



ICAO

International Civil Aviation Organization
**Twenty-Fifth Meeting of the Regional Airspace Safety
Monitoring Advisory Group (RASMAG/25)**
Video Teleconference, 27 – 30 October 2020

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

JASMA LTHM BURDEN ESTIMATE UPDATE

(Presented by JASMA)

SUMMARY

This paper presents the current monitoring burden for aircraft registered and operated by Japan to meet Annex 6 Long Term Height Monitoring (LTHM) requirements as of May 2020.

1. INTRODUCTION

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. **Attachment A** provides the JASMA monitoring burden table.

2. DISCUSSION

2.1 This paper provides the number of the monitoring burden and the remaining monitoring burden, based on the current RVSM approvals data under JASMA's responsibility and the RMAs monitoring results uploaded to the KSN website.

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 886 as of 31 May 2020.

2.3 Applying the minimum monitoring requirements (MMR) to the total of approved aircraft results in a total monitoring burden to be achieved of 151 airframes. Taking into account the aircraft monitored within the past two years and the aircraft has not reached 1,000 hours but not monitored within the past two years, the outstanding burden is 9 airframes (6%) as of 31 May 2020.

2.4 Most of the remaining aircraft are operated by small operators, Japan Coast Guard (JCG), and Japan Self-Defense forces (JSDF). Although JASMA surveyed of flight hours to these operators because the operators' aircraft may have flight hours that have not reached 1,000 hours within 2 years, a few operators cooperated with the survey.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.

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**Attachment 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 31 May 2020)**

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 31/05/2020
ADO	Airdo	B737NX	1	8	2	0
		B767	1	6	2	0
AJX	Air Japan	B767	1	32	2	0
		B787	1	58	2	0
		B78X	2	2	2	2
AKX	ANA WINGS	B737CL	1	3	2	0
		B737NX	1	47	2	0
ANA	ALL NIPPON AIRWAYS	A20N	2	22	14	0
		A320	1	12	2	0
		A380	1	2	2	0
		B737NX	1	49	2	0
		B767	1	41	2	0
		B772	1	29	2	0
		B773	1	35	2	0
		B787	1	71	2	0
B78X	2	2	2	0		
APJ	Peach Aviation	A320	1	36	2	0
FDA	FUJI DREAM AIRLINES	E170-190	1	16	2	0
IBX	IBEX Airlines	CRJ7	1	10	2	0
JAL	Japan Air Lines	A350	2	5	3	0
		B737NX	1	49	2	0
		B767	1	37	2	0
		B772	1	22	2	0
		B773	1	17	2	0
		B787	1	46	2	0
JAR	J-AIR	E170-190	1	32	2	0
JJP	Jetstar Japan	A320	1	25	2	0
JTA	Japan Transocean Air	B737NX	1	13	2	0
MIL	Military (Japan Self-Defence Forces)	B744-5	1	2	2	0
		B767	1	4	2	0
		B773	1	2	2	0
		GLF4	1	5	2	2
		P1	2	18	11	0
		NON-GROUP	3	9	9	1
NCA	Nippon Cargo Airlines	B748	1	8	2	0
SFJ	Star Flyer	A320	1	13	2	0
SJO	Spring Airlines Japan	B737NX	1	6	2	0
SKY	Skymark Airlines	B737NX	1	29	2	0
SNJ	Skynet Asia Airways	B737NX	1	14	2	0
TZP	ZIPAIR Tokyo	B787	1	2	2	0
WAJ	AirAsia Japan	A320	1	3	2	0

IGA	Aero Asahi	C680	1	2	2	0
		HDJT	2	1	1	0
IGA	Asahi Shinbunsha	C560	1	1	1	0
IGA	Auto Panther	C25A	1	1	1	0
		C525	1	1	1	0
IGA	CIVIL AVIATION BUREAU	C25C	2	5	3	0
IGA	Diamond Airservice	GLF4	1	1	1	1
IGA	GRAPHIC	C525	1	1	1	0
IGA	JAPAN COAST GUARD	F2TH	2	4	3	1
		GLF5	1	2	2	0
IGA	JAXA	C680	1	1	1	0
IGA	JOHOKU CO.,LTD.	C525	1	1	1	0
IGA	Kohnan Shoji	C25A	1	1	1	0
		C525	1	1	1	1
IGA	L'ange Cosmetique	C680	1	1	1	0
IGA	Mainichi Shinbunsha	C25A	1	1	1	0
IGA	Mitsubishi Aircraft	BE40	1	1	1	0
IGA	Mitsubishi Heavy Industries	BE40	1	1	1	0
IGA	Nakanihon Air Service	C560	1	2	2	0
IGA	NISHIMURA HIROYUKI	C510	1	1	1	0
IGA	Noevir Aviation	BE30	2	1	1	0
		C680	1	1	1	0
IGA	Okayama Air Service	C25A	1	1	1	1
		C510	1	1	1	0
		C525	1	1	1	0
		C560	1	1	1	0
		HDJT	2	3	2	0
IGA	Open Sky	HDJT	2	1	1	0
IGA	Shizuoka Air Commuter	C25A	1	2	2	0
		F2TH	2	1	1	0
IGA	THE YOMIURI SHIMBUN	C560	1	1	1	0
				886	151	9
				Total # Approved Airframes	Resultant Monitoring Burden (# airframes)	Total # of Aircraft Remaining
				886	151	9