into a cane field. The aircraft involved was carrying a false Mexican registration, XB-PNK, while the previous official registration was XB-OUF.

24mar20 CC-ARR Bell 206L-3 **51474** w/o

A Bell LongRanger III of Servicios Aéreos Space Copters crashed under unknown circumstances at Chicureo, Chile, and the sole pilot onboard sustained fatal injuries.

24mar20 ZT-RJC Bell 505 **65109** dam

After landing at Christiana, North West, South Africa, the skid of this private Bell JetRanger X sunk into soft ground and the helicopter rolled on its side, sadly killing the daughter of the pilot. The pilot himself escaped unhurt.

24mar20 UH-1 dam

A private Iroquois crash-landed at Tsumeb, Oshikoto Region, Namibia, causing minor injuries to the sole pilot onboard. Namibian Police crime investigations coordinator for the Oshikoto region, deputy commissioner Naomi Katjiua, reported that the 49-year-old male pilot was on a de-bushing operation, where he was spraying poison on shrubs with the helicopter at farm Kraalkop, outside the town. "While busy with the operation, the pilot realised that the helicopter could not stay airborne any longer and he decided to land. However, the Bell crashed to the ground while landing." The pilot sustained bruises to his face and a scratch on his left leg.

25mar20 L-39 w/o

Around 16:00 hrs local time, a cadet pilot was killed when the L-39 Albatros of the Russian Federation - Aerospace Forces crashed in the Krasnodar Territory, Russia. The 4th year student and his Albatros belonged to the Krasnodar Higher Military Aviation School of Pilots (KVVAUL) and performed a standard training flight when things went wrong. It is reported that the pilot ejected, but its parachute did not deploy. The aircraft came down near the village of Dmitrievskaya, which is located north-east of the city of Krasnodar. The KVVAUL is based at two locations, Maykop-Khanskaya air base and Michurinsk air base with respectively the 272nd Polotsk orders of Suvurov and Kutuzov Training Air Base (272 UAB) and the 219th Training Air Base (219 UAB) units. It is reported that the fatal L-39 belonged to the Tikhoretsk air base, home of the 192nd Guards Training Air Base (192 GvAUB).

25mar20 Su-27 w/o

A Russian Federation - Aerospace Forces Su-27 disappeared from radar while flying over the Black Sea, near Belbek, 50 kilometres from Théodosie, during a routine training flight. The fighter emitted an ELT (Emergency Locator Beacon) signal to locate it. SAR (Search and Rescue) operations started right away, with an An-26 and Mi-8 being dispatched from the Southern Military District emergency services. The pilot's search is complicated by the bad weather conditions, said the Russian Defense Ministry.

Credits: Aviation Herald, ASN, B3A, CNN, Korea Joongang Daily, Twitter

Military News & Updates



Albacete is the hometown of the Base Aérea de Los Llanos, where the local Ala 14 of the Spanish Air Force and the Tactical Leadership Programme courses are headquartered. Although one of the first versions, the McDonnell-Douglas EF-18H Hornet is still a very potent fighter. Ala 12 send Hornet C.15-46 code 12-04 to the first TLP course in 2020 to 'play with the boys'. (Albacete, 17 February 2020, Jose Damian González)

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)

CH-47D

D-666 298sq 75 yrs 298 SQN **M3666/NL006** mar20
This Chinook received special markings to commemorate 75 years 298sq with the Royal Netherlands Air Force. An anniversary celebration was planned on 16 April 2020, but this has been cancelled due to the COVID-19 crisis. A new date will be published soon.

CH-47F

D-472 f/f **M7472?** mar20
Just before this issue of Scramble went to press we learned that the first CH-47F for the Royal Netherlands Air Force made its first flight in March. The helicopter is painted in the same light olive drab colour scheme as the US Army CH-47Fs.

F-16AM

J-616 312/312sq ex 322sq to be wfu soon **6D-48** feb20
J-616 was ferried from Leeuwarden to Volkel and will fly its last hours with 312/313 Squadron at Volkel. Thereafter, J-616 will be withdrawn from use and scrapped.

Denmark

Flyvevåbnet (AF)
EKKA = Karup AB

AS550C2

P-090 i/a EKKA Spesialscole **2090** feb20
The oldest Fennec in service was transferred to the Spesialscole at Karup for further use as an instructional airframe.

Finland

Ilmavoimat (AF)

F/A-18C

HN-437 HävLLv 11 ex HävLLv 31 **1447/FNC037** mar20

HN-439 HävLLv 31 ex HävLLv 11 **1451/FNC039** mar20

Germany

The German Defence Forces are looking to purchase a batch of sixty H145M helicopters for a variety of missions. The Bundesheer will buy 48 and Luftwaffe/Marineflieger 16 H145Ms between them. The Bundesheer will buy a new variant which will be named "H145M LUH SK (SK stands for "Streitkräfte"). This variant will receive modular weapons systems to support the Tiger UHT helicopter in the light attack role. Because the weapons systems are modular units, the helicopters can easily be refitted for liaison or medevac duties.

Luftwaffe (AF)

EF2000

30+49	TLG73	ex TLG31	GS034 mar20
31+06	TLG71	ex TLG31	GS082 mar20
31+38	TLG71	ex TLG31	GS098 mar20

H145M

77+01	HSG64	ex Airbus Heli.	20282 mar20
77+02	HSG64	ex Airbus Heli.	20307 mar20

Heeresflieger (AR)

Tiger UHT

74+38	D/F HFAZT	ex KHR36	1038/UHT38 mar20
74+55	D/F HFAZT	ex Airbus Heli	1055/UHT55 mar20

UH-1D

73+08	THR30	full c/s 'Goodbye Huey'	8428 mar20
73+67	THR30		8487 feb20

Huey 73+08 is painted in full special markings to commemorate five decades of Huey operations with the Bundeswehr. To celebrate this, the "73+08 Huey" will lead the 2020 goodbye tour through Germany. The first visits had already been planned in April, but due to the COVID-19 crisis these have been postponed to a later date. Check www.goodbyehuey.de for the latest updates.

Italy

Aeronautica Militare (AF)

F-2000A

MM7319/51-04	132° Gruppo	ex 37-05/18° Gruppo	IS051 feb20
MM7328/4-57	904° GEA	ex 37-14/18° Gruppo	IS060 feb20
MM7353/51-05	132° Gruppo	ex 36-56/936° GEA	IS079 feb20

Guardia di Finanza (PO)

AW139M

MM81950/GF-409 SA Catania ex CSX81950/Leonardo **31839** nov19

Norway

Norske Luftforsvaret (AF)

The first two “new” Coulson Aviation C-130H Hercules’ will leave AMARG soon or may have left when you read this. Both aircraft will become aerial firefighting platforms with Coulson Aviation. The company will modernise the aircraft with new glass cockpits and other firefighting-specific equipment. The aircraft were towed to the Pima Air & Space Museum grounds (Tucson, AZ) where the aircraft were serviced and made ready to depart.

Coulson Aviation reported that they were not allowed to fly an aircraft with the official markings of another government on the side. Therefore they have removed the ROYAL NORWEGIAN AIR FORCE livery and installed COULSON AIR FORCE livery for their inaugural flights post maintenance.

AW101 Mk612

0277	OT&E	d/d 05mar20	50277/NOR09
0278	Leonardo MW	f/n, ZZ109	50278/NOR10 mar20

C-130H

957 to N130CG Coulson Aviation **382-4339**

The Hercules was, together with 956/N132CG, still at the Pima Air Museum restoration area on 8 March 2020.

Poland

Sily Powietrzne (AF)

Minister of Defence Mariusz Błaszczak signed a contract for the F-35A procurement in Deblin on Friday 31 January 2020. In the press conference, more details were revealed in relation to the delivery schedule. Delivery of the first six aircraft is scheduled to start in 2024, and to continue in 2025. These six aircraft will be based at Luke AFB (AZ) for training of air and ground crews. The first aircraft is expected to arrive in Poland in the 2025-2026 time frame, with Initial Operating Capability (IOC) scheduled for 2028. After the first six aircraft, four to six Lightning IIs will be delivered each year, with the final ones scheduled for 2030. The F-35A Lightning IIs will all be equipped with the latest Block 4 software. The agreement also includes a modernization package that envisages that upgrades introduced later on will be implemented on the aircraft delivered before those upgrades become available. According to the information provided, the aircraft will be equipped with drag chutes. The value of the contract,

covered completely by the MoD’s budget, is still reported as USD 4.6 billion, to be paid between 2020 and 2030. To give some extra attention to the official signing of the contract, two Aeronautica Militare (AMI, Italian Air Force) F-35A Lightning IIs flew to Deblin. Original “reports” mentioned two Koninklijke Luchtmacht (KLu, Royal Netherlands Air Force) F-35As would attend the ceremony.

Lotnictwo Marynarki Wojennej (NY)

The Lotnictwo Marynarki Wojennej has started a programme to replace its four Kaman SH-2G Seasprite ship-based helicopters. The helicopters are operated by the 43 Baza Lotnictwa Morskiego (43BLM) and are shore-based at Gdynia/Babie Doly. A high level of wear causes low availability and readiness of the Seaprites. Taken into account there is also a lack of maintenance support provided by the manufacturer, the navy decided to replace the helicopters. Within the replacement programme, named ‘Kondor Embarked Helicopter Programme’, the navy seeks four to eight new helicopters for ASW/RWC duties (Anti-Submarine Warfare/Radar Weapons Control), which is the most urgent at this moment. Next to the current Seasprites, this role is also fulfilled by the Mil Mi-14.

Further in time, the navy is also looking to acquire eight CSAR helicopters for its special operations component. According to information from the Ministry of Defence, there are nine potential suppliers for the Multi-Role Naval Embarked Helicopter. These are Polska Grupa Zbrojeniowa S.A., Kaman Aerospace Corporation, Bell Textron Inc., General Dynamics Mission Systems – Canada Inc., WSK “PZL Swidnik” S.A., Enamor Sp., Airbus Helicopters SAS, Polskie Zakłady Lotnicze Sp. and Elbit systems Ltd. Lastly, Leonardo declared its Swidnik-based facility will be offering its AW159 platform. There is still the possibility that Kaman Aerospace Corporation, which built the SH-2G Seasprite, will work along General Dynamics Mission Systems – Canada Inc. to modernise the SH-2G Seasprites and extend the fleet’s service life, much like it did for two other Seasprite-users: New Zealand and Peru. For this, it would offer an in-depth overhaul of the helicopters, with a potential option for acquiring more (secondhand) Seasprites. The MoD will start technical dialogues with the potential suppliers in the second half of 2020.

Romania

Fortele Aeriene Romane (AF)

On 27 January 2020, the defence ministers from Portugal and Romania formally signed the contract for the sale of five



Leonardo’s former M-346 Advanced Jet Trainer testbed CPX622, is now being used for development and certification of the new Fighter Attack Version. The first test flight after external modifications was conducted on 23 December 2019. For the flight test campaign, a dummy AIM-9L Sidewinder is being carried on each wing tip as part of the Fighter Attack standard configuration. Taken in beautiful light in an overall dark grey livery with some primer panels on take-off. (Varese-Venegono, 29 January 2020, Maroc Muntz)



The initial order of three AW139s for the Corpo Nazionale dei Vigili del Fuoco was augmented by an additional order for five more helicopters. The announcement was made during the Paris Air Show at Le Bourget in June 2019. The third AW139 of the second order, carrying its temporary registration I-EASZ, is seen on approach at Varese-Vengono on a test flight prior delivery as VF-145. (Varese-Venegono, 29 January 2020, Maroc Muntz)

F-16s to the air force at a total value of 130 million Euros. The deal includes the technical conversion of the aircraft to Romanian specifications, the transfer of technical information and setting up maintenance in Romania. The aircraft - four F-16AMs and one F-16BM - will undergo modernization at the OGMA facilities (Portugal) before their delivery to Romania. The planned delivery schedule for the Fighting Falcons is two in June 2020, two in October 2020 and the last one in early 2021. With this, the air force will have 17 F-16s in its inventory. All aircraft will be upgraded to a new standard called M.6.X. In 2013, the air force agreed to buy the first batch of twelve aircraft - nine single seaters and three dual seaters - which were delivered in September and October 2016. Scramble Magazine is eager to know which airframes are (or will be) involved in this latest deal.

Serbia

Ratno Vazduhoplovstvo i Protivvazdusna Odbrana (DF)

Mi-17V-5

17491	890.mhe	c/n update	688M01
17492	890.mhe	c/n update	688M02
17494	890.mhe	c/n update	688M04

Spain

LECV = Colmenar Viejo
LELO = Agoncillo
LFTB = Marignane Berre Airport

Ejército del Aire (AF)

As reported before, the air force ordered 24 Pilatus PC-21 training aircraft to replace the CASA 101EB jets for advanced pilot training with the AGA at San Javier. The type will be referred to as E.27 in Spanish service. The first six machines are said to be expected at their new home base as soon as March 2020 and will be used for instructors' training. Whether or not part of the fleet will eventually also be based at Mataban remains to be seen.

A400M

T.23-06/31-26 Ala 31 #10207, ex Airbus **098** feb20

NH90-TTH

(HD.29-16)/803-16 Airbus LFTB c/n update **1425** feb20
The code and c/n were confirmed. For the time being, the serial remains an educated guess.

Fuerzas Aeromóviles del Ejército de Tierra (AR)

The six Tiger HAP helicopters of BHELA I at Almagro will be withdrawn from use when they reach their 400 hours inspec-

tions. Initial plans were to upgrade them to HAD configuration after completion of the delivery of eighteen factory fresh HAD machines. Now that all HADs have been delivered it was decided to use the HAP fuselages for the development of the Mk.III Tiger prototype while many of the inner components can be used as spare parts for the HAD helicopters.

AS532UL

HT.27-05/ET-653 std LECV **2466** nov19

UH-1H

HU.10-24/ET-261	std LECV	ex std LELO	12434	nov19
HU.10-34/ET-214	std LECV	ex std LELO	13229	nov19
HU.10-36/ET-216	std LECV	ex std LELO	13231	nov19
HU.10-40/ET-217	std LECV	ex CEFAMET ?	13530	nov19
HU.10-41/ET-264	std LECV	ex std LELO	13292	nov19
HU.10-75/ET-245	std LECV	ex std LELO, wh c/s	13937	nov19

All but ET-217 are former BHELMMA III helicopters that had been temporarily stored at home base Agoncillo after withdrawal of the type on 12 December 2018. In the period 2014-2018, ET-217 was regularly noted active at Colmenar Viejo wearing CEFAMET unit marks. The status of Cougar ET-653 is unclear but it might just be here for maintenance.

Sweden

Försvarsmaktens Helikopterflottilj (JF)

Hkp14F

146057/57 3.Hkpskv f/n, serial tbc **BSWN03** mar20

The serial of the NH90 is not yet confirmed. We are also still looking for the construction number.

Switzerland

Schweizer Luftwaffe (AF)

LSMD = Dübendorf

LSZR = Altenrhein

PC-9

C-406 pres LSZR ex std LSMD **214** feb20

On 20 February 2020, Pilatus PC-9 C-406 was transported by K-Max helicopter HB-ZVM from Rotex Helicopter to the Flieger- und Fahrzeugmuseum Altenrhein. The airframe has not been noted airworthy since 2016 and was stored at Dübendorf ever since.

United Kingdom

Royal Air Force (AF)

The RAF announced plans to retire the Sentry AEW1 aircraft from service in December 2022. Recently the fleet was already

- ZH104 reduced from four to only three aircraft. The retired aircraft (ZH104) was flown to Lake Charles (LA) for long term storage on 15 January 2020. Three other aircraft were previously already retired and stripped for spares at RAF Waddington:
- ZH102 wfu early '19
- ZH105 wfu by oct11, first stripped for spares and remains used for ground instruction purposes since
- ZH107 wfu early '19, but reportedly already in long-term storage at RAF Waddington by early '18

The early retirement of the Sentry AEW1 is for budgetary reasons only with a calculated shortfall over the next years of at least £2.9 billion, but possibly as much as £13 billion. The large difference between these numbers is due to some projects not yet being budgeted. For example, the cost of the first forty-eight F-35B Lightning II aircraft is currently planned while the 2015 Strategic Defence and Security Review called for a total fleet of 138 of these aircraft. In a footnote, it was mentioned that this is caused by postponing the decision on the exact number of F-35Bs to be ordered until after the HMS Queen Elizabeth will become operational in 2021.

It is also noteworthy that the early retirement of the Sentry AEW1 fleet will create a capability gap. The RAF will be lacking an airborne early warning platform between December 2022 and the date of delivery of the first Boeing E-7 Wedgetail on order. The first Wedgetail is planned to be delivered in September 2023.

The Ministry of Defence (MoD) Defence Equipment and Support (DE&S) organisation announced that sixty-three Vigilant T1 gliders are to be sold to Aerobility. Grob Werke GmbH in Germany will update the first ten aircraft to the current civil standards. The remaining fifty-three aircraft will be updated by Southern Sailplanes at Membury. The first aircraft should be ready to take to the sky again in the summer of 2021. Aerobility is a charity organisation which offers disabled people the opportunity to fly an aeroplane. The organisation has labelled the purchase "Operation Able" and under this an undisclosed number of Vigilant aircraft will be offered for sale to individuals and organisations. The remaining aircraft will be retained for flying activities by Aerobility itself.

On 4 February 2020, an RAF Poseidon MRA1 touched down on British soil for the first time. The aircraft in question (ZP801/01) was initially delivered from Boeing Seattle (WA)

to NAS Jacksonville (FL) on 30 October 2019. It was used for training purposes at this airfield which also houses several US Navy P-8A units. Because the runway at its future home base (RAF Lossiemouth) is being resurfaced, ZP801 landed at nearby Kinloss Barracks. The aircraft did perform a flyby, escorted by II(AC)sq Typhoon FGR4s ZK334/334 and ZK349/349, over RAF Lossiemouth prior to landing at Kinloss Barracks. One day later (5 February 2020), the second Poseidon MRA1 (ZP802/02) was also delivered by Boeing to NAS Jacksonville (FL). This example only stayed there for little over a month, since it too crossed the Atlantic Ocean heading for Kinloss Barracks on 13 March 2020.

While on the subject of the runway resurfacing activities at RAF Lossiemouth. The Typhoon squadrons continue to operate from this base until June. In that month the intersection of runways 05/23 and 10/28 will undergo treatment and for a period of five weeks the Typhoons are planned to use Kinloss Barracks. Three aircraft however will go a bit further south to Leuchars Station to equip the Quick Reaction Alert (QRA) detachment which will temporary set up camp there.

Tutor T1 aircraft G-BYWS and G-BYXA arrived at JHC Alder grove on 18 January 2020. Both aircraft were for Northern Ireland University Air Squadron (NIUAS). They were followed by G-BYWI on 22 January 2020. The unit was activated back in 2015, and it reached Full Operating Capability (FOC) on 26 February 2020. On this day an RAF F-35B (ZM147/013) and Typhoon FGR4 (ZK363/363) performed a flypast to celebrate this milestone.

On 27 January 2020, 3(F)sq took over responsibility of the Typhoon detachment at RAF Akrotiri (Cyprus) under Operation Shader from 6sq. As usual this resulted in various unit transfers amongst the Typhoon fleet. At the time of this handover, the following aircraft were deployed: ZJ950/950, ZK302/302, ZK311/311, ZK322/322, ZK324/324, ZK333/333, ZK346/346, ZK351/351 and ZK352/352.

Last month we reported a number of Hawk aircraft slated to be moved from storage at RAF Shawbury to RAF Cosford for usage as ground instruction frame. In addition, both XX173 and XX240 are also planned to be removed from storage at RAF Shawbury. Both will go to the Joint Aircraft Recovery and Transportation Squadron (JARTS). According to MAR, XX173 is slated to be used for destructive testing/training. Most likely this will take place at their QinetiQ Boscombe



The 2° Reparto Volo of the Italian Polizia di Stato operates a mix of helicopters and fixed wing aircraft. The Partenavia P-68 Observer is a nice small aircraft and used for observation and light transport. This particular Reparto Volo is based at Case Nuove, adjacent to Milan-Malpensa airport. On 8 January 2020, PS-A99 made few approaches at Varese-Venegono during a training flight. (Varese-Venegono, 08 January 2020, Marco Muntz)



Last January, the Ejercito del Aire started operating the MQ-9B Reaper with Ala 23 from Talavera La Real. Wim Sonneveld was able to photograph NR.05-02/23-01. The UCAV flew two missions, including a "planned" missed approach. (Talavera la Real, 20 February 2020)

Down facility. Hawk XX240 is planned to be moved to the JARTS facility at Newquay (former RAF St.Mawgan).

In addition, six Gazelle AH1 helicopters stored at RAF Shawbury are planned to be stricken from the military register and disposed of by tender. The helicopters involved are XX460, XZ294, XZ328, XZ341, XZ343 and ZB667. Also all twenty-three Tucano T1 aircraft stored here are no longer required since the type was withdrawn from use. They too will be sold by tender and removed from storage.

EGOS = Shawbury EGWC = Cosford

ADSU	Apache Depth Support Unit at Wattisham
Airbus	Airbus Military at Getafe (Spain)
CGS/644VGS	Central Gliding School and 644VGS pool at RAF Syerston
CMF	Chinook Maintenance Unit at RAF Odiham
EGUB Pool	28sq, 33sq and 230sq pool at RAF Benson
GMS	Glider Maintenance Section at RAF Syerston
Leonardo	Leonardo Helicopters at Yeovil
MPSU	Multi-Platform Support Unit at Middle Wallop
StandardAero	StandardAero at Fleetlands
TMU	Typhoon Maintenance Unit at RAF Coningsby
WST	Wildcat Storage at RNAS Yeovilton

Atlas C1

ZM401	24/70sq	ex Airbus	016	jan20
ZM403	24/70sq	ex Airbus	020	jan20
ZM411	Airbus	ex 24/70sq	039	nov19

Chinook HC6

ZK556	7sq	ex CMF	M7707	jan20
ZK563	QinetiQ	ex 7sq	M7714	jan20

Chinook HC6A

ZA677	StandardAero	ex 28sq	M7012	nov19
ZA679	28sq	ex StandardAero	M7014	nov19
ZA683	18(B)sq	ex 27sq	M7031	jan20
ZA720	18(B)sq	ex 27sq	M7020	jan20
ZD574	7sq	unit confirmed	M7021	jan20
ZH892	18(B)sq	ex 27sq	M4495	jan20
ZH892	StandardAero	ex 18(B)sq	M4495	jan20

Defender R2

Since October 2017, ZG995 (4005) was stored at JHC Alder-grove. It was last confirmed still in storage in May 2019, but it was also listed on the official RAF document when the type designation was changed from Defender AL1 to Defender R2. This was part of the transfer of the Defender fleet from the AAC to the RAF on 1 April 2019. During November 2019, the aircraft was reported active on various occasions. We did not see any reports of this aircraft being active between May and November 2019, so we assume that it was restored to flying condition in this period.

Hawk T1

XX168	i/a EGWC	ex std EGOS	312015	feb20
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Hawk T1A

XX218	i/a EGWC	ex std EGOS	312054	feb20
XX227	i/a EGWC	ex std EGOS	312063	feb20

Hawk T1W

XX178	i/a EGWC	ex std EGOS	312025	feb20
XX283	i/a EGWC	ex std EGOS	312108	feb20

Jupiter HT1

As reported, four additional Jupiter HT1 helicopters have been purchased to increase the helicopter pilot and crew-members training capacity. Similar to the previous deliveries of Jupiter and Juno helicopters, they are built at the Airbus Helicopters facility in Donauwörth (Germany) and delivered from there to Airbus Helicopters in Kidlington (UK) to be prepared for delivery to RAF Shawbury. These are the known details of these helicopters so far:

c/n 20309	ex D-HADR, to G-CLKI (reg 24feb20)
c/n 20310	to G-CLKO (reg 26feb20)
c/n 20312	to G-CLKP (reg 04mar20)
c/n 20313	to G-CLKS (reg 05mar20)

Poseidon MRA1

ZP801/01	120sq, del to UK 04feb20	64175/7532	feb20
ZP802/02	120sq, del to UK 13mar20	64176/7642	feb20

The nickname of ZP801 is Pride of Moray, while the nickname of ZP802 is City of Elgin. In total five Poseidon aircraft are planned to be delivered this year. According to MAR the delivery schedule for the remaining three is as follows:

ZP803/03	to NAS Jacksonville (FL) in aug20
ZP804/04	to NAS Jacksonville (FL) in aug20
ZP805/05	to RAF Lossiemouth in dec20

Puma HC2

Last month we mentioned that ZA940/V transferred from Benson Pool to QinetiQ. This took place on 9 January 2020. It is now known that the helicopter returned again to Benson Pool on 28 January 2020.

Typhoon T3

ZK383/383	12(B)sq	ex TMU	BT028	jan20
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Typhoon FGR4

ZJ950/950	3(F)sq	ex 6sq/950	BS047	jan20
ZK302/302	3(F)sq	ex 6sq/302	BS047	jan20
ZK307/307	12(B)sq	ex XI(F)sq/307	BS058	nov19
ZK311/311	3(F)sq	ex 6sq/311	BS064	jan20
ZK312/312	3(F)sq	ex TMU	BS067	jan20
ZK313/313	XI(F)sq	ex TMU	BS070	jan20
ZK316/316	3(F)sq	ex TMU	BS075	nov19
ZK317/317	3(F)sq	ex XI(F)sq/317	BS078	jan20
ZK320/320	1(F)sq	ex II(AC)sq/320	BS081	nov19
ZK320/320	II(AC)sq	ex 1(F)sq/320	BS081	jan20
ZK322/322	3(F)sq	ex 6sq/322	BS083	jan20
ZK323/323	II(AC)sq	ex 29sq/323	BS084	dec19

ZK324/324	3(F)sq	ex 6sq/324	BS085	jan20
ZK327/327	TMU	ex 29sq/327	BS088	nov19
ZK329/329	12(B)sq	ex XI(F)sq/329	BS090	nov19
ZK330/330	II(AC)sq	ex 1(F)sq/330	BS091	dec19
ZK330/330	1(F)sq	ex II(AC)sq/330	BS091	jan20
ZK333/333	3(F)sq	ex 6sq/333	BS094	jan20
ZK337/337	II(AC)sq	ex 1(F)sq/337	BS098	jan20
ZK341/341	1(F)sq	ex II(AC)sq/341	BS102	jan20
ZK342/342	XI(F)sq	ex 3(F)sq/342	BS103	jan20
ZK343/343	XI(F)sq	ex 3(F)sq/343	BS104	jan20
ZK346/346	3(F)sq	ex 6sq/346	BS107	jan20
ZK347/347	XI(F)sq	ex 12(B)sq/347	BS108	nov19
ZK347/347	TMU	ex XI(F)sq/347	BS108	jan20
ZK351/351	3(F)sq	ex 6sq/351	BS112	jan20
ZK352/352	3(F)sq	ex 6sq/352	BS113	jan20
ZK360/360	6sq	ex II(AC)sq/360	BS121	dec19
ZK361/361	12(B)sq	ex XI(F)sq/361	BS122	nov19
ZK361/361	XI(F)sq	ex 12(B)sq/361	BS122	dec19
ZK362/362	12(B)sq	ex 3(F)sq/362	BS123	jan20
ZK368/368	1(F)sq	ex II(AC)sq/368	BS129	nov19
ZK372/372	12(B)sq	ex 3(F)sq/372	BS133	jan20
ZK424/424	II(AC)sq	see note	BS140	nov19
ZK425/425	6sq	ex 3(F)sq/425	BS141	jan20
ZK434/434	II(AC)sq	ex 1(F)sq/434	BS150	jan20
ZK437/437	29sq	ex XI(F)sq/437	BS153	jan20
ZK438/438	29sq	ex XI(F)sq/438	BS154	jan20
ZK439/439	29sq	ex TMU	BS155	jan20

The unit change for ZK330 mentioned last month (from II(AC)sq to 1(F)sq) did not occur in January 2020 as mentioned, but already in November 2019. Concerning ZK424, this aircraft was transferred from 3(F)sq to 1(F)sq on 8 November 2019. It was a ground spare for Operation Masterer. This was the Air Policing deployment of four 1(F)sq Typhoons to Keflavik (Iceland). The jet did not deploy and was passed on to II(AC)sq by end-November 2019. The following aircraft did deploy under Operation Masterer, ZK324/324, ZK334/334, ZK330/330 and ZK344/344 on 12 November 2019. All returned home on 9 December 2019.

Viking TX1

ZE499/VD	CGS/644VGS	ex GMS	33883	jan20
ZE522/VL	CGS/644VGS	ex GMS	33891	jan20
ZE551/VY	CGS/644VGS	ex GMS	33910	jan20
ZE587	GMS	ex 626VGS/WS	33934	jan20
ZE605/XE	CGS/644VGS	ex 632VGS/XE	33949	jan20
ZE614/XN	632VGS	ex CGS/644VGS/XN	33969	jan20
ZE632/XW	CGS/644VGS	ex GMS	33979	jan20
ZE637/YA	661VGS	ex GMS	33997	jan20

Army Air Corps (AR)

Apache AH1

ZJ186	653sq	ex 663sq	WAH21	jan20
ZJ188	663sq	ex ADSU	WAH23	nov19
ZJ188	653sq	ex 663sq	WAH23	jan20
ZJ191	653sq	ex 663sq	WAH26	jan20
ZJ192	656sq	ex 653sq	WAH17	dec19
ZJ195	664sq	ex 653sq	WAH30	dec19
ZJ203	673(AHTU)sq	ex 3Regt	WAH37	dec19
ZJ230	653sq	ex 662sq	WAH64	jan20

Gazelle AH1

XX403	std Colsterworth, ex std MPSU	1333	jan20
XX405	std StandardAero, ex 7Regt Conv Flt	1343	jan19
XX442	std Colsterworth, ex std MPSU	1221	jan20
XX447	std Colsterworth, ex std MPSU	1439	jan20
XZ303	std Colsterworth, ex std MPSU	1539	jan20
XZ311	std Colsterworth, ex std MPSU	1578	jan20
XZ334	StandardAero ex 667(D&T)sq	1673	aug19
XZ337	std Colsterworth, ex std MPSU	1677	jan20
XZ340	29(BATUS)Flt see note	1691	jan20
ZB671	returned to UK ex 29(BATUS)Flt	1958	jan20
ZB674	7Regt Conv Flt ex StandardAero	1967	jan20
ZB691	7Regt Conv Flt ex StandardAero	2006	jan20

The Gazelle helicopters at Colsterworth are stored with Whitham Special Vehicles. On 22 November 2019, XZ340 was transported by road from StandardAero at Fleetlands to Middle Wallop. There it was prepared to return into active service, and it was flown as air freight to Calgary (Canada) in January 2020. Gazelle ZB671 was subsequently returned to the UK, and it most likely ended up with StandardAero at Fleetlands.

Wildcat AH1

ZZ403	WZM	ex 1Regt	473	nov19
ZZ404	Leonardo	ex WST	474	nov19
ZZ410	Leonardo	ex 1Regt	480	nov19
ZZ410	1Regt	ex Leonardo	480	jan20

Fleet Air Arm (NY)

Merlin HM1

ZH823 to Denmark for spares, ex std EGOS **RN03** aug19
 On 19 August 2019, the following Merlin HM1 helicopters were stricken from the military register. All were last reported stored at QinetiQ Boscombe Down and can now be considered withdrawn from use permanently: ZH830, ZH838, ZH848, ZH849, ZH852, ZH858 and ZH863. On the same date also a pair of Merlin HC3 helicopters was struck from the



The Royal Air Force sent one of its Hercules C5 primary tactical transport aircraft to Amsterdam-Schiphol for a stop at the General Aviation area. The Hercules C5 is the Royal Air Force designation for the C-130J version and the type is based at RAF Brize-Norton. (Amsterdam-Schiphol, 21 February 2020, Robert Eikelenboom)



Tunisia is struggling with deadly jihadist attacks since its 2011 revolution. In 2016, the United States State Department approved the sale of 24 Bell OH-58D Kiowa Warrior helicopters to Tunisia at a total cost of \$100.8 million. The 2020's Aerospace & Defence Exhibition saw this mean looking OH-58D(R) registered L81520 and TS-VTR. (Djerba-Zarzis Airport, 06 March 2020, Jim Walg)

military register: ZJ117 and ZJ133/R.

Merlin HM2

ZH833	Leonardo	ex QinetiQ	RN13	jan20
ZH857	820NAS	ex 814NAS	RN37	nov19
ZH860	814NAS	ex 824NAS/(5)84	RN40	nov19
ZH862/(586)	824NAS	ex 814NAS	RN42	nov19

Merlin HC4

ZJ128/M	846NAS	ex 845NAS/M	RAF12	jan20
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Wildcat HMA2

ZZ378	Leonardo	see note	497	jan20
ZZ380	Leonardo	ex 815NAS	499	nov19
ZZ528	Leonardo	ex 825NAS	535	nov19
ZZ528	825NAS	ex Leonardo	535	jan20

The last report we had of ZZ378 dates back to 2 July 2019. On this date, the helicopter was moved by road from Leonardo at Yeovil to QinetiQ at Boscombe Down. The helicopter resurfaced back at Yeovil in January 2020.

Government (GV)

A109S

G-XXEC to Leonardo SpA, ex Queens Flt **22104** oct19
 Since 11 June 2014, this A109 was used by the The Queen's Helicopter Flight (RAF Odiham). On 18 October 2019, the helicopter was registered to Leonardo SpA in Roma (Italy) and it was flown to the Leonardo facility at Yeovil where it was seen several times throughout November 2019.

Asia

Afghanistan

Afghan Air Force (AF)

Already published in the December 2019 annual Report on Enhancing Stability and Security in Afghanistan, the US military will reduce the number of Black Hawks it plans to provide to the air force from 159 to 53, a two-thirds cut. The reduction is made based on a review of future operational requirements.

Is Afghanistan able to cope with the original large number of helicopters? Critics report that the air force is barely capable of absorbing and maintaining their existing fleet of helicop-

ters, including the ageing Russian Mi-17 transport helicopters. Given the fact that it takes substantial US support to maintain the Black Hawks that the air force already has, it doesn't seem feasible that they would be able to support that many Black Hawks without a significant contribution from NATO. Most probably that part is the main reason for the reduction.

In September 2017, as part of Afghanistan's four-year road map to double its 17,000-strong special forces units and bolster the air force, the US planned to provide Afghanistan with up to 159 refurbished UH-60A Black Hawk helicopters to replace its aging fleet of Russian Mi-17 transport helicopters. In the 2018 Fiscal Year, USD 814 million was designated to bolster Afghanistan's air force, including enough funding for 53 of the 159 Black Hawks. After 2018, the Defence Department will have to request additional funding each year for the remainder.

The additional budget requests for the coming years will be lower or will get a new destination for the Afghan military. The "new" number of Black Hawk helicopters exactly matches the first budget round. Next to the cut in Black Hawks, the US military also cut the number of armed fixed-wing Cessna AC-208 Eliminator attack and reconnaissance aircraft it originally planned to deliver from 32 to 10. According to the Scramble Magazine database, five AC-208 Eliminators are delivered, one of which has been positively identified.

Bangladesh

Bangladesh celebrated the 100th birthday of its Founding Father, Sheikh Mujibur Rahman, or 'Mujib', on 17 March. Also affectionately known as 'Bangabandhu', that means friend of Bangladesh. He was the first President of the fledgling country back in 1971. The celebrations saw, among other things, commemorative flights of fighter aircraft, eleven F-7s, two MiG-29s and four Yak-130s, over Dhaka forming the numerals 1-0-0, and by 22 PT-6s doing the same thing over Jessore. One of the C-130s is adorned with a large drawing of Mujib as well. All these festivities provided just one update so far...

Bangladesh Biman Bahini (AF)

PT-6
2716 11sq f/n mar20
This is the eighteenth serial of the latest batch noted. It is tempting to assume that there are 24 and they run in order... Highest serial noted so far is 2723. As you may be aware, the type is still being produced albeit at a very slow pace.

Bangladesh Army (AR)

The army created an Army Aviation School at Lalmonohirhat. There are new buildings, a hangar and a helipad. It is unknown if any of the helicopters or Ce152s will be based there.

Border Guard Bangladesh (BG)

Mi-171E
S3-DNM BGB f/n feb20
Two were delivered mid-January and this one was seen flying over Dhaka in February. The contract was signed 7 May last year. The aircraft are in green, light grey and medium green/blueish colour scheme with red 'BGB' titles. Until now, they had borrowed aircraft from the Army Aviation Group. The requirement is to eventually have a force of twelve helicopters on strength.

China

People's Liberation Army Air Force (AF)

J-11B
70006 89th Brigade photo
70206 89th Brigade photo

J-16
... **0604** photo

A picture has been published of this J-16, the first one known of the sixth batch. It is believed that each previous batch contained up to 24 aircraft, so well over 100 aircraft have been produced. Brigades now flying the J-16 include 3rd, 7th, 40th, 98th, 172nd and 176th Brigades.

JL-9
3620 Xi'an FA/2nd Brigade mar20
3922 Xi'an FA/2nd Brigade mar20
3821 Xi'an FA/2nd Brigade mar20
3620 Xi'an FA/2nd Brigade mar20

Y-7-100
51518 ETC/Transport & SAR Brigade **1308?** mar20

Y-7G
55015 CTC/Transport & SAR Brigade mar20

Y-9
10655 4th Div/13th Reg. **551801** mar20

Y-12D
6213 15th ABC photo

Z-8K
51712 ETC Transport & SAR Brigade ex 30872 **Z8K12** feb20
People's Liberation Army (AR)

HC-120
LH907325/25 Flight Training Base/ Training Regiment photo
LH907380/80 Flight Training Base/ Training Regiment photo

Z-8G
LH982836 121st Brigade photo

Z-9WZ
LH962903 79th Brigade mar20

Z-11
LH907312/12 Flight Training Base/ Training Regiment photo
LH908321/21 Flight Training Base/ Training Regiment photo

People's Liberation Army Navy (NY)

JL-9G
57 Naval Av. University/3rd Regiment mar20
59 Naval Av. University/3rd Regiment feb20

JL-9H
33 NATB/2nd Regiment ex 81373? feb20
42 NATB/2nd Regiment ex 81472? feb20

Some JL-9Gs and JL-9Hs flying with the Naval Aviation University and Naval Aviation Training Base respectively, are now using a two-digit serial, instead of the 83x0x and 81x7x serials. Unfortunately, this could be the new way the navy is presenting its serials.

KJ-500H
81031 3rd Division photo

India

Bharatiya Vayu Sena (AF)

On 16 March 2020, the first air force Tejas LCA Mk1 FOC (Final Operational Clearance), serial LA5021 (construction number **SP-21**), took to the skies from HAL airport in Bengaluru (state of Karnataka) for a 40-minute flight. It is reported that the maiden flight, piloted by HAL Chief of Test Flying Air Commodore K.A. Muthanna (retd.), proved to be successful.

This is the first FOC variant of the Tejas LCA fighter aircraft produced. Its main features are the air-to-air refuelling probe, fuel system enhancement, Beyond Visual Range (BVR) mis-



The 2020's Aerospace & Defence Exhibition was taking place in the heart of the Gulf of Gabès in Djerba, Tunisia. The Tunisian National Guard or Garde Nationale, is a separate military force of Tunisia and is not part of the Tunisian Armed Forces. In its inventory is this Bell 429 Global Ranger, which carries the registrations G81103 and TS-QGC. (Djerba-Zarzis Airport, 05 March 2020, Ian French)



On approach to Tengah International Airport, Singapore is this 126 squadron AS332M1 with serial 287. (Tengah International Airport-Singapore, 13 March 2020, Hans Jacobs)

siles and an integral GSH 23 mm twin barrelled internal gun. This specific Tejas (serial LA5021) is destined for 18 Squadron 'Flying Bullets'. This unit will start at Sulur Air Force Station (state of Tamil Nadu), where they will work up on the new aircraft type next to the locally based 45 Squadron 'Flying Daggers'. After delivery of the final aircraft, LA5036 (c/n **SP-36**), the squadron will move to Srinagar Air Force Station (union territory of Jammu and Kashmir). The latter is planned for 2022.

The total order for the Tejas LCA Mk1 is 40 aircraft, 32 single seat Tejas LCA Mk1 and 8 dual seat Tejas LCA-T Mk1. According to the Scramble database the single seat aircraft are serialled LA5001 to LA5016 and LA5021 to LA5036. No dual seat Mk1 has been noted yet, but the eight aircraft perfectly fit in the gaps. Dual seat aircraft have a different use of the letters in the air force serial system. We assess that the serials most probably will be LAT5017 to LAT5020 and LAT5037 to LAT5040. Looking forward to the first sightings.

An-32RE

KA2675	12sq	ex K2675	01 10	feb20
KA2681	12sq	ex K2681	02 06	feb20
KA2682		ex K2682	02 07	dec19
KA2684	FWTF	ex K2684	02 09	dec19
KA2686		ex K2686	03 01	jan20
KA2691	FWTF	ex K2691, upgrade tbc	03 06	feb20
KA2694	48sq	ex K2694	03 09	dec19
KA2706	12s	q	ex K2706	05
01	dec19			
KA2715		ex K2715	05 10	dec19
KA2741		ex K2741, upgrade tbc	08 07	jan20
KA2744	FWTF	ex K2744, upgrade tbc	08 10	jan20
KA2750	12sq	ex K2750	10 07	jan20
KA2759	FWTF	ex K2759, upgrade tbc	12 05	feb20
KA2762	48sq	ex K2762	12 08	jan20

The aircraft marked as upgrade tbc do need confirmation on the upgrade to An-32RE.

Do228-202K

KD722	41sq	f/n		feb20
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AH-64E(I)

ZV4821	Boeing	f/n, N4821P		jan20
ZV4822	Boeing	f/n, N4822P		feb20

HPT-32 Deepak

X3236/236	Palam AFS	museum, ex std Dundigal		mar20
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MiG-27MU

TU591	Palam AFS	museum, ex 29sq		mar20
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Rafale EH

BS001	Dassault	f/f 21feb20		feb20
BS003	Dassault	f/n		mar20
BS004	Dassault	f/n		mar20

Because of the COVID-19 crisis, production of the Rafale has been halted.

Su-7BMK

B858	Palam AFS	museum, tail section only		mar20
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Most probably this tail section is repainted as it was previously seen as B909

Tejas LCA Mk1

LA5021	HAL	f/f 17mar20		SP-21 mar20
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Indian Army Aviation Corps (AR)

Dhruv Mk.IV Rudra

IA2140		f/n		jan20
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Bharatiya Nau Sena (NY)

On 4 March 2020, the first Boeing P-8I Neptune, the Indian Navy name for the Poseidon, with Dabolim markings was photographed at Boeing Field (WA). The aircraft, serial IN328 and civil test registration N490DS is the first aircraft of the second batch, and will be operated by INAS315 "Winged Stal-lion" at Goa/Dabolim, also known as INS Hansa, on the west coast.

INAS315 currently operates the Ilyushin Il-38SD May from INS Hansa. These great-looking aircraft will be replaced by the Boeing P-8I. In total the Indian Navy ordered eighteen Neptunes, with some more aircraft as option. The other Neptune unit, INAS312 "Albatross" (coded ARK) already operates the aircraft since May 2013 out of Arkonam, also known as INS Rajali, on the east coast, when they started to replace the Tupolev Tu-142MK-E Bear.

Most probably the INS Hansa based aircraft will first be operated by INAS315A, a special unit within INAS315, until the Ilyushin Il-38SDs will be withdrawn from use. After that, the unit will be renumbered to INAS315. The same procedure was followed with INAS312 at Arkonam.

Do228-201

IN257	INAS313	f/n		feb20
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P-81
IN328/DAB Boeing N490DS **64890/7757** mar20
Bharatiya Thatrakshak (CG)

Do228-101
CG761 CGAS747 ex CGAS700 **3021** feb20

Japan

Nihon Koku-Jieitai (AF)

After almost 59 years of continuous operations, 501 Hikotai stopped flying on 9 March 2020. This means all recce-Phantoms were retired on this date. The first ever RF-4E 47-6901, delivered in November 1974, was also the last recce-Phantom landing at Hyakuri. It received a water-salute by the local fire brigade upon entering the 501 Hikotai platform, before parking next to the other five aircraft. After all photo sessions and celebrations were over, all six aircraft were towed inside the 501 Hikotai hangar and the doors were closed. Hopefully a few will survive and be preserved somewhere, possible candidates Hamamatsu (JASDF museum), Matsushima and Iruma (both former 501 Hikotai bases). However, in the weeks prior to the last flight, several lorries were seen leaving Hyakuri with large pieces of recce-Phantoms, the remnants of aircraft retired earlier. The official disbandment took place on 26 March, when in a special ceremony the 501 Hikotai squadron-commander handed over the squadron flag to a higher echelon JASDF official. It is not sure if 501 Hikotai has been disbanded permanently. There are two possible options to resurrect 501 Hikotai. There are plans to establish a new additional fighter hikotai or it could be the name for the future Global Hawk unit at Misawa.

Japan will probably choose the US as its partner to develop the Mitsubishi F-2 replacement, however not ruling out sharing technology with UK companies. Top priority is developing mission systems used for controlling radar, sensors and electronic warfare gear locally, so that Japan can freely modify and upgrade all systems itself. This is to prevent the outcome of the F-2 development where the US took over, resulting in the US not disclosing sensitive design details to Japan, thus hampering further F-2 upgrades and modifications.

302 Hikotai at Misawa has started to apply squadron badges on its F-35A aircraft. Although of course not full colour, it is better than nothing and hopefully this will continue to give us the opportunity to monitor the fleet at hikotai level.

F-2A 13-8562 was the last 3 Hikotai F-2 leaving Misawa and

arriving at Hyakuri on 25 March. It was waved off by members of the remaining resident units. On the afternoon of 25 March, 16 F-2s were seen at Hyakuri, parked on the 3 Hikotai apron. The next day was the official unit-flag ceremony where 3 Hikotai formally became part of 7 Kokudan.

RJNA = Nagoya/Komaki	RJSN = Niigata
ADC = Shireibu Hikotai	ADTW = Hiko Kaihatsu Jikkendan
AGG = Hiko Kyodogun	ARS = Kyunantai
ARW = Koku Kyunandan	EWOG = Denshi Sakusengun
FCG = Hiko Tenkentai	FTS = Kyoiku Hikotai
FTW = Hiko Kyoikudan	

F-2A

13-8513	3 Hikotai	standard c/s	1013 mar20
43-8527	6 Hikotai	ex IRAN	1027 feb20
73-8542	o/h RJNA	nb, ex 6 Hikotai	1042 mar20
73-8543	o/h RJNA	nb, ex 6 Hikotai	1043 feb20
03-8556	o/h RJNA	nb, ex 3 Hikotai	1056 mar20
03-8559	o/h RJNA	nb, ex 3 Hikotai	1059 mar20

F-2A 513 had the 'Many thanks MISAWA' markings applied.

F-2B

33-8121	3 Hikotai?	nb, ex 6 Hikotai	3021 mar20
43-8128	6 Hikotai	ex 3 Hikotai	3028 mar20
53-8130	8 Hikotai	prev. l/n may18	3030 mar20

F-2B 121 was seen at Hyakuri without squadron badge so we think it has been transferred to 3 Hikotai.

RF-4E Kai/RF-4EJ Kai

47-6901	501 Hikotai	wfu 9mar20	4551 mar20
47-6903	501 Hikotai	wfu 9mar20	4574 mar20
57-6907	501 Hikotai	wfu 9mar20	4603 mar20
57-6909	501 Hikotai	wfu 9mar20	4616 mar20
67-6380	501 Hikotai	wfu 9mar20	M080 mar20
07-6433	501 Hikotai	wfu 9mar20	M133 mar20

F-15DJ

32-8059	o/h RJNA	nb, ex 23 Hikotai	819? mar20
32-8084	o/h RJNA	nb, test, ex 23 Hikotai	mar20
92-8095	AGG	ex 303 Hikotai	mar20

F-15DJ 095 is an all-time favourite of the aggressor unit as it once again joined their ranks. It now has a dark grey/orange camo pattern.

F-15J

42-8837	o/h RJNA	nb, ex 303 Hikotai	037 mar20
82-8896	303 Hikotai	ex IRAN	096 mar20
82-8897	303 Hikotai	ex nb/IRAN	097 mar20
12-8928	o/h RJNA	nb, ex ADTW	128 mar20
52-8952	201 Hikotai	ex 306 Hikotai	152 mar20

As predicted in the previous Scramble, F-15J 897 became a



No doubt that 145 squadron is the operator of F-16D-52+ 671, seen here on approach to Tengah International Airport on 13 March 2020. The Viper is in desperate need of a good paintjob as it is still showing traces of the special scheme that was once applied to it. (Tengah International Airport -Singapore, 13 March 2020, Hans Jacobs)



The third AW139 on order by the Dubai Police has started test flying from the Leonardo Helicopter plant at Vergiate in January 2020. The helicopter has been allocated temporary test registration I-EASM and made an ILS approach at Venegono on 29 January 2020 on one of its first test flights. The AW-139s will replace a similar number of A-109K2s in use by the Dubai Police since late 1995. After delivery the Dubai Police will fly this AW139 as DU-203. (Venegono, 29 January 2020, Marco Muntz)

303 Hikotai asset and not 306 Hikotai.

F-15J Mod.

92-8907	306 Hikotai	ex nb/IRAN	107	mar20
22-8940	306 Hikotai	ex nb/IRAN	140	mar20

And 940 indeed joined 306 Hikotai instead of 303 Hikotai.

CH-47J

77-4497	ARW	ex IRAN	5083	mar20
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Was seen visiting Komaki so could be Iruma based.

T-4

06-5626	32 FTS	ex IRAN? 8 Hikotai	1026	mar20
06-5647	o/h RJNG	nb, ex 13 FTW	1047	mar20
16-5661	31 FTS	ex IRAN	1061	mar20
16-5663	11 Hikotai	Blue Impulse, ex IRAN	1063	mar20
66-5745	ex 11 Hikotai	to Hamamatsu	1145	mar20
76-5752	21 Hikotai	ex nb/IRAN	1152	mar20
76-5752	ex 21 Hikotai	nb, to Ashiya	1152	mar20
76-5757	o/h RJNG	nb, ex ADC	1157	feb20
06-5790	11 Hikotai	Blue Impulse, ex IRAN	1190	mar20

We now know the reason for the massive number of Blue Impulse T-4s. Eleven Blue Impulse T-4s (and one 21 Hikotai T-4) flew a formation over Matsushima during a welcoming ceremony for the Olympic flame. The flame arrived in a JAL B787 at Matsushima airbase on 20 March. A few days after the ceremony, 66-5745 was ferried to Hamamatsu and we think it has been withdrawn from use. Also the 21 Hikotai T-4 76-5752, which was used a photo-platform during the ceremony left Matsushima.

T-7

56-5923	11 FTW	nb, ex IRAN	23	mar20
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U-125A

52-3003	RJSN ARS	ex IRAN	258250	mar20
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Although adorned with Nyutabaru rescue unit's 60th anniversary markings, this aircraft actually carries the Niigata name on the sticker below the ARW badge.

U-680A

LN-NSM/031	for FCG	at Iruma	680A-0140	mar20
LN-SUA/032	for FCG	at Iruma	680A-0185	mar20

Both aircraft arrived at Tokyo-Narita in full Flight Check Group colours and the last three of the future serial on the nose on 20 March. The next day both were ferried to Iruma. In JASDF service they will receive serials 02-3031 and 02-3032.

YS-11EB

12-1161	EWOG	ex IRAN	2160	mar20
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Rikujo Jieitai (AR)

Probably all remaining OH-6Ds arrived at Kasumigaura during March. They will probably enter the Kanto Depot for storage. A ceremony took place outside the hangars at Kasumigaura with no less than 15 OH-6Ds parked on the apron and a placard celebrating OH-6D and OH-6J operations between 1969 and 26 March 2020.

RJAK = Kasumigaura

RJOE = Akeno

RJTU = Utsunomiya

AH-1S

73453	SK	ex no code, IIIATH	53	mar20
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This Cobra did not join 4 Taisensha Herikopotutai as we presumed.

OH-1

32602	TE	active RJOE	1002	mar20
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UH-1J

41871/II	2 Hikotai	w/o 7feb20	1J71	jun19
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OH-6D

31302	XIIH	retired 6mar20?	6756	mar20
31305/IHB	RJAK	wfu, for storage?	6759	mar20
31306/XIII	RJAK	wfu, for storage?	6760	mar20
31307/IV	RJAK	wfu, for storage?	6761	mar20
31310/IV	RJAK	wfu, for storage?	6764	mar20
31313/XIIH	RJAK	wfu, for storage?	6767	mar20

CH-47JA

52966	XIIH	nb, ex IRAN	5069	mar20
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AH-64DJP

74507	o/h RJTU	test, ex IIIATH	JP007	mar20
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AS332L

00001/ST	ex store	sold as ZK-HRP	2162	may09
00003/ST	ex store	sold as ZK-HPX	2125	may09

Kaijo Jieitai (NY)

RJNA = Nagoya/Komaki

nmks = no tail unit-number

SH-60K

8448	o/h RJNA	ex 22 Kokutai	5048	feb20
8465	Mitsubishi HI	f/n, test at Nagoya	5065	mar20
8466	Mitsubishi HI	f/n, test at Nagoya	5066	mar20

P-3C

5034	2 Kokutai?	nmks, ex IRAN	9031	mar20
5070	2 Kokutai	ex 5 Kokutai	9067	mar20
5081	o/h Nippi	nmks, ex 2 Kokutai	9078	mar20
5101	2 Kokutai	ex 5 Kokutai	9098	mar20

P-3C 5034 was seen landing at Hachinohe.

US-2
9907 71 Kokutai ex Shin Maywa **4007** mar20

Kaijō Ho'an-chō (CG)

Falcon 2000MSA
JA574A/MAJ574 11th Region commissioned **345** mar20
Because of its name Chiyurataka, we know it is operated by Naha based 11th Region. Is this the third Falcon 2000MSA for the unit (replacing two Falcon 900MSA) or has one of the other two been transferred to 7th Region?

Laos

Laos People's Liberation Army Air Force (AF)

Mi-172
RDPL-34240 all white aug19

Myanmar

Tamdaw Lay (AF)

A-5C
1510 f/n feb18

Mi-17
6608 f/n nov16
... w/o 06mar20

Mi-171
6619 f/n dec15

MiG-29SE
2734 f/n mar18

S2R-T65
2401 Yangon drug elimination museum mar16

W-3
6502 f/n **330322** oct16

Pakistan

Pakistan Fiza'ya (AF)

The CN235s that used to be with 6sq are transferred to newly erected 52sq 'Markhors', also based at Nur Khan. This may mean they will be expanding their fleet.

Three Saab 2000s will be inducted this year. Two of them will be equipped with the Erieye roof-mounted radar. We do not know if these will be conversions of airframes already obtained or that 'new' ones are involved.

JF-17
18-251 16(MR)sq del mar20
18-256 PAC Kamra fcs, FY confrmation oct19
... PAC Kamra f/n, primer **2P61** feb20

It has been reported that 2P60 will be the first one for Nigeria, it was also seen in primer in February.

JF-17B
19-605 PAC Kamra f/n, fcs feb20

Mi-17-1V
15-017 f/n mar17 dolphin nose, ramp feb20
Surprise and enigma, this is a different subtype as the air force only operates the Mi-171Sh whereas this looks like a Kazan-built Mi-17-1V! It may have been acquired from the Army as it is also in the desert colour scheme used by them.

Mirage 5PA
70-409 15(TA)sq f/n dbase mar20
Pakistan Bharia (NY)
OPSF = Karachi/Shara-e-Faisal - PNS Mehran

Lynx HAS3GM
21 pres PNS Karsaz ex std OPSF **001** feb20

Philippines

Pilipinas Hukbong Himpapawid (AF)

According to @DefenseStudies, PTDI-president-director Elfen Goentoro has indicated that the Philippines is targeted for an order for six NC212i's.

South Korea

Dae Han Min Guk Gong Gun (AF)

F-4E
60-505 10 FW/153 FS active **4978** feb20
Confirmation of its continuous existence thus giving us 25 Phantoms seen operational in the past year. Two more have last notes from October 2018.

KF-5F
10-607 10 FW/201 FS ex 101 FS **KF1014** feb20

Thailand

Royal Thai Air Force (AF)

T-50TH
KhF2-9/63/40109 401sq
KhF2-10/63/40110 401sq

On 25 February again a Korean Cargo B747-400 (HL7602) landed at U-Tapao. As was the case with the previous last three visits it can be assumed that another two T-50TH were being delivered, this time number 9 and 10. The serials are still to be confirmed. Two more T-50s are on order and another two are likely to be ordered soon.

Royal Thai Army (AR)

UH-60A
3688 o/o ex N160CJ, 82-23688 **70511**
See Scramble 490: this is the second Black Hawk out of three identified that arrived by sea at Laem Chabang Harbour 9 February, for onward transport to Lopburi.

Police (PO)

Bell 429
3209 ex N13BH 6mar20
3210 ex N8625B 10mar20

The helicopters flew Hat Yai - Ram Inthra on the given dates on delivery, still with the US test serial taped on the helicopters.

KASET (GV)

According to @DefenseStudies, PTDI-president-director Elfen Goentoro has presented its export ambitions for the near future to parliament. Commenting on the recent deliveries to KASET in Thailand, Elfen told IPTN is currently involved in the acquisition process for more NC212i's.

Vietnam

Khong Quân Nhân Dân Viet Nam (AF)

MiG-21bis
5286 pres Dong Loc f/n database mar18

AD-6
134631 pres Dong Loc f/n database **9860** mar18

Both aircraft are preserved at Dong Loc Junction, a strategic road T-junction at the beginning of the Ho Chi Minh trail, which was extensively bombed by American forces during the Vietnam War. The AD-6 Skyraider is preserved as 'United States Navy 134631' and belonged to the former South Vietnam Air Force.

Latin America

Argentina

Fuerza Aérea Argentina (AF)
SAZT = Tandil, BA

M5 Dagger T
C-438 pres El Cóndor ex std SAZT mar20
It is at a Malvinas monument in Balneario el Condor, Río Negro province since May 2019, S41.05905, W62.83964.

Lj35A
T-26 GA2 dam 03dec19 **35A-369**
It seems to be damaged beyond repair after a bird strike and if it is withdrawn, it is designated to go to the Museo Nacional



Also taken at this year's Kuwait Aviation Show is this Kuwait Police EC135T1, KMOI-02, in beautiful desert camo. Already 19 years old but still going strong. (Kuwait International Airport, 17 January 2020, Raymond van Dijkhuizen)

de Aeronáutica in Morón.

Comando de Aviación de Ejército Argentino (AR)

GEZ = General Rodriguez/Ildelfonso Durana, BA

SADO = Campo de Mayo, BA

OV-10

AE-026	std GEZ	ex std SADO	6D	jan20
AE-027	std GEZ	ex std SADO, l/n mar14	24B	jan20
AE-029	std GEZ	ex std SADO	24D	jan20
AE-038	std GEZ	ex std SADO	17D	jan20

In total five forward fuselages were seen stored inside a hangar at Gral.Rodriguez airfield on their way to the USA.

Bolivia

Fuerza Aérea Boliviana (AF)

Zlin 242L

FAB-518 ColMilAv w/o 21mar20 **0827**

Brazil

Força Aérea Brasileira (AF)

C-95A

2287 std MUSAL ex EEAR **110168** dec19

It is stored in an open shed south of the main museum hangars since at least April 2017, along with Xavante 4499 and Huey 8683.

U-100 (EMB500)

3701 6°ETA c/n update **50000414**
3702 6°ETA c/n update **50000416**

Comando da Força Aeronaval (NY)

UH-17

N-7091 HU-1 c/n update **1247**

Chile

Fuerza Aérea de Chile (AF)

SCCI = Punta Arenas/Pres. Carlos Ibanez del Campo/BA Chabunco

SCDA = Iquique/Diego Aracena/BA Los Cóncores

A-36 (C101BB)

404 pres SCDA ex Grupo 1 **BB02-5-66** sep19

It has been preserved on base since at least September 2016.

A-37B

601 pres SCCI since feb14, ex Gr.12 **43448** mar20

Pantera (Mirage 50CM)

513 pres SCCI since feb14, ex Grupo 4 dec19

Colombia

Fuerza Aérea Colombiana (AF)

The competition to replace Colombia's aging Kfirs is gathering momentum. Several bidders are pitching their offers publicly, like SAAB, the Eurofighter consortium, and Lockheed-Martin. The last two also offer second-hand aircraft, former Spanish Typhoons and former USAF F-16s respectively, in addition to the new-built Typhoon Tranche 3 and F-16V Block 70/72.

F28F

FAC4461 Tocancipa f/n, MUSAEC **802** jan20

One of the elusive Enstroms has been added to the collection of the air force museum, which makes for a welcome addition!

UH-1H-II

FAC4420 ESCAA 412 w/o 27feb20 **11234**

Policía Nacional de Colombia (PO)

The Colombian police will receive six additional Bell 407s in the 2020-2022 timeframe.

Costa Rica

Servicio de Vigilancia Aérea (PO)

Beech G58

MSP015 SVA f/n nov19

The MSP re-uses its serials, the former bearer being a PA-23.

Beech 2000GT

MSP002 SVA f/n, with serial **BY-349** dec19

Another re-used serial that was previously used on a Caribou.

Honduras

Policía Nacional de Honduras (PO)

Bell 206B-3

HR-PNV	as PNH-101	re-registered	4507	
HR-PNW	as PNH-102	re-registered	4509	
PNH-101		f/n, ex HR-PNV	4507	jun19
PNH-102		f/n, ex HR-PNV	4509	nov19

Panama

Servicio Nacional Aeronaval (CG)

UH-1H-II

AN-114		f/n, ex DOSAW		feb20
AN-117		f/n, ex DOSAW		feb20

On 28 June 2019, six of these were taken over from the US Dept of State Air Wing. These are the first sightings with SENAN-serials.

Uruguay

Fuerza Aérea Uruguaya (AF)

C-29 (BAe125-700A)

500	EA3T	for sale	257071	
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The new Defence Minister has put their VIP/ambulance aircraft up for sale. It has seen limited use as ambulance aircraft, a task that can also be performed by the former Portuguese C212 at a fraction of the cost.

Venezuela

Guardia Nacional Bolivariana (PO)

Beech B200

GNB-77149	GNB	c/n update	BC-30	
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This makes it the former C-12C 76-22554 that became N1553, cancelled 15 October 2018.

Middle East

Israel

Heyl Ha'Avir (DF)

After a lengthy internal debate, Israel decided to buy another squadron of F-35Is and another squadron of F-15IAs. Besides an order for new F-15IAs, Israel will upgrade its existing fleet of F-15Is to the level of the F-15IA. This will mean that both types of aircraft will grow with 25 aircraft. Next to this order, Israel ordered eight KC-46 tanker aircraft. When the aircraft will be delivered is not known yet. Besides this the discussion about a replacement for the S-65 Yas'ur 2025 is still going on

with rumours stating that there is no money for the MV-22B.

B707 Phalcon

246/4X-JYS	ex 120sq	stored	20230/819	feb20
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C-130E Karnaf

309/4X-FBC	ex 103/131sq	stored	3943	feb20
310/4X-FBG	ex 103/131sq	stored	3993?	feb20
314/4X-FBI	ex 103/131sq	stored	3840	feb20

C-130H Karnaf

208/4X-FBP	ex 103/131sq	stored	4533	feb20
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CH-53A Yas'ur 2000

981	Ovda	stored	65-107	feb20
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F-35I Adir

924	for Manat	f/f Fort Worth	AS-15	mar20
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KC707 Re'em

140/4X-JYT	ex 120sq	stored	17625/99	feb20
248/4X-JYU	ex 120sq	stored	20429/846	feb20

Raytheon A36 Chofit

301	ex 135sq	sold as N136EU	E-3588	mar20
318	ex 135sq	sold as N236EU	E-3596	mar20
353	ex 135sq	sold as N336EU	E-3609	mar20
360	ex 135sq	sold as N436EU	E-3612	mar20
399	ex 135sq	sold as N536EU	E-3616	mar20

North America

United States

Joint US Forces (JF)

Boeing was awarded a USD 800 million advanced acquisition modification to a previously awarded fixed price contract on 6 March 2020. This modification is for the support of eighteen Lot 11 Boeing P-8A Poseidon production and delivery. The purpose of this contract modification is to procure long-lead material and activities. This Lot comprises eight aircraft for the United States Navy (USN), four for the Royal New Zealand Air Force (RNZAF), and six for the Republic of Korea Navy (RoKN). Previously Lot 11 had six aircraft allocated for the USN. The P-8 is currently operated by the United States Navy, the Indian Navy, Royal Australian Air Force (RAAF) and the UK's Royal Air Force (RAF). It has also been ordered by the Royal Norwegian Air Force (RNoAF), and, as described above, by the RNZAF and RoKN.

With the delivery of F-35A 18-5343/VT to the Vermont Air National Guard, Lockheed Martin delivered the 500th F-35 Aircraft Simultaneously, the Lightning II surpassed the



On 16 January 2020 Raymond van Dijkhuizen managed to take this ramp shot of KMOI-08. The H225 with c/n 3014 was delivered in February 2018. (Kuwait International Airport, 16 January 2020, Raymond van Dijkhuizen)



The Kuwait Aviation Show managed to show some very nice aircraft we normally don't see in Europe. This DHC-6-400 was delivered by Viking Air Limited to the Special Forces Skydiving team in 2019. Full registration is A7-MAR but in line with most of the Qatar Air Force, only the last three letters of the registration are carried on the plane. (Kuwait International Airport, 15 January 2020, Raymond van Dijkhuizen)

250,000 Flight Hours milestone mark in total. The 500 F-35s include 354 F-35As, 108 F-35Bs, and 38 F-35Cs for the United States and international customers. The 250,000 flight hours include all F-35s in the fleet comprised of developmental and test aircraft, training, operational, US and international aircraft. The F-35 operates from 23 bases worldwide. More than 985 pilots and over 8,890 maintainers are trained. Nine nations use the F-35 from their home soil, eight services have declared Initial Operating Capability, and four services have employed F-35s in combat operations. At this moment it is not known what will happen with the intended Turkish Air Force F-35s. As Turkey had to withdraw from the F-35 project, four are now stored at Luke AFB (AZ) and two are stored at Lockheed Martin's plant at Fort Worth (TX). For the remainder of the original Turkish aircraft, Lockheed Martin started delivery of these Lightning IIs to the USAF.

On 26 February 2020, Sierra Nevada Corp. (FL) was awarded a contract worth USD 129 million for two A-29 Super Tucanos. The duo will be manufactured at Jacksonville (FL), and will be delivered by 23 August 2024. This award is the result of a sole-source acquisition from Fiscal Years 2018 and 2019 production funds. Besides the A-29B, the USAF will also buy the Textron Aviation AT-6B Wolverine for their Special Operations Command at Hurlburt Field (FL). The A-29Bs will be used to "develop an instructor pilot programme for the Combat Aviation Advisory mission, to meet increased partner nation requests for light attack assistance". The AT-6Bs will first go to Air Combat Command at Nellis AFB (NV), for "continued testing and development of operational tactics and standards for exportable, tactical networks that improve inter-operability with international partners", according to the USAF press release. The A-29B contract was already expected late 2019 but was apparently a little delayed. The AT-6B contract is expected early this year too.

United States Air Force ([AF])

The US Air Force named its newest combat rescue helicopter, the Lockheed Martin's Sikorsky Aircraft Corp. HH-60W, the "Jolly Green II," following the legendary tradition of the Vietnam-era HH-3E Jolly Green and HH-53 Super Jolly Green crews who pioneered the combat search and rescue mission. Secretary of the Air Force Barbara M. Barrett revealed the name on 27 February 2020. The primary mission of the 108 planned HH-60Ws of the USAF will be conducting day and night combat search and rescue operations into hostile environments to recover isolated personnel during war.

The HH-60W, that replaces the HH-60G Pave Hawk, will also be tasked to perform military operations other than war, including civil search and rescue, medical evacuation, disaster response, humanitarian assistance, security cooperation/aviation advisory, NASA space flight support, and rescue command and control. The first two units to be fielded with the Jolly Green II will be the 41st Rescue Squadron at Moody AFB (GA) and the 512th Rescue Squadron at Kirtland AFB (NM).

Late February 2020, Lockheed Martin - Sikorsky received a USD 500 million contract for twelve additional HH-60W Jolly Green II Lot 2 Combat Rescue Helicopters (CRH). The second Low Rate Initial Production (LRIP) contract follows the LRIP-I for ten aircraft assigned in September 2019. Currently seven Jolly Green IIs are in flight within the US Air Force test programme. The first one, serial 14-4481, flew for the first time 17 May 2019. The CRH programme calls for 113 HH-60Ws to replace the HH-60G Pave Hawks. A total of nine aircraft will be built at Sikorsky's Stratford (CT) facility during the Engineering & Manufacturing Development (EMD) phase - four EMD aircraft and five System Demonstration Test Articles (SDTA).

BAE Systems is working with L3 Technologies to transform the EC-130H's "Compass Call" capabilities onto a Gulfstream EC-37B aircraft. The modified special-mission Gulfstream G550 business jet was slated to become operational with the US Air Force within a few years. Recently, the US Department of Defence gave away the Fiscal Year (FY) 2021 budget estimates. More became known about USAF's EC-37B expectations for the future. Already in Fiscal Year 2017, the "Compass Call" re-hosting programme was initiated to begin the transition to the EC-37B platform. Re-hosting efforts onto the EC-37B consist of the purchase of new aircraft plus the re-use of legacy EC-130H Prime Mission Equipment (PME) hardware upgraded to the latest baseline. The first re-host baseline will be Baseline 3 and will be installed on the first five aircraft. The remaining five aircraft will be procured and modified to host Baseline 4. The FY21 budget request is the first year that a Baseline 4 EC-37B will be procured.

However, all the above now seems in doubt. On 10 March 2020, a senior Air Force acquisition official referred to the aircraft as if Gulfstream would shut down the G550 production line. Although no official Gulfstream announcements have been made, there is a possibility that the production line will close. Almost eighteen years ago, on 18 July 2002,

the first production G550 took off on its maiden flight. Multiple options are now envisaged. The USAF is already discussing workarounds, such as acquiring a mixed fleet of new and used G550s for the EC-37B. In 2019, the Royal Australian Air Force ordered four modified G550s, to be designated the MC-55A Peregrine in RAAF service. These aircraft are already built but are waiting for the mission equipment. Gulfstream G550 Electronic Warfare aircraft are already operated by Israel, Italy and Singapore. The US Navy operates one NC-37 as an EW- testbed.

On 10 March 2020, the first F-35A Lightning II for the 356th Fighter Squadron, 354th Fighter Wing at Eielson AFB (AK) was sighted at Lockheed Martin's plant Fort Worth (TX). Marked as the '354OG' flagship, Lightning 18-5345/AK has now (for yet unknown reasons) black tail markings applied (all other earlier F-35s have grey markings). The 356th Tactical Fighter Squadron flew the A-10 Thunderbolt II from Myrtle Beach AFB (SC). The squadron was inactivated 10 June 1992. The squadron was reactivated as 356th FS again on 10 October 2019 at Eielson Air Force Base (AK), to be equipped with the F-35A Lightning II.

A-10C	81-0983/DM 82-0659/DM	Ogden ALC Ogden ALC	ex 354th FS ex 357th FS	A10-0678 A10-0707	feb20 feb20
B-52G	57-6499	309th AMARG	ex DM AFB (AZ)	464204	jan20
C-17A	92-3292	758th AS	ex 437th AW	50016/F015/P12	mar20
KC-46A	16-46015 18-46050	133rd ARS 133rd ARS	new delivery new delivery	1114/VH015 /1184	mar20 mar20
AC-130U	89-1052 90-0166	309th AMARG 309th AMARG	ex 4th SOS ex 4th SOS	382-5199 382-5261	jan20 jan20
C-130H	89-1181 89-1183 89-1184	154th TRS 154th TRS 154th TRS	ex 158th AS ex 144th AS ex 144th AS	382-5188 382-5192 382-5193	oct19 oct19 oct19
C-130J	11-5734	327st AS	ex 61st AS	382-5734	mar20
EC-130H	64-14862/DM	309th AMARG	ex 43rd ECS	382-4089	jan20

73-1586/DM	309th AMARG	ex 55th ECG	382-4548	jan20
73-1588/DM	309th AMARG	ex 41st ECG	382-4550	jan20
73-1594/DM	309th AMARG	ex 55th ECG	382-4563	jan20
73-1595/DM	309th AMARG	ex 55th ECG	382-4564	jan20
MC-130J				
10-5714	17th SOS	ex 67th SOS	382-5714	jan20
14-5793	17th SOS	ex 9th SOS	382-5793	mar20
KC-135R				
62-3500	197th ARS	ex no markings	18483/T0551	mar20
63-8029	465th ARS	ex 141st ARS	18646/T0685	mar20
E-3B				
75-0560/AK	552nd ACW	ex 962nd AACs	21250/916	feb20
E-3G				
78-0576/OK	960th AACs	ex 964th AACs	21752/937	feb20
F-15C				
83-0014/WA	WR AFB, GA	ex 433rd WPS	861/C274	jul19
F-15E				
86-0186/SJ	334th FS	ex 333rd FS	1015/E004	mar20
87-0205/SJ	334th FS	ex 336th FS	1070/E045	mar20
F-16CM				
89-2090/WA	16th WPS	ex 162nd FW	1C-243	sep19
F-35A				
18-5345/AK	354th FW	first noted	AF-237	mar20
MQ-9				
04-4011	to USMC	ex 42nd ATKS	PB-011	
T-6A				
05-3810/XL	85th FTS	ex 434th FTS	PT-365	feb20
T-38A				
67-14845/MM	13th BS	ex 394th CTS	T6041	feb20

United States Army (AR)
The United States Department of Defence (DoD) announced a follow-on order for fifteen UH-72A Lakota helicopters for the US Army on 4 March 2020. The contract is valued at \$122.66 million. This is modification P00012 to contract W58RGZ-18-C-0007. The press release states that FY18 aircraft procurement funds are used for this purchase. All helicopters are to be delivered by 31 August 2022.

Another aviation contract was awarded on 10 March 2020. On this date, Lot 44 of multi-year contract IX (W58RGZ-17-C-0009) was awarded to Sikorsky for \$525,371,067. It calls for production and delivery of thirty-eight UH-60M Black



Joost de Wit visited the Aviation Nation Airshow, held at Nellis AFB (NV) on 17 November 2019. One of many aircraft he photographed was F-35A 17-5271/OT of the local 422nd Test and Evaluation Squadron.



Pictured returning from a test-flight with call-sign 'Lightning 21', F-35A 18-5345/AK will soon join the 356th FS, part of 354th FW at Eielson AFB (AK). It is marked for the 354th OG. (NAS Fort Worth (TX), 10 March 2020, Matt Ellis)

Hawks for the US Army, and two additional examples in standard configuration for an undisclosed Foreign Military Sales (FMS) customer. The funds are taken from special FY10 and FY20 budgets. The Lot 44 helicopters are due to be delivered before 30 June 2022.

It became known that A(-)/52nd AVN at Seongnam AB (South Korea) was reflagged in January 2019. The new unit designation is E(-)/52nd AVN. Also the unit's detachment in Japan has been reflagged: Det.1 A/52nd AVN became Det.1 E/52nd AVN.

A change which we totally missed. Assault Helicopter Battalion (ASH) 1-207th AVN from Alaska ARNG has been reformed into a General Support Battalion (GSAB). The unit previously was only equipped with UH-60L Black Hawks. Boeing CH-47F Chinooks replace the Black Hawks with Bravo Company. The unit's first Chinook mission was performed on 15 March 2019. Montana ARNG (B(-)/1-189th AVN) supported the conversion by providing instructors for both air and ground crew training on the CH-47F.

Both Bell and Sikorsky/Boeing have been selected by the US Army to continue in the Future Long-Range Air Assault (FLRAA) programme. Under this name, the US Army is looking for a future replacement of the UH-60 Black Hawk. Bell is pitching the V-280 Valor and Sikorsky-Boeing the SB01 Defiant. Both will now continue to refine their designs and enter into a fly-off competition. The US Army is planning to field the first FLRAA unit already in 2030.

The Initial Operational Test & Evaluation (IOT&E) phase of the UH-60V Black Hawk was completed in September 2019. The three prototypes (90-26242, 90-26302 and 95-26646) logged 312 flying hours with the Aviation Flight Test Directorate (AFTD) at Redstone AAF, Redstone Arsenal (AL). Back in January 2019, the US Army UH-60V Production Office already commenced the Low Rate Initial Production (LRIP) when the first UH-60L helicopter was inducted into the conversion line at Corpus Christi Army Depot (CCAD) in Texas. By the end of January 2020, a total of ten helicopters were inducted into the conversion line, with the first one planned to be completed by 31 May 2020.

Under the UH-60V conversion programme, the US Army plans to modernize 760 UH-60L Black Hawk by replacing the analogue cockpits by a digital infrastructure like the UH-60M. Once the full production phase is reached, it is planned to convert forty-eight helicopters per year. Out of the 760 planned UH-60V helicopters, 200 will undergo addi-

tional modification so they can be used for medical evacuation (Medevac) missions. This so-called Medevac Mission Equipment Package (MEP) includes installation of an external rescue hoist, patient handling system, Black Hawk Advanced Medevac (BAM) window and a Medevac Mission Sensor (MMS). The MMS sensor is also installed on the nose of the HH-60M on a "Duck Bill" styled mount. A similar mount will be installed on the Medevac UH-60V helicopters. Aircraft GPS location data will be combined with images captured by the MMS on the Multi-Functional Displays inside the cockpit. It will increase the all-weather capabilities of the Medevac UH-60V. Despite these additional modifications, the US Army so far is not using type designation HH-60V.

1st USASB AvnCo	Sharm El Sheikh (Egypt)
B/2-1st AVN	Marshall AAF, Fort Riley (KS)
2-2nd AVN	Seoul K-16 AB (South Korea)
2-6th CAV	Wheeler AAF, Schofield Barracks (HI)
2-10th AVN	Wheeler Sack AAF, Fort Drum (NY)
1-14th AVN	Hanhey AAF, Fort Rucker (AL)
7-17th CAV	Hood AAF, Fort Hood (TX)
2-25th AVN	Wheeler AAF, Schofield Barracks (HI)
B/3-25th AVN	Wheeler AAF, Schofield Barracks (HI)
B/1-52nd AVN	Ladd AAF, Fort Wainwright (AK)
5-101st AVN	Sabre AHP, Fort Campbell (KY)
B/6-101st AVN	Sabre AHP, Fort Campbell (KY)
1-106th AVN	IL ARNG (Co A at AASF Decatur, IL and Co B at AASF Midway Airport, Chicago, IL)
C/1-106th AVN	GA ARNG, AASF Bartow CAP, Winder (GA)
B/1-126th AVN	CA ARNG, AASF Stockton MAP (CA)
Det.1 B/3-126th AVN	NY ARNG, AASF Greater Rochester IAP (NY)
1-137th AVN	OH ARNG, AASF Rickenbacker IAP (OH)
Det.1 C/3-142nd AVN	ME ARNG, AASF Bangor IAP (ME)
A/2-147th AVN	MN ARNG, AASF St.Paul Downtown Holman Field, Minneapolis (MN)
C/2-147th AVN	IA ARNG, AASF Boone MAP (IA)
1-158th AVN	USARC, ASF Conroe, Lone Star Executive Airport (TX)
B/5-159th AVN	USARC, Felker AAF, Fort Eustis (VA)
C(-)/1-168th AVN	CA ARNG, AASF, Sacramento Mather Airport (CA)
Det.2 C/1-168th AVN	ID ARNG, Boise Airport, Gowen Field (ID)
Det.1 B/1-169th AVN	GA ARNG, AASF Hunter AAF, Fort Stewart (GA)
Det.1 C/1-185th AVN	GA ARNG, AASF Winder Barrow Airport (GA)
A/2-211th AVN	UT ARNG, AASF South Valley RAP, West Jordan (UT)
Det.1 B/2-211th AVN	MN ARNG, AASF St.Cloud RAP (MN)
1-223rd AVN	Fort Rucker (AL)
B(-)/1-228th AVN	Soto Cano AB (Honduras)
C/2-228th AVN	USARC, Simmons AAF, Fort Bragg (NC)
B/2-227th AVN	Hood AAF, Fort Hood (TX)
3-227th AVN	Hood AAF, Fort Hood (TX)
1-230th AVN	TN ARNG, AASF McGhee-Tyson Airport (TN)
Det.1 B/3-238th AVN	MI ARNG, AASF Selfridge ANGB (MI)

B/2-501st AVN Biggs AAF, Fort Bliss (TX)
 3-501st AVN Biggs AAF, Fort Bliss (TX)
 1106th TASMG CA ARNG, Fresno-Yosemite IAP (CA)
 A/2916th AVN Barstow Daggett AHP (CA)
 Boeing Boeing Helicopters at Mesa (AZ)
 AFTD Aviation Flight Test Directorate at Redstone AAF (AL)
 BEST BEST Aircraft Consolidation Facility at 248
 Dunlop Blvd, Huntsville (AL)
 Pope AAF, Fort Bragg (NC)

KPOB

C-12T-3

84-00488 1st USASB AvnCo, ex C2-228th AVN **BL-122** nov19
 Possibly this aircraft has been converted to C-12U-3 stand-
 ard. It was delivered to the 1st United States Air Support Bat-
 talion at Sharm El Sheikh (Egypt). It replaced 84-00158 which
 was previously in use by this unit.

C-12J

86-00082 to CONUS ex E/52nd AVN **UD-5** nov19
 On 14 November 2019, this C-12J arrived at Wiesbaden AAF
 (Germany) and it left again on 19 November 2019. The air-
 craft was in transit from South Korea to the Continental
 United States (CONUS). It is unknown if the aircraft has been
 re-assigned to another unit or if it is returning to the US for
 maintenance/modifications.

C-31A

85-01608 to N27FF ex std KPOB **10668** nov19

UC-35A1

97-00105 AFTD ex E/1-214th AVN **560-0472** nov19
 99-00102 E/1-214th AVN ex AFTD **560-0538** dec19

On 11 December 2019, 99-00102 arrived back at Wiesbaden
 AAF (Germany) after spending several months at Redstone
 AAF, Huntsville (AL). It is likely that the aircraft underwent
 modification work under control of the AFTD. Previously,
 the same crew which flew 99-00102 back home took 97-00105
 in the opposite direction. The latter aircraft departed Wies-
 baden AAF on 29 November 2019.

CH-47F

04-08707 B/1-126th AVN, ex B/2-227th AVN **M8707** mar20
 05-08013 1-223rd AVN ex B/2-1st AVN **M8013** feb20
 09-08829 1-223rd AVN, ex Det.1 B/3-126th AVN **M8829** feb20
 10-08815 Det.1 B/3-238th, ex Det.1 B/2-211th **M8815** jan20
 10-08820 1-223rd AVN ex B(-)/2-135th AVN **M8820** feb20
 11-08411 1-223rd AVN, ex Det.1 B/1-169th AVN **M8411** feb20
 11-08412 1-223rd AVN, ex B/5-159th AVN **M8412** feb20
 11-08834 1-207th AVN, corr not B/1-52nd AVN **M8834** may19
 12-08104 1-207th AVN, corr not B/1-52nd AVN **M8104** jul19
 13-08441 B/6-101st AVN, ex B/2-501st AVN **M8441** oct19
 13-08442 B/6-101st AVN, ex nb **M8442** nov19
 13-08144 B/6-101st AVN, ex nb **M8144** feb20

14-08162 B/6-101st AVN, ex B/3-10th AVN **M8162** feb20
 16-08205 B/3-25th AVN, ex B/1-52nd AVN **M8205** feb20
 16-08206 B/3-25th AVN, ex B/1-52nd AVN **M8206** jan20
 16-08219 1-223rd AVN, ex nb **M8219** feb20
 17-08225 B/1-52nd AVN, ex nb **M8225** feb20
 17-08228 B/1-52nd AVN, ex nb **M8228** feb20
 17-08233 B(-)/1-228th AVN, f/n **M8233** mar20

In February 2020, the following CH-47F Chinooks were seen
 at Huntsville IAP (AL). They all are believed to be undergoing
 pre-delivery modifications: 17-08238, 17-08239, 17-08244 and
 17-08245.

OH-58A

73-21888 std Merritt Island (FL), ex N911BP **42154** feb20

OH-58C

69-16173 A/2916th AVN ex nb **40394** feb20
 70-15086 A/2916th AVN ex nb **40637** feb20
 70-15356/56F std Griffin (IN) **40907** jan20
 70-15432 std Merritt Island (FL), ex N82844 **40983** feb20
 72-21110/10A std Griffin (IN) **41776** jan20

The Kiowas mentioned here as stored at Merritt Island (FL)
 were offered for sale as scrap via the GSA website (bids closing
 24 February 2020). The same is valid for the pair stored at
 Griffin (IN), for which the bidding closure was on 1 February
 2020.

OH-58D

10-01331 to Tunisia as L81520/TS-VTR

It also has been confirmed that OH-58A 69-16973 was con-
 verted to OH-58D 10-01331. It was delivered as OH-58D to the
 US Army on 7 June 2012 and sold to Tunisia in 2017.

UH-60A

79-23270 to N82BH ex std BEST **70-087** feb20
 79-23328 ID ARNG ex nb **70-145** mar20
 80-23448 to N883RB ex std BEST **70-206** feb20
 80-23451 to Thailand as 3451, ex N160CU **70-209** feb20
 80-23475 std BEST ex C/1-106th AVN **70-233** feb20
 81-23573 to N573RF ex std BEST **70-294** jan20
 81-23618 to N16FH ex std BEST **70-340** jan20
 81-23624 to N883QK ex std BEST **70-346** feb20
 82-23666 std BEST ex D/1-230th AVN **70-359** jan20
 82-23684 to N684UH ex std BEST **70-507** feb20
 82-23686 to N822MB ex std BEST **70-509** jan20
 82-23688 to Thailand as 3688, ex N160CJ **70-511** feb20
 82-23750 to N160AE ex std BEST **70-573** jan20
 83-23897 Det.1 C/1-185th AVN, ex nb **70-722** feb20
 84-23962 Det.1 C/3-142nd AVN, ex nb **70-789** mar20
 84-23967 C(-)/2-211th AVN, w/o 05dec19 **70-801**
 86-24484 1-106th AVN ex nb **70-973** feb20
 89-26150 A/2-211th AVN ex nb **70-1381** mar20
 89-26173 Det.2 C/1-168th AVN, see note **70-1428** jan20



L3 Communications Integrated Systems leased in the past several DHC-8s from Win Win Services at Fort Lauderdale (FL). It seems that former
 USAF E-9 97-0486 is also such an example. Now civil registered N349PH, it adopted a civil-looking colour scheme. (Fort Lauderdale (FL), 12 April
 2014, Tim Wolfe)



Operating in a Flanker style guise, F/A-18A+ 163135 of VFC-12 was photographed landing at NAS Oceana (VA) on 11 March 2020. Not seen for years, so a nice update for our database. (Erwin Moedersheim)

In February 2020, three former US Army UH-60A Black Hawks were delivered via sea for a second life with the Royal Thai Army. The identity of two of them is known as shown here, any info on the third one would be greatly appreciated. On 20 October 2005, 89-26173 was damaged in a brown-out incident in Iraq. The helicopter was recovered and shipped back to the United States for repairs. It resurfaced with the Idaho ARNG at AASF Boise-Gowen Field (ID) by January 2020. It is likely that 83-23897 is converted to UH-60L standard, but confirmation is required. Here mentioned 79-23328 was also seen with the ID ARNG at Gowen Field (ID). It is not known if it is assigned to A/1-168th AVN or 1-183rd AVN which both are based here.

Back on 2 August 2017, UH-60A 83-23924 was allocated to BEST. We did not receive any reports about this helicopter since that date, that is until it resurfaced at the BEST facility in Huntsville (AL) in February 2020.

UH-60L

92-26409	C(-)/1-168th AVN, unit confirmed		feb20
92-26421	A/3-82nd AVN ex nb	70-1771	mar20
94-26544	CA ARNG ex nb		dec19
94-26545	A/2-211th AVN ex nb		mar20
94-26556	A/3-82nd AVN ex nb	70-2076	mar20
94-26583	Det.1 C/1-185th AVN, ex 1-158th	70-2103	feb20
96-26727	1-230th AVN ex nb	70-2213	feb20
97-26765	CA ARNG ex nb	70-2433	feb20
98-26798	CA ARNG ex nb	70-2459	feb20
05-27053	C/1-5th AVN w/o 26sep19		
06-27079	CA ARNG ex nb		feb20
06-27082	CA ARNG ex nb		dec19

Both 89-26180 and 89-26181 were seen at Richmond (VA) in October 2019. They are believed to be operated by 2-224th AVN VA ARNG, but confirmation of this unit allocation is required. The UH-60L Black Hawks mentioned here simply as CA ARNG fly out of Los Alamitos AAF (CA) where both 1-140th AVN and 2-238th AVN can be found.

HH-60M

..-20692	C(-)/1-169th AVN ex nb		feb20
..-20949	C(-)/3-238th AVN f/n		nov19

MH-60M

..-20011	160th SOAR see note		mar20
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Photo proof shows that this helicopter is modified to MH-60M standard and in service with the famous Nightstalkers. Previously, this Black Hawk was reported with A/2-147th AVN MN ANRG (may19). But that report is now in doubt.

UH-60M

..-20057	3-501st AVN ex 2-10th AVN		jan20
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..-20227	3-227th AVN	ex 1-137th AVN	feb20
..-20375	3-501st AVN	ex 5-101st AVN	jan20
..-20437	2-25th AVN	f/n	mar20
..-20553	2-25th AVN	ex nb	mar20
..-20629	A/2-147th AVN	ex C/2-147th AVN	nov19
..-20734	2-10th AVN	ex 3-501st AVN	jan20
..-20997	2-25th AVN	f/n	mar20
..-21070	2-2nd AVN	f/n	mar20
..-21071	2-2nd AVN	f/n	mar20

AH-64D

09-05662	2-6th CAV	ex nb	PVD662 jan20
10-05619	1-211th AVN	ex nb	PVD619 mar20
11-05694	2-6th CAV	ex nb	PVD694 mar20

AH-64E

14-03045	7-17th CAV	ex nb	NM045 feb20
15-03076/76A	1-14th AVN	ex Boeing	NM076 feb20
17-03068	7-17th CAV	f/n	NM068 jan20
17-03194	1-229th AVN?	ex Boeing	NM194 feb20
18-03225	1-17th CAV	ex Boeing	NM225 feb20
18-03249	1-17th CAV	f/n	NM249 feb20
18-03250	1-17th CAV	f/n	NM250 feb20
18-03251	1-17th CAV	f/n	NM251 feb20
19-03267	1-17th CAV	f/n	NM267 feb20
19-03274	Boeing	f/n	NM274 feb20
19-03275	Boeing	f/n	NM275 feb20

UH-72A

09-72113	C(-)/2-151st AVN, see note		feb20
..-72390/90H	1-223rd AVN	f/n	feb20
..-72396/96K	1-223rd AVN	f/n	feb20
..-72398/98K	1-223rd AVN	f/n	feb20

In November 2016, it was reported that Lakota 09-72113 was transferred to 1-223rd AVN. This might be correct, but no other reports were received and it is a bit suspicious that the helicopter has now returned to its original unit again with Tennessee Army National Guard.

Mi-17E

14-00184	nb	see note	feb20
17-00186	nb	see note	feb19

Not many details are known about these Mi-17s, except that 14-00184 visited Savannah (GA) using call sign "Army Copter 0184" on 24 February 2020, while 17-00186 was seen at Las Vegas-McCarran IAP (NV) on 17 February 2019.

RO-6A

16-00374	nb	ex N308H	374 oct18
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We seem to have missed the ninth RO-6A aircraft taken on strength by the US Army. This aircraft was first seen operational in October 2018, and most likely it has been upgraded to ARL-E Saturn Arch standard.

MQ-1C

..-02188 w/o 02mar20 see note

The serial was taken from pictures published on the internet. The US military operate armed and unarmed aircraft from so-called Nigerien Air Base 201 about five kilometers south-east of Agadez (Niger). It is in this region that this MQ-1C Grey Eagle was lost.

UV-18A

79-23256 nb Golden Knights c/s 681 feb20

After service with the famous Golden Knights parachute demonstration team, this UV-18A was believed to have transferred to the CERDEC Flt Activity at NAS Lakehurst (NJ) around 2012. It was not reported since, until it was seen at Laguna AAF (AZ) in February 2020. The aircraft is still painted in Golden Knights colours.

United States Navy (NY)

USNI reports that the US Navy's request to end the F/A-18E/F Super Hornet production line after 2021 instead of signing another multiyear production contract was not to save money, but rather to allow manufacturer Boeing to convert the production line from building new planes to overhauling old ones at a rate of 40 per year. The US Navy is managing a shifting fighter fleet, which exists of Super Hornets and Lightning IIs.

The US Navy's acquisition chief James Geurts said that the best way to support the ideal mix of F/A-18s and F-35s was to stop buying Super Hornets after the current contract ends in Fiscal Year 2021 and to focus instead on getting as many as possible per year through the Service Life Modification (SLM) programme. SLM not only adds thousands of flying hours to the planes' lives but also upgrades them to the new Block III configuration that adds stealth, range, weapons-carrying capacity and advanced connectivity. In this way, the US Navy gets simultaneously more flying hours out of the Super Hornet fleet in combination with enhanced capabilities. An SLM aircraft is not much different from a new production Block III F/A-18E/F.

Boeing delivered the first F/A-18F SLM to the US Navy early February 2020. The US Navy cancelled a multi-year procurement contract for 36 aircraft from 2022 to 2024 in favour of the SLM aircraft. Mr. Geurts said that he faced a fighter shortfall of 49 aircraft between the introduction of the SLM and the F-35C, but at the end of the 2020s, that number is essentially zero. At that time it is expected that about 134 fighters are added to the fleet. In the meantime, the F/A-XX will be developed further. The SLM process currently takes eighteen months but will be reduced to twelve months once the work

moves to a productionized setup on an assembly line, which can only happen if new construction stops.

The US Marine Corps does not face a shortfall as it is now incorporating the best surplus US Navy F/A-18C/Ds. The USMC inventory now counts 275 Hornets with about 143 operational aircraft on the flight lines. They still operate enough AV-8B Harriers (around 123 as this is written). The USMC is facing a challenge with the transition to the F-35B and C variants and making sure procurement keeps up with the planned transition rate for squadrons. The Marine Corps hopes to transition two Hornet or Harrier squadrons to the F-35 a year, and need to buy twenty new F-35s a year to keep the operational schedule up to the max.

The US Navy Flight Demonstration Team, *Blue Angels*, announced that after nearly a year of operating without their beloved C-130T Hercules logistics support aircraft, they are proud to report that their 'new' C-130J Super Hercules, aka "Fat Albert," will be joining the team during the 2020 show season. In a sneak preview video clip, it can be seen that the Bureau Number of the C-130J, a former RAF Hercules, is 170000. The C-130J Hercules will undergo extensive testing before her all-US Marine Corps crew begins training for their portion of the demonstration. The Blue Angels are not able to give an exact date of return, as the team's priority is putting together a safe and exciting flight demonstration that showcases the unique capabilities of this aircraft.

The US Navy ordered a new 'Fat Albert' from surplus stocks of the Royal Air Force (RAF) in July 2019. The aircraft is scheduled to be delivered as part of a USD 29,7 million contract by the Spring of 2020. By acquiring a second-hand Super Hercules, the US Navy saved some USD 50 million compared with the acquisition of a factory fresh aircraft. The former RAF identity is ZH885 (construction number 382-5483).

United States Navy unit news

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

US Central Command (CENTCOM) decided to retain two aircraft carriers in the Middle East and is in the process of moving Patriot missile defence batteries into Iraq as Iranian tensions continue. The move by CENTCOM comes following a deadly (18) rocket attack on Camp Taji (Iraq) that killed two US service members and a UK armed forces member and wounded a dozen more. The US responded to that attack on 12 March, launching airstrikes against five weapons storage depots belonging to an Iran-backed militia known as Kataib Hezbollah. A CENTCOM commander told reporters on 13 March that the carrier operations in the Middle East would



On Friday 13 March, a crowd was gathered at MCAS Yuma (AZ) to see the arrival for next day's airshow. Unfortunately, the show had been cancelled the previous day. Luckily the base was still active as AH-1Z 166759/MV-42 shows. (Otger van der Kooij)



The cancelled MCAS Yuma air show would commemorate the phasing out of the HH-1N as rescue helicopter. As luck would have it, HH-1N 158257/5Y-04 was flying around all morning on Friday the 13th of March. (Otger van der Kooij)

be the “first period of extended dual carrier operations” in the region since 2012. USS Dwight D. Eisenhower (CVN-69) and USS Harry S. Truman (CVN-75) are currently operating in the CENTCOM area of operations under command of the 5th Fleet.

CENTCOM is currently also moving Phased Array Tracking to Intercept On Target (PATRIOT) ground-based air defense systems as well as Counter Rocket, Artillery, and Mortar (C-RAM) - a system that protects the very high value PATRIOT installations and C-RAM can be used to defend bases from indirect fire and mortars - into Iraq to help defend against any Iranian ballistic missile strike. This in response to the early January 2020 attack on Al Asad air base and Erbil, following the US strike that killed Islamic Revolutionary Guard Corps (IRGC) Quds Force commander Qassem Soleimani. On 13 March, General McKenzie said the threat from Iran “remains very high” following the latest rocket attack against coalition forces involving an Iran-backed Shia militia. McKenzie warned that tensions with Tehran have not come down and may be exacerbated by the high number COVID-19 deaths in Iran.

Carrier Air Wing ONE and THREE looks as follows:

Carrier Air Wing 3, USS Dwight D. Eisenhower (CVN-69), AC

VFA-32	Swordsmen	F/A-18F	1xx
VFA-83	Rampagers	F/A-18E	2xx
VFA-131	Wildcats	F/A-18E	3xx
VFA-105	Gunslingers	F/A-18E	4xx
VAQ-130	Zappers	EA-18G	5xx
VAW-123	Screwtops	E-2C-NP	6xx
HSC-7	Dusty Dogs	MH-60S	61x
HSM-74	Swamp Foxes	MH-60R	7xx
VRC-40/Det.2	Rawhides	C-2A NP	xx

The Ike departed homeport NS Norfolk (VA) mid-February 2020, arrived in the Mediterranean Sea on 29 February and transited the Suez Channel on 9 March. On 10 March, she sailed south of the Red Sea.

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

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

VRC-40/Det.1 Rawhides C-2A NP xx

The HST departed homeport NS Norfolk on 18 November 2019, arrived on 5 December in the Med and transited the Suez Channel on 13 December. She arrived in the Gulf area on 17 December and has been on-station since that moment.

Commander, Naval Air Force U.S. Pacific Fleet (ComNavAirPac)

The Specialized and Proven Aircraft programme office (PMA-226) recently completed a modification on ten US Navy F-16A Fighting Falcon adversary aircraft, all from the Naval Air Warfare Development Center (NAWDC) at NAS Fallon (NV). The modification, named FalconUP, increases the readiness and service life of the Fighting Falcons with more than 500 hours. The FalconUp modification also provides the configuration baseline to incorporate the funded SStructural Augmentation Roadmap (Falcon STAR) programme, which adds an additional 3,750 hours to the service life of the aircraft. The Falcon STAR was already provided to the US Air Force (and completed in Fiscal Year 2015), but the US Navy Fighting Falcons are still slated for this upcoming modification programme. As the adversary aircraft are heavily used and stressed, the FalconUP upgrade incorporates structural improvements that extend the service life of the aircraft between 3,665 hours and 4,250 hours (so up to 8,000 hours in total) and will then be able to operate through 2025. The NAWDC operates the following ten F-16As, all confirmed as of late 2019:

900942/50	blue/blue c/s
900943/51	desert c/s
900944/53	desert c/s
900945/54	brown c/s
900946/55	std Fallon, blue/blue c/s
900947/56	blue/blue c/s
920404/57	two-tone blue/grey c/s
920408/52	std Fallon, three-tone grey c/s
920409/60	blue/blue c/s
920410/61	two-tone blue/grey c/s

The four NAWDC F-16Bs are not involved in the FalconUp (yet):

920458/04	two-tone bl/gr c/s
920459/05	two-tone brown/sand c/s
920460/06	three-tone brown c/s
920461/07	two-tone blue/grey c/s

PMA-226 is responsible for life cycle cradle, modifications, and logistic support management of several legacy and

out-of-inventory Naval Aviation aircraft and contracted air services. The PMA-226 is working on both US Navy adversary aircraft types (F-5, F-16) while the contracted aircraft services include aircraft from the US Naval Test Pilot School / Naval Postgraduate School (T-38, H-72, X-26, U-6, NU-1B, O-2, OH-58C) as well as Foreign Military Sales out-of-active US Navy inventory aircraft like the T-2 Buckeye (Greece), H-2 Seasprite (multiple-users), H-3 (multiple users), and A-4 (multiple users).

FRCE = Fleet Readiness Center East, Cherry Point (NC)
 FRCSE = Fleet Readiness Center South East, Jacksonville (FL)
 FRCSW = Fleet Readiness Center South West, North Island (CA)

C-40A
 168980/980 VR-58 ex 980/VR-61 **43827/5000** mar20

F/A-18E
 165536 FRCSE for Blue Angels **1471/E009** feb20
 168907/AD-143 VFA-106 ex AG-107/VFA-143 **E266** mar20

F/A-18F
 165875/AD-122 VFA-106 ex SD-120/VX-23 **F035** mar20
 168490/AD-251 VFA-103 ex AG-202/VFA-103 **F264** mar20

EA-18G
 166932/AF-501 VAQ-209 ex NJ-551/VAQ-129 **G17** mar20
 168381/NE-505 VAQ-136 ex NH-500/VAQ-142 **G67** mar20
 168383/NL-540 VAQ-132 ex NL-515/VAQ-138 **G69** mar20
 168774 nmks ex AJ-502/VAQ-131 **G88** mar20
 168775/AF-505 VAQ-209 ex AJ-503/VAQ-131 **G89** mar20
 169144/SD-529 VX-23 f/n **G135** feb20
 169211/NE-507 VAQ-136 ex NJ-553/VAQ-129 **G144** mar20
 169218/SD-531 VX-23 f/n **G151** mar20

MH-60R
 167004/AC-710 309th AMARG ex AC-710/HSM-74 **70-3...** jan20
 167005/HR-501 309th AMARG ex HR-501/HSM-48 **70-3...** jan20
 168189 HSM-71 f/n **70-4...** mar20

MH-60S
 165747 SAR ex SA-28/HSC-3 **70-2580** mar20
 167877/305 HSC-85 ex WC-51/HSC-23 **70-3638** jan20
 167883/NA-613 HSC-6 ex VR-71/HSC-21 **70-36..** mar20
 167899/NH-616 HSC-8 ex NE-611/HSC-4 **70-37..** mar20

P-8A
 168760/760 nmks ex RD-760/VP-47 **42256/4898** mar20
 168997/997 nmks ex PD-997/VP-9 **44942/5587** mar20
 169005/LL-005 VP-30 ex LC-005/VP-8 **44946/5851** mar20
 169329/YB-329 VP-1 ex PD-329/VP-9 **62295/6273** mar20
 169337/YB-337 VP-1 ex LA-337/VP-5 **63185/6560** mar20
 169339/RC-339 VP-46 ex LA-339/VP-5 **63188/6658** mar20
 169557/557 Boeing f/f 22jan20 **65749/7872** jan20
 169558/558 Boeing f/f 18feb20 **65750/7911** mar20
 169559/559 Boeing f/n **66751/7988** mar20

United States Marine Corps (NY)
 US Naval Air Systems Command (NASC) has ordered two

MV-22B Ospreys for the US Marine Corps (USMC) and provided funds to continue the modernisation of the Osprey fleet. According to a 28 February 2020 contract announcement, NAVAIR awarded Bell-Boeing a USD 165,3 million contract under the fiscal 2020 defence budget for the two MV-22Bs and for repairs to the existing Osprey fleet under the Common Configuration Readiness and Modernization (CC-RAM) programme. The CC-RAM programme is designed to reduce about 70 different sub-configurations of the Osprey fleet to standard configurations. Most of the existing Osprey fleet is the Block B configuration. Bell-Boeing delivered the first of 129 Block B MV-22Bs to be converted to Block C standards to the Marine Corps on 10 December 2019. The Block C incorporates upgrades added as a result of lessons learned during combat deployments of the Osprey. The upgrades include improved cockpit displays, a display in the passenger/cargo cabin, chaff and flare dispensers and a weather radar.

On 2 March 2020, Textron Aviation Inc., Wichita (KS) was awarded a USD 14,3 million contract providing for the production and delivery of one King Air 350C Cargo Slick modified into a UC-12W. Work will be performed in Wichita and is expected to be completed by March 2021. The contract is part of the Fiscal Year 2020 aircraft procurement funds. The UC-12W is a modified King Air 350, equipped with a large cargo door and, of course, military communication systems. The Whisky will be used for personnel carrying and transport of light cargo, plus medical evacuation and range clearing missions. The US Marine Corps already operates eight UC-12Ws with Marine Transport Squadron (VMR) 2 at MCAS Miramar (CA), and with VMR-4 at NAS JRB New Orleans, MCAS Iwakuni and MCAS Futenma (the latter two are in Japan).

The US Marine Corps is not optimized to meet the demand of the National Defense Strategy. Thus, in the Summer of 2019, USMC command started a redesign plan of its orders of battle and strategies with a ten-year horizon. The planning led to the redesigning of the 2030 force for naval expeditionary warfare in actively contested spaces. Units and squadrons within the plan that will be deactivated are:

Marine Medium Tiltrotor Squadron (VMM) 264 *Black Knights* ('EH-xx') flying the MV-22B from MCAS New River (NC),

Marine Heavy Helicopter Squadron (HMH) 462 *Heavy Haulers* ('YF-xx') flying the CH-53E from MCAS Miramar (CA),

Marine Light Attack Helicopter Squadron (HMLA) 469 *Vengeance* ('SE-xx') flying the UH-1Y and AH-1Z from MCAS Camp Pendleton (CA).

And the following measures are expected:



Another based helicopter pictured on Friday 13 March 2020, the day before the cancelled MCAS Yuma air show was HMX-1 UH-1Y 169246/MV-32. (Otger van der Kooij)



Tim Jones visited New Zealand and was lucky to get a base visit at RNZAF base Whenuapai. Although it carries Navy titles, SH-2G(I) NZ3616 is officially part of Royal New Zealand Air Force 6 Squadron. (31 January 2020)

HMLA-367 *Scarface* ('VT-xx') will relocate from Kanoeha Bay (HI) to Camp Pendleton (CA),

The number of F-35B and Cs per squadron will be reduced from sixteen to ten,

The number of Unmanned Aerial System (UAS) squadrons will be doubled.

United States Marine Corps unit news

Marine Force Pacific (MARFORPAC)

On 20 March 2020, Marine Fighter Attack Squadron (VMFA) 314 Black Knights ('VW-xxx') received their Safe-For-Flight Operations Certification (SFFOC) at homebase MCAS Miramar (CA). The squadron worked together with the US Navy's F-35C Fleet Replacement Squadron, Strike Fighter Squadron (VFA) 125 Rough Raiders ('NJ-xxx') to reach this status. The SFFOC marks the end of the squadron's oversight by VFA-125, which was responsible for ensuring that the Black Knights received the right training during their temporary relocation to NAS Lemoore (CA) from September 2019 to January 2020. VMFA-314 is now able to work independently and safe with their equipment, personnel and programmes in support of US fleet operations. VMFA-314, part of 3rd Marine Aircraft Wing, carries the proud legacy from being the first F/A-18 Hornet squadron in the US DoD to fly the Hornet tactically to becoming the first operational F-35C squadron in the USMC.

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

FRCMA = Fleet Readiness Center Mid Atlantic, Oceana (VA)

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

LMTAS = Lockheed Martin Tactical Aircraft Systems, Fort Worth (TX)

F/A-18A

163162/VE-07 309th AMARG ex VE-07/VMFA-115 **594/A501** feb20

F/A-18C

164952/DR-202 VMFA-312 ex NA-202 **1252/C375** mar20

F/A-18D

163479/SH-225 VMFAT-101 ex FRCMA **709/D014** sep19
164872/13 VMFA(AW)-533 ex ED-06 **1204/D117** mar20

F-35B

168313/MV-53 VMX-1 ex 17/461st FLTS **BF-17** mar20
169615/MV-57 VMX-1 ex DC-06/VMFA-122 **BF-79** feb20
169621/CF-01 VMFA-211 del, CAG c/s **BF-85** feb20

F-35C

169635/VW-437 VMFA-314 ex nmks **CF-40** mar20

AH-1W

160804/YM-31 VMM-365 ex TV-31/HMLA-167 **29145** feb20
165394/MM-24 309th AMARG ex MM-24/HMLA-773 Det.A jan20

UH-1Y

168404/EP-32 VMM-265 ex SE-01/HMLA-469 **55141** mar20
168513/TV-04 HMLA-167 ex YS-31/VMM-162 **55177** mar20

AH-1Z

169088/SE-44 HMLA-469 ex YX-40/VMM-166 **59229** feb20
169249/SE-51 HMLA-469 ex YX-42/VMM-166 **592..** feb20
169265/SM-52 HMLA-369 ex SE-52/HMLA-469 **592..** sep19
169494/TV-31 HMLA-167 f/n **592..** mar20
169514/WR-46 HMLA-775 f/n **592..** mar20

AV-8B+(R)

165576/CG-09 VMA-231 ex EH-53/VMM-264 **313** sep19

MV-22B

165842/YW-05 VMM-165 ex YR-13/VMM-161 **D0028** feb20
167906/YL-02 VMM-362 ex YZ-0./VMM-363 **D0117** feb20
168016/YW-00 VMM-165 ex PF-10/VMM-364 **D0146** mar20
168623/YW-09 VMM-165 ex PF-07/VMM-364 **D0278?** feb20
168627/YT-02 VMM-164 ex YW-14/VMM-165 **D0282?** feb20
168637/YR-01 VMM-161 ex YR-10 **D0292?** mar20
168678/YL-06 VMM-362 f/n **D0338?** feb20
168686/YW-12 VMM-165 f/n **D03xx** feb20
168693 Bell-Boeing f/n **D03xx** mar20

United States Coast Guard (CG)

MH-60T

6026 Astoria ex Cape Cod **70-1785** nov19
6040 Clearwater ex Elizabeth City **70-2281** feb20

MH-65D

6511 San Francisco ex Traverse City **6121** nov19

Credits

Clive Bartram, Danny Bonny, Ian Carroll, Edwin de Greeuw, Joris Heeren, Rafael Hernandez, Stefan Jongen, Andy Marden, Daniele Mattiuzzo, Dave O'Brian, Jeff Rankin, Johnny Rod, Kevin Sanders, Keith Snyder, Syed Usman, Hans van der Vlist

Abbreviations

AF = Air Force GV = Government
AG = Agricultural Aviation JF = Joint Forces
AR = Army NY = Navy
CG = Coast Guard PO = Police
DF = Defence Forces SV = Survey

Showreports



Kuwait Air Force F/A-18C 427 from 9sq was one of the display performers during the Kuwait Aviation Show. (Kuwait International Airport / Abdullah Al-Mubarak Air Base, 15 January 2020, Raymond van Dijkhuizen)

Changi Exhibition Center (Singapore)

Singapore Airshow 2020 11-13 February 2020

Static:

M54-04	A400M	22Skn	
M52-13	Su-30MKM	11Skn	
Kh18Kh2-5/24/21105/91692	F-5THF	211sq	
Kh18Kh-37/31/21137/41575	F-5TH	211sq	
05-5153/HH	C-17A	535th AS	
63-8039	KC-135R	465th ARS AFRC	
00-4003/CH	MQ-9A	432nd WG	
166901/NF-400	F/A-18E	VFA-195	
166366/WC-42	MH-60S	HSC-23	
168431/LD-431	P-8A	VP-10	
168049/SM-49	AH-1Z	HMLA-369	
168407/SM-03	UH-1Y	HMLA-369	
168237/ET-09	MV-22B	VMM-262	
168288/ET-44	MV-22B	VMM-262	
760	A330-243MRTT	112sq	
068	AH-64D	120sq	01-02068
8335	F-15SG	149sq	05-0029
8338	F-15SG	142sq	05-0032
615	F-16C-52	143sq	96-5025
678	F-16D-52+	145sq	01-6027
502	Hermes 450	116sq	
5356	Heron 1	119sq	
262	S-70B	123sq	
N412FW	Bell 412EPX	Bell Textron	

Flying:

02, 03, 06	J-10A	Ba Yi demoteam	
07, 09, 10, 12	J-10B	Ba Yi demoteam	
03-4047/HH	F-22A	199th FS HI ANG	
03-4057/HH	F-22A	199th FS HI ANG	
169295/VK-09	F-35B	VMFA-121	USS America
169412/VK-13	F-35B	VMFA-121	
064, 065	AH-64D	120sq	
8303	F-15SG	142sq	11feb
8321	F-15SG	149sq	12feb

Kuwait Aviation Show

Kuwait International Airport / Abdullah Al-Mubarak Air Base
4Aviation provided us with a detailed report of their visit to Kuwait for the Kuwait Aviation Show. Credit: Raymond van Dijkhuizen, Jurgen van Toor and Patrick Dirksen. The report covers three days.

15 January 2020

Static:

MM62218/46-82	C-27J	98° Gruppo TM
MM7287/4-3	F-2000A	904° GEA
KAF326	KC-130J	41sq

422	F/A-18C	25sq 25 Sqn
KAF004	AH-64D	17/20sq
KAF556	SA330L	32sq
MAB	C-17A	10sq
213/MAJ	C-130J-30	12sq

Hangar:

142	Hawk Mk64	12sq
KAF514	SA342K	33/34sq
KAF115	Tucano T52	19sq
KMOI-06	AS365N-3+	Kuwait Police
MOH-4	Bell 429	Ministry of Health

Flightline near static:

A7-MAQ, MAR	DHC-6-400	SF Skydiving Team
430/5, 434/3, 435/-	MB339NAT	Al Fursan
436/2, 438/1, 440/6	MB339NAT	Al Fursan
441/-, 442/7	MB339NAT	Al Fursan

For Al Fursan see the detailed report in last month's Military News under United Arab Emirates.

Flightline military base:

KAF327	KC-130J	41sq
427	F/A-18C	9sq
444	F/A-18D	25sq
KAF002	AH-64D	17/20sq
KAF013	AH-64D	17/20sq
KAF558	SA330L	32sq
KMOI-08	H225	Kuwait Police
8808, 8811, 8816	Hawk Mk65A	Saudi Hawks/88sq
8817, 8820	Hawk Mk65A	Saudi Hawks/88sq

The Apaches and Hornets took part in the opening flypast and departed for their home bases after that. The Cougar flew a mission and moved to the static the next day.

Elsewhere:

9K-GFA	G550	VIP Transport Flight
(YI-AKV)	II-76T	Zetavia as UR-CPS
(1630)	C-130H-30	16sq

Plus an unknown C-5M.

Flying only:

MM7275/4-19	F-2000A	904° GEA
91-0604/LN	F-15E	494th FS
15-5143/HL	F-35A	4th FS
168637/YR-01	MV-22B	VMM-161

There was one more F-35A in the single flyby.

16 January 2020

Only changes to the previous day are noted for the air show.

Flightline military base:

KAF342	C-17A	41sq
KAF328	KC-130J	41sq
8818	Hawk Mk65A	Saudi Hawks

Elsewhere:

Stored L-100-30 unmarked KAF323, KAF324 and KAF325. Plus an unknown Charleston C-17 as well as a KC-135.

Flying only:

MM7275/4-19	F-2000A	904° GEA
91-0312/LN	F-15E	492nd FS

17 January 2020

Only changes to the previous day are noted for the air show.

Police hangar 1 military base:

KMOI-01	EC135T-1	Kuwait Police stored
KMOI-02	EC135T-1	Kuwait Police stored
KMOI-07	AS365N-3+	Kuwait

Police hangar 2 military base:

KMOI-04	AS365N-3	Kuwait Police stored
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Police hangar 3 military base:

KMOI-03	AS365N-3	Kuwait Police wreck
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Police hangar 4 military base:

KMOI-05	EC225LP	Kuwait Police
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Elsewhere:

00-0185/AK	C-17A	517th AS
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Flying only:

91-0310/LN	F-15E	494th FS
15-5143/HL	F-35A	4th FS
15-5199/HL	F-35A	421st FS



The United States had the greatest number of foreign participants at the Singapore Airshow 2020. The US Navy sent this F/A-18E, 166901/NF-400 from VFA-195 'Dambusters'. (Changi, 17 February 2020, Hans Jacobs)



Two in one stroke. In the front is Kuwaiti AH-64D KAF004 from 17/20sq. In the background is KC-130J KAF326 from 41sq. Both were in the static display area at the Kuwait Aviation Show. (Kuwait International Airport / Abdullah Al-Mubarak Air Base, 15 January 2020, Raymond van Dijkhuizen)

Triptease



Jazeera Airways is Kuwait's second largest airline and has its own terminal at the international airport. A320 9K-CAN, seen taking off here, was among the by-catch of the trip to the Kuwait Aviation Show 2020. (Kuwait-International, 15 January 2020, Raymond van Dijkhuizen)

Civil trips

Kuwait

Istanbul-Sabiha Gökçen 14 January 2020
A7-LAD A320-214 Qatar Airways

Hub traffic

Anadolu Jet B737 (3)
Pegasus Airlines A320 (9), B737 (12)
THY Turkish Airlines A320 (1), B7837 (5)

Kuwait International 14 January 2020
9K-CAK A320-214 Jazeera Airways
TC-LOA A330-343 THY Turkish Airlines
VT-WGF A320-271N Go Air

The first day of our trip to Kuwait was used to travel. In the afternoon, the 4Aviation group assembled at the meeting point. After check-in and eating some snacks, the group entered a brand-new A321neo of Pegasus. After transferring at Istanbul, we travelled with an A320neo to Kuwait, where we arrived at just after midnight. After collecting our cars, we drove to the hotel for a much deserved sleep.

15 January 2020

1630	C-130H-30	16sq	
KAF327	KC-130J	41sq	
KMOI-08	H225LP	Kuwait Police	
9H-VCN	CL-350	VistaJet	
A6-FEA, A6-FEJ	B737-8KN	Fly Dubai	
A7-AHT	A320-232	Qatar Airways	
A7-LAB	A320-214	Qatar Airways	
EP-TAD	A320-231	ATA Airlines	
OK-TSS	B737-81M	Smartwings	
TC-SGO	Falcon 2000LX	Nuro Aviation	n/t
VP-CXQ	A320-214	Fly Nas	
VT-GHF	B737-86N	Air India Express	
VT-IEG	A320-232	IndiGo	

Hub traffic

Jazeera Airways A320 (3)
Kuwait Airways A320 (2), B777 (2)

After three hours of sleep and some breakfast, we travelled from our hotel to Kuwait International, the venue for the Kuwait Aviation Show 2020. The air show was not that spectacular, however some interesting planes from the Kuwait Air Force and some surrounding countries were seen. As it was the first day of the show, the Emir of Kuwait attended to open the exhibition. After the show we travelled back to our hotel and had dinner in an Indian restaurant.

Kuwait-Skuwaik University 16 January 2020
53-420/N Lightning F53K preserved

At the campus of the University you can find a beautiful preserved Lightning. The campus is only open during weekdays.

Kuwait Science Museum 16 January 2020

102	Jet Provost T51	preserved
53-418/L	Lightning F53K	preserved
9K-AAI	Auster J/5L	preserved
"G-AMZZ"	C-47B	pres., ex RAF KJ867

The science museum was closed. The Lightning is outside in the backyard and can easily be seen when you look over a wall. The other aircraft are inside a building and we were lucky to find a person that for a little money was able to show us the aircraft.

Kuwait IAP 16 January 2020

KAF342	C-17A	41sq
A6-ANB	A320-214	Air Arabia
A6-EBR	B777-31HER	Emirates
A6-FGG, A6-FGI	B737-8KN	Fly Dubai
A7-AEN	A330-302	Qatar Airways
A7-ANC	A350-1041	Qatar Airways
A7-AQA	A350-941	Qatar Airways
A7-BBF	B777-2DZLR	Qatar Airways
A7-GCC	DA42NG	
A9C-AF	A320-214	Gulf Air
D-BUZZ	Ce750	AirX Charter
EI-KMA	CL-604	GainJet Ireland
EP-IFA	A321-211	Iran Air
HZ-KSGA	G450	NAS Air
N807MC	BAe146-800A	Golden Falcon Avn
N965HH	Beech 350	
OE-HMR	Falcon 2000LX	MHS Aviation
T7-FTH	A310-308	National Legacy
T7-SBH	ERJ190BJ	National Legacy
UR-CPS	II-76T	ZetAvia
VP-CLL	ERJ135BJ	Titan Aviation
YK-AKF	A320-232	Syrian Airlines

T7-FTH is the former Airbus of the State of Kuwait.

Hub traffic

Jazeera Airways A320 (3)
Kuwait Airways B777 (1)

Elsewhere

(KAF323), (KAF324)	L-100-30	ex Kuwait AF	std
(KAF325)	L-100-30	ex Kuwait AF	std
1x	C-17A		

After the flying element of the show in the morning, part of the group decided to visit some wrecks and relics in Kuwait

City. First, the Skuwaik University was visited. After the University, the closed science museum was visited. Here we found a person who let us in for 5 minutes by paying one Kuwait Dinar per person to photograph the aircraft preserved inside. After we were finished at the museum, we drove back to the international airport. Here, part of the group wanted to ask permission to enter the Air Force museum. However, as we drove with multiple cars, one car had to return to the airport for the show. I was very disappointed I was in the wrong car, and could not join the others to visit the Air Force Museum.

Kuwait-MOH Heliport		17 January 2020
MOH-1	Bell 430	Min. of Health 49096
MOH-2	Bell 430	Min. of Health std, 49047
MOH-3	Bell 429	Ministry of Health

The Ministry of Health (MOH) heliport is in the hospital district. You can see a few helicopters from outside the perimeter, when you walk on the beach. However, we were lucky to have permission for a visit here. All the helicopters were inside a hangar. The Bell 430 registered MOH-2 is a spare helicopter when one of the two Bell 429s is in maintenance and the other is on a call. The organisation is looking for a third Bell 429, after which both Bell 430s will be withdrawn from use.

Kuwait-Bait al Othman Museum		17 January 2020
104	Jet Provost Mk51 stored	

This particular Jet Provost was not seen for a long time. The aircraft is parked in a kind of hangar that is still under construction.

Kuwait IAP		17 January 2020
KAF328	KC-130J	41sq
00-0185/AK	C-17A	514th AS
A40-BAF	B737-8SH	Oman Air
A6-ECK, A6-EPY	B777-31HER	Emirates
A6-EIQ	A320-232	Etihad Airways
A7-LAC	A320-214	Qatar Airways
A9C-AG	A320-214	Gulf Air
PH-AOE	A330-203	KLM
T7-MRA	A320-214	MEA
TC-NBD	A320-251N	Pegasus Airlines

VT-GHF	B737-86N	Air India Express
YK-BAA	A320-212	ChamWings Airlines

Based Airlines

Jazeera Airways	A320 (3)
Kuwait Airways	A320 (4), A330 (4), B777 (1)

Kuwait IAP-KMOI area

17 January 2020

Main hangar

KMOI-01	EC135T-1	wfu	169
KMOI-02	EC135T-1	wfu	180
KMOI-07	AS365N-3+	Kuwait Police	7040

Hangar 2

KMOI-03	AS365N-3	ex Min. of Interior	w/o
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Hangar 3

KMOI-04	AS365N-3	wfu
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Hangar AF

KAF558	SA330L	32sq
KMOI-05	H225LP	Kuwait Police

The H225 in the Air Force hangar is painted in a blue VIP colour scheme.

The Kuwait Ministry of the Interior (KMOI) area on the airport can only be seen when you are inside the air base with permission. Dauphin KMOI-04 caught fire in the hangar and the investigation into this incident is still going on.

During the air show, I tried to arrange permission for a visit to the Ministry of Health (MOH) heliport as well as a visit to the Kuwait Police. We received permission for a visit to the MOH. After we concluded our visit here, we drove back to the air show via a rather touristic route as we wanted to find a Jet Provost, which had not been seen for a long time.

Finally back at the show, I tried to arrange a visit to the Police and I could arrange that all group members could visit the KMOI/Kuwait Police. After we thanked our guides, we walked back to our cars. We had a final dinner in our favourite Indian restaurant. The next day we flew back to Schiphol via Istanbul.

Istanbul-Sabiha Gokcen		18 January 2020
2-TGHF	ERJ145LR	Alphastream std



After some negotiating, the travel group was allowed to visit the Kuwait Ministry of Health heliport on 17 January 2020. Above photo was taken there by Raymond van Dijkhuizen. Bell 430 MOH-1 was one of three helos present, including sistership MOH-2 as a spare without rotor blades.



Looking over a wall at the Kuwait Science Museum pays off, as it offers you this great view of preserved Lightning F53K 53-418. Entering the museum outside regular opening hours is a different story. (Kuwait City, 16 January 2020, Raymond van Dijkhuizen)

Based Airlines

Anadolu Jet B737 (8)
 Pegasus Airlines A320 (15), A321 (1), B737 (15)
 THY Turkish Airlines A320 (3), A321 (1)

Early in the morning, we arrived at Istanbul-Sabiha Gökçen. Whereas everyone else went for breakfast, I wanted to spot as much aircraft as possible. After waiting for circa two hours, we could board our flight for the flight from Istanbul to Schiphol.

Credit: Raymond van Dijkhuizen

South Africa

After arriving back from Kuwait, the next day I was traveling again, to South Africa for a well-deserved holiday. On the internet I found a reasonably priced ticket to Cape Town via Nairobi with Kenya Airways.

Nairobi		20 January 2020
5H-PWA	ATR72-212A	Precision Air
5H-PWC	ATR72-200	Precision Air
5X-KOB	CRJ900	Uganda Airlines
5Y-JXB	DHC-8-402	JamboJet
5Y-JUU	F27-500	ex Air Djibouti a/w, n/t
B-6548	A330-223	China Southern Airlines
N604RR	CL-604	ZBL Aviation n/t
SU-GEC	B737-866	EgyptAir
TF-AMM	B747-4H6F	Air Atlanta Icelandic
ZS-SFL	A319-131	South African Airways

Platforms near Terminal

5X-IRE	B727-2Q9F	Safe Air
5Y-MSA	B737-244SF	Multiple Solutions a/w, n/t

Cargo Platform

5Y-UAE	DC-9-34CF	Astral Aviation
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Hub traffic

Kenya Airways	B737 (6), B787 (1), ERJ190 (6)
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Stored

5Y-GMC	F27-500	ex Air Djibouti
5Y-GMH	ATP/F	ex West Air Sweden
5Y-JAF	Fokker 50	Jubba Airways
OE-LGE	DHC-8-402	ex Austrian Airlines

Johannesburg-OR Tambo 20 January 2020

3B-NBL	A330-202	Air Mauritius
4X-ECE	B777-258ER	EI AI
5Y-KZC	B787-8	Kenya Airways
9V-SMN	A350-941	Singapore Airlines
A6-EUB	A380-861	Emirates

A7-ALX	A350-941	Qatar Airways
B-HNR	B777-367ER	Cathay Pacific
C9-MEX	ERJ145MP	Moçambique Expresso
D-ABYK	B747-830	Lufthansa
D2-TEI	B777-3M2ER	TAAG
EI-EJN	A330-202	Alitalia
ET-ARB	B737-7Q8	Malawian Airlines
ET-ATQ	A350-941	Ethiopian Airlines
F-HPJF	A380-861	Air France
G-XLEA, G-XLEI	A380-841	British Airways
HB-JMH	A340-313X	Swiss
N702DN	B777-232LR	Delta Airlines
PR-XTI	A350-941	LATAM Airlines
S7-AMI	A320-232	Air Seychelles
TC-JOJ	A330-303	Turkish Airlines
V5-ANK	A319-112	Air Namibia

Cargo area

HZ-AK72	B777-FFG	Saudia Cargo
PH-MPS	B747-412F	Martinair Cargo
TF-AMP	B747-481F	Air Atlanta Icelandic
TF-AMR	B747-45EF	Air Atlanta Icelandic
ZS-SBA, ZS-SBB	B737-3Y0F	SAA Cargo

Stored

567	MB326M	ex SA Air Force	i/a
ZS-NMM	CRJ200ER	SA Express	
ZS-NMN	CRJ200ER	SA Express	

Hub traffic

Comair	B737 (10)
Mango Airlines	B737 (4)
Safari	B737 (2)
South African Airways	A319 (2), A340 (2), A330 (3), A350 (3)
South African Airlink	ERJ135 (5), ERJ140 (2), ERJ190 (3)
South African Express	CRJ200 (1), DHC-8 (2)

Cape Town

D-AIGT	A330-313X	Lufthansa
D2-TEI	B777-3M2ER	TAAG
G-CIVE, G-CIVL	B747-436	British Airways
TC-JOH	A330-303	Turkish Airlines
ZS-SJE	B737-85F	Mango
ZS-SJP	B737-8BG	Mango
ZS-SJR, ZS-SJT	B737-844	Safair
ZS-YAL, ZS-YAP	ERJ190AR	South African Airlink
ZS-YBC	ERJ170LR	South African Airlink
ZS-ZWW	B737-82R	Comair

After a lengthy 8-hour flight, I arrived at Nairobi. Soon it became apparent that I would miss my transfer to Cape Town. Fortunately, Kenya Airways had me already booked on

a flight with South African Airways to Johannesburg and a transfer from there to Cape Town. Finally, I arrived in Cape Town two hours late.

Cape Town - Waterfront Heliport		23 January 2020
ZS-HBO	EC130B4	Cape Town Helicopters
ZS-HCI	Bell 206B	
ZS-HNO	Bell 206B	NAC
ZS-RIZ	R44	Cape Town Helicopters
ZS-RJK	Bell 206B	Sport Helicopters
ZS-ROP, ZS-RTG	EC120B	Cape Town Helicopters
ZT-REG, ZT-RUM	Bell 407	NAC

From my holiday address I saw helicopters on multiple occasions, which appeared to land near the harbour. I saw a heliport near the harbour when I visited Robben Island on 22 January. I decided to do some spotting here the next day.

Cape Town-Somerset		24 January 2020
(ZS-HHK)	S-62	preserved as USN 150142

The S-62 is painted in fake USN colours and the fuselage is preserved on a pole at a metal recycling company.

Cape Town-Kraai Fontein		28 January 2020
(ZS-LYL)	CV-580	preserved

When we travelled from Cape Town to Paarl to visit a winery, this Convair was seen along Highway N1 at the Wijland Auto Museum.

Cape Town-Ysterplaat		29 January 2020
6875	C-47TP	pres., ex SA Air Force

During a trip to a shopping mall, we passed Ysterplaat Air Base, where a C-47TP Turbo Dakota is preserved. This aircraft is visible from Sable Road.

Cape Town-Waterkant		30 January 2020
ZS-DHI	PA-18A-150	n/t
ZS-PGH	PA-18	

From the house where we stayed (located in the Waterkant area) we could see some advertising aircraft overhead, which use Signal Hill as a waypoint to change their direction.

Cape Town-Waterfront Heliport		31 January 2020
ZS-HBO	EC130B4	Cape Town Helicopters

ZS-HKT	Bell 206L-3	Sport Helicopters
ZS-HMB	Bell 206B	Sport Helicopters
ZS-HNO	Bell 206B	NAC
ZS-RIZ	R44	Cape Town Helicopters
ZS-RTC	R44	NAC
ZS-RTG	EC120B	Cape Town Helicopters
ZS-RWF	Bell 206L-3	Sport Helicopters
ZT-REG, ZT-RUM	Bell 407	NAC

Today I had five more minutes to spare during a stop, so I decided to pay the Waterfront Heliport another visit. After this I went back to my holiday address as soon as possible, to have dinner with friends.

Ysterplaat-SAAF Museum 1 February 2020

Inside

208/AX-D	Vampire FB5	preserved
6447/V	Ventura GR5	preserved

Outside

531	MB326M	preserved
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Hangar 4

416	Buccaneer S50	preserved
6832/OD-K	C-47A	preserved
(372)	CL-13B	preserved as 601
7293	Harvard IIA	preserved
460	MB326M	preserved
857	Mirage 3R-2Z	preserved
213	Mirage F1CZ	preserved
896	P166S	preserved
611	SA316B	preserved
314	SA321L	preserved
1722	Shackleton MR3	preserved
93	Wasp HAS1	preserved
WV224	Whirlwind HAS22	preserved

The SAAF Museum at Ysterplaat was on my wish list for a long time. As the museum has a hangar at an active military installation, the best day to visit is a Saturday, when this hangar can also be visited. The only disadvantage is that the hangar is off-limits to foreigners. Thanks to my South African friends it was possible to visit the hangar too. At the end of the day I flew back to the Netherlands.



SA321L Super Frélon 314 was among the relics in the SAAF Museum hangar at Ysterplaat. (1 February 2020, Raymond van Dijkhuizen)



Zweisimmen Airfield (ICAO code LSTZ) is a private airfield near Zweisimmen in the Swiss canton of Bern. The REGA base is located on the north side of the airfield. AW109SP HB-ZRQ was caught on camera shortly before landing. (26 January 2020, Michiel van Herten)

Cape Town			1 February 2020
5Y-KYF	B737-86N	Kenya Airways	
D-AFAD	CL-604	FAI Rent-a-Jet	
F-GSPQ	B777-228ER	Air France	
G-CIVJ	B747-436	British Airways	
N29971	B787-9	United Airlines	
PH-BVF	B777-306ER	KLM	
ZS-SJK, ZS-SJL	B737-8BG	Mango	
ZS-SJR	B737-844	Safair	
ZS-SJW	B737-85P	Safair	
ZS-SZB	A320-232	South African Airways	
ZS-ZWJ	B737-8F2	Comair	
ZS-ZWR	B737-85P	Comair	

Cargo Area

ZS-TAG	B737-3B7SF	BidAir Cargo	
ZS-TIH	B737-3Y0SF	BidAir Cargo	
Stored (ZS-OZV)	DC.8-62HF	ex Stars Away Aviation	
Nairobi-Jomo Kenyatta			2 February 2020
B-6516	A330-223	China Southern Airlines	
F-HRBG	B787-9	Air France	

Platforms near Terminal

5Y-GMG	ATP/F	AeroSpace Consortium	
5X-IRE	B727-2Q9F	Safe Air	
5Y-MSA	B737-244F	Multiple Solutions	
A7-BFG	B777-FDZ	Qatar Airways Cargo	
G-DHLG	B767-3JHFER	DHL	

Cargo Area

5Y-KQD	B737-3U8SF	Kenya Airways Cargo	
5Y-TLC	Ce208B	DHL/Solenta Aviation	
TF-AMU	B747-48EF	Air Atlanta Icelandic	

General Aviation

5H-JUD	Ce208B	Coastal Aviation	n/t
N100QS	Global 5000	NetJets	

Hub traffic

Kenya Airlines	B737 (4), B787 (3), ERJ190 (7)		
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Others

5Y-AXL	DC-9-82	African express Airways	
5Y-CGH	DHC-8-314Q	Fly540	
5Y-FSC	DHC-8-402	748 Air Service	WFP c/s
5Y-JAF	Fokker 50	Jubba Airways	

After a flight of approximately six hours, I arrived at the airport of Nairobi. Here I had a transfer for my onward journey to Amsterdam-Schiphol. At Nairobi there are a lot of interesting aircraft. Unfortunately, some are not very well

visible from Terminal 1 (as this building is circular). A lot of platforms are not visible from where you are. Wandering around to spot aircraft at other platforms is also no option as the terminal is divided into sectors and your ticket is only valid for one sector.

Credit: Raymond van Dijkhuizen.

Day Trippin'

Switzerland

Dübendorf			25 January 2020
HB-ZQI	H145	REGA	
Pfaffnau heliport			25 januari 2020
HB-ZFM	EC120B	Swiss Helicopter	
Bern-Belp			25 January 2020
HB-JJI	Global XRS	Albinati Aeronautics	
HB-ZNH	AS350B3e	Swiss Helicopter	
HB-ZOB	R22	Mountain Flyers	
HB-ZOU	H125	Air Glaciers	
HB-ZQH, HB-ZQM	H145	REGA	
OY-LGI	Global 6000	ExecuJet Scandinavia	
Wilderswill REGA base			25 January 2020
HB-ZRN, HB-ZRX	AW109SP	REGA	
Bern-Belp			26 January 2020
HB-ZQH	H145	REGA	
Zweisimmen			26 January 2020
HB-ZRQ	AW109SP	REGA	
Gstaad - Saanen			26 januari 2020
HB-FKG	PC12/47E		
HB-ZJD	EC135P1	Lions Air	
HB-ZNR	AS350B3e	Air Glaciers	
HB-ZUT	AS350B3	Air Glaciers	
PH-JFS	PC12/45	Eurofilters Holding	
Gstaad heliport			26 January 2020
HB-ZNH	AS350B3e	Swiss Helicopter	
Gruyères			26 January 2020
HB-ZDS	EC120B	Swiss Helicopter	
HB-ZEI	AS350B3	Swiss Helicopter	
HB-ZGN	EC120B	L.M.A. Seydoux	
Lausanne			26 January 2020
HB-ZQI	H145	REGA	

Credit: Michiel van Herten

www.facebook.com/Scramblemagazine



Gstaad Heliport is a temporary heliport of Swiss Helicopter south of Gstaad. It is only used in the winter months. AS350B3e HB-ZNH was photographed at this spot, neatly parked on a small wooden platform. (26 January 2020, Michiel van Herten)



Some two weeks after the trip described above, Robert Eikelenboom visited South Africa as well. One of the photos he shot is of this very conspicuous HEMS helicopter, Bell 222UT ZS-HDI. The great light and dramatic sky were enjoyed at Rand airport on 13 February 2020.



We finish where we started: at Kuwait-International airport. Air India Express' Boeing 737-800 VT-GHF was part of the trip's by-catch as well. (17 January 2020, Raymond van Dijkhuizen)

World Economic Forum 2020



Chris Ufkes

Jean-Luc Altherr provided this years opening photo for this WEF article. The picture shows no less than nine Gulfstream G650s with G650ER VP-CNT operating for JABJ Hong kong passing by on its way to the runway. The photo was taken on 23 January 2020 at Zurich.

The annual meeting of the World Economic Forum took place from 21 till 24 January 2020 at the Davos-Klosters in Switzerland. The 2020 main theme for this year's World Economic Forum Annual Meeting was "Stakeholders for a Cohesive and Sustainable World". Participants meet together at the annual meeting to address the most pressing issues on the global agenda.

With logs from Zurich and some of the airports surrounding Zurich we have been able to produce the report you are about to read. Some aircraft have only been logged on a certain date and for some aircraft we have the full flight information.

Listed here-with is a summary of aircraft that where noted at Zürich-Kloten, Altenrhein, Basel, Bern, Dübendorf, Emmen, Friedrichshafen and Stans. The following smaller airfields/heliports have been included in our [Trips](#) section.

Most information in this article has been compiled from logs posted on various fora. With the help of photo's posted on websites like Flickr additional information has been found. We have tried to provide an overview of movements, but this log is by no means complete.

Zürich-Kloten

		January 2020					
16.15-5822	C-130J-30	37th AS	HKY767	N721V	G550	Starbucks Flight Operations	
18.HB-JWC	CL-650	Swiss Air Ambulance	19 SAZ73/1	N788DP	B737-79U	DP World	
19.FAE-052	Falcon 7X	Ala 11		N814RR	G550	Solairus Aviation	
85-0005	C-5M	9th AS	RCH296	N828CC	G650ER	Gama Aviation	
9H-VCK	CL-350	Vistajet Malta	VJT405	OE-LEO	G650	Global Jet Austria	
CS-GLG	Global 6000	NetJets Europe	20 NJE857M/427F	RA-10201	G-IVSP	Surgutneftegas	22 TRH9115/6
CS-PHD	EMB505	NetJets Europe	dep NJE501N	S5-JVA	G450	Elit'avia EAV20A	
CS-PHI	EMB505	NetJets Europe	NJE151A	T7-MHA	CL-605	Execujet Middle East 23	
D-CSCA	Ce525B	Silver Cloud Air	28 SCR378	VP-BCT	G650	Gama Aviation	
EC-NCJ	Ce560XLS+	Miguel Díaz-Tejeiro Larrañaga	21	YU-SPC	Ce560XLS	Prince Aviation 20 PNC7PC	
HB-JFK	EMB500	BelJet	23	20.98-0002	VC-32A	1st AS SAM36	
HB-JWB	CL-650	Swiss Air Ambulance	dep SAZ61	87-0035	C-5M	9th AS	
HB-JWC	CL-650	Swiss Air Ambulance	20 SAZ73/1	02-0042	C-40C	76th AS SAM75	
HB-VRW	EMB505	Air Connect International	24	2-JACK	PA-46-500TP	Icaris Ventura	
HB-ZCP	A109E	Swift Copters	20	4K-AI08	A340-642	Azerbaijan Airlines	
HB-ZHD	EC120B	Helialpin	arr	4L-GAA	CL-850	Georgian Airways 21 TGZ1703/2772	
HB-ZHK	R44	Heli Sitterdorf		9A-CRO	CL-604	Gvmt. of Croatia	
HB-ZJD	EC135P1	Lions Air Skymedia		9H-OMK	Global 5000	Avcon Jet Malta VCJ88G	
HB-ZKQ	EC120B	Heli Sitterdorf		9H-VCC	CL-350	Vistajet Malta VJT426	
HB-ZSE	AS350B3	Swiss Copters		A6-YMA	G550	Falcon Aviation Services	
HB-ZPL	AW109SP	Swiss Helicopter		A7-CGB	G650ER	Qatar Executive 23 QQE740	
I-JAMI	Falcon 7X	Sirio	SIO624	A7-CGF	G650ER	Qatar Executive QQE500	
JY-RYN	Ce650		stored	A7-MBK	A320-232X	Government of Qatar	
LX-JFH	PC-12/45	Jetfly Aviation		A9C-BHR	G450	Government of Bahrain	
M-PCPA	G550	Mirtos		B-6130	A330-243	Air China 21 CCA2	
M-YVVF	Global 6000	Lightstar Aviation		C-FCDE	CL-605	Skyservice Business Avn	
N25CP	G-V	Canyon Partners		CS-DLE	Falcon 2000EX	NetJets Europe NJE631R/26U	
N25GM	G450	Major League Baseball Aces	24	CS-DLJ	Falcon 2000EX	NetJets Europe NJE658N/238E	
N102DZ	G-V	Invesco Group Services		CS-DXT	Ce560XLS	NetJets Europe	
N214TF	Falcon 2000LXS	CVS Health		CS-LAS	Ce680A	NetJets Europe NJE879E/835L	
N652BA	G650ER	Bank Of America		CS-LTB	Ce680A	NetJets Europe NJE392N/250P	
				CS-LTL	Ce680A	NetJets Europe NJE680W/698F	
				CS-PHD	EMB505	NetJets Europe NJE763W/592F	
				CS-PHJ	EMB505	NetJets Europe NJE644K/838D	

D-CASH	EMB505	Air Hamburg	AHO285G	N605M	CL-605	Rockwell Automation
D-CHLR	EMB505	Atlas Air Service	21 ATL9K	N650XA	G650ER	Saudi Aramco
D-FQDP	PC-12/47E	Quinta do Paral		N651BA	G650ER	Bank Of America
D-INOUE	Ce525A		+22	N651XA	G650ER	Saudi Aramco
D-ITAN	Ce525	Transavia Flug		N652BA	G650ER	Bank Of America
EC-LTF	Global 6000	Gestair	23 GES91F	N656TT	G650ER	BAHC 5 Pte
EC-MHZ	G650	TAG Aviation España		N721V	G550	Starbucks Flight Operations
F-GSMS	Falcon 8X	Dassault Aviation		N886WT	G650ER	Qualcomm
G-ZENJ	Lj75	Zenith Aviation	BZE1A/B	N887WT	G650ER	Qualcomm
HB-IBJ	Falcon 2000LXS	CAT Aviation		N908VZ	G450	Verizon
HB-JOB	Falcon 7X	CAT Aviation		N933EY	Global 6000	TWC Aviation
HB-JSK	Global 6000	ExecuJet Europe		N950MP	Global 6000	Fulham Road Investment
HB-JST	Falcon 7X	CAT Aviation		N968BX	Global 6000	Grand Oriental Global Investments
HB-JWA	CL-650	Swiss Air Ambulance	22 SAZ56/1	N979JW	Falcon 7X	S.C. Johnson & Son
HB-JWC	CL-650	Swiss Air Ambulance	23 SAZ72/1	OE-FAF	Ce525A	Smartline
HB-KMA	SR22T	Aviathor		OE-FZD	Ce510	GlobeAir
HB-VNU	Ce500		stored, officially N282SA	OE-GBR	Ce560XLS	Fly Tyrol
HB-ZQK	AW139	BHS Aviation		OE-LEO	G650	Global Jet Austria
HB-ZQL	H145	REGA		OK-JFA	Beech 400A	Time Air
HB-ZRT	AW109SP	REGA		OK-VPI	G550	ABS Jets
HZ-AK44	B777-300ER	Saudia		OY-GMF	Global Express	Global Express Scandinavia
I-JAMI	Falcon 7X	Sirio	SIO624	P4-BFM	CL-605	Best Fly
I-MOFI	Falcon 2000LXS	Sirio	SIO618	P4-MIS	A319-115X	Global Jet Luxembourg
LX-GBH	Falcon 8X	Luxaviation	dep 25 LXA6A	RA-64010	Tu-204-300A	Biznes-Aero
LX-GJL	Ce525C	Global Jet Luxembourg		S5-CIK	Ce208	
LX-JFH	PC-12/45	Jetfly Aviation		S5-SAD	Global 6000	Elit'avia
LZ-OOI	Falcon 2000	Government of Bulgaria	22 BGF4	SP-LIH	ERJ175LR	Government of Poland
M-HSXP	BAe125-800XP	HEWE		T7-SSM	Global Express	Skyline Aviation
M-SOZO	G650ER	Sozo Aviation		TC-GAP	G450	Government of Turkey
N8AG	Falcon 900LX	Bloomberg Services		TC-OIL	Falcon 7X	Palmali Shipping Company
N18UD	Falcon 900LX	Anheuser-busch Inbev Worldwide		VH-YAI	Global 6000	ExecuJet Australia
N40D	G650	Dow Chemical		VP-CHZ	G650ER	JABJ Hong Kong
N40TE	Global 5000	Cisco Systems		VP-CZB	G650	Jet Aviation Business Jets
N60TE	Global 6000	Cisco Systems		VQ-BSN	Falcon 7X	Shell Aircraft
N95FP	Ce525C	Flightpartner		VT-AUV	CL-605	Fly-By-Wire Int'l
N102DZ	G-V	Invesco Group Services		VT-CPA	G550	Poonawalla Aviation
N112MY	Global 6000	MP Air		VT-RUP	Global 5000	Bajaj Holdings
N113CS	G650ER	The Blackstone Group		VT-SDK	Global Express	Bharat Forge Company
N117TF	Global Express	Tudor Investment Corp.		YU-SRB	ERJ135BJ	Gvmnt of Serbia
N142QS	Global 6000	NetJets		YU-SVJ	Ce560XLS+	Prince Aviation
N148QS	Global 6000	NetJets		YU-SVL	Ce560XLS	Prince Aviation
N154QS	Global 6000	NetJets		21.FAE-052	Falcon 7X	Ala 11
N157QS	Global 6000	NetJets		558	G-IV	4 sq
N214TF	Falcon 2000LXS	CVS Health		4270	G450	Pakistan Army
N302TR	G650ER	Sam Cayman		T.18-1/45-40	Falcon 900B	451 Esc
N3788B	G550	Blackrock Financial Management		T.18-2/45-41	Falcon 900B	451 Esc
N380ER	G650	American International Group		T-318	AS332M-1	Swiss Air Force
N390ER	G650ER	LBMA Equipment Services		T-320	AS332M-1	Swiss Air Force
N451CS	G650ER	Saban Music Group		T-325	AS332M-1	Swiss Air Force
N508GD	G500	Gulfstream Aerospace Corp.		T-339	AS532UL	Swiss Air Force
N524EA	G650ER	Carlyle Investment Management		T-340	AS532UL	Swiss Air Force
N555GA	G650ER	Hill Air Corp		82-8000	VC-25A	PAS
N600GK	Ce525	Fair Wind Air	based	92-9000	VC-25A	PAS
N600J	G550	Johnson & Johnson		163259	VH-60N	HMX-01



After having been operating as M-VRNY and owned by Mirtos for ten years the Gulfstream G550 was reregistered to M-PCPA in May 2019. Mid January 2020 the aircraft was added to the Swiss register as HB-JWY still owned by Mirtos but operated by Premium Jet. (Zurich, 19 January 2020, Robert Eikelenboom)



The Senegalese delegation used Airbus A330-941 6V-ANB for their transportation to and from the event. In between the aircraft was ferried to Charles De Gaulle. (Zurich, 21 January 2020, Robert Eikelenboom)

163264	VH-60N	HMX-01		N301SR	B737-7JV	Essar Shipping & Logistics
94-26587	UH-60L	2-3rd AVN		N311CG	G650	AvJet Corp.
99-26830	UH-60L	2-3rd AVN		N386RW	G550	Coca Cola
6V-ANB	A330-941	Air Senegal Int'l	SENE001	N390ER	G650ER	LBMA Equipment Services
9H-FCB	Falcon 7X	Albinati Aviation		N396NS	G-IVSP	Superior Transportation Associates
9H-GIO	Ce525	Luxwing	arr LWG1191	N428TX	DA42NG	
9H-OJJ	CL-650	Elitavia Malta	EAU48J	N502P	G450	Pritzker Realty
9H-TIO	Global 5000	Emperor Aviation	EMM4	N626LA	Ce680A	Textron Aviation
9H-VCC	CL-350	Vistajet Malta	VJT426	N767A	B767-2AXER	Aramco
A6-HHH	G650	Dubai Air Wing	DUB15	N979JW	Falcon 7X	S.C. Johnson & Son
A7-CGE	G650ER	Qatar Executive	QQE644	N1777M	G650ER	Blackrock Financial Management
A7-MBK	A320-232X	Government of Qatar		N3788B	G550	Blackrock Financial Management
C-GIAC	G550	Nutrien		OE-FZD	Ce510	GlobeAir GAC385E/849K
CN-RAK	Falcon 900EX	Azali Jet		OE-GBR	Ce560XLS	Fly Tyrol
CS-DXI	Ce560XLS	NetJets Europe	dep NJE75L	OE-GGM	Ce680A	Smartline
CS-DXK	Ce560XLS	NetJets Europe	24 NJE713G/155P	OE-LMA	Global 6000	Global Jet Austria
CS-GLY	Global 5000	NetJets Europe	NJE942L/720Y	OK-XLS	Ce560XLS	Silesia Air
CS-PHC	EMB505	NetJets Europe	NJE622K/752Y	RA-10201	G-IVSP	Surgutneftegas
CS-PHD	EMB505	NetJets Europe	NJE367L/582M	S5-BDM	Ce560XLS	Batagon Air
CS-PHJ	EMB505	NetJets Europe	22 NJE779M	S5-JVA	G450	Elit'avia EAV20A
CS-TFY	A320-232	Masterjet		SP-ZSZ	CL-300	Jet Story
D-AJET	ERJ135BJ	Air Hamburg	AHO678N/610R	T7-GLF	G550	Sorens Aero
D-AVIB	ERJ135BJ	Air Hamburg	AHO536B/582M	T7-LUI	Global 5000	Execujet Middle East 24
D-CFAF	Lj60	FAI Rent-A-Jet		TC-TRY	CL-850	Government of Turkey
D-CHDJ	Ce560XLS	Excellent Air		VH-FMG	Global Express	FMG Air
D-CSCE	EMB505	Luxaviation Germany		VQ-BHA	Falcon 7X	Squadron Aviation Services dep
D-CSUN	Ce560XLS+	Air Hamburg		VQ-BXD	Falcon 8X	Shell Aircraft
D-CUGF	Ce525B	Stuttgarter Flugdienst	ATL4U	YU-SPC	Ce560XLS	Prince Aviation 22 PNC7PC
D-HBFS	AW109SP	BHS Aviation		22.CE03	ERJ145LR	21sq
D-IDAS	EMB500	DAS Private Jets		2584	VC-99B	GTE
D-IGGG	Ce501	Robert Hansen	23	FAC0001	B737-74V	GRUVE 82
D-IHEB	Ce525	Silver Cloud Air	22 2x SCR64	T-340	AS532UL	Swiss Air Force
D-ITAN	Ce525	Transavia Flug		87-0035	C-5M	9th AS
D-IVVB	Ce525A	Atlas Air Service	ATL5B	02-0042	C-40C	76th AS
EC-MSS	Ce560XLS+	Gestair	GES321S	4K-AI88	G650	SW Business Aviation
F-HPGA	Beech 350i	Emil Frey (Motors) France		4L-GAA	CL-850	Georgian Airw. 24 TGZ2772/1704
F-HRFL	Falcon 2000LX	Dassault Aviation	23	4O-AOM	Fokker 100	Montenegro Airlines MGX150/1
G-ZENJ	Lj75	Zenith Aviation	BZE1A/B	6V-ANB	A330-941	Air Senegal Int'l SENE001
HB-JWB	CL-650	Swiss Air Ambulance	23 SAZ65/1	A6-ESH	A319-133X	Government of Sharjah SHJ1
HB-VPO	EMB505	Enjoy Air	SPG292	CN-RAK	Falcon 900EX	Azali Jet
HB-ZAP	Bell 429	Héli-Alpes	HIL290/1	CS-DXT	Ce560XLS	NetJets Europe
HB-ZJD	EC135P1	Lions Air Skymedia		CS-LTH	Ce680A	NetJets Europe 23 NJE106K/32U
HB-ZKQ	EC120B	Heli Sitterdorf		CS-LTM	Ce680A	NetJets Europe 24 NJE947K
HB-ZOL	EC155B1	BHS Aviation		D-AFAN	CL-850	FAI Rent-A-Jet IFA6011/45
HL8290	B737-7GE	Hyundai Motor Company		D-BTLT	CL-300	MHS Aviation
HZ-SKY4	A319-115X	Sky Prime Aviation		D-HBHS	H135	BHS Aviation
LX-JFS	PC-12/47E	Jetfly Aviation		D-INOU	Ce525A	
LZ-LDJ	MD-82	Bulgarian Air Charter	LZB491/2	F-HPGA	Beech 350i	Emil Frey (Motors) France
M-RTFS	Falcon 7X	ExecuJet South Africa		G-GLOB	Global XRS	ExecuJet UK 23
M-YVVF	Global 6000	Lightstar Aviation		G-RANE	CL-605	Saxonair Charter SXN65C
N6D	G650ER	Dell USA		G-SUGR	ERJ135BJ	Air Charter Scotland EDC285
N25CP	G-V	Canyon Partners		HB-JFE	Global 6000	Air King Jet
N40TE	Global 5000	Cisco Systems		HB-JOB	Falcon 7X	Adin
N60TE	Global 6000	Cisco Systems		HB-JST	Falcon 7X	CAT Aviation
N123KH	Falcon 2000EX	Capital Properties Management		HB-VWM	Ce525	Nomad Aviation
N250LG	Falcon 7X	Liberty Global		HL8290	B737-7GE	Hyundai Motor Company
N283CK	Global 5000			HZ-MS4C	G450	Saudi Medical Services

M-OCNY	CL-350	RCR Jets	N6D	G650ER	Dell USA
M-OONL	Global XRS	Parker Holdings	N123KH	Falcon 2000EX	Capital Properties Management
N51VE	G-V	Laurene Powell Jobs	N141QS	Global 6000	NetJets
N123KH	Falcon 2000EX	Capital Properties Management	N145QS	Global 6000	NetJets
N145QS	Global 6000	NetJets	N214TF	Falcon 2000LXS	CVS Health
N283CK	Global 5000		N301SR	B737-7JV	Essar Shipping & Logistics
N661CH	G650ER	JP Morgan Chase Bank NA	N312AF	Global 6000	Jet Aviation Flight Services
N812RX	Falcon 2000LXS	CVS Pharmacy	N344RS	G550	Lockheed Martin Corporate Aircraft
N968BX	Global 6000	Grand Oriental Global Investments	N474CG	SF50	I-Fly based
OE-FZE	Ce510	GlobeAir 23 GAC752F/641G	N524EA	G650ER	Carlyle Investment Management
OK-JRS	Ce680+	Smartwings TVS21J/2J	N527AH	ERJ190BJ	March Operations Company
PH-DWA	ERJ145LR	Air Charters Europe 23 JNL459	N555GA	G650ER	Hill Air Corp
RA-10203	G550	Jet Air Group 23 JSI9158/6	N651BA	G650ER	Bank Of America
TC-TRY	CL-850	Government of Turkey	N652BA	G650ER	Bank Of America
UR-ABA	A319-115X	Government of Ukraine UKN1101	N727DL	Saab 340E	Napleton Aviation Group
VH-FMG	Global Express	FMG Air	N780E	G550	IBM Corp
VT-CDP	Global 6000	Poonawalla Aviation 24	N887WT	G650ER	Qualcomm
23.2584	VC-99B	GTE	N908VZ	G450	Verizon
FAC0001	B737-74V	GRUVE 82	N1777M	G650ER	Blackrock Financial Management
FAE-052	Falcon 7X	Ala 11	OE-FAF	Ce525A	Smartline
558	G-IV	4 sq	OE-IPW	Falcon 7X	Jet Pool Network
4270	G450	Pakistan Army	OK-XLS	Ce560XLS	Silesia Air
T-340	AS532UL	Swiss Air Force	P4-BFM	CL-605	Best Fly BFY10P/1R
T-342	AS532UL	Swiss Air Force	SP-LIG	ERJ175LR	Government of Poland
85-0005	C-5M	9th AS	T7-CBW	EMB500	Cinic
9H-TIO	Global 5000	Emperor Aviation EMM4	T7-GLF	G550	Sorens Aero
9H-VCK	CL-350	Vistajet Malta VJT405	TC-GAP	G450	Government of Turkey
9H-VJJ	Global 6000	Vistajet Malta VJT827	TC-OIL	Falcon 7X	Palmali Shipping Company
A6-HHH	G650	Dubai Air Wing DUB15	TC-TRY	CL-850	Government of Turkey
A7-CGE	G650ER	Qatar Executive QQE644	VH-FMG	Global Express	FMG Air
CS-DXQ	Ce560XLS	NetJets Europe NJE140M/700B	VP-CHZ	G650ER	JABJ Hong Kong
CS-PHD	EMB505	NetJets Europe NJE799T/112C	VP-CNT	G650ER	JABJ Hong Kong
CS-TFY	A320-232	Masterjet	24.FAC0001	B737-74V	GRUVE 82
D-BEAM	CL-300	Aero-Dienst	558	G-IV	4 sq
D-BLUE	Falcon 2000LX	ACM Air Charter BVR222	T-784	Ce560XL	LTDB
D-CDAS	EMB505	DAS Private Jets	81-4948	C-17A	6th AS
D-CGAA	Ce560XLS+	Air Hamburg AHO311F	04-4131	C-17A	6th AS
D-CHDJ	Ce560XLS	Excellent Air	98-0002	VC-32A	1 AS
D-HBHS	H135	BHS Aviation	2-JACK	PA-46-500TP	Icaris Ventura
D-IAAB	EMB500	Arcus Air AZE19AH/11AH	9H-RBA	Beech 200GT	Tyrolean Jet Service
D-IAAB	EMB500	Arcus Air AZE12AH	A6-YMA	G550	Falcon Aviation Services
D-IHEB	Ce525	Silver Cloud Air 25 SCR64	A7-CGC	G650ER	Qatar Executive QQE850
D-IOHL	Ce525A	Excellent Air ECA3C	C-FCDE	CL-605	Skyservice Business Avn
D-ITAN	Ce525	Transavia Flug	C-GIAC	G550	Nutrien
F-HMAU	EMB500	Lei Moa	CS-DLD	Falcon 2000EX	NetJets Europe NJE745Q/509G
F-HSKI	P68TC	Alpine Airlines	CS-DXI	Ce560XLS	NetJets Europe NJE782F/873W
G-SUGR	ERJ135BJ	Air Charter Scotland EDC285	CS-DXY	Ce560XLS	NetJets Europe NJE290H/697K
HB-JFE	Global 6000	Air King Jet	CS-GLE	Global 6000	NetJets Europe NJE892P/844P
HB-JWA	CL-650	Swiss Air Ambulance 23 SAZ52/3	CS-LTB	Ce680A	NetJets Europe
HB-JWC	CL-650	Swiss Air Ambulance 24 SAZ73/1	CS-LTL	Ce680A	NetJets Europe NJE447Q/779P
HB-VNA	Ce560 Ultra	Speedwings	CS-PHJ	EMB505	NetJets Europe NJE849D/105F
HB-VPO	EMB505	Enjoy Air SPG365/57	D-ASIM	Falcon 7X	Air Hamburg AHO536B
HB-ZRW	AW109SP	REGA	D-CAWX	Ce680+	Aerowest
HB-ZRY	AW109SP	REGA	D-CDRF	Lj35A	DRF AMB34
LX-NEW	PC-12/47E	Jetfly Aviation	D-CHDJ	Ce560XLS	Excellent Air
M-RTFS	Falcon 7X	ExecuJet South Africa	D-CHLR	EMB505	Atlas Air Service ATL9K
M-SOZO	G650ER	Sozo Aviation	D-CSCB	Ce560XLS+	Silver Cloud Air 26 SCR187



Hinson Corporate Flight Services took delivery of this Gulfstream in 2010 registered as N550PM. The bizjet was acquired by Sorens Aero as T7-GLF in December 2018. The G550 still carries its new registration on a sticker. (Zurich, 23 January 2020, Walter Van Brempt)

HB-VER	Ce525A	Swiss Private Flights	arr 19
HB-VPC	Ce525A	Airone	+22
HB-VYM	EMB505	Manhag	+22
HB-ZBB	EC120B	Helialpin	+22
HB-ZHO	AS350B	Helialpin	+22
HB-ZTE	AS350B3	Helialpin	+22
HB-ZTR	EC130B4	Helialpin	+22
LN-AOC	G280	Sundt Air	24 MDT4
LX-ABC	Global XRS	Global Jet Luxembourg	
LX-LXL	Falcon 8X	Global Jet Luxembourg	+22
M-GGBL	Falcon 7X	Sozo Aviation	23 2x
M-YSSF	Global 6000	Springtime	
N44KJ	G650ER	Nasjet Business Aviation Services	
N84UP	BAe125-800XP	M & N Equipment	
N151QS	Global 6000	NetJets	24
N818TH	Falcon 900EX	The Whitewind Company	+22
OE-FMU	Ce525	Pink Sparrow	+22
OE-GDP	EMB505	Speedwings	+22
OE-LIM	G550	Avcon Jet	
OY-APM	G450	Maersk Aviation	23
OY-CKK	Falcon 2000LXS	Air Alsie	
OY-IUV	G200	Flexflight	+22
OY-RAB	Falcon 7X	Air Alsie	+22
OY-VIK	Falcon 7X	Air Alsie	
RA-10204	G650	Jet Air Group	24 JSI9151/2
SE-DJG	ERJ135BJ	EFS	
SE-RIZ	Ce560XLS	Svenskt Industriflyg	
T7-JAT	Global XRS	Empire Aviation San Marino	+22
TC-CLH	CL-605	TKJet Business Aviation	
TC-SBL	BAe125-850XP	Tarkim Air	24
VP-CHO	DHC-6-400	Odyssey Operations	+22
VP-CHR	DHC-6-400	Sea Aviation	floats, +22
VQ-BLA	G550	International Jet Club	23
22.2-NORN	EMB505	Cross Aviation	
9H-VCE	CL-350	Vistajet Malta	VJT474
C-GNVA	DHC-6-400	Planes & Parts	
CS-PHE	EMB505	NetJets Europe	NJE921A
D-AGBE	Falcon 7X	Volkswagen	
D-CSEB	Ce560XLS+	Adolf Würth	
EI-EGO	G550	Private Sky	
F-GBOL	Global 6000	Fleet Management Services	
F-GVMI	Global 6000	LVMH Services	
G-JAGA	EMB505	Luxaviation UK	
G-THFC	ERJ135BJ	Luxaviation UK	
LX-ABC	Global XRS	Global Jet Luxembourg	
M-YSSF	Global 6000	Springtime	
N44KJ	G650ER	Nasjet Business Aviation Services	
N84UP	BAe125-800XP	M & N Equipment	
OE-LIM	G550	Avcon Jet	
OY-CKK	Falcon 2000LXS	Air Alsie	
OY-VIK	Falcon 7X	Air Alsie	
SE-DJG	ERJ135BJ	EFS	
SE-RIZ	Ce560XLS	Svenskt Industriflyg	
23.HB-JWC	CL-650	Swiss Air Ambulance	SAZ72/3
24.CS-LTL	Ce680A	NetJets Europe	NJE779P

Basel - Mulhouse - Freiburg

January 2020

19.T-501	ERJ135BJ	Angolan Air Force	
EYE77	CL-605	Pakistan Navy – ISI	
9H-CGH	Falcon 50EX	Skyfirst	
CS-DSF	Falcon 8X	EJME (Portugal)	dep 24 JME419M
D-AOLG	Fokker 100	Avanti Air	dep ATV102G
D-CMET	Falcon 20E-5	DLR Braunschweig	
D-CUGF	Ce525B	Stuttgarter Flugdienst	21 ATL4U
G-KELT	A320-251N(X)	Acropolis Aviation	
HB-JRI	Global 5000	ExecuJet Europe	dep
LX-LUX	Global 6000	Global Jet Luxembourg	
M-FISH	G-V	Osprey Wings	
M-GMKM	Falcon 7X	GMK Consulting	
M-KATE	A319-133X	Sophar Property Holding	
M-PCPA	G550	Mirtos	
N108MS	B737-7BC	Yona Aviation	
N2708E	B737-7LT	Guangzhou Puyao Investment	
N380BJ	B737-7JZ	Boeing Business Jets	
N393BZ	Global 6000	Falcon Holdings	dep
N445PT	Global 5000		
N458BJ	B747-468	Government of Saudi Arabia (a/w)	
N757MA	B757-24Q	Mid East Jet	
N920KM	G-IV	Business Aircraft Leasing	
N977JG	B737-73Q	Westar General Aviation	
P4-NOF	B737-4Y0	Arabasco	std
PP-CFJ	Falcon 7X	Grande Moinho Cearense	dep 23
SX-BBJ	B737-7BC	Amjet Executive	
SX-IFA	MD-83	Amjet Executive (a/w)	wfu
T7-HAC	Global 5000	ACASS Canada	
TR-KPR	B777-236	Government of Gabon	
V5-PJM	G-III	Wings over Africa	wfu
VP-BDB	B737-9LBER	Dallah AVCO	
VP-CAC	A330-243	Mid East Jet	
VP-CTF	MD-87	AMAC Aerospace	
VQ-BGS	Global XRS	Macsteel Jet Services	
VQ-BVQ	A319-133X	VipJet	arr
20.A7-CGF	G650ER	Qatar Executive	21 QQE500/67
D-BLUE	Falcon 2000LX	ACM Air Charter	21 BVR222
HB-JGI	Falcon 7X	Rabbit Air	dep RBB111
RA-64010	Tu-204-300A	Biznes-Aero	24
VP-BSI	G550	Seaflight Aviation	dep
VT-SDK	Global XRS	Bharat Forge Company	23
21.T-501	ERJ135BJ	Angola Air Force	
9H-CGH	Falcon 50EX	Skyfirst	
A7-CGE	G650ER	Qatar Executive	23 QQE644
CS-EPE	Falcon 2000LXS	EJME (Portugal)	22 JME220E
D-AJET	ERJ135BJ	Air Hamburg	22 AHO610R
D-CMET	Falcon 20E-5	DLR Braunschweig	
G-KELT	A320-251N(X)	Acropolis Aviation	
G-SALD	Global 6000	Gama Aviation	dep 22 GMA676
HB-JGI	Falcon 7X	Rabbit Air	arr RBB121
HB-ZQL	H145	REGA	
HZ-ATR	B737-9FG	Al-Atheer Aviation	
M-ARDI	G650	Global Jet Isle of Man	



85-0005 is the 6th C-5M conversion. The Super Galaxy is being operated by 9th AS, part of the 436th Airlift Wing at Dover Air Force Base. The USAF has operated the C-5 since 1969. (Zurich, 23 January 2020, Jean Luc Altherr)



Originally delivered to Alpha Star Aviation Services as HZ-AC in October 2015, this Airbus A319-115CJ was moved only one year later to Sky Prime Aviation and registered as HZ-SKY4 in September 2016. (Zurich, 24 January 2020, Michiel van Herten)

M-FISH	G-V	Osprey Wings	9H-CGH	Falcon 50EX	Skyfirst
M-PCPA	G550	Mirtos	A7-HJJ	A330-202	Government of Qatar
M-SAMA	Global 6000	ExecuJet Middle East	M-CKSB	Falcon 2000	John Mason Aircr. Man'ment Svs 24
M-YGLF	G650ER	TAG Aviation UK	M-SAMA	Global 6000	ExecuJet Middle East
N108MS	B737-7BC	Yona Aviation	N108MS	B737-7BC	Yona Aviation
N168NJ	G550	Morgan Stanley Services Group	N126EB	G550	Elainebrown
N181GD	Falcon 2000	(Reg taped on)	N168NJ	G550	Morgan Stanley Services Group
N301SR	B737-7JV	Essar Shipping & Logistics	N605M	CL-605	Rockwell Automation
N311CG	G650	AvJet Corp.	N727DL	Saab 340E	Napleton Aviation Group 26
N380BJ	B737-7JZ	Boeing Business Jets	N828CC	G650ER	Gama Aviation
N445PT	Global 5000		N950MP	Global 6000	Fulham Road Investment
N605M	CL-605	Rockwell Automation	N4050	G5650ER	PayPal
N688FD	B737-7EG	Hongkong Jet	OE-LIP	A319-115X	Tyrolean Jet Services
N828CC	G650ER	Gama Aviation	T7-HAC	Global 5000	ACASS Canada
N920KM	G-IVSP	Business Aircraft Leasing	VP-BIB	Ce525C	Micron Leasing
N950MP	Global 6000	Fulham Road Investment	VP-CNT	G650ER	JABJ Hong Kong
P4-BBJ	B737-7AV	Carre Aviation	VP-CZB	G650	Jet Aviation Business Jets
P4-MIS	A319-115X	Global Jet Luxembourg	VP-CZW	B737-7JW	Strategic Aircraft Leasing
P4-NOF	B737-4Y0	Arabasco			
SX-BBJ	B737-7BC	Amjet Executive			
T7-HAC	Global 5000	ACASS Canada			
TC-REC	G450	REC Aviation			
TR-KPR	B777-236	Government of Gabon			
VP-BDB	B737-9LBER	Dallah AVCO			
VP-BEJ	CL601-3A	Eurojet Holding	19.HB-JWC	CL-650	Swiss Air Ambulance
VP-CAC	A330-243	Mid East Jet	20.T-721	Beech 350C	SAZ72/3
VP-CHZ	G650ER	JABJ Hong Kong	T-784	Ce560XL	SwissTopo
VP-CNT	G650ER	JABJ Hong Kong	T-786	PC-24	LTDB
VP-CTF	MD-87	AMAC Aerospace	D-HNWE	Bo105CBS-2	LTDB
VP-CZB	G650	Jet Aviation Business Jets	EC-MKH	Global 6000	Heli Aviation
22.D-BLUE	Falcon 2000LX	ACM Air Charter	G-ZENJ	Lj75	Gestair
N142QS	Global 6000	NetJets	HB-AEV	Do328-110	Zenith Aviation
23.7T-VKP	B737-800	Air Algérie	HB-LSX	Ce414	dep 23 GES61K
					21 BZE1B/A
					dereg. 14Sep17

Global 5000 N445PT, first logged on the 19th, has been officially exported to Ireland on 15 January 2020 as EI-IIN.

Bern - Belp

January 2019



Previously with McDonalds as N944GX this Global 6000 was registered as N393BZ in January 2017. It is registered to Falcon Holdings. (Basel, 19 January 2020, Dan Raistrick)



Stephan Widmer caught PC-12 OH-EKB on camera during a short visit to Stans on 21 January 2020. It is being operated by Kitzbühel Airways since 2017 as OE-EKB. It was reregistered to OH-EKB in 2018.

HB-LZH	DA42NG	Schweizerische Eidgenossenschaft	20.RA-67238	CL-605	Aviaservice	23 KZN9415/6
HB-TSA	PAC750XL	Paravia dep 8 feb	VT-APL	CL-605	Karnavati Aviation	24
HB-XXM	SE3160	Alouette Swiss ex Swiss AF V-208	21.A-932	PC-7	Pilotenschule	
HB-ZDQ	Cabri G2	Swiss Helicopter	T-315	AS332M-1	Swiss Air Force	
HB-ZEI	AS350B3	Swiss Helicopter	T-318	AS332M-1	Swiss Air Force	
HB-ZIE	EC120B	Swiss Helicopter	T-325	AS332M-1	Swiss Air Force	
HB-ZJE	EC135P1	Lions Air Skymedia	T-331	AS532UL	Swiss Air Force	
HB-ZJK	R44	Mountain Flyers	T-339	AS532UL	Swiss Air Force	
HB-ZLJ	Cabri G2	Swiss Helicopter	T-340	AS532UL	Swiss Air Force	
HB-ZLZ	A109E	Luciano Zogbi	T-342	AS532UL	Swiss Air Force	
HB-ZMG	R44	Plan B Club	T-360	EC635P2+	Swiss Air Force	
HB-ZNL	AS350B3	Mountain Flyers	T-363	EC635P2+	Swiss Air Force	
HB-ZNY	AS350B2	Mountain Flyers	T-729	Beech 1900D	LTDB	
HB-ZOK	R66	Mountain Flyers	93-26482	UH-60L	2-3rd AVN	
HB-ZON	EC130T2	Mountain Flyers	94-26587	UH-60L	2-3rd AVN	
HB-ZPH	Cabri G2	Swiss Helicopter	98-26812	UH-60L	2-3rd AVN	
HB-ZTB	AW109SP	Air Sarina	99-26830	UH-60L	2-3rd AVN	
HB-ZUD	Bell 429	Lions Air Skymedia	F-GLTK	Ce550	Valljet	
HB-ZVT	AS350B3	Pheniks	HB-ZKF	AS350B3	Air Zermatt	dereg 02Oct18
N264CE	Ce525B	Fly Invest	HB-ZQI	H145	REGA	
N6902P	PA-60-602P		M-INER	Global 6000	ICC Aviation	24
21.HB-LZH	DA42NG	Schweizerische Eidgenossenschaft	N36GV	G-V	Gama Charters	24
22.G-SUGR	ERJ135BJ	Air Charter Scotland 23 EDC285	N105ST	G550	NCR Corp.	23
25.HB-JII	Global XRS	Albinati Aviation	N1895T	G650	Chevron USA	24
HB-ZNH	AS350B3e	Swiss Helicopter	N223A	G550	APC Aviation	24
HB-ZOB	R22	Mountain Flyers	N358V	G650ER	Visa USA	23
HB-ZOU	AS350B3e	Air-Glaciars	N438E	CL-604	Aviation Consultants	24
HB-ZQH	H145	REGA	N476V	G650ER	Visa USA	23
HB-ZQM	H145	REGA	N502P	G450	Pritzker Realty	24
OY-LGI	Global 6000	ExecuJet Scandinavia 26 VMP933	N607CV	G550	Covidien	24
26.HB-ZQH	H145	REGA	N817X	Falcon 7X	TP Aviation	24
			N843S	Falcon 7X	Stanley Black & Decker	24
			N889LM	G650ER	Henry Air II	
			N931FL	G550	HP	24
			23.01-0188	C-17A	137th AS	RCH285
			T7-IFS	ERJ135BJ	Avcon Jet	
			VQ-BFD	Falcon 8X	Squadron Aviation Services	24
			25.HB-ZQI	H145	REGA	

Dübendorf air base

		January 2020	
16.04-4132	C-17A	6th AS	RCH284
06-6166	C-17A	3rd AS	RCH286
17.3H-FA	PC-7	LAbt FläFlz	
3H-FE	PC-7	LAbt FläFlz	
8T-CB	C-130K	LuTSta	
A-927	PC-7	Pilotenschule	
A-932	PC-7	Pilotenschule	
C-409	PC-9	Zielflugstaffe	
T-313	AS332M-1	Swiss Air Force	
T-315	AS332M-1	Swiss Air Force	
T-322	AS332M-1	Swiss Air Force	
T-323	AS332M-1	Swiss Air Force	
T-333	AS532UL	Swiss Air Force	
T-340	AS532UL	Swiss Air Force	
T-342	AS532UL	Swiss Air Force	
T-362	EC635P2+	Swiss Air Force	
T-751	CL-604	LTDB	
T-752	CL-604	LTDB	
V-635	PC-6/B2-H2M	Luftransport	
93-26482	UH-60L	2-3rd AVN	
98-26812	UH-60L	2-3rd AVN	
99-26830	UH-60L	2-3rd AVN	
18.RA-09616	Falcon 7X	Aviaservice	24 KZN9401/2

23.01-0188	C-17A	137th AS	RCH285
T7-IFS	ERJ135BJ	Avcon Jet	
VQ-BFD	Falcon 8X	Squadron Aviation Services	24
25.HB-ZQI	H145	REGA	

C-17A 04-4132 and C-17A 06-6166 both visited on the 16th most probably with the VH-60s as cargo. The four UH-60L helicopters departed to Illesheim Air Base on the 24th as did most of the bizjets that had arrived previously.

Emmen air base

			January 2020
22.A-103	PC-21	Pilotenschule	
A-104	PC-21	Pilotenschule	
A-107	PC-21	Pilotenschule	
A-108	PC-21	Pilotenschule	
A-915	PC-7	Pilotenrekrute	
A-918	PC-7	Pilotenrekrute	

Friedrichshafen

			January 2020
19.PH-FJK	Ce525B	Jet Netherlands	22
20.A6-CBO	Global XRS	DC Aviation Al-Futtaim	27

N148QS	Global 6000	NetJets	21	HB-FXT	PC-12		
N154QS	Global 6000	NetJets	24	HB-FXU	PC-12		
N155QS	Global 6000	NetJets	arr	HB-FYB	PC-12/47E	AlpAviation	dep 23
N157QS	Global 6000	NetJets	24	HB-HZA	PC-21	Pilatus Flugzeugwerke	
N777QX	CL-605	Corporate Wings	25 LXJ777	HB-HZC	PC-21	Pilatus Flugzeugwerke	
OE-HOP	G200	Avcon Jet	23 AOJ78P	HB-HZD	PC-21	Pilatus Flugzeugwerke	
21.A6-HAS	ERJ135BJ	Empire Aviation Group	+22	HB-VSA	PC-24	Pilatus Flugzeugwerke	
M-ANGO	Global 5000	Waylawn	+22	HB-VVA	PC-24	Pilatus Flugzeugwerke	
N1PG	G650ER	Procter & Gamble Co.	+22	HB-VVU	PC-24	Pilatus Flugzeugwerke	
N40D	G650	Dow Chemical		HB-VZM	PC-24	Pilatus Flugzeugwerke	
N76SF	CL-650	State Farm Insurance	+22	HB-VZN	PC-24	Pilatus Flugzeugwerke	
N121RS	Global XRS	Solairus Aviation	+22	LX-LAB	PC-12/45	Jetfly Aviation	to be N828RX
N141QS	Global 6000	NetJets	23	N171AF	PC-24	PlaneSense	
N197DX	Falcon 2000EX	Quest Diagnostics	+22	OH-EKB	PC-12/47E	Kitzbühel Airways	
N253CM	G-V	Cargill	+22	PK-BVM	PC-6/B2-H4	Susi Air	
N441GC	G550	Hewlett Packard	+22	T7-SUN	PC-24	Jet Management San Marino	
N456GA	G550	Hewlett Packard	+22	22.	PC-6	Pilatus Flugzeugwerke	preserved
N653MK	G550	Merck Sharp & Dohme	+22	9H-SBK	PC-24	Comlux Malta	
N688CB	G550	Thermo Fisher International	+22	HB-FVC	PC-12/47E	Pilatus Flugzeugwerke	
N716CG	Falcon 7X	Inteligo Bank	+22	HB-FVD	PC-12/47E	Air Corviglia	
N762MS	G650ER	Walmart	+22	HB-FXF	PC-12/47E	Pilatus Flugzeugwerke	
N815PA	Global XRS	Pepsico	+22	HB-HPJ	PC-9M	Pilatus Flugzeugwerke	
N821GR	G400	Blueridge Logistics	+22	HB-HZA	PC-21	Pilatus Flugzeugwerke	
N906TF	Falcon 7X	Tyson Shared Services	+22	HB-VLX	PC-24	Pilatus Flugzeugwerke	
N922H	G650ER	Honeywell	+22	HB-VXA	PC-24	Pilatus Flugzeugwerke	preserved
N989JC	G550	Johnson Controls	+22	HB-VZJ	PC-24	Pilatus Flugzeugwerke	
OY-SGP	BAe3202		stored	HB-VZL	PC-24	Pilatus Flugzeugwerke	
OY-ZEA	BAe3202		stored, S-Air c/s	HB-VZM	PC-24	Pilatus Flugzeugw.	to be N542JB
PR-BPT	Global 6000	BTG Pactual Holding	23	HB-VZN	PC-24	Pilatus Flugzeugw.	to be PR-KOT
RA-10203	G550	Jet Air Group	22 JSI9155/7	HB-VZO	PC-24	Pilatus Flugzeugwerke	
VQ-BXD	Falcon 8X	Shell Aircraft	+22	VH-FZQ	PC-24	RFDS	
22.N40D	G650ER	Dow Chemical					
N145QS	Global 6000	NetJets	23				
24.CS-LTL	Ce680A	NetJets Europe	NJE779P				
XA-PTR	G-IVSP	Servicios Aereos Surtep	dep				

Stans - Buochs

January 2020			
21.A-105	PC-21	Pilotenschule	
J-2313	Mirage III	Swiss Air Force	preserved
HB-FDU	PC-6/B2-H2	Air Glaciers	
HB-FOA	PC-12		
HB-FOW	PC-12/45	Future Wings	
HB-FPR	PC-12/45	Rosen Swiss	
HB-FRD	PC-12		
HB-FRJ	PC-12/47E	Pilatus Flugzeugwerke	to N560HA
HB-FRK	PC-12/47E	Pilatus Flugzeugwerke	to OK-TBA
HB-FRL	PC-12		
HB-FRN	PC-12	Chinese-titling	
HB-FRO	PC-12	Chinese-titling	
HB-FVC	PC-12		
HB-FVP	PC-12		
HB-FXM	PC-12		



Like every year the Swiss Air Force performs guard duties during the Davos meeting. Caspar Smit visited Payerne Air Base on 21 January 2020 and took this photo of two Swiss Air Force F/A-18C Hornets with J-5002 on the foreground.

Stans is always a challenge as it is not always clear how aircraft have been logged. The PC-24 for the Australian RFDS on the 22nd has also been send in logged as HB-VZQ. The new production hall on the far side of the runway is now in use, producing PC24s. The (old) PC-21 hanger next door is now a maintenance hangar for all Pilatus types. PC-12s 1938, 1939, 1940, 1941, 1942, 2002, 2004, 2005, 2006, 2007, 2009, 2010 and 2016 have been logged on the 21st and the 22nd with the first three carrying Chinese-titles. PC-24 170 and 173 to 175, 177, 179 to 187 have also been seen without registration on the 21st and 22nd.

Not all aircraft logged actually moved. If you have any additions and/or corrections, please sent us an e-mail. The World Economic Forum Annual Meeting 2021 will be held from 26 to 28 January.

Credits: Michael Farley, Sander Molleman, Kevin Dupuy, Michiel van Herten, Jan Swart, Civil Aviation Enthusiasts-list, Scramble forum.

NASC Taichung



Reinier Schreurs

NA-106/6555 is one of three AS365N3s on strength with NASC Taichung. According to our records the NASC has ten AS365s in total. (Taichung, 18 October 2019, Reinier Schreurs)

Our resident correspondent in Taiwan, Reinier Schreurs, had the opportunity to visit the second brigade of the National Airborne Service Corps in Taichung and sent us this contribution.



On 10 March 2004 the Airborne Squadron of the National Police Agency, the Preparatory Office of the Airborne Fire Fighting Squadron of the National Fire Agency, the Aviation Team of the Civil Aeronautics Administration of the Ministry of Transportation and Communications, and the Air Patrol Squadron of the Coast Guard Administration were merged into a single agency, the National Airborne Service Corps (NASC).

The NASC is responsible for five major tasks: Search and Rescue, Disaster Relief, Emergency Medical Services, Reconnaissance and Patrol, and Transportation. The NASC is divided into three brigades, each with their own area of responsibility.

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ity. The service area of the first brigade is mainly located in the north and east and includes for instance Keelung, Taipei, Taoyuan, Hsinchu, Yilan and Hualien. The service area of the second brigade is mainly located in the middle and includes for instance Miaoli, Taichung, Nantou, Yunlin and Changhua. And the service area of the third brigade is mainly located in the south and includes for instance Chiayi, Tainan, Kaoshiung, Pingtung, Taitung and Green Island.

For their duties the NASC operates a mix of helicopters and fixed wing aircraft. The station in Taichung operates three UH-60M "Redhawks" for high altitude rescue (over 8000 feet) and search and rescue missions and three AS-365 for medium and low altitude rescue (under 8000 feet) and search and rescue missions. They have the following helicopters on strength:

NA-106/6555	AS365N3
NA-108/6561	AS365N3
NA-110/6568	AS365N3
NA-702/27280	UH-60M
NA-705/27292	UH-60M
NA-708/27291	UH-60M

Thanks to Mr. Lin Kuo-Chiang (Johnny) who made this visit possible and Mr Ho Yu-San (Herb) who accompanied the visit.



The NASC also operates the UH-60M. Three of these are based at Taichung. (18 October 2019, Reinier Schreurs)

HAI Heli-Expo 2020



Chris Ufkes

Bell Textron currently has four Bell 525 on the FAA register. N525TY is the most recent built frame registered in 2018. It carried additional Wintershall Dea titles during its display referring to the Norwegian oil and gas operator. It was announced that the collaboration of Bell with Wintershall Dea has the purpose to bring enhanced helicopter operational safety to the North Sea. (Anaheim (Ca), 31 January 2020, Lukas Hollnsteiner)

The annual HAI Heli-Expo took place in the Anaheim Convention Centre, California from 27 till 30 January 2020.

The 2020 show covered over 29000 square metres with 657 exhibiting companies on the show floor. There were also 62 helicopters on display, ranging from small to large and from older aircraft to mock-ups of models approaching certification. Also displayed were several remotely piloted vehicles. There were a few major headlines this year with perhaps the biggest being Leonardo buying Kopter.

Airbus Helicopters announced performance enhancements on both their H125 and H135. DRF (Germany) orders 15 new H145s, 3 H135s and retrofits its current H145 fleet. NASA ordered three H135 helicopters for security during rocket launches, emergency medical services and qualified personnel transport. Maverick Helicopters announced a CRFS (crash resistant fuel system) retrofit for its EC130B4 fleet. Metro Aviation adds 12 EC145e helicopters to its fleet. The U.S. Customs and Border Protection will enhance its patrol and surveillance capabilities with the addition of 16 new Airbus H125 helicopters. Svensk Luftambulans - has ordered three new H145 helicopters. The Swedish company will also have its existing three earlier model H145s retrofitted to the

same standard as the new aircraft. Ascent Helicopters will expand its fleet with a new Airbus H125 in support of power line work and firefighting missions.

Metro Aviation announced the delivery of the first American-made EC145e, which was completed for Duke Life Flight.

The Tennessee Valley Authority will add four Bell aircraft including two Bell 429 and the first two IFR configured Bell 407GX aircraft to their fleet. Bell signed a purchase agreement with the Alameda County Sheriff's Office Air Support Unit for a public safety configured Bell 505 Jet Ranger X. The manufacturer also announced a signed purchase agreement with the Leon County Sheriff's Office in Tallahassee for a public safety-configured Bell 505 Jet Ranger X.

Milestone Aviation Group announced the purchase and leaseback of three AW139s with French helicopter services provider Hélicoptères de France. The transaction also includes the lease of an additional AW139, two Airbus H225s, and the lease extension of a further AW139 for use in Africa and Asia.

Halo Flight has signed a purchase agreement for a Bell 407GX with Instrument Flight Rules (IFR) kit to add to its existing Bell aircraft fleet.



Part of the Airbus exhibit was this AS350B3 with registration G-CLBW. Its registration was changed to G-HITA in February 2020 but Airbus Helicopters UK remains the registered owner. (Anaheim (Ca), 30 January 2020, Kenneth I. Swartz)



N517AH is an EC145C2e destined for Canadian Ambulance Services Airmedic. Metro Aviation announced it's moving closer to receiving Transport Canada certification for the EC145e's IFR package. Upon delivery the helicopter will take up registration C-FTMQ. (Anaheim (Ca), 31 January 2020, Lukas Hollnsteiner)

Registration	Type	Operator	c/n	Remark
C-FFCL	AS332L1	Horizon Helicopters	2099	Firecat titles
C-FNCH	AS350B3	LR Helicopters	7225	
C-GPID	Bell 505	Bell Textron	65170	
G-CLBW	AS350B3	Airbus Helicopters UK	8635	to G-HITA Feb20
G-XAML (N366PA)	H130	Airbus Helicopters UK	8742	ACH130 Aston Martin Edition
N16WW	Cabri G2	Precision Aviation	1264	reg'd 11Mar20
N17FH	Bell 429	Black Ops Aviation	57343	
N19NL	UH-60A	Firehawk Helicopters	70-227	ex US Army 80-23469, Firehawk titles
N35DH	EC130T2	John R. Lawson Rock & Oil	8593	
N40HX	Enstrom 280FX	Larry Hamilton	2146	
N44UH	K-1200	Heli Express	A94-0051	
N50NT	R22	Alba Leasing	4677	
N52SH	AS350B2	Shier Aviation	7169	
N55UP	Bell 505	State of Indiana	65118	
N60CU	Bell 206B	Universal Helicopters	3750	
N101ZW	UH-60A	Unical Defense	70-257	ex US Army 80-23499, Coulson-Unical titles
N110SD	H269C-1	Wayne Mauro	0276	
N139H	Bell UH-1V	Pinal County Sheriff	13580	ex US Army 73-22097, Search and Rescue titles
N139PR	AW139	Honeywell International	31101	
N198AE	AW139	Pista Acquisitions	41273	
	AS350B3	Temsco Helicopters	3371	



The Vahana is a self-piloted, one seat (unoccupied), eVTOL demonstrator. It has a tested range of 50 km. The configuration is a tandem tilt-wing. This urban-air-mobility concept demonstrator is being retired. The vehicle made its final test flight on 14 November 2019. N302VX made its final appearance at the Heli-Expo. (Anaheim (Ca), 30 January 2020, Kenneth I. Swartz)

N226LA	AS350B3	LAPD	8636	
N283SD	S-70i	San Diego Fire Department	70-4025	"3"
N302VX	VAH001	Airbus Industrie	002	Vahana
N308TC	AW169	Travis County	69085	Star Flight titles
N314SS	AW189	ERA Helicopters	49019	
N381RD	Bell 212	Red Rains Aviation	30850	"Wounded Warriors Family Support" decal
N407HW	Bell 407GXl	Bell Textron	54567	
N407PF	Bell 407	Bell Textron	53157	
N407VC	Bell 407GXl	Bell Textron	54806	
N411UH	Bell 407GX	University of Utah AirMed	54330	opby Metro Aviation
N412EX	Bell 412EPX	Bell Textron	39103	Bell Subaru 412EPX
N413CE	Bell 429	Southern California Edison	57376	
N429WM	Bell 429	Bell Textron	57056	
N466SA	SB7L-360A	CSI Aviation	070009	
N483DF	S-70i	Cal Fire	70-4030	"903", delivered as N746SX
N499AH	H135	Airbus Helicopters	2068	
N505CY	Bell 505	Bell Textron	65177	
N505EX	Bell 505	Bell Textron	65260	
N517AH	EC145C2e	Metro Aviation	9805	Airmedic c/s, to be C-FTMQ
N525TY	Bell 525	Bell Textron	62015	Wintershall Dea titles
N540HH	MD540	MD Helicopters	0186FF	
N548BF	Bell 412EP	Bell Textron	36548	
N553XB	S-76D	Sikorsky	761019	
N562AH	H125	Airbus Helicopters	8696	
N589HF	AH-1G	Army Aviation Heritage Foundation	20253	ex US Army 67-15589
N619GE	H145	San Diego Gas Electric	20156	
N755AE	AS350B3	Eurotech	7763	
N821LA	S-70A	L.A. County Fire	70-4023	"21"
N824BM	TH-119	AgustaWestland USA	14725	"Navy" decals
N832SB	H125	San Bernadino Sheriff	8487	"2"
N911HN	Bell HH-1N	Santa Babara County Sheriff	31627	Search and Rescue titles, '4' on its tail
N917SU	Bell 206L-4	Southern Utah University	52127	
N920FC	MD530F	Fresno County Sheriff	0255FF	
N1032F	OH-58A	Washoe County Sheriff	41146	ex US Army 70-15595
N3115T	R44	Lung Biotechnology	11317	manned electric helicopter
N4050P	R44	Robinson Helicopters	30061	
N4054M	R44	Robinson Helicopters	14364	
N4054Y	R44	Robinson Helicopters	13525	
N4057T	R66	Robinson Helicopters	0975	
N8286	UH-60A	High Performance Helicopters	70-103	ex US Army 79-23286
N8652Q	Enstrom 480B	Enstrom Helicopter	5223	"Celebrating 60 years"
N40577	R66	Robinson Helicopters	0944	
N73985	Bell 47G	Los Angeles City Fire Department	2894	
XA-ARM	H125	Antair	4830	
XA-ZRA	EC175	Pegaso Transportes Aeros	5032	

The Kopter SH09 on display was a full scale mock-up.

Erickson has announced a new production line of the S-64 Air Crane helicopter introducing the S-64F+ to the market.

Rainier Heli International signed a Memorandum of Agreement (MOA) with Kopter for five firm and five SH09 options in March 2018. The company has decided to expand their existing SH09 options to a total of ten SH09 options.

The Botswana Air Support ordered three Enstrom 480B

helicopters, for delivery in the spring of 2020.

In 2021 the Heli-Expo will take place in New Orleans, Louisiana from 22 till 25 March (exhibit floor open March 23-25).

Credits: Lukas Hollnsteiner, Damon J. Duran (Flickr), Zenon Sanchez, Vertical Flight Society (Youtube), Vertical Magazine (Youtube), Helis.com, Airbus helicopters, Bell, Enstrom, Leonardo, Kopter Group.



The Bell 412EPX was developed for Japan's UH-X competition. Subaru (former Fuji) will assemble the helicopter at its Aerospace Company Utsunomiya Plant in Tochigi Prefecture, Japan. N412EX was on display with Subaru titles. (Anaheim (Ca), 30 January 2020, Kenneth I. Swartz)

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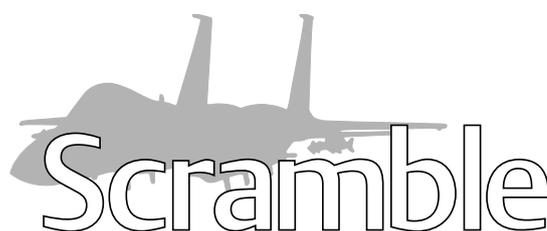
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Estafeta Carga Aerea has a fleet of two B737-300SFs and two B737-400SFs. XA-EME is one of the B737-400SFs and is used for cargo flights to among others Miami (FL). (25 February 2020, Anton Homma)



iAero, formerly known as Swift Air, has a single freighter in its fleet in the form of this B737-300SF N811TJ. iAero will get a second 737 freighter in the very near future, which will be registered N916SC and will be in full DHL colours. (Miami-International (FL), 25 February 2020, Anton Homma)



Aeronavas flies daily to Miami (FL) from Mexico, using Metroliners and bigger equipment like this MD-82SF XA-UTX. This MD was delivered to them in March 2014 and flew with American Airlines before that as N430AA. (Miami-International (FL), 24 February 2020, Anton Homma)



Four Bell UH-1ST helicopters were delivered to the Costa Rican police force in March 2019, via the US Department of State's bureau for International Narcotics and Law enforcement affairs (INL). (MSP027, UH-1ST, SVA, San Jose, 12 March 2020, Johnny Rod)



New flagship of the Costa Rican Ministry of Public Security is this Beech 200GT. Delivered last year, it is equipped with surveillance technology. (MSP002, Beech 200GT, SVA, San Jose, 12 March 2020, Johnny Rod)



A "new" kid on the block of the Ministry of Public Security of Costa Rica is this Beech G58. It was first noted as such in November 2019, and still lacks the standard blue or grey colours. (MSP015, Beech G58, SVA, San Jose, 12 March 2020, Johnny Rod)