

# Military Movements Elsewhere



Paul Betten visited Kadena, Japan, on 1 December 2017 and encountered 45th RS operated RC-135U 64-14847/OF rolling towards its parking-stand. New feature on this Combat Sent ISR data gathering platform is the sharkmouth decoration next to the chin radar arrays.

## Germany

### Geilenkirchen

		November 2017	
02.053	Falcon 20ECM	717Skv	NORW717B
ZM402/402	Atlas C1	24/70 sq	RRR4652
58-0056/HH	KC-135R	203rd ARS HI ANG	13 RCH608
03.57-1436	KC-135R	151st ARS TN ANG	dep RCH441
58-0119	KC-135R	151st ARS TN ANG	dep RCH440
06.D-AGPH	Fokker 100	Avanti Air	TAY507P/TAY5015
07.63-8003	KC-135R	141st ARS NJ ANG	17 RCH898
63-8040	KC-135R	141st ARS NJ ANG	17 RCH970
09.58-0079	KC-135R	153rd ARS MS ANG	20 RCH650
10.OY-RJC	CRJ200LR	BackBone Aviation	PAV4978
17.ZM409/409	Atlas C1	24/70sq	RRR4654/RRR4655
F-HFKE	ERJ145ER	Enhence Aero	SVB80P/SV783
OE-IAG	B737-4Q8(SF)	ASL Airlines	TAY605P/TAY5053
22.82+65	EC135T1	HFWS	GAM333
23.053	Falcon 20ECM	717Skv	24 NORW717C
24.30+54	EF2000(T)	TLG 31	* PACK11
27.61-0264	KC-135R	166th ARS OH ANG	RCH702
28.59-1444	KC-135R	166th ARS OH ANG	RCH635
D-HEGY	AS332M	Bundespolizei	BPO105
29.57-1486	KC-135R	153rd ARS MS ANG	RCH141
30.D-HEGL	AS332M	Bundespolizei	BPO105
OO-TFA	B757-28C	ASL Airlines	TAY502P

Credits: Rolf Flinzner, Scramble messageboard.

### Nürnberg

		November 2017	
01.84-00165	C-12U-3	E/1-214th AVN	Duke60
99-00102	UC-35A	E/1-214th AVN	Duke62
02.16-20821	UH-60M	3-227th AVN	* Army20821
03.84-00156	C-12U-3	E/1-214th AVN	Duke59
05.MM62168	P180AM	28°Gr	IEI2801
06.84-00156	C-12U-3	E/1-214th AVN	Duke62
07.07-8609/RS	C-130J-30	37th AS	Herky12
08-8601/RS	C-130J-30	37th AS	Herky11
15-5822/RS	C-130J-30	37th AS	Herky13
15-20791	UH-60M	3-227th AVN	* Army20791
08.50+73	C-160D	LTG63	GAF114
69-0024	C-5M	436th AW	RCH436/690
09.99-00102	UC-35A	E/1-214th AVN	Duke59
10.MM61258	Do228-212	28°Gr	IEI2801
11.ZZ330/330	Voyager KC2	10/101sq	RRR2136
12.MM62158	Do228-212	28°Gr	IEI2801

13.CH03	C-130H	20sq	BAF642
CH09	C-130H	20sq	BAF640
14.03	C-17A	HAW	Bartok50
97-00102	UC-35A	E/1-214th AVN	Duke64
15.15+01	A319-115X	FBS BMVg	* GAF854
16.15+01	A319-115X	FBS BMVg	* GAF841
50+77	C-160D	LTG63	* Dasa04
84-00162	C-12U-3	E/1-214th AVN	Duke60
17.MM62168	P180AM	28°Gr	
84-00156	C-12U-3	E/1-214th AVN	Duke59
18.ZZ331/331	Voyager KC3	10/101sq	RRR2192/93
20.84-00162	C-12U-3	E/1-214th AVN	* Duke33
84-00165	C-12U-3	E/1-214th AVN	Duke62
92-26436	UH-60L	A/2-227th AVN	* Army26436
21.055	AH-64D	Group10/UAE AF	
22.067	AH-64D	Group10/UAE AF	
97-00102	UC-35A	E/1-214th AVN	Duke61
15-20794	UH-60M	3-227th AVN	28?
16-20863	HH-60M	C/2-227th AVN	*
16-20868	HH-60M	C/2-227th AVN	*
24.15+02	A319-115X	FBS BMVg	* GAF880
25.ZZ338/338	Voyager KC3	10/101sq	RRR2152/53
27.84-00165	C-12U-3	E/1-214th AVN	Duke62
28.84-00165	C-12U-3	E/1-214th AVN	Duke33
29.84-00162	C-12U-3	E/1-214th AVN	Duke60

Credits: MAR, Scramble messageboard.

### Ramstein

		November 2017	
01.87-0044	C-5M	60th AMW	RCH968/956
01-0186	C-17A	436th AW	03 RCH109
03-3125	C-17A	305th AMW	RCH174
04-4133	C-17A	305th AMW	dep RCH348
06-6158	C-17A	60th AMW	dep RCH707
09-9212	C-17A	437th AW	dep RCH266
10-0217	C-17A	62nd AW	02 RCH305
10-0222	C-17A	437th AW	02 RCH708
64-14839	KC-135R	108th ARS IL ANG	02 RCH178/151
02.87-0030	C-5M	60th AMW	RCH801
90-0535	C-17A	89th AS AFRC	03 RCH836
06-6158	C-17A	60th AMW	RCH707
09-9209	C-17A	62nd AW	dep RCH109
10-0218	C-17A	62nd AW	03 RCH267
62-4132/OF	RC-135W	55th Wg	* Hawg95



Based at NAS Whidbey Island (WA), this VP-69 "Totems" P-3C AIP+ Orion 163004 came by Paul Betten's camera on 1 December 2017 at Kadana Japan. The squadron roots are visible in the tail where the green totem markings show some colour. In the back two 44th FS/18th FW F-15C Eagles are seen.

91-0310/LN	F-15E	494th FS	Dude22	10.CH09	C-130H	20sm	2x BAF639/639A
00-3004/LN	F-15E	494th FS	Dude21	ZH901	Chinook HC5	27sq	SHF423
14.08-8602/RS	C-130J-30	37th AS	Lion478	ZH887/887	Hercules C5	24/30/47sq	RRR5815
64-14844/OF	RC-135V	55th Wg	16 Olive55/56	14.MM62202	P-180	71°Gr GE	IAM1495
15.87-0027	C-5M	433rd AW AFRC	16 RCH141	258	LJ45	102sq	IRL258
59-1476	KC-135R	92nd/141st ARW	16 RCH341	16.ZJ123	Merlin HC3	845NAS	Jungli411
16.16-0055	A400M	221 Filo	17 TUAF808	F-ZBMC	Dash 8	Securite Civile	Merlin73
07-7178	C-17A	305th AMW	RCh607	22 97-0105	UC-35A	E/1-214th AVN	Duke25
09-9207	C-17A	437th AW	RCH528	23.ZM415/415	Atlas C1	70sq	RRR4666
84-0087	C-21A	76th AS	Valor76	ZA720	Chinook HC4	18sq	2x Ultimate1
62-3519	KC-135R	22nd ARW	17 RCH606	ZH904	Chinook HC5	18sq	2x Ultimate2
91-0301/LN	F-15E	492nd FS	* Trek11	24.14+02	Global 5000	FBS BMVg	GAF624
91-0312/LN	F-15E	492nd FS	* Trek12	252	CN235M-200	101sq	IAC252
97-0220/LN	F-15E	492nd FS	* Bolar31	ZM415/415	Atlas C1	70sq	RRR4668/4669
169010/LL	P-8A	VP-30	VVLL825	28.ZH885	Hercules C5	24/30/47sq	RRR100
17.07-0033	CV-22B	7th SOS	arr	252	CN235M-100	101sq	IRL252
12-0065	CV-22B	7th SOS	arr	29.103	Xingu	28F	FNY5028
18.58-0075	KC-135R	756th ARS AFRC	19 RCH982	252	CN235M-100	101sq	IRL252
19.79-0433	KC-10A	305th AMW	RCH301	30.011	C295M	13.elt	PLF044
20.79-0433	KC-10A	305th AMW	RCH301	ZH899	Chinook HC4	18sq	Pegasus1
21.16-0055	A400M	221 Filo	22 TUAF808	<b>Credits:</b> MAR, Scramble messageboard.			
ZK383/383	Typhoon T3	nmks	* Typhoon23	<b>Prestwick</b>			
87-0042	C-5M	60th AMW	22 RCH164	01.92-1534	C-130H	187th AS WY ANG	RCH627
85-0002	C-5M	436th AW	RCH645	92-1537	C-130H	187th AS WY ANG	RCH637
26.168071/BH	KC-130J	VMGR-252	29 Bronco31/38	02.96-1005	C-130H	109th AS MN ANG	03 RCH254
27.84-0192	KC-10A	305th AMW	RCH220	G-CGKR/KR	Tutor T1	UGSAS	* UAJ39
08-8190	C-17A	437th AW	28 RCH108	03.130333	CC-130H	424sq	04 CFC2035
60-0355	KC-135R	(92nd/141st ARW)	28 RCH550	96-1004	C-130H	109th AS MN ANG	04 RCH700
28.84-0192	KC-10A	305th AMW	RCH220	04.130606	CC-130J-30	436sq	07 CFC2512
84-0083	C-21A	76th AS	Valor21	130616	CC-130J-30	436sq	06 CFC2575
62-3506	KC-135R	117th ARS KS ANG	29 RCH558	96-1006	C-130H	109th AS MN ANG	05 RCH677
62-4134/OF	RC-135W	55th Wg	01 Snoop55	05.130613	CC-130J-30	436sq	06 CFC2567W
29.62-3573	KC-135R	91st ARS	30 RCH725	09-0623	MC-12W	185th SOS OK ANG	06 FL623
62-3545	KC-135R	22nd ARW	30 RCH147	09-0639	MC-12W	185th SOS OK ANG	06 FL639
165151	C-20G	CFLSW Sigonella	Catbird1	96-1008	C-130H	109th AS MN ANG	06 RCH717
168071/BH	KC-130J	VMGR-252	01 Bronco38/31	06.164993/BD	C-130T	VR-64	08 CNV6026
30.84-0079	C-21A	458th AS	RCH375	07.ZM413/413	Atlas C1	70sq	* Coronet433
63-8000	KC-135R	92nd/141st ARW	01 RCH462	ZK459/X	Beech B200	45(R)sq	* CWL77
63-8025	KC-135R	unmarked	01 RCH544	ZH004	Defender AL2	651sq	AA503
62-4132/OF	RC-135W	55th Wg	dep Snoop56	ZA588/056	Tornado GR4	Marham Wg	* MRH42
<b>Credits:</b> MAR, Scramble messageboard.				08.ZM415/415	Atlas C1	70sq	* RRR440
<b>Northolt</b>				ZH002	Defender AL2	651sq	* AA003
01.97-00105	UC-35A	E/1-214th AVN	Duke26	08-5693	C-130J-30	39th AS	RCH549
03.1501	C-130E	14.elt	PLF254	164993/BD	C-130T	VR-64	CNV6102
09.84-0085	C-21A	76th AS	Falcon01	09.ZK023/N	Hawk T2	4(R)sq	* VYT66
ZM523	Juno HT1	DHFS	10 SYS707	84-0126	C-21A	76th AS	Valor11

**November 2017**

**Northolt**

01.97-00105	UC-35A	E/1-214th AVN
03.1501	C-130E	14.elt
09.84-0085	C-21A	76th AS
ZM523	Juno HT1	DHFS

**November 2017**

Duke26
PLF254
Falcon01
10 SYS707

**Credits:** MAR, Scramble messageboard.

**Prestwick**

01.92-1534	C-130H	187th AS WY ANG	RCH627
92-1537	C-130H	187th AS WY ANG	RCH637
02.96-1005	C-130H	109th AS MN ANG	03 RCH254
G-CGKR/KR	Tutor T1	UGSAS	* UAJ39
03.130333	CC-130H	424sq	04 CFC2035
96-1004	C-130H	109th AS MN ANG	04 RCH700
04.130606	CC-130J-30	436sq	07 CFC2512
130616	CC-130J-30	436sq	06 CFC2575
96-1006	C-130H	109th AS MN ANG	05 RCH677
05.130613	CC-130J-30	436sq	06 CFC2567W
09-0623	MC-12W	185th SOS OK ANG	06 FL623
09-0639	MC-12W	185th SOS OK ANG	06 FL639
96-1008	C-130H	109th AS MN ANG	06 RCH717
06.164993/BD	C-130T	VR-64	08 CNV6026
07.ZM413/413	Atlas C1	70sq	* Coronet433
ZK459/X	Beech B200	45(R)sq	* CWL77
ZH004	Defender AL2	651sq	AA503
ZA588/056	Tornado GR4	Marham Wg	* MRH42
08.ZM415/415	Atlas C1	70sq	* RRR440
ZH002	Defender AL2	651sq	* AA003
08-5693	C-130J-30	39th AS	RCH549
164993/BD	C-130T	VR-64	CNV6102
09.ZK023/N	Hawk T2	4(R)sq	* VYT66
84-0126	C-21A	76th AS	Valor11

**November 2017**



Several Republic of China Air Force (RoCAF) aircraft were adorned with special tails over the last weeks. Seen here is F-CK-1D registered 1627/88-8118 of the Tainan based 1st Tactical Fighter Wing landing at Hsinchu AB for the yearly Open Day in November. (Hsinchu, 20 November 2017, Arnold ten Pas)

#### Su-35

On 1 December another five Su-35s were delivered to China (Suixi) bringing the total to fourteen, ten short of the 24 ordered. The delivery also revealed a discussion on the internet whether any more of these aircraft are needed, as the J20 is believed to be as great a platform as, or even better than, the Sukhoi and all peculiarities of the Su-35 can also be learned from fourteen airframes. In December TASS reported fifteen aircraft had been delivered, but then we have one frame unaccounted for.

**Y5**  
53512 Transport Regiment Western TC nov17

**Y8C**  
6012 15th ABC nov17

**Y8T**  
30275 26th Div/77th Reg **411801** aug17

**Y9**  
10250 4th Div/10th Reg dec17

#### People's Liberation Army (AR)

**Y9**  
LH94011 81st Brigade del 15dec17

**Z8A**  
LH97802 80th Brigade dec17  
LH912811 121st Brigade nov17

**Z19**  
LH97976 80th Brigade dec17  
LH97982 80th Brigade dec17  
LH99989 79th Brigade dec17

#### People's Liberation Army Navy (NY)

**J11BH**  
83387/37 8th Div/24th Reg dec17

**J11BSH**  
83287/27 8th Div/24th Reg dec17

**JL8**  
83201/21 83rd Brigade nov17  
83206/26 83rd Brigade nov17  
83207/27 83rd Brigade nov17

#### Z9D

9776 2nd Div/5th Reg dec17  
9816 2nd Div/5th Reg dec17

#### Police (PO)

**Z8AWJ**  
WJ528301 WJS/Ningxia Corps dec17

#### Manufacturers

##### AG600

B-002A AVIC/CAIGA f/f 24dec17

As reported live on Chinese television, on 24 December the AG600 amphibian made its first flight. With a length of 36.9metres and span of 38.8, it is the largest modern time amphibian flying around. The aircraft is intended for SAR missions and might also become available for forest firefighting. The navy used to operate the SH5 amphibian flying from Qingdao, but its anti-submarine warfare tasks were taken over by the Y8Q in 2015.

##### JF-17B/FC-1B

02 CAC/PAC f/f 7 dec17

The second prototype of the JF-17B made its first flight from Chengdu, still unpainted.

##### L-15B

On 21 December the first Hongdu L-15B took to the air for the first time. Painted in camouflage with Chinese roundel one can suspect that this light fighter is not only intended for export, but might also attract interest from both the PLAAF and the PLAN. Known changes compared to the L-15 include hardpoints under the wing and improved electronic systems.

#### India

##### Indian Defence (DF)

On 22 December 2017, Hindustan Aeronautics Limited (HAL) received a Request for Proposal (RFP) from the Indian Air Force and Indian Army to manufacture fifteen limited series Light Combat Helicopters (LCH).

The Light Combat Helicopters (LCH) is a 5.5-ton class, combat helicopter designed and developed by HAL. It is powered by two Shakti engines (a derivative of the Turbomeca helicopter engine) and inherits many technical features of the

Last two F-15DJs received special tail markings for the Nyutabaru open house, not very sensational and these will not last until the new year.

**F-15J**

32-8825	305 Hikotai	nb, ex IRAN	<b>025</b>	dec17
42-8829	o/h RJNA	nb, test, ex 303 Hikotai	<b>029</b>	nov17
42-8838	23 Hikotai	ex nb/IRAN	<b>038</b>	dec17
42-8842	201 Hikotai	ex IRAN	<b>042</b>	dec17
52-8847	23 Hikotai	ex IRAN	<b>047</b>	dec17
52-8858	o/h RJNA	nb, test, ex 23 Hikotai	<b>058</b>	dec17
52-8863	203 Hikotai	ex IRAN	<b>063</b>	nov17
62-8865	o/h RJNA	nb, ex 305 Hikotai	<b>065</b>	oct17
82-8904	201 Hikotai	nb, ex IRAN	<b>104</b>	dec17
92-8908	204 Hikotai	ex AGG	<b>108</b>	dec17
02-8916	304 Hikotai	t/d badge, ex 306 Hik	<b>116</b>	dec17
02-8922	o/h RJNA	nb, ex 204 Hikotai	<b>122</b>	dec17
12-8926	306 Hikotai	ex IRAN	<b>126</b>	nov17
22-8932	o/h RJNA	nb, test, ex 304 Hikotai	<b>132</b>	dec17
42-8947	304 Hikotai	304Hik 40th ann. c/s	<b>147</b>	dec17
52-8953	o/h RJNA	nb, ex 201 Hikotai	<b>153</b>	nov17
72-8962	204 Hikotai	ex 201 Hikotai	<b>162</b>	dec17

304 Hikotai is celebrating its fortieth anniversary and F-15J 947 received large versions of the hikotai badge (the goblin head) on the vertical tail and on top of the wings and fuselage.

**F-86F**

92-7922	Tsuiki	fwd fuselage inside	<b>256-42</b>	dec17
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Sometimes one can find unknown treasures on the internet. A picture was found showing the (forward only?) fuselage of this Sabre inside a sort of traditions room at Tsuiki.

**CH-47J**

37-4489	ARW	no unit sticker	<b>5068</b>	dec17
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Our guess is it is a Fukuoka/Kasuga-based asset.

**UH-60J**

98-4589	ARW	Niigata 55th ann. mks	<b>2039</b>	nov17
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**UH-60J II**

78-4605	Mitsubishi HI	f/n, test at Komaki	<b>2055</b>	nov17
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**T-4**

16-5659	13 FTW	ex IRAN	<b>1059</b>	may17
16-5666	11 Hikotai	BlueImpulse, ex IRAN	<b>1066</b>	oct17
16-5667	6 Hikotai	ex IRAN	<b>1067</b>	oct17
16-5670	301 Hikotai	ex IRAN	<b>1070</b>	dec17
26-5677	o/h RJNG	nb, ex 306 Hikotai	<b>1077</b>	sep17
26-5685	ADTW	ex IRAN, ex 32FTS	<b>1085</b>	oct17
36-5703	o/h RJNG	nb, ex 8 Hikotai	<b>1103</b>	dec17
46-5719	ADC	ex IRAN, 204 Hikotai	<b>1119</b>	oct17
56-5738	32 FTS	ex IRAN	<b>1138</b>	dec17
56-5739	302 Hikotai	ex IRAN? ex 305Hik	<b>1139</b>	dec17

26-5804	11 Hikotai	w/o 11mar11	<b>1204</b>	dec10
26-5807	32 FTS	ex 13 FTW	<b>1207</b>	dec17

T-4 666 is supposed to be delivered to the Blue Impulse but only a very long distance shot was found on the internet, the serial could not be seen. A previous Blue Impulse asset, 804, was damaged beyond repair during the tsunami of 2011 but the vertical tail is now a monument at Matsushima.

**T-7**

86-5949	11 FTW/red	ex IRAN, 12 FTW	<b>49</b>	nov17
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**U-125A**

92-3010	RJSN ARS	55th ann. c/s	<b>258341</b>	nov17
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**X-2**

51-0001	TRDI, wfu	red/white/blue c/s		nov17
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The test program was concluded at the end of October 2017. Time will tell if this means the end of all flying operations for this test-bird.

**YS-11P**

52-1152	Nagoya/Komaki Aichi Museum of Flight		<b>2009</b>	oct17
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Was seen being towed to this museum where it joined several other (civilian) aircraft and helicopters, among them a MU-2 and MU-300.

**Rikujo Jieitai (AR)**

**AH-1S**

73419/IATH	wfu RJAK	in storage hangar	<b>19</b>	may17
73480	IVATH	ex IIIATH (I/n apr16)	<b>80</b>	nov17
73482/82	IATH	TDY RJOE, ex VATH	<b>82</b>	nov17

JG-3419 still looked fully operational, rotors attached and no taped over exhausts and equipment. JG-3482 was last noted with IVATH May 2011.

**UH-1J**

41804	no code RJCO	ex TDY RJTU, ex EH	<b>1J04</b>	oct17
41805	I	ex S	<b>1J05</b>	nov17
41806	V?(nn RJCT)	ex EH, S	<b>1J06</b>	sep17
41810	no code RJCO	ex NH	<b>1J10</b>	may17
41811	MH	unit confirmed	<b>1J11</b>	mar17
41814	XIII	ex II/TDY RJTU	<b>1J14</b>	may17
41815	no code RJSU	ex NEH	<b>1J15</b>	apr17
41820	active RJAK	ex i/a, unit nn	<b>1J20</b>	dec17
41821	XI	ex TDY RJTU(jan15)	<b>1J21</b>	sep17
41830	VII	ex TDY RJTU(nov13)	<b>1J30</b>	feb17
41835	MH	unit confirmed	<b>1J35</b>	oct17
41836	WH	ex MH(oct12)	<b>1J36</b>	jan17
41838	NEH	ex MH(apr15)	<b>1J38</b>	sep17
41897	I	ex EH	<b>1J97</b>	nov17
41915	V	ex IX	<b>1J115</b>	nov17
41919	no code RJTC	ex VI	<b>1J119</b>	nov17



The Japanese navy is in the process of replacing its SH-60Js with new SH-60Ks. New built 8455 seen here conducting a testflight from Nagoya-Komaki where the type is manufactured by Mitsubishi Heavy Industries. (Nagoya-Komaki, 24 October 2017, Stefan Goossens)



In 2017 304 Hikotai based at Naha celebrated its 40th anniversary. The unit relocated from Tsuiki to Naha in January 2016. For its anniversary the aircraft received special markings that can be seen on this picture. (Naha, 1 December 2017, Paul Betten)

#### OH-6D

31173/XI	Tachikawa	pres.behind gate, ex i/a	<b>6477</b>	nov17
31261	WH	ex II(jun10)	<b>6572</b>	dec16
31265	?	unit nn Fuji, ex SU	<b>6576</b>	aug16
31266	MH	ex IX(sep15), SU	<b>6577</b>	nov16
31271	EH	at RJAK, prob. not wfu!	<b>6582</b>	may17
31272	wfu?	ex SU	<b>6583</b>	
31281	unit nn RJSU	l/n as SU	<b>6593</b>	apr17
31286/EH	wfu/std RJAK	winter camo	<b>6598</b>	may17
31289	X	ex XIII	<b>6743</b>	nov17
31290	V	ex XI	<b>6744</b>	nov17
31294	V	ex IRAN, ex VII	<b>6748</b>	jan17
31297	VII	ex IRAN(dec14)	<b>6751</b>	sep16
31298	WH	ex IV	<b>6752</b>	nov17
31299	IHB	ex XIV	<b>6753</b>	nov17
31301	status?	not seen since sep99	<b>6755</b>	
31307	IV?	ex IRAN, unit surmised	<b>6761</b>	apr17
31313	XIIH	ex IRAN	<b>6767</b>	oct17

JG-1265 and JG-1281 definitely had unit-codes applied, unfortunately not confirmed. Both were last seen in 2014/15 as training helicopters at Utsunomiya with SU unit code and white last two on nose and doors. JG-1281 was noted at Takayubaru in April 2015 where we presumed it was in use as instructional airframe. This was probably not the case as it was seen flying at Kasuminome. JG-1286 was seen inside a storage hangar next to four AH-1s, main rotors were removed so we presume it is withdrawn from use.

#### CH-47J

52902	ex HGPIV	cvtd to CH-47JA	<b>5003</b>	oct15
52922	no code RJOE	ex HGPIV	<b>5032</b>	nov17
52930	XIIH	ex IRAN	<b>5044</b>	oct17

#### CH-47JA

52902	Kawasaki HI	for HGPIV	<b>5003</b>	dec17
52970	XVH	ex HGPIII	<b>5078</b>	dec17
52986	Kawasaki HI	f/n nov17, for HGPV	<b>5101?</b>	dec17

JG-2902 is the second CH-47J converted to CH-47JA, after JG-2917. For the record, it was originally supplied in kit-form to Kawasaki and had a Boeing c/n and customer number assigned, **M4003/MQ002**.

#### UH-60JA

43109	S	ex IRAN	<b>4009</b>	nov17
43123/23	S	ex WH	<b>4023</b>	nov17
43137	VIII?	unit never confirmed	<b>4037</b>	apr17
43139	VIII?	unit surmised	<b>4039</b>	apr16

#### AH-64DJP

74503	IIIATH	ex S	<b>JP003</b>	nov17
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#### Kaijo Jieitai (NY)

##### SH-60J

8282	21 Kokutai	w/o 26aug17	<b>1073</b>	nov16
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##### UH-60J

8967	72 Kokutai	ex IRAN/nmks	<b>3007</b>	sep17
8971	72 Kokutai	ex 73 Kokutai	<b>3011</b>	nov17

##### SH-60K

8411	21 Kokutai	ex 22 Kokutai	<b>5011</b>	nov17
8423	o/h RJNA	nmks, ex 23 Kokutai	<b>5023</b>	dec17
8435	23 Kokutai	ex IRAN(apr15)	<b>5035</b>	may17
8454	23 Kokutai	ex MHI, not 21Kok	<b>5054</b>	nov17
8455	Mitsubishi HI	f/n, for 21 Kokutai	<b>5055</b>	dec17
8456	Mitsubishi HI	f/n, for 22 Kokutai	<b>5056</b>	dec17
8457	Mitsubishi HI	f/n, for 22 Kokutai	<b>5057</b>	dec17

##### USH-60K

8901	51 Kokutai	o/h MHI, red/white c/s	<b>5001</b>	dec17
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##### P-1

5514	3 Kokutai	ex Kawasaki	<b>14</b>	nov17
5515	Kawasaki HI	f/n, test at Gifu	<b>15</b>	dec17

##### P-3C

5067	? Kokutai	nmks, ex 203 ATS	<b>9064</b>	dec17
5089	51 Kokutai	ex nmks	<b>9086</b>	dec17
5095	? Kokutai	nmks, ex 3 Kokutai	<b>9092</b>	nov17
5096	2 Kokutai	ex rework Nippi Ind.	<b>9093</b>	oct17

##### US-1A

9089	ex 71 Kokutai	wfu 2016	<b>2019</b>	may16
9090	ex 71 Kokutai	wfu 14dec17	<b>2020</b>	dec17

71 Kokutai at Iwakuni now only operates the US-2. US-1A 9089 was last seen inside a hangar in May 2016. Final fate for these two frames is unknown, hopefully one will be preserved somewhere.

## Myanmar

### Tamdaw Lay (AF)

On Friday 15 December 2017, the Myanmar Air Force celebrated its anniversary at Meiktila Air Force Station. On this yearly celebrated anniversary day, the air force officially commissions new equipment. In 2017, the new equipment consisted of ten new aircraft, of which six were Yak-130 training aircraft. Further aircraft were two unknown ATR42 MPA aircraft and two Fokker 70 VIP transport aircraft, of which one is still unknown.

#### Yak-130

1804	1FTS	f/n active	<b>130 12 03-0104</b>	dec17
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Nice participant at Sacheon airshow was this Iraqi Air Force-to-be T-50 IqAF 5024. Devoid of markings but very tasty nonetheless. (27 October 2017, Raymond van Dijkhuizen)

## Philippines

### Pilipinas Hukbong Dagat (NY)

#### A-29

On 30 November the Philippine government has placed an order for six Embraer A-29 Super Tucanos. The aircraft will be delivered in 2019 and will be used by the 15th Strike Wing/16th Strike Squadron in the close air support, air-to-air intercept and surveillance roles. If so, the OV-10s are expected to be moved to the 17th Attack Squadron. The order is valued at 4.9 billion Philippine Pesos (80 million euro)

### Thailand

#### Royal Thai Air Force (AF)

##### DA42

On 29 November a small ceremony was held by 604sq for the re-introduction of the Diamond DA42 within the squadron. Hopefully we can provide details about the aircraft soon!

##### B737-8Z6

L11Kh2-1/50 new codes HS-MVS/90411/999-04 nov17  
In September this aircraft was transferred from 602sq to 904 sq. It used to be coded HS-TYS/55-555

##### C-130

The air force has stated its intention to replace the C-130H/C-130H-30 fleet starting 2020. Not surprisingly Lockheed-Martin is pitching the C-130J for this order.

##### T-50TH

40102 noted open house Sacheon pre-delivery oct17

#### Royal Thai Army (AR)

In September a contract was signed with Russia for the delivery of another two Mi-17 helicopters. Currently the Army operates five helicopters.

##### AW149

49084 ex I-RAIU **49048** nov17  
The helicopter was noted on 16 November at Varese-Venegono during a pre-delivery test flight. It is the third helicopter noted out of an order for five AW149s.

## Latin America

### Argentina

#### Fuerza Aérea Argentina (AF)

SAZT = Tandil, BA

##### IA-58D

A-575 G3A upgraded, ex IA-58A **076** nov17

#### Bell 412EP

H-103	Bell-Textron	o/o, ex N519WP	<b>36682</b>	dec17
H-106	Bell-Textron	o/o, ex N682BS	<b>36686</b>	dec17

The Argentinian Air Force will finally be getting its four Bell 412EP in early 2018. Back in 2015 they requested four new Bells through FMS. Back then, the estimated contract value was US \$80 million (see Scramble 439 - Page 76). The current deal only has a US\$27 million budget. It includes training too, so as could be expected Bell-Textron used 2014 airframes. Two other possible candidates are N6810L **36684** and N6811L **36683**. They are in toned-down grey colours with Grupo 7 badges and equipped with a FastFin and inflatable floats.

#### M5 Finger

C-415	pr. Oliva, CD	ex G6C	<b>S-04</b>	aug17
C-416	pr. La Plata, BA	ex std SAZT l/n nov05	<b>S-23</b>	nov17
'C-433'	p Laboulaye, CD			dec17

Catching up with some preserved aircraft that were not yet in our database as such. C-415 is near the railway station since at least October 2016 joining the other three aircraft preserved there, while C-416 is displayed inside the Autódromo Roberto José Mouras. Lastly, the one spuriously marked as M5 Dagger 'C-433', was delivered to the Aeroclub Laboulaye to commemorate the Malvinas/Falkland conflict victims of that village. It is painted up in the colours of the Dagger that fell victim to Sea Harrier FRS1 XZ455 on 1 May 1982 killing the pilot José Ardiles of Córdoba.

#### Comando de Aviación Naval Argentina (NY)

SAVT = Trelew/Almirante Zar, Cht

#### P-3B

0869/6-P-53	std SAVT	ex EA6E	<b>5186</b>	oct17
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With the dismal state of the P-3B fleet, only two are in flyable state after cracks were found in the wing of 0869, Argentina now urgently wants ready-to-fly Orions. Therefore, they turned to the USN. Idea is to obtain a couple of currently active aircraft when they get replaced by P-8As. To that end, a delegation visited NAS Whidbey Island in September. Depending on the cost and number of P-3Cs that can be sourced like this, the old P-3Bs may either be refurbished or retired altogether.

#### Gendarmería Nacional Argentina (PO)

##### AW169

GN-934	GN	ex I-PTFQ f/n sep17	<b>69056</b>	dec17
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It has arrived in Argentina by 4 December 2017.

## Bolivia

### Fuerza Aérea Boliviana (AF)

#### BAe146-RJ70

FAB-108 TAM del, ex VT-MDM **E1230** dec17

It was tracked flying Hurghada-Malta on 20 December 2017, see also Scramble 459 - Page 85.

## Brazil

### Força Aérea Brasileira (AF)

Progress on the KC-390 is good with the first FAB aircraft under construction and earmarked for delivery to 1°GTT in the second half of 2018. December saw another important milestone as the civil aviation authority ANAC granted a provisional type certificate for the EMB-390KC. This is part of the Initial Operational Capability procedure.

### Comando da Força Aeronaval (NY)

Former British helicopter carrier HMS Ocean has been acquired by Brazil. Some details require ironing out and will see the vessel in UK waters until the end of 2018 when sufficient Brazilian naval personnel has been trained to operate it.

## Chile

### Fuerza Aérea de Chile (AF)

#### Cirrus SR22T

241 EdA f/n nov17  
242 EdA f/n nov17

These are ex N108CA/N127CA construction numbers 1614 and 1615, tie-ups unknown. They were registered 19 October 2017 and cancelled 3 November 2017. The type is now also operated by Grupo 2 at Iquique-Los Condores and Grupo 8 at Antofagasta-Cerro Moreno replacing the venerable PA-28-236 Dakota.

## Colombia

### Fuerza Aérea Colombiana (AF)

#### SZD-54-2

FAC0019 EMAVI d/d 15dec17

FAC0020 EMAVI d/d 15dec17

These Polish-built gliders were purchased to replace two L-23 Super Blaniks with the military aviation school in Calí.

## Costa Rica

### Servicio de Vigilancia Aérea (PO)

#### MD500E

MSP022 SVA f/n, grey c/s nov17

## Dominican Republic

### Fuerza Aérea de Republica Dominicana (AF)

#### Ce404

1549 f/n, photo dec17



A new recipient of the KAI T-50 is the Royal Thai Air Force. One of the first aircraft is seen here at Sacheon in South Korea ready for delivery. The aircraft is wearing the markings and squadron code of 401 squadron at Takhli. (27 October 2017, Raymond van Dijkhuizen)

## Ecuador

### Fuerza Aérea Ecuatoriana (AF)

#### Cheetah C

FAE-1371 Esc2112 w/o 13dec17

### Aviación del Ejército Ecuatoriana (AR)

#### CeT206H

IGM-174 IGM f/n, ex N5525X **T206H-09149** sep16

IGM stands for Instituto Geografica Militar.

### Aviación Naval Ecuatoriana (NY)

#### Bell 206B

HN-321 EA Guayaquil toc 24jun16 jun16

#### Ce172S

AN-262 EA Manta toc 24jun16 jun16

AN-264 EA Manta toc 24jun16 jun16

Two possible candidates are N1154D **172S10341** and N60129 **172S10152**, both exported to Ecuador 10 June 2016.

According to the news message, all of the fixed wing assets are at Manta, whereas the helicopters are based at Guayaquil.

## Honduras

### Fuerza Aérea Hondureña (AF)

Once again, plans have been revealed to overhaul the country's fighter aircraft and helicopters, which have been suffering from a lack of spare parts and maintenance for many years. Israeli firms have made an analysis of the current situation and reportedly overhauls are required for seven F-5Es, two F-5Fs, five OA/A-37Bs and four Bell 412SPs to take to the skies again.

#### AS350B3

905 HAM w/o 16dec17 **4699**

#### Ce208B

025 f/n, air ambulance nov17

## Jamaica

### Jamaica Defence Force (DF)

#### DA40

JDF A-10 JMAS f/n aug17

JDF A-12 JMAS f/n aug17

#### DA42NG

JDF T-10 JMAS f/n, photo aug17

## Mexico

### Fuerza Aérea Mexicana (AF)

MMSM = Santa Lucia (MEX)

#### B727-14

3503 pres Zumpango ex std MMSM **18908** oct17

A great new addition to the local Walmart store in Zumpango (MEX), is this retired 727, coordinates 19.7905N, 099.05585W.

#### Bell 407GX

1302 EA.111 w/o 28nov17 **54547**

#### Ce182S

5493 reregistered to 6393, by feb17

6393 pres Nextlalpan f/n feb17

This Skylane is preserved at the Plaza Estado de Mexico, in Santa Ana de Nextlalpan (MEX).

#### UH-60M

1074 EA.108 f/n aug17

1076 EA.108 f/n aug17

### Armada de México – Fuerza Aeronaval (NY)

The final pair of AS565MBe were delivered early December 2017, these were ANX-2163 and ANX-2164. Meanwhile, an option for fourteen additional helicopters is being discussed.

LFML = Marseille/Provence

#### AS565MBe

ANX-2161 photo **7039** nov17

ANX-2162 known delivery



Seen at Kadena AB on 1 December 2017, is P-3C BMUP+ 161596 of VP-40 carrying a Raytheon AN/APS-149 Littoral Surveillance Radar System (LSRS). This unique radar system was designed to provide multi-function moving target detection and tracking and high resolution ground mapping at standoff ranges covering land, littoral, and water areas. With the introduction of the P-8, a new LSRS, called the Advanced Airborne Sensor (AAS) was developed for use on that specific airframe. Both the AAS and the AN/APS-149 adopt the active electronically scanned array (AESA) radar making it a unique system. (Kadena AB, 1 December 2017, Arnold ten Pas)

Squadron AC-130U Spooky-II, with callsign "Spooky-43", were presented the 2016 MacKay Trophy. The MacKay Trophy, which is awarded annually for the most meritorious flight of the year, by a USAF person, persons, or organization, was given by the USAF Chief of Staff Gen. Stephen Wilson to fourteen AC-130U crewmembers who provided close-air-support (CAS) to a U.S. Special Forces team and 43 Afghan soldiers near Kunduz, Afghanistan on 2 November 2016. It was stated that in support of Operation Freedom's Sentinel (OFS), "Spooky-43" crew's persistent fire support, presence of mind and courage during two hours of intense combat ultimately saved some fifty lives. The awarded Trophy came as good news for the Air Force Special Operations Command (AFSOC) Gunship community. Only little more than a year before, on 3 October 2015, an AC-130U was involved in a collateral airstrike incident, in the same Kunduz province, killing dozens of reportedly innocent people.

After completing their 2017 season, which included 72 air shows, the USAF Thunderbirds Air Demonstration Squadron (ADS) lost their commander on 20 November 2017. It was stated that the USAF removed Lt. Col. Jason Heard, at that time being the commander of the high-profile demonstration team, due to a loss of confidence in his abilities to lead the Nellis AFB (NV) based Thunderbirds squadron. Although said not to be related to the dismissal, two Thunderbirds F-16 Fighting Falcons were written off, after a crash and a serious accident, since the summer of 2016. On 13 December 2017 it was announced that Lt. Col. Kevin Walsh, already being the Thunderbirds operations officer, was selected to lead the team for the 2018 show season.

With more surplus C-130H Hercules aircraft becoming available, and as part of the fleet-wide redistribution of USAF C-130 assets, a C-130H arrived at Cannon AFB (NM) on 29 November 2017. The Hercules with serial number 82-0056 was added to the 16th Special Operations Squadron at Cannon with the aim to facilitate aircrew training and free up Cannon's combat-coded aircraft to perform their primary missions. Being a part of the 27th Special Operations Group, the 16th Special Operations Squadron normally operates the AC-130W Stinger-II Gunship aircraft. Since the first phasing out of a

USAF C-130H in September 2015, a total of 65 surplus C-130Hs have arrived for storage at the 309th Aerospace Maintenance And Regeneration Group (AMARG) near Davis-Monthan AFB (AZ). It is expected that more re-shuffles within the USAF C-130H fleet will follow in the future. Meanwhile, it is also expected that the first C-130Hs will be offered for Foreign Military Sales (FMS).

Related to the C-130H news comes the fact that the Air Force Reserve Command's 913th Airlift Group commander declared the 327th Airlift Squadron Fully Operational Capable (FOC) with the Lockheed Martin C-130J Super Hercules on 2 December 2017. Based at Little Rock AFB (AR), the 913th AG/327th AS have worked towards FOC status, forming a classic association with the co-based 19th Airlift Wing since December 2015, while transitioning from the C-130H model aircraft to the C-130J. As a FOC unit, the 327th AS is now capable of fulfilling both Air Force Reserve Command and Air Mobility Command missions. The 913th AG is the only C-130J classic associate unit within Air Force Reserve Command.

Amidst tensions with North Korea but regularly planned, the 35th Fighter Wing relocated eighteen F-16 Fighting Falcons and more than 280 personnel from Misawa Air Base in Japan to Osan Air Base in South Korea at the beginning of December 2017. It was stated that both Wild Weasel F-16 squadrons from the 35th FW, the 13th FS, named the Panthers and the 14th FS, named the Fighting Samurai, would participate in the annual flying exercise Vigilant Ace-18 that was held at Osan Air Base from 4 December 2017 until 9 December 2017. Vigilant Ace-18 encompassed some 12,000 U.S. personnel at eight South Korea and U.S. military installations across the Korean Peninsula.

After being only deployed for some 45 days to Afghanistan, four 77th Fighter Squadron/20th Fighter Wing F-16C Fighting Falcon aircraft arrived back at Morón Air Base in the South of Spain on 6 December 2017. The following Shaw AFB (SC) based F-16s were noted at Morón, Spain:

94-0043 94-0047 91-0345 91-0364

At first glance there is nothing special about a part of an F-16 deployment returning back to the Continental United





A US Air Force F-35A returned to Kadena Air Base, Okinawa, on November 30 with a forward-fuselage side panel missing. The specific panel is known as the Maintenance Interface Panel (MIP). Otherwise known as door 2108. The bay has fuel, B system hydro, MVI, and communications connections along with an IPP start switch. The Lightning II, 14-5105/HL is one of 12 from the 34th Fighter Squadron at Hill Air Force Base, Utah that are on a six-month deployment to the Japanese air base. (Kadena AB, 30 November 2017, Arnold ten Pas)

at McConnell AFB (KS). The first KC-46A tanker that will be delivered to the USAF next year only successfully completed its first flight and airborne tests on 5 December 2017. Boeing later announced on 21 December 2017, that the U.S. Federal Aviation Administration (FAA) had granted Boeing's KC-46A Pegasus tanker program an Amended Type Certificate (ATC) for its Boeing 767-2C aircraft configuration, verifying that the fundamental design of the KC-46A tanker is safe and reliable. The KC-46A Pegasus, derived from Boeing's commercial 767 airframe, is manufactured with Boeing's company, Everett, Washington plant. Boeing is currently on contract for the first 34 of an expected 179 Pegasus tankers for the USAF.

<b>A-10C</b>				
79-0169/WA	66th WPS	ex OT/422nd TES	<b>A10-0433</b>	nov17
<b>B767-2LKC</b>				
15-46009	Paine Field	f/f 05dec17	<b>41858/1102</b>	dec17
<b>C-130H</b>				
79-0476	309th AMARG	ex 192nd AS	<b>382-4856</b>	dec17
82-0056	16th SOS	ex 164th AS	<b>382-4971</b>	nov17
<b>C-130H-3</b>				
96-7322	130th AS	WV ANG	<b>382-5431</b>	nov17
<b>C-130J-30</b>				
08-3177/YJ	36th AS	ex 40th AS	<b>382-5672</b>	sep17
16-5833/YJ	36th AS		<b>382-5833</b>	dec17
<b>F-102A</b>				
56-1432	Palm Springs	at PASM as '56-1188'	-	dec17
<b>F-15C-40-MC</b>				
85-0111/MA	131st FS		<b>966/C353</b>	dec17
<b>F-16C-30-CF</b>				
87-0306/DC	121st FS	w/o 05apr17	<b>5C-567</b>	feb15
<b>F-16CM-42-CF</b>				
90-0757/WA	16th WPS	ex LF/310th FS	<b>1C-365</b>	dec17
<b>F-35A</b>				
15-5144	to Italy	as MM7259	<b>AL-9</b>	
<b>F-35A-31</b>				
15-5132/WA	6th WPS	ex LF 56th FW	<b>AF-123</b>	nov17
15-5140/HL	4th FS		<b>AF-131</b>	oct17
15-5141/WA	6th WPS		<b>AF-132</b>	nov17
15-5142/WA	6th WPS		<b>AF-133</b>	nov17
15-5143/HL	4th FS		<b>AF-134</b>	nov17
15-5160/LF	63rd FS	not fy16	<b>AF-135</b>	nov17

#### F-35A-4

15-5161/LF	(63rd FS)	not fy16	<b>AF-136</b>	dec17
15-5162/HL	(34th FS)	not fy16	<b>AF-137</b>	dec17
15-5163	on order		<b>AF-138</b>	
15-5164	on order		<b>AF-139</b>	

#### F-4C

64-0699/DM	309th AMARG	ex Davis Monthan	<b>945</b>	dec17
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#### F-84F-40-GK

51-9531	Palm Springs	at PASM as '26675'		dec17
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#### KC-135R

59-1475/ZZ	909th ARS	nmks feb15	<b>17963/T0378</b>	dec17
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#### T-33A

51-4505	pres. Ahoskie		<b>580-5800</b>	nov17
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#### TH-1H

74-22352/FR	23rd FTS		<b>13676</b>	dec17
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#### United States Army (AR)

We missed the activation of a new Medevac unit at AASF Montgomery RAP, Dannelly Field (AL). This took place back on 17 September 2016 and the designation is Det.2 C/1-111th AVN AL ARNG. The unit is equipped with four HH-60M Black Hawk helicopters.

The Eastern Army National Guard Aviation Training Site (EAATS) at AASF Muir AAF, Fort Indiantown Gap (PA) officially took charge of their first UH-60M Black Hawk and a newly acquired Black Hawk Aircrew Trainer (BAT) Device 5 simulator on 28 September 2017. The helicopters will be used by the Flight Training Company-Utility (FTC-U) assigned to the EAATS. The EAATS will use the new UH-60M helicopters next to the UH-60A and UH-60L helicopters already on strength.

Back on 5 June 2013, Bell officially announced that the V-280 Valor had been selected by the United States Army for the Joint Multi-Role Technology Demonstrator (JMR-TD). Bell Helicopter teamed up with Lockheed Martin for this project, while competitors Boeing and Sikorsky (back then two companies, but Sikorsky was purchased by Boeing in 2017) also teamed up and are working on a design designated as SB-1 Defiant. The goal is not to build a prototype, but to develop technology which will lead to the future United States Army vertical lift vehicle. The idea is that in the future one platform can perform both the attack and the utility