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**Twenty-Eighth Meeting of the Regional Airspace Safety  
Monitoring Advisory Group (RASMAG/28)**

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

**JASMA ASSESSMENT OF NON –RVSM APPROVED AIRCRAFT**

(Presented by JASMA)

**SUMMARY**

This paper presents a list of operator-aircraft combinations operating within the RVSM airspace of Fukuoka Flight Information Region (FIR) with no registration of RVSM approval in the Regional Monitoring Agencies' (RMAs) approval databases as of July 2023.

**1. INTRODUCTION**

1.1 The Japan Airspace Monitoring Agency (JASMA) has been continuing studies of RVSM non-approved flights operating in the RVSM airspace of the Fukuoka Flight Information Region (FIR).

**2. DISCUSSION**

2.1 The flight plan information utilized for the monthly examination was the actual record of the flight plans for the month extracted from the Flight Object Administration Center System (FACE) of the Japan Civil Aviation Bureau (JCAB). JASMA compared flight plans of RVSM flights with the Regional Monitoring Agencies' (RMAs) approval databases every month.

2.2 **Table 1** shows the aircraft which were flying in the RVSM airspace of Fukuoka FIR with “W” on their flight plans for the period from January 2022 to June 2022, but the aircraft’s RVSM approval were not registered in the approval databases as of 10<sup>th</sup> next month.

Reg No	Operator	Aircraft Type	Operator name	Country	RMA	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
VH8MJ	VHS	GLFX	PV	Australia	AAMA		*			*	
VH8VL	VHA	LJ60	PV	Australia	AAMA		*				
PKYGI	TMG	B733	Asia Cargo Airlines	Indonesia	AAMA						*
VPCEN	VPC	GA6C	PV	Cayman Islands (United Kingdom)	CARSAM						*
VPCAE	TBJ	GLF5	PV	Cayman Islands (United Kingdom)	CARSAM		*	*	*	*	*
VPCTM	VPC	GL7T	PV	Cayman Islands (United Kingdom)	CARSAM					*	*
VPCBN	VPC	GLF5	PV	Cayman Islands (United Kingdom)	CARSAM					*	*
B8136	B81	GLF5	PV	China	CHINA	*		*			
B222S	CAO	B77L	Air China Cargo	China	CHINA		*	*			
B222Y	CTJ	B738	Tianjin Air Cargo	China	CHINA				*		
B32EC	DKH	A21N	Juneyao Airlines	China	CHINA					*	*
OEIDS	OEI	A320	PV	Austria	EURO				*		
OEISQ	OEI	A320	PV	Austria	EURO			*			
TCLLS	THY	B789	Turkish Airlines	Turkey	EURO						*
TCLLU	THY	B789	Turkish Airlines	Turkey	EURO	*					
XU727	SWM	A320	Sky Angkor Airlines	Cambodia	MAAR						*
B17811	EVA	B78X	EVA Air	China (Taiwan)	MAAR				*		*
BLHG	CRK	A333	Hong Kong Airlines	China (Hong Kong)	MAAR						*
VTAE	AIC	B77L	Air India	India	MAAR					*	
VTAEF	AIC	B77L	Air India	India	MAAR	*	*				
VTAEG	AIC	B77L	Air India	India	MAAR	*	*				
9MLRU	MXD	B38M	Malindo Airways	Malaysia	MAAR	*	*				
9MXPB	XAX	A333	AirAsia X	Malaysia	MAAR	*	*				
9MXBG	XAX	A333	AirAsia X	Malaysia	MAAR	*	*	*	*		
9MXXJ	XAX	A333	AirAsia X	Malaysia	MAAR	*	*				
RPC4160	CEB	A320	Cebu Pacific Air	Philippines	MAAR						*
9V5CT	SIA	B78X	Singapore Airlines	Singapore	MAAR						*
VNA526	VJC	A21N	VietJet Air	Vietnam	MAAR	*					
VNA527	VJC	A21N	VietJet Air	Vietnam	MAAR					*	
VNA528	VJC	A21N	VietJet Air	Vietnam	MAAR					*	
VNA529	VJC	A21N	VietJet Air	Vietnam	MAAR					*	
VNA698	VJC	A321	VietJet Air	Vietnam	MAAR	*					
VNA810	VJC	A333	VietJet Air	Vietnam	MAAR	*					
VNA812	VJC	A333	VietJet Air	Vietnam	MAAR	*					
VNA814	VJC	A333	VietJet Air	Vietnam	MAAR	*	*	*	*		
VNA815	VJC	A333	VietJet Air	Vietnam	MAAR			*	*		
CGBSW	CGB	ASTR	PV	Canada	NAARMO	*	*	*			
CGUBO	TSC	A333	Air Transat	Canada	NAARMO			*			
N782AM	AMX	B788	Aeromexico	Mexico	NAARMO				*	*	*
N783AM	AMX	B788	Aeromexico	Mexico	NAARMO				*	*	*
N964AM	AMX	B788	Aeromexico	Mexico	NAARMO				*	*	*
N965AM	AMX	B788	Aeromexico	Mexico	NAARMO			*	*	*	*
N966AM	AMX	B788	Aeromexico	Mexico	NAARMO				*	*	*
N967AM	AMX	B788	Aeromexico	Mexico	NAARMO				*	*	*
XAAYL	XAA	GLFX	PV	Mexico	NAARMO				*		
XAOVG	XAO	GLP4	PV	Mexico	NAARMO			*			
N415DX	DAL	A339	Delta Air Lines	United States	NAARMO	*					
N420DX	DAL	A339	Delta Air Lines	United States	NAARMO	*					
N422DZ	DAL	A339	Delta Air Lines	United States	NAARMO					*	*
N568DZ	DAL	A359	Delta Air Lines	United States	NAARMO					*	
N570DZ	DAL	A359	Delta Air Lines	United States	NAARMO		*			*	
N571DZ	DAL	A359	Delta Air Lines	United States	NAARMO	*			*		
N572DZ	DAL	A359	Delta Air Lines	United States	NAARMO	*					
N328K	EJM	GA6C	EXECUTIVE JET	United States	NAARMO				*		
N863GT	GTI	B748	Atlas Air	United States	NAARMO		*				
N601GD	JAS	GLP6	Jet Aviation Flight Services	United States	NAARMO		*				
N24ZD	N24	ASTR	PV	United States	NAARMO					*	
N272SF	N27	HDJT	PV	United States	NAARMO				*		
N309FL	N30	B737	PV	United States	NAARMO					*	
N377FL	N37	B737	PV	United States	NAARMO					*	
N3ED	N3E	GLP6	PV	United States	NAARMO				*		
N556AV	N55	GA6C	PV	United States	NAARMO			*			
N604PS	N60	CL60	PV	United States	NAARMO		*				
N618GD	N61	GLP6	PV	United States	NAARMO	*					
N6381	N63	B763	PV	United States	NAARMO		*				
N6383	N63	B763	PV	United States	NAARMO		*				
N6384	N63	B763	PV	United States	NAARMO				*		
N6386	N63	B763	PV	United States	NAARMO						*
N6387	N63	B763	PV	United States	NAARMO	*					
N6388	N63	B763	PV	United States	NAARMO					*	
N6389	N63	B763	PV	United States	NAARMO						*
N671FL	N67	B738	PV	United States	NAARMO			*			
N699GD	N69	GLP6	PV	United States	NAARMO						*
N704DK	N70	B772	PV	United States	NAARMO	*					
N708DN	N70	B772	PV	United States	NAARMO					*	
N702GD	N70	GA7C	PV	United States	NAARMO						*
N806HK	N80	GLFX	PV	United States	NAARMO	*	*	*	*	*	*
N8383A	N83	GLP6	PV	United States	NAARMO	*	*				
N870PS	N87	GLP6	PV	United States	NAARMO						*
N889LV	N88	GLP6	PV	United States	NAARMO			*			
N997X	N99	FATX	PV	United States	NAARMO					*	
N997X	N99	FATX	PV	United States	NAARMO						*
N663CA	NCR	B744	National Airlines	United States	NAARMO				*		
N644GT	PAC	B763	Polar Air Cargo Worldwide	United States	NAARMO	*					
N397UP	UPS	B763	United Parcel Service	United States	NAARMO			*			
VPPBS	VPR	GL5T	PV	Bermuda (United Kingdom)	NATCMA				*		
HL8510	AAR	A21N	Asiana Airlines	South Korea	PARMO	*	*				
HL8511	AAR	A21N	Asiana Airlines	South Korea	PARMO				*		
HL8389	APZ	B789	Air Premia	South Korea	PARMO					*	*
HL8516	APZ	B789	Air Premia	South Korea	PARMO				*	*	*
HL8386	EOK	A320	Aero K	South Korea	PARMO						*
HL8540	EOK	A320	Aero K	South Korea	PARMO						*
HL8541	ESR	B38M	Eastar Jet	South Korea	PARMO						*
HL8518	FGW	B738	Fly Gangwon	South Korea	PARMO	*	*	*			
HL8506	KAL	A21N	Korean Air	South Korea	PARMO		*	*	*		
HL8509	KAL	A21N	Korean Air	South Korea	PARMO			*	*		
HL8529	KAL	A21N	Korean Air	South Korea	PARMO			*	*		*
HL8348	KAL	B38M	Korean Air	South Korea	PARMO		*	*	*	*	*
HL8514	TWB	B38M	T'Way Air	South Korea	PARMO	*					

Table 1: RVSM flights with no registration in RMAs' approval database

2.3 It was confirmed that there were aircraft conducting RVSM flights over three months without registration of RVSM approval on the RMAs' approval databases. Although it might be needed a lot of human resources and effort, flight plan checks and informing the aircraft identified as non-RVSM aircraft to the designated RMAs on a monthly basis would be ideal. JASMA would like to express our appreciation for all RMAs updating their RVSM approval database and supporting us patiently.

**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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