



*International Civil Aviation Organization*

ICAO

**Twenty-Sixth Meeting of the Regional Airspace Safety  
Monitoring Advisory Group (RASMAG/26)**

Video Teleconference, 20 – 23 September 2021

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

**JASMA ASSESSMENT OF NON-PBCS APPROVED AIRCRAFT**

(Presented by JASMA)

**SUMMARY**

This paper presents a list of operator-aircraft combinations operating within the Pacific Ocean airspace of Fukuoka Flight Information Region (FIR) with no registration of PBCS (Performance-based Communication and Surveillance) approval in the KSN approval databases as of June 2021.

**1. INTRODUCTION**

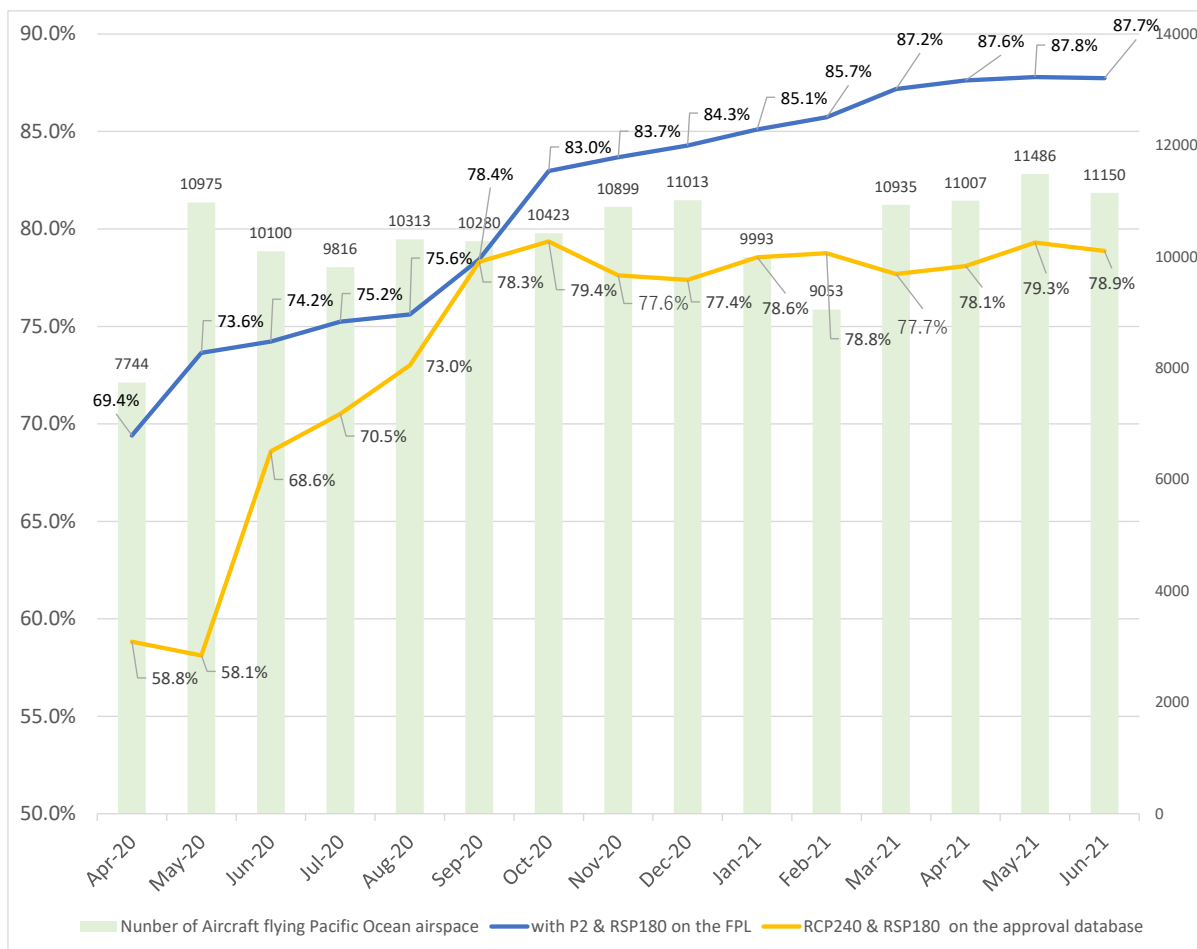
1.1 The Japan Airspace Safety Monitoring Agency (JASMA) provides the Regional Monitoring Agency (RMA) and the En-route Monitoring Agency (EMA) responsibilities for the Pacific Ocean airspace of Fukuoka FIR.

1.2 JASMA obtains authorizations regarding Required Communication Performance (RCP) 240 and Required Surveillance Performance (RSP) 180 of Japanese aircraft operators from the State Authority. Besides, JASMA has included information on the authorizations of RCP240 and RSP180 in the global RMA's latest approval databases uploaded to the Knowledge Services Network (KSN) website every month since September 2019.

**2. DISCUSSION**

2.1 The flight plan information utilized for the monthly examination was the actual record of flight plans for the months extracted from the Flight Object Administration Center System (FACE) of the Japan Civil Aviation Bureau (JCAB). The JASMA compared flight plans of Pacific Ocean flights with the global RMA's latest approval databases uploaded to the KSN website every month.

2.2 **Figure 1** represents the number of all aircraft which were flying in the Pacific Ocean airspace of Fukuoka FIR, the percent of aircraft with "P2" and "RSP180" in their flight plans, and the percent of the aircraft which were confirmed PBCS approval in the approval databases for the period from April 2020 to June 2021.



2.3 The percent of aircraft with “P2” and “RSP180” in their flight plans had been over 70 percent in the first half of 2020 and over 80 percent after the second half of 2020. Although the percent of the aircraft with “P2” and “RSP180” had increased for the period, the percent of the PBCS approval confirmed aircraft had maintained below 80 percent of all aircraft flying in the Pacific Ocean airspace of Fukuoka FIR.

2.4 **Table 1** represents the registration of aircraft conducted PBCS flights with “P2” and “RSP180” in their flight plans while no registration in the RMA’s approval databases per aircraft operator in June 2021.

Operator name	Registration												Total
ACA	CFGDT	CFGDX	CFGDZ	CFGEI	CFGEO	CFGFZ	CFGHZ	CFITW	CFIUW	CFIVM	CFIVQ	CFIVR	46
	CFIVS	CFIVW	CFIVX	CFJZS	CFKAU	CFKSV	CFNNQ	CFNNU	CFNNW	CFNOE	CFNOH	CFRAM	
	CFRSA	CFRSE	CFRSI	CFRSR	CFRTG	CFRTU	CFRTW	CFSBV	CFVLQ	CFVLU	CFVLX	CFVLZ	
	CFVNB	CFVND	CFVNF	CGHKX	CGHPQ	CGHPU	CGHPV	CGHPY	CGHQQ	CGHQY			
AHO	DARIE											1	
ATN	N255CM											1	
CES	B1112	B1113	B2001	B2002	B2003	B2005	B2020	B2021	B2022	B2023	B2025	B208X	44
	B20AJ	B304D	B304N	B305X	B306Y	B308E	B30CW	B30FM	B5902	B5926	B5931	B5936	
	B5937	B5938	B5943	B5961	B5968	B5973	B6537	B6538	B6543	B6545	B6546	B7343	
	B7347	B7349	B7365	B7367	B7368	B7369	B7868	B7881					
CHH	B1020	B1021	B1022	B1048	B1097	B1133	B1138	B1343	B1546	B207J	B207U	B7667	13
	B7837												
CKS	N776CK												1
CLX	LXUCV												1
CSN	B1128	B1167	B1168	B1169	B1242	B1243	B1293	B1297	B209D	B209E	B209X	B20AA	20
	B20C6	B20D7	B20E8	B20EH	B6136	B6137	B6138	B6139					
DAL	N410DZ	N411DX											2
DCM	N90JE												1
FDX	N123FE	N840FD	N842FD	N843FD	N844FD	N850FD	N851FD	N852FD	N853FD	N854FD	N855FD	N856FD	35
	N857FD	N858FD	N859FD	N861FD	N862FD	N863FD	N864FD	N867FD	N868FD	N869FD	N880FD	N882FD	
	N883FD	N884FD	N885FD	N886FD	N887FD	N889FD	N890FD	N892FD	N895FD	N914FD	N948FD		
HVN	VNA868												1
KAL	HL7701												1
PAL	RPC9933												1
QFA	VHZNA	VHZNB	VHZNG	VHZNH									4
QQE	A7CGG												1
QTR	A7BFD	A7BFG	A7BFJ	A7BFK	A7BFR	A7BFS	A7BFU	A7BFV	A7BFW				9
SIA	9VSHT	9VSHU											2
UAL	N19986	N28987	N34282	N37018	N37281	N73278	N74007	N76010	N76021	N77022	N78004	N79279	12
UPS	N627UP												1
VTJ	9HVIB	9HVJD											2
Others	B99988	N441BA	N555MZ	VPCSY									4

**Table 1: PBCS flights with no registration in RMA’s approval database as of 10 July 2021**

2.5 If the authorizations of RCP240 and RSP180 of the listed aircraft are registered in the global RMA’s approval databases, the rate of aircraft confirmed the PBCS authorizations would increase.

2.6 The JASMA would like to express our appreciation for States providing the authorizations of RCP240 and RSP180 to RMAs, and for RMAs updating the KSN database.

**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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