



*International Civil Aviation Organization*

**The Nineteenth Meeting of the Regional Airspace Safety Monitoring  
Advisory Group (RASMAG/19)**

Pattaya, Thailand, 27-30 May 2014

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

**JASMA LTHM BURDEN ESTIMATE UPDATE**

(Presented by Japan)

**SUMMARY**

This paper presents the current monitoring burden for aircraft registered and operated by Japan to meet Annex 6 requirements as of April 2014.

**1. INTRODUCTION**

1.1 As agreed at the RASMAG/16 meeting, each RMA shall develop monitoring burden tables using the format presented in RASMAG/16/WP17. JASMA presents the current update to that data.

**2. DISCUSSION**

2.1 The data is based on a review of the current RVSM approvals data for JASMA is responsible for taking into account completed successful monitoring activity.

2.2 A review of the most recent RVSM approvals databases maintained by the JASMA determined that the total number of RVSM approved airframes was 699 as of 25 April 5, 2014.

2.3 Applying the minimum monitoring requirements (MMR) to the total of approved aircraft results in a total monitoring burden to be achieved of 127 airframes. Taking into account the aircrafts already successfully monitored, the current outstanding burden is 16 airframes (13%). JASMA reported at the last RASMAG/18 meeting that the total number of RVSM approved airframes was 654 and the total monitoring burden was 114. Taking into account the airframe already successfully monitored was 29 (25%). Compared with this the ratio of the remaining number of monitoring is improved 12%.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to note the information contained in this paper.

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**Appendix A: Estimated RVSM Monitoring Burden for Asia/Pacific Region as a result of  
Long Term Height Monitoring Requirements of Annex 6.  
JASMA Monitoring Burden (As of 25 April, 2014)**

Operator	Operator Name	Aircraft Monitoring Group	MMR Category (1,2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# airframes)	Total # of Aircraft Remaining To Be Monitored By 25/04/14
ADO	Hokkaido International Airlines	B737CL	1	4	2	2
		B737NX	1	5	2	2
		B767	1	4	2	0
AJX	Air Japan	B767	1	34	2	0
AKX	ANA WINGS	B737CL	1	17	2	0
		B737NX	1	36	2	0
ANA	ALL NIPPON AIRWAYS	A320	1	15	2	0
		B737NX	1	38	2	0
		B767	1	56	2	0
		B772	1	28	2	0
		B773	1	26	2	0
		B787	2	27	16	0
APJ	Peach Aviation	A320	1	12	2	0
FDA	FUJI DREAM AIRLINES	E170-190	1	8	2	0
IBX	IBEX Airlines	CARJ	1	4	2	0
		CRJ7	1	5	2	0
JAL	Japan Air Lines	B737NX	1	50	2	0
		B767	1	47	2	0
		B772	1	26	2	0
		B773	1	20	2	0
		B787	2	15	9	0
JEX	JAL Express	B737NX	1	50	2	0
JJP	Jetstar Japan	A320	1	18	2	0
JTA	Japan Transocean Air	B737CL	1	14	2	0
MIL	Military	B744-5	1	2	2	0
		B767	1	4	2	0
		GLF4	1	5	2	0
NCA	Nippon Cargo Airlines	B744-10	1	7	2	0
		B748	2	5	3	0
SFJ	Star Flyer	A320	1	10	2	0
SKY	Skymark Airlines	A330	1	2	2	2
		B737NX	1	31	2	0
SNJ	Skynet Asia Airways	B737CL	1	4	2	0
		B737NX	1	9	2	0
VNL	Vanilla Air	A320	1	6	2	1
YAY	CIVIL AVIATION BUREAU	GLEX	1	2	2	0
		GLF4	1	2	2	0
	JAPAN COAST GUARD	GLF5	1	2	2	0
IGA	GRAPHIC	C525	1	1	1	1
IGA	IDEA Consultants	C560	1	1	1	1
IGA	Skymark Airlines	C510	2	1	1	0
IGA	Tanabe Norimitsu	C510	2	1	1	1
IGA	Noevir Aviation	BE30	2	1	1	0
IGA	Alpen	C25A	2	1	1	0
IGA	Mainichi Shinbunsha	C25A	2	1	1	0
IGA	Okayama Air Service	C25A	2	1	1	0
IGA	Auto Panther	C25A	2	2	2	1
IGA	Kohnan Shoji	C525	1	1	1	0
IGA	L'ange Cosmetique	C525	1	1	1	1

JASMA Monitoring Burden (As of 25 April 5, 2014)

Operator	Operator Name	Aircraft Monitoring Group	MMR Category (1,2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# airframes)	Total # of Aircraft Remaining To Be Monitored By 25/04/14
IGA	THE YOMIURI SHIMBUN	C525	1	1	1	1
		C560	1	1	1	0
IGA	Asahi Shinbunsha	C560	1	1	1	0
IGA	Chunichi Shinbunsha	LJ31	2	1	1	1
IGA	IDEA Consultants	C560	1	1	1	1
X	Mitsubishi Aircraft	BE40	2	1	1	0
X	Shizuoka Air Commuter	C25A	2	2	2	0
X	Aero Asahi	C560	1	1	1	0
		C680	1	1	1	0
X	Nakanihon Air Service	C560	1	2	2	1
X	Japan Aerospace Exploration Agency	C680	1	1	1	0
X	J-AIR	CARJ	1	9	2	0
		E170-190	1	15	2	0
				<b>699</b>	<b>127</b>	<b>16</b>
				<b>Total # Approved Airframes</b>	<b>Resultant Monitoring Burden (# airframes)</b>	<b>Total # of Aircraft Remaining</b>
				<b>699</b>	<b>127</b>	<b>16</b>