



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 ASSESSMENT OF NON-PBCS APPROVED AIRCRAFT

(Presented by JASMA)

SUMMARY

This paper presents the trend of the numbers and percentages for the Performance-Based Communications and Surveillance (PBCS)-filed flights and PBCS-approved flights which were flying in the Pacific Ocean airspace of Fukuoka Flight Information Region (FIR) as of May 2025. The list of operator-aircraft combinations identified as non-PBCS-approved flight in June 2025 is also provided.

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 Flight Information Region (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 on the RMA's approval databases every month since September 2019.

2. DISCUSSION

2.1 JASMA compared flight plans flying in the Pacific Ocean airspace of Fukuoka FIR with the latest RMA's approval database which include Reduced Vertical Separation Minimum (RVSM) and Performance-Based Communications and Surveillance (PBCS) approval status uploaded to the ICAO Secure Portal website every month.

2.2 The Flight plan information utilized for the monthly examination is 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).

2.3 **Figure 1** represents the number of all flights in the Pacific Ocean airspace of Fukuoka FIR, the percentage of flights with "P2" and "RSP180" in their flight plans (hereinafter called "PBCS-filed flights"), and the percentage of the flights which were confirmed as PBCS approved aircraft in the approval databases (hereinafter called "PBCS-approved flights") for the period from January 2024 to May 2025.

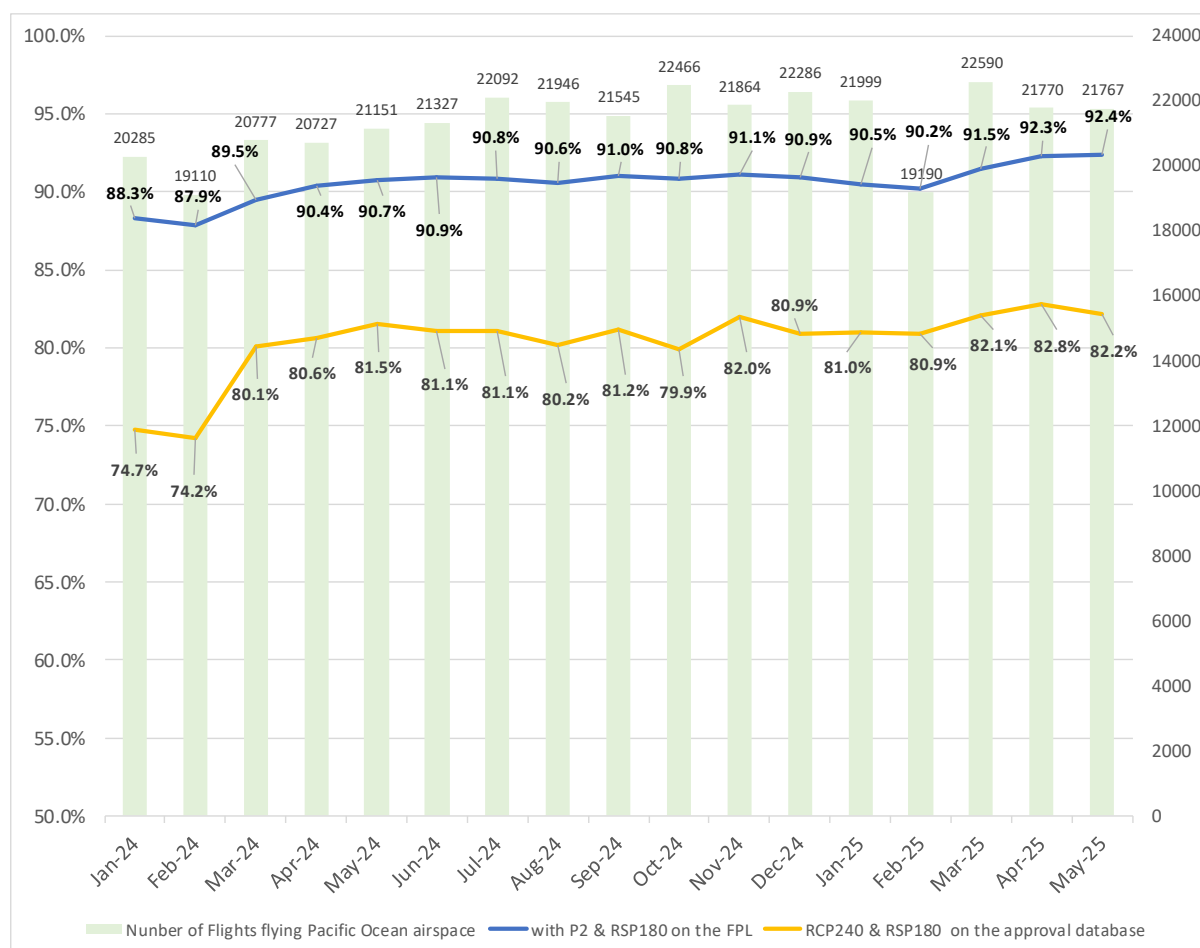


Figure 1: Percentage of PBCS-filed flights and PBCS-approved flights

2.4 The percentage of PBCS-filed flights varied between 87% and 89% from January 2024 to March 2024, after April, it slightly increased between 90% and 92%. On the other hand, the percentage of PBCS-approved flights was about 74% from January to February in 2024, after March it has increased about 80%.

2.5 It means that there were approximately 70 flights per day and 2,200 flights per month flying in the Pacific Ocean airspace of Fukuoka FIR in May 2025 that filed “P2” and “RSP180” in their flight plans but were not confirmed their PBCS approval / authorization in the approval databases.

2.6 **Table 1** represents the list of aircraft operators and their aircraft identified as non-PBCS flights in May 2025. Those aircraft were flying in the airspace with filing “P2” and “RSP180” in their flight plans, but their PBCS approval / authorization was not found in the approval databases as of 10 June 2025.

Table 1: Operators and aircraft identified as non-PBCS approved flight in June 2025

Operator	Registration										Total
AAR	HL7436										1
ACA	CFGDT	CFGDX	CFIVM	CFJZS	CFVNF	CFRSE	CFRTU	CFVLZ	CFRSO	CFGDZ	48
	CFGEO	CFSBV	CFRSR	CFIVQ	CFIVW	CFVLX	CFNOI	CFPQB	CFNOE	CFNOG	
	CFRSI	CFITW	CFIVX	CFVNB	CGHQY	CFRSA	CFRTG	CFNNU	CFNOH	CFGFZ	
	CFKAU	CFRAM	CFGHZ	CFIUR	CFVND	CFVLU	CFGEI	CFIUW	CFIVS	CFVLQ	
	CFNNW	CFRTW	CFIVR	CFIUL	CFIUV	CFKSV	CFNNQ	CFITU			
AFR	FGSPA	FGSPI									2
AIC	VTAEG	VTAEI	VTALO	VTAEH	VTAEI	VTAEF	VTALX	VTALK	VTALS	VTALH	17
	VTALM	VTALQ	VTALU	VTALT	VTALR	VTALN	VTALJ				
ANZ	ZKOKV										1
APZ	HL8516										1
BOX	DAALV										1
CES	B32DW	B32D0	B32A8	B32FP	B1113	B32FQ	B329E	B20CD			8
CHH	B1499	B1341	B1135								3
CPJ	VPCAH	VPCSY									2
DAL	N528DN	N434DX	N436DX	N435DX							4
DKH	B207N	B209R	B20D1	B208A	B1115	B20DT	B20EC	B20EQ			8
FDX	N899FD										1
FIN	OHLWT										1
GIA	PKGIG										1
GTI	N431GT	N712GT	N1619A	N664GT	N430GT	N642GT					6
HVN	VNA892	VNA897	VNA891	VNA874	VNA877	VNA898	VNA896				7
ICV	LXVCV	LXVCC	LXVCI	LXVCM	LXVCE	LXVCN	LXUCV	LXVCD	LXVCH	LXVCK	11
	LXVCL										
JJA	HL8553										1
JNA	HL7215	HL8353									2
JSA	9VJSO										1
JST	VHVKK	VHVKL	VHVKA	VHVKB	VHVKH	VHVKF	VHVKJ	VHVKI	VHVKG	VHVKE	11
	VHVKD										
KAL	HL8570	HL7601	HL7602	HL8390	HL8068	HL8508	HL8222	HL7605	HL7603		9
KYE	N904AR	N903AR									2
MAA	EIMAA	EIMYY									2
MAS	9MMTK	9MMAG	9MMTI	9MMTH	9MMTY	9MMTN	9MMTE	9MMAB	9MMAH	9MMTG	17
	9MMTA	9MMTO	9MMTJ	9MMTC	9MMAE	9MMTF	9MMTB				
PAL	RPC7784										1
QQE	A7CGU	A7CHA	A7CGJ	A7CGB	A7CHH						5
QTR	A7BFB	A7BFR	A7BFQ	A7BTA	A7BFZ	A7BFV					6
TBJ	VPEDA	VPCTY									2
THT	FOTOA										1
TWB	HL8560	HL8513	HL8502	HL8500	HL8501						5
UAE	A6EFX										
UAL	N39297	N33294	N78013	N217UA	N33262	N78009	N77261	N76021	N77296	N73291	59
	N782UA	N35260	N799UA	N69020	N226UA	N785UA	N78005	N78002	N33264	N229UA	
	N78001	N73270	N37018	N227UA	N224UA	N225UA	N57016	N223UA	N77022	N78004	
	N77006	N792UA	N204UA	N77014	N79011	N77012	N27015	N37293	N78003	N218UA	
	N78017	N791UA	N74007	N216UA	N77019	N228UA	N797UA	N76010	N796UA	N209UA	
	N794UA	N78008	N788UA	N793UA	N206UA	N783UA	N795UA	N786UA	N787UA		
	N366UP	N379UP									
UPS	N366UP	N379UP									2
VJT	9HVONE	9HVIO	9HVIN	9HVIE	9HVIH	9HVIK	9HVIG	9HVII	9HVISTA		9
WIN	XADUR										1
WJA	CGYRS	CGURP	CGUDO	CGUDH	CGKKN	CGMKS					6
XAX	9MXXQ										1

2.7 Some airlines still have not been verified their PBCS approved status, JASMA think it is ideal that the PBCS status on FPL and Database are not be discrepancy. JASMA will continue assess PBCS approval status by comparing PBCS-filed flights / PBCS-approved flights.

2.8 JASMA would like to express our appreciation for Staes / Administration providing the information of the authorizations of RCP240 and RSP180 to RMAs, and for RMAs updating the PBCS approval / authorization status on the RMAs' 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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