



International Civil Aviation Organization

The 18th Meeting of the Regional Airspace Safety Monitoring Advisory Group (RASMAG/18)

Bangkok, Thailand, 01 – 04 April 2013

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 February 2013.

This paper relates to –

Strategic Objectives:

A: *Safety – Enhance global civil aviation safety*

Global Plan Initiatives:

GPI-2 Reduced vertical separation minima

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 654 as of February 5, 2013 (**Appendix A**).

2.3 Applying the minimum monitoring requirements (MMR) to the total of approved aircraft results in a total monitoring burden to be achieved of 114 airframes. Taking into account the aircrafts already successfully monitored, the current outstanding burden is 29 (25%) airframes. JASMA reported at the last meeting that the total number of RVSM approved airframes was 523 and the total monitoring burden was 97. Taking into account the aircraft already successfully monitored was 35 (36%). Compared with this the ration of the remaining number of monitoring is improved 10%.

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 February 5, 2013)**

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 05/02/13
ADO	Hokkaido International Airlines	B737CL	1	6	2	2
		B737NX	1	2	2	2
		B767	1	4	2	1
AJX	Air Japan	B767	1	34	2	0
AKX	ANA WINGS	B737CL	1	16	2	0
		B737NX	1	35	2	0
ANA	ALL NIPPON AIRWAYS	A320	1	20	2	0
		B737NX	1	38	2	0
		B744-10	1	6	2	0
		B767	1	61	2	0
		B772	1	25	2	0
		B773	1	26	2	0
		B787	2	17	11	0
APJ	Peach Aviation	A320	1	7	2	0
FDA	FUJI DREAM AIRLINES	E170-190	1	6	2	0
IBX	IBEX Airlines	CARJ	1	4	2	2
		CRJ7	1	4	2	0
JAL	Japan Air Lines	B737NX	1	49	2	0
		B767	1	48	2	0
		B772	1	26	2	0
		B773	1	20	2	0
		B787	2	7	5	2
		MD90	1	4	2	0
JEX	JAL Express	B737NX	1	49	2	0
JJP	Jetstar Japan	A320	1	7	2	0
JTA	Japan Transocean Air	B737CL	1	18	2	0
MIL	Military	B744-5	1	2	2	0
		B767	1	4	2	0
NCA	Nippon Cargo Airlines	B744-5	1	8	2	0
		B748	2	2	2	2
SFJ	Star Flyer	A320	1	8	2	0
SKY	Skymark Airlines	B737NX	1	28	2	0
SNJ	Skynet Asia Airways	B737CL	1	7	2	0
		B737NX	1	5	2	0
WAJ	AirAsia Japan	A320	1	3	2	0
YAY	CIVIL AVIATION BUREAU	GLEK	1	2	2	0
		GLF4	1	2	2	1
YAY	JAPAN COAST GUARD	GLF5	1	2	2	1
IGA	Noevir Aviation	BE30	2	1	1	1
IGA	Alpen	C25A	2	1	1	0
IGA	Mainichi Shinbunsha	C25A	2	1	1	1
IGA	Okayama Air Service	C25A	2	1	1	1
		C560	1	1	1	1
IGA	Auto Panther	C25A	2	2	2	2
IGA	Royal	C25A	2	1	1	1
IGA	Kohnan Shoji	C525	1	1	1	1
IGA	L'ange Cosmetique	C525	1	1	1	1

JASMA Monitoring Burden (As of February 5, 2013)

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 05/02/13
IGA	THE YOMIURI SHIMBUN	C525	1	1	1	1
		C560	1	1	1	1
IGA	Asahi Shinbunsha	C560	1	1	1	1
IGA	Chunichi Shinbunsha	LJ31	2	1	1	1
X	Mitsubishi Heavy Industries	BE40	2	1	1	0
X	Shizuoka Air Commuter	C25A	2	2	2	2
X	Aero Asahi	C560	1	1	1	0
		C680	1	1	1	0
X	Nakanihon Air Service	C560	1	1	1	0
X	IDEA Consultants	C560	1	1	1	1
X	Japan Aerospace Exploration Agency	C680	1	1	1	0
X	J-AIR	CARJ	1	9	2	0
		E170-190	1	11	2	0
				654	114	29
JASMA GRAND TOTAL				Total # Approved Airframes	Resultant Monitoring Burden (# airframes)	Total # of Aircraft Remaining To Be Monitored By 05/02/13
				654	114	29