



ICAO

International Civil Aviation Organization

**Thirtieth Meeting of the Regional Airspace Safety Monitoring
Advisory Group (RASMAG/30)**

Bangkok, Thailand, 14 – 17 July 2025

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 Japanese operators to meet Annex 6 Long Term Height Monitoring (LTHM) requirements as of May 2025.

1. INTRODUCTION

1.1 As agreed at the Sixteenth Meeting of the Regional Airspace Safety Monitoring Advisory Group (RASMAG/16), each RMA shall develop monitoring burden tables using the format presented in RASMAG/16/WP17. The Japan Airspace Safety Monitoring Agency (JASMA) presents the current update to that data. The Attachment A provides the JASMA monitoring burden table.

2. DISCUSSION

2.1 There was a total of 842 airframes that were approved for the Reduced Vertical Separation Minima (RVSM) on the RVSM approvals database maintained by the JASMA as of 31 May 2025.

2.2 Applying the Minimum Monitoring Requirements (MMR) to the total of RVSM approved aircraft results in a total monitoring burden to be achieved of 164 airframes. Taking into account aircraft which was approved RVSM for the first time or were conducting height monitoring within the past two years, the outstanding burden is 15 airframes (1.8%) as of 31 May 2025.

2.3 The remaining aircraft to be monitored are operated by small aircraft operators or State. JASMA supposes that the flight hours of these operators' aircraft might not have reached 1,000 hours within the recent two years.

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 2025)**

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 31/05/2025
ADO	Airdo	B737NX	1	8	2	0
		B767	1	4	2	0
AJX	Air Japan	B787	1	74	2	0
		B78X	1	3	2	0
AKX	ANA WINGS	B737NX	1	39	2	0
ANA	ALL NIPPON AIRWAYS	A20N	1	33	2	0
		A320	1	4	2	0
		A380	1	3	2	0
		B737NX	1	39	2	0
		B767	1	22	2	0
		B772	1	12	2	0
		B773	1	18	2	0
		B787	1	80	2	0
APJ	Peach Aviation	B78X	1	8	2	0
		A20N	1	20	2	0
FDA	FUJI DREAM AIRLINES	A320	1	15	2	0
		E170-190	1	16	2	0
IBX	IBEX Airlines	E170-190	1	10	2	0
JAL	Japan Air Lines	CRJ7	1	23	2	0
		A350	1	43	2	0
		B737NX	1	33	2	0
		B767	1	12	2	0
		B773	1	45	2	0
JAR	J-AIR	B787	1	32	2	0
JJP	Jetstar Japan	E170-190	1	3	2	0
		A20N	1	19	2	0
JTA	Japan Transocean Air	A320	1	14	2	0
MIL	Military (Japan Self-Defence Forces)	B737NX	1	4	2	0
		B767	1	2	2	0
		B773	1	3	2	0
		C680	1	5	2	1
		GLF4	2	17	11	0
		KC2	2	34	21	4
NCA	Nippon Cargo Airlines	P1	1	8	2	0
SFJ	Star Flyer	B748	1	2	2	0
		A20N	1	13	2	0
SJO	Spring Airlines Japan	A320	1	3	2	0
		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	8	2	0

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 31/05/2025
IGA	Aero Asahi	C680	1	2	2	0
IGA	Asahi Shinbunsha	C560	1	1	1	0
IGA	CIVIL AVIATION BUREAU	C25C	1	5	2	0
		C700	2	1	1	0
IGA	Diamond Airservice	GLF4	1	1	1	0
IGA	Electronic Navigation Research Institute	BE30	2	1	1	0
IGA	FUJI BUSINESS JET CO., LTD.	C25C	1	1	1	0
IGA	GRAPHIC	C680	1	1	1	1
IGA	Honda Airways	HDJT	2	1	1	0
IGA	JAPAN COAST GUARD	F2TH	1	6	2	0
		GLF5	1	3	2	0
IGA	JAXA	C680	1	1	1	1
IGA	KACHI64	HDJT	2	1	1	0
IGA	Kawasaki Heavy Industries, Ltd.	C525	1	1	1	0
IGA	Kohnan Shoji	C25A	1	1	1	0
		C525	1	1	1	1
IGA	MicroJet Inc	C510	1	1	1	0
IGA	Nakanhon Air Service	C560	1	2	2	0
IGA	Noevir Aviation	BE30	2	1	1	1
		C680	1	1	1	0
IGA	Okayama Air Service	C25A	1	1	1	0
		C25C	1	1	1	0
		C525	1	2	2	0
		C680	1	1	1	1
		HDJT	2	2	2	0
IGA	Only You Air	HDJT	2	1	1	0
IGA	Pioneer Ace Airlines	HDJT	2	1	1	0
IGA	Private Sky	C25A	1	1	1	0
IGA	PV	C25C	1	1	1	0
IGA	PV	C510	1	1	1	0
IGA	PV	HDJT	2	1	1	1
IGA	PV	HDJT	2	1	1	0
IGA	PV	HDJT	2	1	1	0
IGA	PV	HDJT	2	1	1	1
IGA	PV	HDJT	2	1	1	0
IGA	PV	HDJT	2	1	1	1
IGA	PV	HDJT	2	1	1	1
IGA	PV	TBM	1	1	1	0
IGA	SBC Medical Group	C25C	1	1	1	0
		HDJT	2	2	2	2
IGA	Shizuoka Air Commuter	C25A	1	2	2	0
		F2TH	1	1	1	0
IGA	Space Aviation	C525	1	1	1	0
IGA	Takagi Co., Ltd.	HDJT	2	1	1	0
IGA	The Mainichi Newspapers Co.,Ltd	C25A	1	1	1	0
IGA	THE YOMIURI SHIMBUN	C560	1	1	1	0
				842	164	15
				Total # Approved Airframes	Resultant Monitoring Burden (# airframes)	Total # of Aircraft Remaining
				842	164	15

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