#### **RVSM MONITORING GROUPS AND MINIMUM MONITORING REQUIREMENTS**

AS OF: 17 June 2019

Version: 2019.0

- 1. UPDATE OF MONITORING REQUIREMENTS TABLE AND WEBSITE. As significant data is obtained, monitoring requirements for specific aircraft types may change. When Table 1 below, is updated, a letter will be distributed by the Regional Monitoring Agencies (RMAs) to the States concerned. The updated table will be posted on the RMA website being maintained by the International Civil Aviation Organization (ICAO). The secure website address is: http://portal.icao.int
- 2. INITIAL MONITORING. All operators that operate or intend to operate in airspace where RVSM is applied are required to participate in the RVSM monitoring program. Table 1 establishes requirements for initial monitoring associated with the RVSM approval process. In their application to the appropriate State authority for RVSM approval, operators must show a plan for meeting the applicable initial monitoring requirements.
- 3. AIRCRAFT STATUS FOR MONITORING. Aircraft engineering work that is required for the aircraft to receive RVSM airworthiness approval must be completed prior to the aircraft being monitored. Any exception to this rule will be coordinated with the State authority.
- 4. APPLICABILITY OF MONITORING FROM OTHER REGIONS. Monitoring data obtained in conjunction with RVSM monitoring programs from other regions can be used to meet regional monitoring requirements. The RMAs, which are responsible for administering the monitoring program, have access to monitoring data from other regions and will coordinate with States and operators to inform them on the status of individual operator monitoring requirements.
- 5. MONITORING PRIOR TO THE ISSUE OF RVSM OPERATIONAL APPROVAL IS NOT A REQUIREMENT. Operators should submit monitoring plans to the responsible civil aviation authority and the RMA that show how they intend to meet the requirements specified in Table1. Monitoring will be carried out in accordance with this table.
- 6. AIRCRAFT GROUPS NOT LISTED IN TABLE 1. Contact the RMA for clarification if an aircraft group is not listed in Table 1 or for clarification of other monitoring related issues. An aircraft group not listed in Table 1 will probably be subject to Category 2 monitoring requirements.
- 7. TABLE OF MONITORING GROUPS. Table 2 shows the aircraft types and series that are grouped together for operator monitoring purposes.
- 8. TABLE OF NON-GROUP AIRCRAFT: Table 3 shows the aircraft types and series that are Non-Group aircraft (i.e., Not certified under group approval requirements) for monitoring purposes.
- 9. TRAILING CONE DATA. Altimetry System Error estimations developed using Trailing Cone data collected during RVSM certification flights can be used to fulfill monitoring requirements. It must be documented, however, that aircraft RVSM systems were in the approved RVSM configuration for the flight.
- 10. MONITORING OF AIRFRAMES THAT ARE RVSM COMPLIANT ON DELIVERY. If an operator adds new RVSM compliant airframes of a type for which it already has RVSM operational approval and has completed monitoring requirements for the type in accordance with the attached table, the new airframes are not required to be monitored. If an operator adds new RVSM compliant airframes of an aircraft type for which it has NOT previously received RVSM operational approval, then the operator should complete monitoring in accordance with the attached table.

11. FOLLOW-ON MONITORING. Monitoring is an on-going program that will continue after the RVSM approval process. Long term minimum monitoring requirements are established in the Annex 6 to the Convention on International Civil Aviation. On a regional basis, a programme shall be instituted for monitoring the height-keeping performance of aircraft operating in RVSM airspace in order to ensure that continued application of this vertical separation minimum meets regional safety objectives.

### Table 1: MONITORING REQUIREMENTS TABLE (Civilian)

# MONITORING IS REQUIRED IN ACCORDANCE WITH THIS TABLE

MONITORING PRIOR TO THE ISSUE OF RVSM APPROVAL IS  ${\color{red} {\bf NOT}}$  A REQUIREMENT

	CATEGORY	GROUP DESCRIPTOR	MINIMUM MONITORING REQUIREMENTS
1	GROUP APPROVED:  DATA INDICATES  COMPLIANCE WITH THE  RVSM MASPS	A124, A30B, A306, A310-GE, A310-PW, A318, A320, A330, A340, A345, A346, A380, A3ST, AVRO, B712, B727, B737C, B737CL, B737NX, B747CL, B74S, B744-5, B744-10, B748, B752, B753, B764, B767, B772, B773, B787, BD100, BE40, C25A, C25B, C510, C525, C560, C56X, C650, C680, C750, CARJ, CL600, CL604, CL605, CRJ7, CRJ9, DC10, E135-145, E170-190, E50P, E55P, F100, F900, FA7X, GALX, GLEX, GL5T, GLF4, GLF5, H25B-800, J328, LJ40, LJ45, LJ60, MD10, MD11, MD80, MD90, PC12, PRM1, T154	Operators of aircraft types contained in this category shall have a minimum of 2 airframes monitored every 2 years or 1,000 flight hours, whichever is longer calculated from the date of the last successful height monitoring. Operators with fleets consisting of aircraft from more than one Monitoring Group shall meet this requirement for each group in the fleet. In the event that an operator has a single airframe from a Group, then that aircraft shall be monitored every 2 years or 1,000 flight hours, whichever is longer calculated from the date of the last successful height monitoring.
2	GROUP APPROVED:  INSUFFICIENT DATA ON APPROVED AIRCRAFT	Other group aircraft other than those listed above including:  A148, A158, A20N, A337, A339, A350, A35K, AC90, AC95, AJ27, AN72, ASTR, ASTR-SPX, B701, B703, B731, B732, B37M, B38M, B39M, B744-LCF, B78X, BCS1, BE20, BE30, C25C, C441, C500, C550-B, C550-II, C550-SII, C700, CRJ10, D328, DC85, DC86-87, DC91, DC93, DC94, DC95, EPIC, E120, E45X, EA50, E545-550, E290, E295, F2TH, F70, FA10, FA20, FA50, G150, G280, GL7T, GLF2, GLF2B, GLF3, GLF6, GLF7, H25B-700, H25B-750, H25C, HA4T, HDJT, IL62, IL76, IL86, IL96, L101, L29B-2, L29B-731, LJ23, LJ24, LJ25, LJ28, LJ31, LJ35-36, LJ55, MC21, MU30, P180, P180-II, PAY4, PC24, SB20, SBR1, SBR2, SF50, SU95, T134, T204, T334, TBM, WW24, YK42	Operators of aircraft types contained in this category shall have a minimum of 60% of airframes monitored every 2 years or 1,000 flight hours, whichever is longer calculated from the date of the last successful height monitoring, (the number of airframes to be monitored shall be rounded up to the nearest whole integer). Operators with fleets consisting of aircraft from more than one Monitoring Group shall meet this requirement for each Group in the fleet.

3	NON-GROUP	Aircraft types for which no generic compliance method	Operators of aircraft types
		exists:  A225, AN12, AN26, B190, B462, B463, B74S-SOFIA, BA11, BE9L, GSPN, H25A, L29A, PAY3, R721, R722, SJ30, STAR	contained in this category shall have 100% of airframes monitored every 2 years or 1,000 flight hours., whichever is longer calculated from the date of the last successful height monitoring.

Table 2: MONITORING GROUPS FOR AIRCRAFT CERTIFIED UNDER GROUP APPROVAL REQUIREMENTS

Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
A124	A124	AN-124 RUSLAN	
A148	A148	AN-148	
A158	A158	AN-158	
A30B	A30B	A300	
A306	A306	A300	
A310-GE	A310	A310	Series: 200, 200F, 300, 300F
A310-PW	A310	A310	Series: 220, 220F, 320, 320F
A318	A318	A318	
A320	A319	A319	
	A320	A320	
	A321	A321	
A20N	A19N	A319neo	
	A20N	A320neo	
	A21N	A321neo	
A330	A332	A330	
	A333	A330	
A337	A337	AIRBUS BELUGA XL (A330-743L)	
A339	A339	A330-900neo	
A340	A342	A340	
	A343	A340	
A345	A345	A340	

Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
A346	A346	A340	
A350	A359	A350-900	
		A350-900 ULR	
A35K	A35K	A350-1000	
A380	A388	A380	
A3ST	A3ST	A300	600R ST BELUGA
AC90	AC90	COMMANDER 690	
		COMMANDER 840	
		COMMANDER 900	
AC95	AC95	AERO COMMANDER 695	
AN72	AN72	ANTONOV AN-72	
	AN74	ANTONOV AN-74	
ASTR	ASTR	1125 ASTRA	S/n 1-78, except 73
ASTR-SPX	ASTR	1125 ASTR SPX,	S/n 73, 79-145
		G100	S/n > 145
AVRO	RJ1H	RJ100 Avroliner	
	RJ70	RJ70 Avroliner	
	RJ85	RJ85 Avroliner	
B37M	B37M	Boeing 737 MAX 7	
B38M	B38M	Boeing 737 MAX 8	
B39M	B39M	Boeing 737 MAX 9	
B701	B701	B707	
B703	B703	B707	Series 320, 320B, 320C

Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
B712	B712	B717	
B727	B721	B727	
	B722	B727	
B731	B731	B737	
B732	B732	B737	
B737CL	B733	B737-300	
	B734	B737-400	
	B735	B737-500	
B737NX	B736	B737-600	
	B737	B737-700	B737-700 including the BBJ
	B738	B737-800	B737-800 including the BBJ2
	B739	B737-900	
	B739	B737-900ER	
B737C	B737	B737-700	Series: 700C
B747CL	B741	B747-100	
	B742	B747-200	
	B743	B747-300	
B74S	B74S	B747SP	
	B74R	B747SR	
B744-5	B744	B747-400	5 inch Probes up to s/n 25350
	B74D		
B744-10	B744	B747-400	10 inch Probes from s/n 25351
	B74D		
	1	1	

A/C ICAO	Manufacturer Type	Additional Defining Criteria
BLCF	B747-400	
B748	B747-8	
B752	B757-200	
B753	B757-300	
B762	B767-200	
B763	B767-300	
B764	B767-400	
B772	B777-200	
B77L	B777-F	
B77L	B777-200LR	
B773	B777-300	
B77W	B777-300ER	
B788	B787-8	
B789	B787-9	
B78X	B787-10	
BCS1	BOMBARDIER CS100	
BCS1	AIRBUS A220-100	
BCS3	BOMBARDIER CS300	
BCS3	AIRBUS A220-300	
CL30	CHALLENGER 300	
CL35	CHALLENGER 350	Begins at s/n 20501
BE20	200 KINGAIR	
	BLCF B748 B752 B753 B762 B763 B764 B772 B77L B77L B77L B77S B77W B788 B789 B78X BCS1 BCS1 BCS3 BCS3 CL30 CL35	BLCF B747-400 B748 B747-8 B752 B757-200 B753 B757-300 B762 B767-200 B763 B767-300 B764 B767-400 B772 B777-200 B771 B777-F B771 B777-F B771 B777-300 B778 B777-300 B778 B788 B787-8 B789 B787-9 B78X B787-10 BCS1 BOMBARDIER CS100 BCS3 BOMBARDIER CS300 BCS3 AIRBUS A220-300 CL30 CHALLENGER 350  CHALLENGER 350

Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
BE30	BE30	B300 SUPER KINGAIR	
	B350	B300 SUPER KINGAIR 350	
BE40	BE40	BEECHJET 400	
		BEECHJET 400A	
		BEECHJET 400XP	
		HAWKER 400XP	
C441	C441	CONQUEST II	
C500	C500	500 CITATION	
	C500	500 CITATION I	
	C501	501 CITATION I SINGLE PILOT	
C510	C510	MUSTANG	
C525	C525	525 CITATIONJET	
		525 CITATIONJET 1	
		525 CITATIONJET PLUS	
	C25M	C525-M2	S/n 800 and on
C25A	C25A	525A CITATIONJET II	
C25B	C25B	CITATIONJET III	
		525B CITATIONJET III	
C25C	C25C	525C CITATIONJET IV	
C550-B	C550	550 CITATION BRAVO	S/n 550-0801 and on
C550-II	C550	550 CITATION II	S/n 550-0001 to 550-0800
	C551	551 CITATION II SINGLE PILOT	
C550-SII	C550	S550 CITATION SUPER II	S/n starts with "S"

Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
C560	C560	560 CITATION V	
		560 CITATION V ULTRA	
		560 CITATION V ENCORE	
C56X	C56X	560 CITATION EXCEL	
		560 CITATION XLS	
C650	C650	650 CITATION III	
		650 CITATION VI	
		650 CITATION VII	
C680	C680	680 CITATION SOVEREIGN	
	C68A	680-A LATITUDE	"A" in s/n
C700	C700	700 CITATION LONGITUDE	
C750	C750	750 CITATION X	
CARJ	CRJ1	CRJ-100	
	CRJ2	CRJ-200	
	CRJ2	CHALLENGER 800	
	CRJ2	CHALLENGER 850	
CRJ7	CRJ7	CRJ-700	
	CRJ7	CRJ-550	
CRJ9	CRJ9	CRJ-900	
CRJ10	CRJX	CRJ-1000	
CL600	CL60	CL-600	S/n < 5000
		CL-601	

Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
CL604	CL60	CL-604	S/n 5000-5700
		CL-601-3A	S/n 5001-5134
		CL-601-3R	S/n 5135-5300
CL605	CL60	CL-605	S/n > 5700
DC10	DC10	DC-10	
D328	D328	328 TURBOPROP	
DC85	DC85	DC-8	
DC86-87	DC86	DC-8	
	DC87	DC-8	
DC91	DC91	DC-9	
DC93	DC93	DC-9	
DC94	DC94	DC-9	
DC95	DC95	DC-9	
EPIC	EPIC	Epic E1000	
E120	E120	EMB-120 Brasilia	
E135-145	E135	EMB-135	
	E145	EMB-145	
	E35L	EMB-135BJ Legacy 600/650	
E45X	E45X	EMB-145 XR	

Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
E170-190	E170	E170	
	E170	E175	
	E75S	E170-200 short wing	
	E75L	E175 long wing	
	E190	E190	
	E190	E195	
E290	E290	E190-E2	
E295	E295	E195-E2	
E50P	E50P	PHENOM 100	
E545-550	E545	EMB-545 Legacy 450	
	E550	EMB-550 Legacy 500	
E55P	E55P	PHENOM 300	
EA50	EA50	ECLIPSE	
F100	F100	FOKKER 100	
F2TH	F2TH	FALCON 2000	
		FALCON 2000-EX	
		FALCON 2000LX	
F70	F70	FOKKER 70	
F900	F900	FALCON 900	
		FALCON 900DX	
		FALCON 900EX	
		FALCON 900LX	
FA10	FA10	FALCON 10	

Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
FA20	FA20	FALCON 20	
		FALCON 200	
FA50	FA50	FALCON 50	
		FALCON 50EX	
FA7X	FA7X	FALCON 7X	
	FA8X	FALCON 8X	
G150	G150	G150	
G280	G250	G250	
	G280	G280	
GALX	GALX	1126 GALAXY	
		G200	
GLEX	GLEX	GLOBAL EXPRESS CLASSIC GLEX	EXPRESS
		GLOBAL XRS	S/n > 9158
		GLOBAL 6000	S/n > 9431, and 9313 and 9381
GL5T	GL5T	GLOBAL 5000	
		GLOBAL 5000-GVFD	S/n > 9434, and 9386 and 9401
GL7T	GL7T	GLOBAL 7000	
GLF2	GLF2	GULFSTREAM II (G-1159)	
GLF2B	GLF2	GULFSTREAM IIB (G-1159B)	
GLF3	GLF3	GULFSTREAM III (G-1159A)	

Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
GLF4	GLF4	GULFSTREAM IV (G-1159C)	
		G300	
		G350	
		G400	
		G450	
GLF5	GLF5	GULFSTREAM V (G-1159D)	
		G500	
		G550	
GLF6	GLF6	G650	
GLF7	GA5C	G500 GVII	
H25B-700	H25B	BAE 125 / HS125	Series: 700A, 700B
H25B-750	H25B	HAWKER 750	
H25B-800	H25B	BAE 125 / HS125	Series: 800A, 800B
		HAWKER 800XP	
		HAWKER 800XPI	
		HAWKER 800	
		HAWKER 850XP	
		HAWKER 900XP	
		HAWKER 950XP	
H25C	H25C	HAWKER 1000	
HA4T	HA4T	HAWKER 4000	
HDJT	HDJT	HONDAJET HA-420	
IL62	IL62	ILYUSHIN-62	

Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
IL76	IL76	ILYUSHIN-76	
IL86	IL86	ILYUSHIN-86	
IL96	IL96	ILYUSHIN-96	
J328	J328	328JET	
L101	L101	L-1011 TRISTAR	
L29B-2	L29B	L-1329 JETSTAR II	
L29B-731	L29B	L-1329 JETSTAR 731	
LJ23	LJ23	LEARJET 23	
LJ24	LJ24	LEARJET 24	
LJ25	LJ25	LEARJET 25	
IJ28	LJ28	LEARJET 28	
		LEARJET 29	
LJ31	LJ31	LEARJET 31	
LJ35-36	LJ35	LEARJET 35, 35A	
		LEARJET 36, 36A	
LJ40	LJ40	LEARJET 40	Begins at s/n 2001
	⊔70	LEARJET 70	Begins at s/n 2134
LJ45	LJ45	LEARJET 45	
	LJ75	LEARJET 75	Begins at s/n 456
LJ55	LJ55	LEARJET 55	
LJ60	LJ60	LEARJET 60	
MC21	MC21	IRKUT MC21-300	
MD10	MD10	MD-10	

Monitoring	A/C	Manufacturer Type	Additional Defining Criteria
Group	ICAO		
MD11	MD11	MD-11	
MD80	MD81	MD-80	
	MD82	MD-80	
	MD83	MD-80	
	MD87	MD-80	
	MD88	MD-80	
MD90	MD90	MD-90	
MU30	MU30	MU-300 DIAMOND	1A
P180	P180	P-180 AVANTI	S/n < 1105 but not 1002
P180-II	P180	P-180 AVANTI II	S/n > 1104 and also 1002
PAY4	PAY4	PA-42 Cheyenne 400	Series: 1000 CHEYENNE
PC12	PC12	Pilatus PC-12	
PC24	PC24	Pilatus PC-24	
PRM1	PRM1	PREMIER 1	
SB20	SB20	SAAB 2000	
SBR1	SBR1	SABRELINER 40	
		SABRELINER 60	
		SABRELINER 65	
SBR2	SBR2	SABRELINER 80	
SF50	SF50	CIRRUS SF50	RVSM-capable s/n 8, 89, and 94 or above
SU95	SU95	SUKHOI SUPERJET 100-95	
T134	T134	TU-134	
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Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
T154	T154	TU-154	
T204	T204	TU-204	
		TU-214	
		TU-224	
		TU-234	
T334	T334	TU-334	
TBM	ТВМ7	TBM-700	
	твм8	TBM-850	
	ТВМ9	TBM-900	TBM8 with winglets, begins at s/n 1000
WW24	WW24	1124 WESTWIND	
YK42	YK42	Yakovlev YAK-42	
		Yakovlev YAK-40	

<u>Table 3:</u> Non-GROUP AIRCRAFT (i.e., Not certified under group approval requirements) (Civilian)

Non-Group Descriptor	A/C ICAO	Manufacturer Type	Additional Defining Criteria
A225	A225	ANTONOV AN-225	Non-Group
AN12	AN12	ANTONOV AN-12	Non-Group
AN26	AN26	ANTONOV AN-26	Non-Group
B190	B190	BEECH 1900	Non-Group
B462	B462	BAe-146-200	Non-Group
B463	B463	BAe-146-300	Non-Group

Non-Group	A/C	Manufacturer Type	Additional Defining Criteria
Descriptor	ICAO		
B74S-SOFIA	B74S	NASA B74SP with Sofia telescope	Non-Group: N747NA (s/n 21441)
BA11	BA11	BAC-111	Non-Group
BE9L	BE9L	Beechcraft King Air C90GT	Non-Group
		Beechcraft King Air C90GTI	
		King Air Model 90 except F90 and F90-1	
GSPN	GSPN	GROB G-180 SPn Utility Jet	Non-Group
H25A	H25A	HS125-400, -600	Non-Group
L29A	L29A	L-1329 JETSTAR 6/8	Non-Group
PAY3	PAY3	PIPER Cheyenne 3	Non-Group
R721	R721	B-727-100: Re-engined	Non-Group
R722	R722	B-727-200: Re-engined	Non-Group
SJ30	SJ30	SWEARINGEN SJ-30	Non-Group
STAR	STAR	BEECH 2000 STARSHIP	Non-Group

### Table 1: MONITORING REQUIREMENTS TABLE (Military)

# MONITORING IS REQUIRED IN ACCORDANCE WITH THIS TABLE

# MONITORING PRIOR TO THE ISSUE OF RVSM APPROVAL IS $\underline{\textbf{NOT}}$ A REQUIREMENT

			MINIMUM MONITORING REQUIREMENTS	
CATI	EGORY	GROUP DESCRIPTOR	REQUIREIVIENTS	
1	GROUP APPROVED:  DATA INDICATES  COMPLIANCE WITH THE  RVSM MASPS	C17, C130, KC135	Operators of aircraft types contained in this category shall have a minimum of 2 airframes monitored every 2 years or 1,000 flight hours, whichever is longer calculated from the date of the last successful height monitoring. Operators with fleets consisting of aircraft from more than one Monitoring Group shall meet this requirement for each group in the fleet. In the event that an operator has a single airframe from a Group, then that aircraft shall be monitored every 2 years or 1,000 flight hours, whichever is longer calculated from the date of the last successful height monitoring.	
2	GROUP APPROVED: INSUFFICIENT DATA ON APPROVED AIRCRAFT	Other group aircraft other than those listed above including:  A178, A400, C5, C550-552, E3, F18, KC46, KC39, P1, P8	Operators of aircraft types contained in this category shall have a minimum of 60% of airframes monitored every 2 years or 1,000 flight hours, whichever is longer calculated from the date of the last successful height monitoring, (the number of airframes to be monitored shall be rounded up to the nearest whole integer). Operators with fleets consisting of aircraft from more than one Monitoring Group shall meet this requirement for each Group in the fleet.	

3	NON-GROUP	Aircraft types for which no generic compliance method	Operators of aircraft types
		exists:	contained in this category shall have
			100% of airframes monitored every
		GLF5-AEW, GLEX-ASTOR	2 years or 1,000 flight hours.,
			whichever is longer calculated from
		Aircraft types for which the compliance method is not	the date of the last successful
		known:	height monitoring.
		A30B-M, A310-M, A332-M, ASTR-M, B737-AWACS, C12,	
		C21, C32, C35, C37, C40, C550-B-M, C9, CL60-M, E135-	
		M, E4, E6, E8, FA10-M, FA20-M, FA50-M, GLF3-M, GLF4-	
		M, IL76-M, KC10, KC-390, KC46, P180-M, R135, VC25	

<u>Table 2:</u> MONITORING GROUPS FOR AIRCRAFT CERTIFIED UNDER GROUP APPROVAL REQUIREMENTS (Military)

Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
A178	A178	Antonov A178	
A30B-M	A30B	A300	B2-100 (Zero-G)
A310-M	A310	A310	MRT, MRTT
A332-M	A332	KC30-A	MRTT
		KC45-A	
		Voyager KC2, KC3	
A400	A400	A400M	
ASTR-M	ASTR	1125 ASTRA	NAV&COM
C12	BE20	C-12	
C130	C130	C-130 Hercules	Series: H only
	C30J	C-130J Hercules	
C17	C17	C-17 Globemaster III	
C21	LJ35	C-21	
C32	B752	C-32	Series: A, B
C40	B737	C-40 Clipper	
C5	C5	C5 Galaxy	
C550-552	C550	552 CITATION II (USN)	
C550-B-M	C550	550 CITATION BRAVO	
C550-M	C550	550 CITATION II	
C35	C560	560 CITATION V	

Monitoring Group	A/C ICAO	Manufacturer Type	Additional Defining Criteria
		UC-35	
C37	GLF5	C-37	Series: A, B
		TP102D	Series: C
CL60-M	CL60	CL604	МРА
E135-M	E135	EMB-135	MRT
E3	E3TF	E-3 Sentry	
	E3CF		
E4	B742	E-4	
E6	E6	E-6 Mercury	
B737-AWACS	E7A	B737	B737 AEW&C
E8	B703	E-8 J-Stars	
FA10-M	FA10	FALCON 10	MRT
FA20-M	FA20	FALCON 20	EW/ELINT, MRT, EXP
FA50-M	FA50	FALCON 50	MPA/SAR
F18H	F18H	McDonnell-Douglas F/A 18	
		F/A-18 Hornet	
GLF3-M	GLF3	C-20	Series: A, B, C, D, E
GLF4-M	GLF4	C-20	Series: F, G, H
		S102B	
		TP102	
IL76-M	IL76	IL-76	MRT, T
KC10	DC10	KC-10 Extender	
		KDC-10	

Monitoring	A/C	Manufacturer Type	Additional Defining Criteria
Group	ICAO		
		DC-10	
KC46	KC46	Boeing KC46	
		Boeing KC-46 Pegasus	
		Boeing KC46A or B767-2C	
KC135	B703	KC-135 Stratotanker	
	K35E	KC-135 Stratotanker	
	K35R	C-135 Stratotanker	
KC39	KC39	Embraer KC390	
P1	P1	Kawasaki P-1	
P180-M	P180	P-180 AVANTI	
P8	P8	B738-ERX	BOEING P8 POSEIDON
R135	R135	RC-135	
VC25	B742	VC-25	

## Abbreviations:

EW/ELINT Electronic Warfare/Electronic Intelligence

EXP Experimental

MPA Maritime Patrol Aircraft

MRT Multi Role Transporter

MRTT Multi Role Transporter and Tanker

SAR Search and Rescue

T Transporter

Table 3: Non-GROUP AIRCRAFT (i.e., Not certified under group approval requirements) (Military)

Non-Group Descriptor	A/C ICAO	Manufacturer Type	Additional Defining Criteria
GLEX-ASTOR		Raytheon Sentinel aka RAF's ASTOR (Airborne Stand-Off Radar)	Non-Group
GLF5-AEW	GLF5	GULFSTREAM G550	Non-Group: AEW

Abbreviations:

AEW Airborne Early Warning