附录 **B** 最低监控要求

最低监控要求（**MMR**）内容说明

基本信息说明部分：

MMR 正文部分：

MMR 背景情况说明

MMR 表 1（Table 1）：RVSM 监控分类情况

MMR 表 2（Table2）：RVSM 监控组别对照

基本信息说明

最低监控要求（MMR）列表是由 ICAO 全球地区监控组织协调组（Regional Monitoring Agency Coordination Group ，简称 RMACG）负责维护，它主要说明了具备 RVSM 运行能力的航空器类型所属的监控组别和 RVSM 监控分类情况。MMR 主要用来确定航空运营人每个监控组别应开展监控的航空器最低数量。由于航空器的高度保持性能随时间会呈现变化，同时也有新的机型投入运行，因此 MMR 列表会随着时间的推移发生变化，航空运营人在使用 MMR 前请登录 China RMA 网站以下位置确认 MMR 的最新版本：

http://www.chinarma.cn/resourcedownload/index.jhtml

以下内容将详细说明如何使用 MMR 确定 RVSM 监控分类情况、监控组别以及应接受监控航空器数量：

1. 航空器的监控组别：具备对所有涉及高度保持性能精度影响的设计和构型基本相同的航空器被划分为同一个监控组别。

   监控组别的详细信息请参见 MMR 表 2：RVSM 监控组别，例如：湾流 300、350、400 等系列航空器都被划分为“GLF4”监控组别，这意味着在计算航空运营人湾流 300、350、400 系列航空器的应监控航空器数量时，他们将被放在一起，统一作为“GLF4”监控组别这个整体来考虑和计算：

Monitoring Group	A/C ICAO	A/C Type	A/C Series
GLF4	GLF4	GULFSTREAM IV (G-1159C) G300 G350 G400 G450	ALL SERIES

2. RVSM 监控分类：根据航空器满足 RVSM 航空系统最低性能标准（Minimum Aircraft System Performance Specifications，以下简称 MASPS）的情况，所有航空器被分成三个监控分类（具体情况参见下方 MMR 表 1：RVSM 监控分类情况）：

   (1) 第一类：具备 RVSM 批准且机队数据已充分说明其满足 RVSM MASPS 的情况

   (2) 第二类：具备 RVSM 批准但机队数据未充分说明其满足 RVSM MASPS 的情况

   (3) 第三类：具备 RVSM 批准的无组别航空器

3. 每个 RVSM 监控分类的最低监控要求是不同的：

   (1) 当监控组别中只有一架航空器时，该架航空器必须被监控；否则

   (2) 属于“第一类”的航空器，同一航空运营人每个监控组别至少有两架航空器需要被监控；

   (3) 属于 “第二类”的航空器，同一航空运营人每个监控组别至少有 60%（有小数点情况向上取整）需要被监控；

   (4) 属于 “第三类”无组别航空器，该组别内的航空器 100%需要被监控

以下给出一个通过 MMR 确定航空器监控组别的示例：

(1) 某航空公司有 5 架 A319，10 架 A320 航空器，他们都属于监控组别“A320”。“A320”的监控分类是第一类，因此该航空公司整个 A320 监控组别 15 架航每两年应接受监控航空器数量为两架

(2) 某公务机公司有 3 架 HAWKER 4000 航空器，他们属于“HA4T”监控组别，该组别属于第二类，因此该航空公司“HA4T”监控组别每两年应接受监控的航空器数量的计算方法为：3*0.6=1.8（向上取整），因此为两架。

4. 出于安全角度的考虑，中国民航统一采用了更严格的两年作为监控数据的有效期，不同于 ICAO 的“两年或 1000 飞行小时（取其中更长的）”。

CATEGORY		DESCRIPTOR	MINIMUM MONITORING REQUIREMENTS
1	GROUP APPROVED: DATA INDICATES COMPLIANCE WITH THE RVSM MASPS	A124, A300, 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, B752, B753, B764, B767, B772, B773, 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, GLF4, GLF5, H25B-800, J328, LJ40, LJ45, LJ60, MD10, MD11, MD80, MD90, 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. Operators with fleets consisting of aircraft from more than one group shall meet this requirement for each group in the fleet. In the event that an operator has a single airframe from a group, that aircraft shall be monitored every 2 years or 1,000 flight hours, whichever is longer.
2	GROUP APPROVED: INSUFFICIENT DATA ON APPROVED AIRCRAFT	Other group aircraft other than those listed above including: A148, A158, A350, AC90, AC95, AJ27, AN72, ASTR, ASTR-SPX, B701, B703, B731, B732, B744-LCF, B748, B787, BCS1, BD700, BE20, BE30, C25C, C441, C500, C550-B, C550-II, C550-SII, CRJ10, D328, DC85, DC86-87, DC91, DC93, DC94 DC95, E120, E45X, EA50, F2TH, F70, FA10, FA20, FA50, G150, G280, GLF2, GLF2B, GLF3, GLF6, H25B-700, H25B-750, H25C, HA4T, HDJT, IL62, IL76, IL86, IL96, L101, L29B-2, L29B-731, LJ23, LJ24, LJ25, LJ28, LJ31, LJ35-36, LJ55, MU30, P180, PAY4, PC12, SB20, SBR1, SBR2, 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, (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 group shall meet this requirement for each group in the fleet.

最低监控要求正文

MMR 会定期更新，本文中使用的是 2017 年 5月 25 日的 2017.0 版本，后续更新版本请登录 China RMA 网站以下位置确认：http://www.chinarma.cn/resourcedownload/index.jhtml

RVSM MINIMUM MONITORING REQUIREMENTS:
AS OF: 25 May 2017
Version 2017.0

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

   最低监控要求的更新和发布网址：当航空器获得了重要的性能数据后，其监控要求可能会发生变化。当表 1（RVSM 监控分类情况）中的内容被更新后，地区监控组织（RMA）将联系负责的国家和地区通报 MMR 变更情况。RMA 将会在自己的网站上发布最新版本的 MMR
   （ China RMA 发布的位置是： China RMA 网站以下位置确认：http://www.chinarma.cn/resourcedownload/index.jhtml），ICAO 方面对 MMR 最新版本的维护 和发布是在 ICAO portal 网站：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.

   初始监控：所有已经或准备在 RVSM 空域运行的航空运营人都应参与 RVSM 长期监控。表 1（RVSM 监控分类情况）给出了初始监控的相关要求。当运营人向相关主管部门申请 RVSM 批准时，必须给出其满足初始监控要求的计划

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.

   待监控航空器的情况：在航空器接受监控以前，应当完成 **RVSM** 适航批准所需的所有工程性工作。对于该项要求的任何例外情况均需与民航局相关管理部门协调。

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.

   其它地区监控组织获取的监控结果在本地区的适用性：在其它地区实施监控所获得的监控

数据可用于满足本地区的监控要求。作为负责管理监控实施项目的地区监控组织，负责获取来自其他地区的监控数据，并根据所有监控数据情况与所负责的国家和航空运营人开展协调，通知对方所辖所有航空器的监控完成情况和监控要求。

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.

航空运营人不需要在航空器未获得 **RVSM** 批准前开展监控：航空运营人应向负责的民航管理部门及本地区负责的 RMA 提交监控计划，并确认将如何开展监控工作以使机队满足监控要求。监控工作将依据表 1 的最低监控要求开展。

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.

未列入表 **1** 的航空器组别情况：如果所辖机队包含未在表 1 中说明的航空器组别，应联系 RMA 进行核实或说明与监控相关的其他事宜。未列入表 1 的航空器组别监控要求视情况可监控分类中的第二类情况对待。

7. **TABLE OF MONITORING GROUPS.** Table 2 shows the aircraft types and series that are grouped together for operator monitoring purposes.

RVSM 监控组别对照：表 2 给出了根据航空器机型、机型系列和出厂编号等信息确定监控组别的情况。

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.

无组别航空器：表 3 给出了无组别航空器的机型和系列号信息

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.

拖锥数据：使用型号合格审定试飞中采集的拖锥数据，可获得测高学系统误差的估计数据，这些数据可用于满足监控要求。但必须有文件证明航空器的 RVSM 系统是为本次飞行经过批准的 RVSM 飞行配置

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.

对新引进且满足 **RVSM** 要求航空器的监控：如果航空器运营人引进新的符合 RVSM 运行要求 的航空器，并且对于该航空运营人来说，此机队已经具备 RVSM 运行批准同时也满足了最低 监控要求，那么新加入的航空器不需要再做监控。如果引进新机，但该机队之前未获得 RVSM 运行批准，那么航空运营人需要按照最低监控要求开展监控

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.

持续监控：高度保持性能监控是航空器在获得 RVSM 批准之后的一项长期工作。ICAO 附件 6 中对声明了长期监控工作的最低监控要求。在一个区域性的范围内（比如中国所属的亚太地区），需要建立长期监控项目已确保 RVSM 空域内的航空器得到监控，从而确保区域性的缩小垂直间隔能够持续满足目标安全水平。

Table 1: MONITORING REQUIREMENTS TABLE (Civilian)

(表 1：RVSM 监控分类情况：民用航空器情况)

（此版本相比较上一版本（**2017.0** 版本）有变化的组别以黄色高亮显示）

MONITORING IS REQUIRED IN ACCORDANCE WITH THIS TABLE （所有航空运营人的机队监控最低要求须遵循本表格内容） **MONITORING PRIOR TO THE ISSUE OF RVSM APPROVAL IS NOT A REQUIREMENT** （航空运营人不需要在航空器未获得 **RVSM** 批准前开展监控）			
CATEGORY （监控分类）		**DESCRIPTOR** （监控组别描述）	**MINIMUM MONITORING REQUIREMENTS** （最低监控要求）
1	一类航空器	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, B752, B753, B764, B767, B772, B773, 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	包含在此类的运营人的航空器类型每个组别每两年至少有两架进行高度保持性能监控
2	二类航空器	A148, A158, A350, AC90, AC95, AJ27, AN72, ASTR, ASTR-SPX, B701, B703, B731, B732, B744-LCF, B748, B787, BCS1, BE20, BE30, C25C, C441, C500, C550-B, C550-II, C550-SII, CRJ10, D328, DC85, DC86-87, DC91, DC93, DC94, DC95, E120, E45X, EA50, E545-550, F2TH, F70, FA10, FA20, FA50, G150, G280, GLF2, GLF2B, GLF3, GLF6, H25B-700, H25B-750, H25C, HA4T, HDJT, IL62, IL76, IL86, IL96, L101, L29B-2, L29B-731, LJ23, LJ24, LJ25, LJ28, LJ31, LJ35-36, LJ55, MU30, P180, P180 II, PC24, PAY4, SB20, SBR1, SBR2, SU95, T134, T204, T334, TBM, WW24, YK42	包含在此类的运营人的航空器类型每个组别每两年至少有60%进行高度保持性能监控
3	无组别航空器	A225, AN12, AN26, B190, B462, B463, B74S-SOFIA, BA11, BE9L, GSPN, H25A, L29A, M-55, PAY3, R721, R722, SJ30, STAR	包含在此类的运营人的航空器类型每个组别每两年全部进行高度保持性能监控

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

（表 **2**：**RVSM** 监控组别对照）

注： Series：机型系列；S/n 或 Sn：机身系列号/出厂系列号

Monitoring Group（监控组别名称）	**A/C ICAO**（航空器 **ICAO** 机型代码）	**Manufacturer Type**（航空器机型厂商型别）	**Additional Defining Criteria**（用来判断监控组别所需的额外信息）
A124	A124	AN-124 RUSLAN	
A148	A148	AN-148	
A158	A158	AN-158	
A30B	A30B	A300	
A306	A306	A300	
A310-GE	A310	A310	
A310-PW	A310	A310	
A318	A318	A318	
A320	A319 A320 A321	A319 A320 A321	
A330	A332 A333	A330 A330	
A340	A342 A343	A340 A340	
A345	A345	A340	
A346	A346	A340	
A350	A359 A358	AIRBUS 350-900 AIRBUS 350-800	
A380	A388	A380	
A3ST	A3ST	A300	600R ST BELUGA
AC90	AC90	COMMANDER 690 COMMANDER 840 COMMANDER 900	
AC95	AC95	AERO COMMANDER 695	

Monitoring Group （监控组别名称）	**A/C ICAO** （航空器 **ICAO** 机型代码）	**Manufacturer Type** （航空器机型厂商型别）	**Additional Defining Criteria** （用来判断监控组别所需的额外信息）
AJ27	AJ27	COMAC ARJ-21-700	
AN72	AN72	ANTONOV AN-72 ANTONOV AN-74	
ASTR	ASTR	1125 ASTRA	S/n 1-78, except 73
ASTR-SPX	ASTR	1125 ASTR SPX, G100	S/n 73, 79-145 S/n > 145
AVRO	RJ1H RJ70 RJ85	RJ100 Avroliner RJ70 Avroliner RJ85 Avroliner	
B701	B701	B707	
B703	B703	B707	
B712	B712	B717	
B727	B721 B722	B727 B727	
B731	B731	B737	
B732	B732	B737	
B737CL	B733 B734 B735	B737-300 B737-400 B737-500	
B737NX	B736 B737 B738 B739	B737-600 B737-700 B737-800 B737-900	B737-700 including the BBJ B737-800 including the BBJ2
B737C	B737	B737-700	
B747CL	B741 B742 B743	B747-100 B747-200 B747-300	
B74S	B74S	B747SP	

Monitoring Group （监控组别名称）	**A/C ICAO** （航空器 **ICAO** 机型代码）	**Manufacturer Type** （航空器机型厂商型别）	**Additional Defining Criteria** （用来判断监控组别所需的额外信息）
	B74R	B747SR	
B744-5	B744 B74D	B747-400	5 inch Probes up to SN 25350
B744-10	B744 B74D	B747-400	10 inch Probes from SN 25351
B744-LCF	BLCF	B747-400	
B748	B748	B747-8	
B752	B752	B757-200	
B753	B753	B757-300	
B767	B762 B763	B767-200 B767-300	
B764	B764	B767-400	
B772	B772 B77L B77L	B777-200 B777-F B777-200LR	
B773	B773 B77W	B777-300 B777-300ER	
B787	B788 B789	B787-8 B787-9	
BCS1	BCS1 BCS3	BOMBARDIER 500 C SERIES CS100 BOMBARDIER 500 C SERIES CS300	
BD100	CL30 CL35	CHALLENGER 300 CHALLENGER 350	Begins at s/n 20501
BE20	BE20	200 KINGAIR	
BE30	BE30 B350	B300 SUPER KINGAIR B300 SUPER KINGAIR 350	

Monitoring Group （监控组别名称）	**A/C ICAO** （航空器 **ICAO** 机型代码）	**Manufacturer Type** （航空器机型厂商型别）	**Additional Defining Criteria** （用来判断监控组别所需的额外信息）
BE40	BE40	BEECHJET 400 BEECHJET 400A BEECHJET 400XP HAWKER 400XP	
C441	C441	CONQUEST II	
C500	C500 C500 C501	500 CITATION 500 CITATION I 501 CITATION I SINGLE PILOT	
C510	C510	MUSTANG	
C525	C525	525 CITATIONJET 525 CITATIONJET 1 525 CITATIONJET PLUS C525-M2	
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 C551	550 CITATION II 551 CITATION II SINGLE PILOT	s/n 550-0001 to 550-0800
C550-SII	C550	S550 CITATION SUPER II	s/n starts with “S”
C560	C560	560 CITATION V 560 CITATION V ULTRA 560 CITATION V ENCORE	
C56X	C56X	560 CITATION EXCEL 560 CITATION XLS	

Monitoring Group （监控组别名称）	**A/C ICAO** （航空器 **ICAO** 机型代码）	**Manufacturer Type** （航空器机型厂商型别）	**Additional Defining Criteria** （用来判断监控组别所需的额外信息）
C650	C650	650 CITATION III 650 CITATION VI 650 CITATION VII	
C680	C680	680 CITATION SOVEREIGN 680-A LATITUDE	 “A”in s/n
C750	C750	750 CITATION X	
CARJ	CRJ1 CRJ2 CRJ2 CRJ2	CRJ-100 CRJ-200 CHALLENGER 800 CHALLENGER 850	
CRJ7	CRJ7	CRJ-700	
CRJ9	CRJ9	CRJ-900	
CRJ10	CRJX	CRJ-1000	
CL600	CL60	CL-600 CL-601	S/n < 5000
CL604	CL60	CL-604 CL-601-3A CL-601-3R	5000 < S/n < 5700 5001 – 5134 5135 – 5300
CL605	CL60	CL-605	S/n > 5700
DC10	DC10	DC-10	
D328	D328	328 TURBOPROP	
DC85	DC85	DC-8	
DC86-87	DC86 DC87	DC-8 DC-8	
DC91	DC91	DC-9	
DC93	DC93	DC-9	
DC94	DC94	DC-9	

Monitoring Group （监控组别名称）	**A/C ICAO** （航空器 **ICAO** 机型代码）	**Manufacturer Type** （航空器机型厂商型别）	**Additional Defining Criteria** （用来判断监控组别所需的额外信息）
DC95	DC95	DC-9	
E120	E12	EMB-120 Brasilia	
E135-145	E135 E145 E35L	EMB-135 EMB-145 EMB-135BJ Legacy 600/650	
E45X	E45X	RMB-145XR	
E170-190	E170 E170 E75S E190 E190	EMB-170 EMB-175 ERJ-170-200(short wing) EMB-190 EMB-195	
E50P	E50P	PHENOM 100	
E545-550	E545 E550	EMB-545 Legacy 450 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	
FA20	FA20	FALCON 20 FALCON 200	
FA50	FA50	FALCON 50 FALCON 50EX	
FA7X	FA7X FA8X	FALCON 7X FALCON 8X	
G150	G150	G150	

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DC95	DC95	DC-9	
E120	E12	EMB-120 Brasilia	
E135-145	E135 E145 E35L	EMB-135 EMB-145 EMB-135BJ Legacy 600/650	
E45X	E45X	RMB-145XR	
E170-190	E170 E170 E75S E190 E190	EMB-170 EMB-175 ERJ-170-200(short wing) EMB-190 EMB-195	
E50P	E50P	PHENOM 100	
E545-550	E545 E550	EMB-545 Legacy 450 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	
FA20	FA20	FALCON 20 FALCON 200	
FA50	FA50	FALCON 50 FALCON 50EX	
FA7X	FA7X FA8X	FALCON 7X FALCON 8X	
G150	G150	G150	

Monitoring Group （监控组别名称）	**A/C ICAO** （航空器 **ICAO** 机型代码）	**Manufacturer Type** （航空器机型厂商型别）	**Additional Defining Criteria** （用来判断监控组别所需的额外信息）
G280	G250 G280	G250 G280	
GALX	GALX	1126 GALAXY G200	
GLEX	GLEX	GLOBAL EXPRESS CLASSIC GLEX GLOBAL XRS GLOBAL 6000 BD-700-1A10	EXPRESS s/n > 9158 s/n > 9431, and 9313 and 9381
GL5T	GL5T	GLOBAL 5000 GLOBAL 5000-GVFD BD-700-1A11	s/n > 9434, and 9386 and 9401
GLF2	GLF2	GULFSTREAM II (G-1159)	
GLF2B	GLF2	GULFSTREAM IIB (G-1159B)	
GLF3	GLF3	GULFSTREAM III (G-1159A)	
GLF4	GLF4	GULFSTREAM IV (G-1159C) G300 G350 G400 G450	
GLF5	GLF5	GULFSTREAM V (G-1159D) G500 G550	
GLF6	GLF6	G650	
H25B-700	H25B	BAE 125 / HS125	
H25B-750	H25B	HAWKER 750	
H25B-800	H25B	BAE 125 / HS125 HAWKER 800XP HAWKER 800XPI HAWKER 800 HAWKER 850XP HAWKER 900XP	
H25C	H25C	HAWKER 1000	
HA4T	HA4T	HAWKER 4000	
HDJT	HDJT	HONDAJET HA-420	
IL62	IL62	ILYUSHIN-62	
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 2	
L29B-731	L29B	L-1329 JETSTAR 731	
LJ23	LJ23	LEARJET 23	
LJ24	LJ24	LEARJET 24	
LJ25	LJ25	LEARJET 25	
LJ28	LJ28	LEARJET 28 LEARJET 29	

Monitoring Group （监控组别名称）	**A/C ICAO** （航空器 **ICAO** 机型代码）	**Manufacturer Type** （航空器机型厂商型别）	**Additional Defining Criteria** （用来判断监控组别所需的额外信息）
LJ31	LJ31	LEARJET 31	
LJ35-36	LJ35	LEARJET 35, 35A LEARJET 36, 36A	
LJ40	LJ40 LJ70	LEARJET 40 LEARJET 70	Begins at s/n 2001 Begins at s/n 2134
LJ45	LJ45 LJ75	LEARJET 45 LEARJET 75	 Begins at s/n 456
LJ55	LJ55	LEARJET 55	
LJ60	LJ60	LEARJET 60	
MD10	MD10	MD-10	
MD11	MD11	MD-11	
MD80	MD81 MD82 MD83 MD87 MD88	MD-80 MD-80 MD-80 MD-80 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 II	P-180 AVANTI II	s/n > 1104 and also 1002
PAY4	PAY4	PA-42 Cheyenne 400	1000 CHEYENNE
PC12	PC12	PC-12	
PC24	PC24	PC-24	
PRM1	PRM1	PREMIER 1	
SB20	SB20	SAAB 2000	
SBR1	SBR1	SABRELINER 40 SABRELINER 60 SABRELINER 65	
SBR2	SBR2	SABRELINER 80	
SU95	SU95	SUKHOI SUPERJET 100-95	
T134	T134	TU-134	
T154	T154	TU-154	
T204	T204	TU-204 TU-214 TU-224 TU-234	
T334	T334	TU-334	
TBM	TBM7 TBM8 TBM9	TBM-700 TBM-850 TBM-900	 Begins at s/n 1000
WW24	WW24	1124 WESTWIND	
YK42	YK42	Yakovlev YAK-42 Yakovlev YAK-40	

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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
B74S-SOFIA	B74S	NASA B74SP with Sofia telescope	Non-Group: N747NA (s/n 21441)
BA11	BA11	BAC-111	Non-Group
BE9L	BE9L	King Air Model 90 except F90 and F90-1	Non-Group
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
M-55	M55	Myasischev M-55 Geophysica	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