



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 3: Reports from Asia/Pacific RMAs and EMAs****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 March 2020.

**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 Service 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 Japan Civil Aviation Bureau (JCAB)'s Flight Data Processing System (FDPS). The JASMA compared approximately 17,000 plans of Pacific Ocean flights with the global RMA's latest approval databases uploaded to the KSN website every month.

2.2 Approximately 70 percent of aircraft were flying the Pacific Ocean airspace of Fukuoka FIR with "P2" on their flight plans of the day. Some RMAs have registered the authorizations of RCP240 and RSP180 to own approval databases and uploaded to the KSN website so that approximately 45 percent of the entire Pacific Ocean flights in Fukuoka FIR has been confirmed the authorizations in the RMAs' approval databases each month.

2.3 **Table 1** represents the number of aircraft conducted PBCS flights (hereinafter referred to as "PBCS aircraft") with "P2" in their flight plans while no registration in the RMA's approval databases (hereinafter referred to as "non-database-covered PBCS") per aircraft operator and type of aircraft in May 2020.

Operator name	A319	A321	A332	A333	A339	A343	A359	A388	B738	B744	B748	BLCF	B752	B763	B772	B773	B77L	B77W	B788	B789	B78X	MD11	A124	A225	Bizjet	Total
AAR		1								11																12
ACA																		2	14		22					38
ACI					2																					2
ADB																							5	1		6
AIC																	2									2
AMX																			7	9						16
ARG			3																							3
ATN														1												1
AVA																				5						5
AXY						1																				1
BOX																	10									10
CAL				3			14			18								10								45
CAO										2							8									10
CCA																					3					3
CEB					7																					7
CES			22				4											17		5						48
CHH		1	11																		11					23
CKK										1							6									7
CKS										23				2			3									28
CLU										1																1
CLX										7	10															17
CSC							3																			3
CSN								4									12	4	2	14						36
CXA																			6	6						12
CXB																	1									1
DAL				1																						1
EAU																									2	2
EDG																								1		1
ETH																			1							1
EVA																	5	33		3	4					45
FDX																	30									30
GIA				4																						4
GTI									5		4															9
HFM						3					3															3
ICV																										3
IGA									3				1		1									30		35
JJA									2																	2
KAL										3																3
LAN																					7					7
MAS				2																						2
OAE														5												5
PAC									6				2													8
PEG																									3	3
PRD																								1		1
QFA				10																						10
QQE																								1		1
QTR																	13									13
SIA									7							1										8
SND	1																									1
SOO																		9								9
THT																					1					1
UAE																			5							5
UAL	1																1			1			24			3
UPS													1													25
VJT																									7	7
WGN										1																1
WWI																									1	1
YZR										1																1
Total	2	1	26	37	3	4	21	4	5	86	13	4	2	10	1	1	101	84	21	82	4	24	5	1	46	588

\*Bizjet includes G280, GL5T, GLEX, GLF4, GLF5, GLF6, C560, F900, FA7X and LJ35.

**Table 1: RVSM flights with no registration in RMA’s approval database as of 25 August 2020**

2.4 If the authorizations of RCP240 and RSP180 of the remaining states are registered in the global RMA’s approval databases, the rate of PBCS aircraft that is confirmed the authorizations would increase.

2.5 On the other hand, the JASMA's current audit program to compare flight plans with the RMA's PBCS approval database checks only "P2", RCP240. So, this JASMA's activity is in an initial phase because the audit program is needed to improve to check not only "P2" in item10 of flight plans but also "RSP180" in item 18.

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

**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.