



International Civil Aviation Organization

**The 17th Meeting of the Regional Airspace Safety Monitoring Advisory Group
(RASMAG/17)**

Bangkok, Thailand, 27-31 August 2012

Agenda Item 5: Airspace Safety Monitoring Activities/Requirements in the Asia/Pacific Region

MAAR RVSM LONG TERM HEIGHT MONITORING BURDEN UPDATE

(Presented by Monitoring Agency for Asia Region)

SUMMARY

This paper presents the estimated monitoring burden for aircraft registered or operated by operators under States within MAAR's responsibility to meet Annex 6 monitoring requirements by November 2012.

Strategic Objectives:

A: *Safety – Enhance global civil aviation safety*

Global Plan Initiatives:

GPI-2 Reduced vertical separation minima

1. Introduction

1.1. At the RASMAG16, the ICAO has tasked all RMAs to present the monitoring burden for the next RASMAG meetings to anticipate monitoring burden for each State within the region. Following the previous RASMAG meeting, this paper provides the estimated monitoring burden based on the current RVSM approvals database.

2. Discussion

2.1. After reviewing of the most recent RVSM approvals database maintained by the MAAR, the total number of RVSM approved aircraft is 1,787. Out of this total, 617 (28%) aircraft were successfully monitored since November 2010. These monitoring include the ones performed by the MAAR and other RMAs (i.e. AAMA, EURRMA, and JASMA) as of July 2012.

2.2. When applying the minimum monitoring requirements (MMR) to the total of approved aircraft, the total monitoring burden to be achieved by November 2012 is 505 aircraft. Taken into account the number of successfully monitored aircraft, the outstanding monitoring burden for the Asia Region is 226 aircraft 90 out of which is general aviation aircraft.

2.3. The MAAR has scheduled monitoring for 49 airframes, which can be used to fulfill the Long Term Monitoring Requirements, lowering the monitoring burden to 177 aircraft.

2.4. In addition, to fulfil the monitoring requirement, the MAAR has planned to use the ADS-B system to monitor aircraft overflying the Bangkok FIR. The MAAR expects the monitoring burden to be reduced by additional 31 aircraft.

2.5. MAAR has contacted States to ensure that the operators satisfied with the Annex 6 monitoring requirements.

2.6. **Appendix A** provides details of the monitoring burden based on the minimum monitoring requirements. The **table 1** below indicates the monitoring burden by States:

States	Monitoring Burden (Number of airframes)	Scheduled	Remaining
Afghanistan (OA)	7	0	7
Bangladesh (VG)	12	0	12
Cambodia (VD)	4	0	4
Hong Kong, China (VH)	19	2	17
India (VA)	58	31	27
Macau, China (VM)	10	1	9
Malaysia (WM)	14	2	12
Maldives (VR)	2	0	2
Mongolia (ZM)	5	5	0
Myanmar (VY)	0	0	0
Pakistan (OP)	14	0	14
Philippines (RP)	13	0	13
Singapore (WS)	6	3	3
Sri Lanka (VC)	4	0	4
Taiwan, China (TW)	4	3	1
Thailand (VT)	46	2	44
Viet Nam (VV)	8	0	8
Grand Total	226	49	177

Table 1: Summary of Monitoring Burden by State

3. Actions by the Meeting

3.1. The Meeting is invited to:

- a) Review the information provided in the paper and Appendix A,
- b) Consider the impact the burden may have on the targeted Annex 6 requirements for November 2012,
- c) Use the information to update the current monitoring burden anticipated for the Asia/Pacific RMAs.

Appendix A: Estimated RVSM Monitoring Burden for Asia/Pacific Region as a result of Long Term Height Monitoring Requirements of Annex 6
- Period from Nov 2010 to Nov 2012

(Data estimated by Asia/Pacific RVSM Regional Monitoring Agencies)

MAAR Monitoring Burden (compiled July 2012)

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
OA (Afghanistan)	AFG	ARIANA AFGHAN AIRLINES	A310-GE	C1	2	2	2
			B727	C1	3	2	2
			B737CL	C1	4	2	2
	SFW	SAFI AIRWAYS	A320	C1	2	2	0
			A340	C1	0	0	0
			B737CL	C1	0	0	0
			B767	C1	1	1	1
OP (Pakistan)	ABQ	AIR BLUE	A320	C1	8	2	2
	IGA-OP	GENERAL AVIATION	BE40	C2	2	2	2
			G150	C2	1	1	1
			LJ45	C1	1	1	1
	IGA-OP001	PRINCELY JETS (PVT) LTD.	C550-B	C2	1	1	0
			CL600	C1	1	1	1
			CL604	C1	1	1	0
	IGA-OP002	LYNX AVIATION (PVT) LTD.	H25B-800	C1	1	1	1
	PIA	PAKISTAN AIRLINES	A300	C1	0	0	0
			A310-GE	C1	7	2	0
			A310-PW	C1	6	2	0
			B737CL	C1	7	2	2
			B747CL	C1	11	2	0
			B772	C1	6	2	0
			B773	C1	3	2	0
RAB	RAYYAN AIR	B747CL	C1	2	2	2	
SAI	SHAHEEN INTERNATIONAL	B732	C2	3	2	2	

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
RP (Philippines)	AAU	AIRASIA PHILIPPINES	A320	C1	2	2	0
	CEB	CEBU PACIFIC AIR	A320	C1	25	2	0
	EZD	ZEST AIRWAYS	A320	C1	9	2	0
	GAP	AIR PHILIPPINES	A320	C1	11	2	0
			B732	C2	0	0	0
	IGA-RP	GENERAL AVIATION	H25B-800	C1	1	1	1
			LJ35-36	C2	1	1	1
	IGA-RP001	SPIRIT OF MANILA AIRLINES INC	MD80	C1	1	1	1
	IGA-RP002	SUBIC INTERNATIONAL AIR CHARTER INC.	LJ45	C1	2	2	2
			LJ60	C1	1	1	1
	IGA-RP003	LIONAIR INC.	C500	C2	1	1	1
			H25B-700	C2	1	1	1
			WW24	C2	2	2	0
	IGA-RP004	ROYAL STAR AVIATION, INC.	J328	C1	1	1	0
	IGA-RP005	CHALLENGER AERO AIR CORPORATION	BD100	C1	1	1	1
			F2TH	C2	1	1	1
			GLEX	C1	1	1	1
	IGA-RP006	JET EAGLE	F900	C1	1	1	1
	PAL	PHILIPPINE AIRLINES INC.	A320	C1	20	2	0
			A330	C1	8	2	0
			A340	C1	4	2	0
			B737CL	C1	0	0	0
			B744-10	C1	5	2	0
B747CL			C1	0	0	0	
B773			C1	2	2	0	
G150			C2	1	1	1	
SRQ	SOUTH EAST ASIAN AIRLINES	A320	C1	2	2	0	

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
TW (Taiwan, China)	CAL	CHINA AIRLINES	A330	C1	22	2	0
			A340	C1	6	2	0
			B737NX	C1	10	2	0
			B744-10	C1	34	2	0
	EVA	EVA AIRWAYS CORPORATION	A330	C1	14	2	0
			B744-10	C1	16	2	0
			B773	C1	15	2	0
			MD11	C1	7	2	0
		MD90	C1	2	2	2	
	FEA	FAR EASTERN AIR TRANSPORT	MD80	C1	6	2	0
	IGA-TW	GENERAL AVIATION	GLF5	C1	1	1	0
	IGA-TW001	SUNRISE AIRLINE	BE40	C2	1	1	0
	IGA-TW002	WIN AIR BUSINESS JET	GLEX	C1	1	1	0
			GLF5	C1	1	1	0
	IGA-TW003	AEROSPACE INDUSTRIAL DEVELOPMENT CORPORATION (AIDC)	ASTR-SPX	C2	1	1	1
	IGA-TW004	EXECUTIVE AVIATION TAIWAN CORP	BE40	C2	1	1	1
	MDA	MANDARIN AIRLINES	E170-190	C1	8	2	0
TNA	TRANSASIA AIRWAYS LTD.	A320	C1	9	2	0	
UIA	UNI AIRWAYS CORPORATION	MD90	C1	9	2	0	

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
VA (India)	AIC	AIR INDIA	A310-GE	C1	6	2	1
			B744-10	C1	5	2	1
			B744-5	C1	0	0	0
			B747CL	C1	0	0	0
			B772	C1	8	2	2
			A300	C1	3	2	2
			A320	C1	83	2	2
			A330	C1	2	2	2
			C25A	C2	0	0	0
	BDA	BLUEDART RAMDAS K.P.	B732	C2	2	2	2
			B752	C1	4	2	0
	GOW	GO AIR PVT LTD.	A320	C1	12	2	0
	IGA-VA001	AIR INDIA CHARTERS LTD.	B737NX	C1	24	2	0
	IGA-VA003	ORBIT AVIATION	C25A	C2	1	1	1
	IGA-VA004	PINNACLE AIR PVT LTD.	C25A	C2	1	1	0
			F2TH	C2	1	1	1
	IGA-VA005	POONAWALLA AVIATION	F900	C1	1	1	0
	IGA-VA006	AIRMID AVIATION SERVICES PVT LTD.	C550-B	C2	1	1	0
			CARJ	C1	1	1	0
			CL604	C1	1	1	0
	IGA-VA007	SPAN AIR	CARJ	C1	1	1	1
			H25B-800	C1	1	1	0
			PRM1	C1	1	1	0
	IGA-VA008	GUJARAT ADANI AVIATION PVT LTD.	H25B-800	C1	1	1	0
	IGA-VA009	AR AIRWAYS PVT LTD.	C550-II	C2	3	2	0
			C56X	C1	1	1	1
			CARJ	C1	1	1	0
	IGA-VA010	EIH LTD.	H25B-700	C2	1	1	1
			H25B-800	C1	1	1	0

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
VA (Continued)	IGA-VA011	DOVE AIRLINES PVT LTD.	C525	C1	1	1	1
	IGA-VA012	UNIVERSAL AIRWAYS (P) LTD.	C650	C1	1	1	0
	IGA-VA013	TAJ AIR PVT LTD.	F2TH	C2	3	2	0
			P180	C2	1	1	0
	IGA-VA014	ASIA AVIATION LIMITED	C550-II	C2	1	1	1
			GLF5	C1	1	1	1
	IGA-VA015	GMR AVIATION PVT LTD.	F2TH	C2	1	1	0
			H25B-700	C2	1	1	0
	IGA-VA016	SRC AVIATION (P) LTD.	H25B-800	C1	1	1	1
	IGA-VA018	BHARAT FORGE LTD.	F900	C1	1	1	0
	IGA-VA019	BORDER SECURITY FORCE	E135-145	C1	1	1	1
	IGA-VA020	CIVIL AVIATION DEPARTMENT GOVT OF UTTAR PRADESH	H25B-800	C1	1	1	0
	IGA-VA021	COROMANDEL TRAVELS	H25B-800	C1	1	1	0
	IGA-VA022	DLF LTD.	GLF4	C1	1	1	0
	IGA-VA023	ESSAR SHIPPING LTD.	GLF5	C1	1	1	0
	IGA-VA024	FLEX INDUSTRIES LTD.	C56X	C1	1	1	1
	IGA-VA025	FORCE MOTORS LTD	PRM1	C1	1	1	1
	IGA-VA026	FUTURA TRAVELS LTD.	GALX	C1	1	1	0
			H25B-800	C1	1	1	0
	IGA-VA028	GOLDEN WINGS PVT LTD.	BD100	C1	1	1	1
			F2TH	C2	1	1	0
	IGA-VA029	GRASIM INDUSTRIES LTD.	ASTR-SPX	C2	1	1	0
	IGA-VA030	JINDAL STEEL & POWER LIMITED	GLEX	C1	1	1	1
	IGA-VA031	JSW STEEL LTD.	BD100	C1	1	1	0
			C56X	C1	1	1	1
	IGA-VA032	KIRLOSKAR OIL ENGINES LTD.	H25B-800	C1	1	1	1
	IGA-VA033	MSPL LTD.	C525	C1	1	1	0
			P180	C2	1	1	0

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
VA (Continued)	IGA-VA034	RAYMOND LTD.	CL604	C1	1	1	1
			H25B-800	C1	1	1	1
	IGA-VA035	RELIANCE AIR	GLF4	C1	1	1	1
	IGA-VA036	RELIANCE COMMERCIAL DEALERS LTD.	F2TH	C2	1	1	0
			F900	C1	1	1	1
			GLEX	C1	2	2	0
			H25B-800	C1	1	1	0
	IGA-VA038	SERUM INSTITUTE OF INDIA	C56X	C1	1	1	1
	IGA-VA039	SPENCERS TRAVEL SERVICES	BE40	C2	1	1	0
	IGA-VA040	STEEL AUTHORITY OF INDIA LTD.	H25B-750	C2	1	1	0
	IGA-VA041	SUN TV NETWORK LTD.	GLEX	C1	1	1	0
	IGA-VA042	TANEJA AEROSPACE & AVIATION LTD.	C525	C1	1	1	1
	IGA-VA043	TATA IRON & STEEL CO., LTD.	F2TH	C2	1	1	1
	IGA-VA044	UTTAR PRADESH GOVERNMENT	PRM1	C1	1	1	0
	IGA-VA045	VEDANTA ALUMINA LTD.	C680	C1	1	1	1
	IGA-VA046	VRL LOGISTICS LTD.	PRM1	C1	1	1	1
	IGA-VA047	WELSPUN LOGISTICS LTD.	BE40	C2	1	1	0
			PRM1	C1	1	1	1
	IGA-VA048	SWAJAS AIR CHARTERS LTD	C56X	C1	1	1	0
	IGA-VA049	KRISHNAPATNAM PORT COMPANY LTD	E135-145	C1	1	1	0
	IGA-VA050	SIMM SMM AIRWAYS	PRM1	C1	1	1	0
	IGA-VA051	GVK LIMITED	F2TH	C2	1	1	0
	IGA-VA052	TVS MOTOR COMPANY	C25A	C2	1	1	0
			PRM1	C1	1	1	0
	IGA-VA053	BAJAJ AUTO LIMITED	BD700	C2	1	1	0
	IGA-VA055	MODERN ROAD MAKERS PVT LTD	HA4T	C2	1	1	0
	IGA-VA056	L & T AVIATION SERVICES PVT. LTD	H25B-800	C1	2	2	0
	IGA-VA057	EUROPEAN PROJECTS AND AVIATION PVT. LTD.	F2TH	C2	1	1	0
GALX			C1	1	1	0	

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
VA (Continued)	IGA-VA058	CROMTRON GREAVES LTD	GLF5	C1	1	1	0
	IGA-VA059	BUSINESS JETS INDIA PRIVATE LIMITED	C525	C1	1	1	0
			H25B-800	C1	3	2	0
	IGA-VA060	FIRST FUTURE AIR SERVICES PVT LTD	H25B-800	C1	1	1	0
	IGA-VA061	RELIGARE AVIATION LTD	F2TH	C2	2	2	0
			FA7X	C2	1	1	0
			H25B-800	C1	1	1	1
	IGA-VA062	QUICK FLIGHT LIMITED	LJ45	C1	1	1	0
	IGA-VA063	BHASKAR EXXOILS PVT LTD	LJ60	C1	1	1	0
	IGA-VA064	JUPITER AVIAITON SERVICES PRIVATE LIMITED	BD100	C1	1	1	0
	IGA-VA065	AIR ONE AVIATION PVT	C56X	C1	1	1	0
			E170-190	C1	1	1	1
	IGA-VA066	INVISION AIR SERVICES PVT. LTD.	E50P	C2	2	2	0
	IGA-VA067	PUNJ LLOYD AVIATION LTD.	GALX	C1	1	1	0
	IGA-VA068	KESTREL AVIATION PVT. LTD.	C550-B	C2	1	1	0
	IGA-VA069	GOVERNMENT OF MAHARASHTRA	C56X	C1	1	1	0
	IGA-VA070	ABG RESOURCES PRIVATE LIMITED	H25B-800	C1	1	1	0
	IGA-VA071	HINDALCO INDUSTRIES LIMITED	C25A	C2	1	1	0
			GLF5	C1	1	1	0
	IGA-VA072	JAIPRAKASH ASSOCIATES LIMITED	H25B-700	C2	1	1	0
	IGA-VA073	TV SUNDRAM IYENGAR AND SONS LIMITED	E50P	C2	1	1	0
	IGA-VA074	VISA AVIATION LIMITED	LJ45	C1	1	1	0
	IGA-VA075	EON AVIATION PVT. LTD.	BD700	C2	1	1	1
			CL604	C1	1	1	0
	IGA-VA076	BHUSHAN AVIATION LIMITED	C560	C1	1	1	0
	IGA-VA077	PRIVILEGE AIRWAYS PVT. LTD. MUMBAI	BD100	C1	1	1	0
	IGA-VA078	HINDUSTAN CONSTRUCTION COMPANY LIMITED	HA4T	C2	1	1	1
	IGA-VA079	RELIANCE TRANSPORT & TRAVELS PVT. LTD.	F2TH	C2	1	1	0
IGA-VA080	M/S ABHIJEET PROJECTS LIMITED	CL600	C1	1	1	0	

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
VA (Continued)	IGA-VA081	J. K. LAKSHMI CEMENT LIMITED	P180	C2	1	1	1
	IGA-VA082	DECCAN CHRONICLES HOLDING LTD	BE40	C2	1	1	1
	IGA-VA083	GOVERNMENT OF TAMILNADU	C560	C1	1	1	1
	IGA-VA084	KARNAVAIT AVIATION PRIVATE LIMITED	CL605	C1	1	1	0
	IGA-VA085	SSP AVIATION PRIVATE LIMITED	CL604	C1	1	1	1
	IGA-VA086	FORUM 1 AVIATION PRIVATE LIMITED	H25B-800	C1	2	2	2
	IGA-VA087	INDIA FLYSAFE AVIATION LIMITED	C25A	C2	1	1	1
	IGA-VA088	VENKATESHWARA HATCHERIES PVT. LTD.	H25B-800	C1	1	1	0
	IGA-VA089	KALYAN JEWELLERS INDIA PVT. LTD.	E50P	C2	1	1	1
	IGA-VA090	M/S ASHLEY AVIATION LTD.	F2TH	C2	1	1	0
	IGA-VA091	M/S MAHINDRA & MAHINDRA LIMITED	LJ60	C1	1	1	0
	IGA-VA092	SOBHA PURAVANKARA AVIATION PVT. LTD.	GALX	C1	1	1	1
	IGA-VA093	JYOTHI AVIATION AND DEVELOPERS LIMITED	E50P	C2	1	1	1
	IGO	INDIGO AIRLINES	A320	C1	57	2	2
	JAI	JET AIRWAYS	A330	C1	10	2	0
			A340	C1	0	0	0
			B737C	C1	0	0	0
			B737CL	C1	0	0	0
			B737NX	C1	60	2	1
			B773	C1	10	2	1
	KFR	KINGFISHER AIRLINES LTD.	A320	C1	25	2	0
			A310-GE	C1	0	0	0
			A310-PW	C1	0	0	0
			A330	C1	0	0	0
	LLR	ALLIANCE AIR	CRJ7	C1	4	2	0
	RSH	JET LITE LTD.	B737NX	C1	19	2	2
	SEJ	SPICE JET LTD.	B737NX	C1	34	2	0

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
VC (Sri Lanka)	ALK	AIR LANKA	A320	C1	11	2	2
			A330	C1	6	2	0
			A340	C1	6	2	0
	MLR	MIHIN LANKA	A320	C1	2	2	2
VD (Cambodia)	PMT	PROGRESS MULTITRADE CO., LTD	MD80	C1	1	1	1
	RKH	ROYAL KHMER AIRLINES	B732	C2	1	1	1
	SWM	SKYWINGS ASIA AIRLINES	A320	C1	1	1	1
			MD80	C1	1	1	1
VG (Bangladesh)	BBC	BIMAN BANGLADESH AIRLINES	A310-PW	C1	3	2	0
			B737NX	C1	2	2	2
			B773	C1	2	2	0
			DC10	C1	4	2	2
	GMG	GMG AIRLINES	MD80	C1	3	2	2
	IGA-VG001	YOUNGONE (CEPZ) LIMITED	P180	C2	2	2	1
	IGA-VG002	ZAINUL HAQUE SIKDER WOMENS MEDICAL COLLEGE & HOSPITAL (PVT) LTD. (DBA): R & R AVIATION	H25B-800	C1	1	1	1
	UBD	UNITED AIRWAYS BANGLADESH	A310-PW	C1	2	2	2
			MD80	C1	3	2	2
	VH (Hong Kong, China)	AHK	AIR HONG KONG LTD.	A306	C1	8	2
B744-10				C1	2	2	2
B744-5				C1	1	1	1
CPA		CATHAY PACIFIC AIRWAYS LTD.	A330	C1	34	2	0
			A340	C1	11	2	0
			B744-10	C1	29	2	0
			B744-5	C1	10	2	0
			B748	C2	6	4	0
			B772	C1	5	2	1
B773	C1	40	2	0			

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
VH (Continued)	CRK	HONG KONG AIRLINES	A320	C1	3	2	0
			A330	C1	12	2	0
			B737CL	C1	2	2	0
			B737NX	C1	2	2	0
	HDA	HONG KONG DRAGON AIRLINES	A320	C1	19	2	2
			A330	C1	16	2	2
			B744-10	C1	1	1	0
			B744-5	C1	1	1	0
	HKE	HONG KONG EXPRESS AIRWAYS LTD.	B737NX	C1	6	2	0
	IGA-VH002	HONG KONG AIRLINES CORPORATE JET MANAGEMENT LIMITED	GLF5	C1	1	1	1
	MTJ	METROJET LTD.	B737NX	C1	1	1	0
			C560	C1	1	1	0
			CL604	C1	1	1	1
			GALX	C1	3	2	2
			GLF4	C1	4	2	0
			GLF5	C1	8	2	0
	PJS	JET AVIATION (HK) LIMITED	GLF5	C1	2	2	2
	TBJ	TAG AVIATION ASIA LTD.	BD700	C2	5	3	0
			CL605	C1	2	2	1
			GLEX	C1	1	1	1
GLF4			C1	1	1	1	
VM (Macau, China)	AMU	AIR MACAU	A320	C1	14	2	0
	IGA-VM001	JET ASIA LTD.	CL600	C1	2	2	2
			H25B-700	C2	1	1	1
			H25B-750	C2	4	3	3
			H25B-800	C1	1	1	1
	IGA-VM002	MACAU JET INTERNATIONAL CO., LTD.	F2TH	C2	2	2	1
VVM	VIVA MACAU LTD.	B767	C1	2	2	2	
VR (Maldives)	MEG	MEGA GLOBAL AIR SERVICES (MALDIVES) PRIVATE LIMITED	B767	C1	2	2	2

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
VT (Thailand)	AIQ	THAI AIR ASIA	A320	C1	26	2	2
			B737CL	C1	1	1	1
	BKP	BANGKOK AIRWAYS	A320	C1	10	2	0
	HSN	H.S. AVIATION CO.LTD.	LJ35-36	C2	1	1	1
	IGA-VT	GENERAL AVIATION	C750	C1	1	1	1
	IGA-VT001	HRH THE CROWN PRINCE	B737CL	C1	1	1	1
	IGA-VT002	MINOR AVIATION LTD.	C25B	C2	1	1	1
	IGA-VT003	SIAM LAND FLYING	H25B-700	C2	1	1	1
			H25B-800	C1	1	1	1
	IGA-VT004	BANGKOK AVIATION CENTER CO.LTD.	BE40	C2	1	1	1
			C510	C2	1	1	1
	IGA-VT005	AC AVIATION	BE40	C2	1	1	1
	IGA-VT006	BUSINESS AIR CENTRE	B767	C1	4	2	2
	IGA-VT008	ADVANCE AVIATION JET COMPANY LIMITED	GALX	C1	1	1	1
	IGA-VT009	JET A COMPANY LIMITED	GALX	C1	1	1	1
	IGA-VT010	MJETS LIMITED	C550-B	C2	1	1	1
	IGA-VT011	SIAM AIRNET COMPANY LIMITED	C750	C1	1	1	1
			F2TH	C2	1	1	1
	JAA	JET ASIA AIRWAYS CO., LTD.	B767	C1	2	2	2
	NOK	NOK AIRLINES CO., LTD.	B737CL	C1	8	2	2
			B737NX	C1	4	2	1
	OEA	ORIENT THAI AIRLINE	B737CL	C1	3	2	2
			B744-10	C1	1	1	1
			B747CL	C1	8	2	2
			L101	C2	1	1	1
			MD80	C1	8	2	2
PCA	P.C. AIR COMPANY LIMITED	A310-GE	C1	1	1	1	
SUW	SUNNY AIRWAYS	B767	C1	1	1	1	
TFT	THAI FLYING SERVICE	LJ35-36	C2	1	1	1	

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
VT (Continued)	THA	THAI AIRWAYS INTERNATIONAL LTD.	A306	C1	20	2	2
			A310-PW	C1	0	0	0
			A320	C1	1	1	1
			A330	C1	23	2	2
			A345	C1	4	2	0
			A346	C1	6	2	0
			B737CL	C1	8	2	1
			B744-10	C1	15	2	0
			B744-5	C1	3	2	0
			B772	C1	14	2	0
	B773	C1	11	2	0		
	VAP	PHUKET AIR	B744-10	C1	2	2	2
			B744-5	C1	1	1	1
B747CL			C1	2	2	2	
VV (Viet Nam)	HVN	HANG KHONG VIETNAM	A320	C1	40	2	0
			A330	C1	10	2	0
			B772	C1	10	2	0
			F70	C2	2	2	2
	MKG	AIR MAKONG	CRJ9	C1	4	2	2
	PIC	PACIFIC AIRLINES	A320	C1	2	2	2
			B737CL	C1	0	0	0
VJC	VIETJET AIR	A320	C1	3	2	2	
VY (Myanmar)	JAB	AIR BAGAN	F100	C1	2	2	0

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
WM (Malaysia)	AXM	AIR ASIA	A320	C1	61	2	2
	FFM	FIREFLY	B737CL	C1	2	2	2
			B737NX	C1	1	1	1
	IGA-WM	GENERAL AVIATION	B737CL	C1	1	1	1
	IGA-WM001	JET PREMIER ONE (M) SDN BHD	A320	C1	1	1	0
	IGA-WM002	DYMM TUNKU IBRAHIM ISMAIL IBNI SULTAN ISKANDAR	GLF4	C1	1	1	1
	IGA-WM003	HORNBILL SKYWAYS SDN. BHD.	CL605	C1	1	1	1
	IGA-WM004	MALAYSIAN JET SERVICES	GLF4	C1	1	1	1
	IGA-WM005	BERJAYA AIR SDN. BHD.	BD700	C2	1	1	0
	MAS	MALAYSIA AIRLINES	A330	C1	20	2	0
			B727	C1	0	0	0
			B737CL	C1	36	2	2
			B737NX	C1	21	2	2
			B744-10	C1	12	2	0
		B772	C1	0	0	0	
	TSE	TRANSMILE	B727	C1	4	2	0
	XAX	AIR ASIA X	A330	C1	9	2	1
A340			C1	2	2	0	

State	Operator Code	Operator Name	MMR Group	Cat #	Total # of approved airframes	Monitoring Burden	Remaining # of Monitoring
WS (Singapore)	JEC	JETT8 AIRLINES CARGO	B747CL	C1	1	1	1
	JSA	JETSTAR ASIA AIRWAYS PTE LTD.	A320	C1	16	2	2
	SCO	SCOOT PRIVATE LIMITED	B772	C1	2	2	2
	SIA	SINGAPORE AIRLINES LTD.	A330	C1	19	2	0
			A345	C1	5	2	0
			A380	C2	17	11	0
			B744-10	C1	1	1	0
			B772	C1	32	2	0
	B773	C1	28	2	0		
	SLK	SILKAIR (SINGAPORE) PTE LTD.	A320	C1	21	2	0
SQC	SINGAPORE AIRLINES CARGO	B744-10	C1	13	2	0	
TGW	TIGER AIRWAYS	A320	C1	21	2	1	
ZM (Mongolia)	EZA	EZNIS AIRWAYS	AVRO	C1	2	2	2
			B737NX	C1	1	1	1
	MGL	MIAT MONGOLIAN AIRLINES	B737NX	C1	2	2	0
			B767	C1	2	2	0
MML	MONGOLIAN AIRLINES GROUP	A320	C1	2	2	2	
Grand Total					1787	505	226