



International Civil Aviation Organization

**The Nineteenth Meeting of the Regional Airspace Safety Monitoring
Advisory Group (RASMAG/19)**

Pattaya, Thailand, 27-30 May 2014

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

JASMA ASSESSMENT OF NON-RVSM APPROVED AIRCRAFT

(Presented by Japan)

SUMMARY

This paper presents a list of operator-aircraft combinations operating within the RVSM airspace of Fukuoka FIR with no registration of RVSM approval in the KSN approval databases as of April 2014.

1. INTRODUCTION

1.1 The Asia/Pacific Regional Airspace Safety Monitoring Advisory Group (RASMAG) has asked that the RMAs continue work to identify those operators incorrectly flight planning as RVSM approved, JASMA (Japan Airspace Monitoring Agency) has continuing studies of RVSM non-approved flights operating in RVSM airspace of Fukuoka FIR.

1.2 Experience had shown that the primary systematic reason for failure to match operations and approvals was a delay in State notification of the approval status of some operators to the appropriate RMA. This paper provides the results of once-a-month comparison between RMAs' approval databases and actual flight plans operated within the RVSM airspace of Fukuoka FIR between August 2013 and April 2014.

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 JCAB (Japan Civil Aviation Bureau)'s Flight Data Processing System (FDPS). JASMA compared approximately 80,000 plans of RVSM flights with the global RMA's latest approval databases uploaded to the KSN website every month.

2.2 Approximately 3,000 flights were flying RVSM airspace of Fukuoka FIR with "W" on their flight plans a day but some of the flights were without the registration in the RMAs' RVSM approval databases each month.

2.3 Some operator-aircraft combinations were continuously detected as non-registered airframes. JASMA has identified 47 airframes which were flying RVSM airspace of Fukuoka FIR with "W" on their flight plans but without the registration in RMAs' RVSM approval databases as of April 2014. **Appendix A** shown table of airframes continuously conducted RVSM flights with no registration in RMAs' approval databases.

3. ACTION BY THE MEETING

3.1 The meeting is invited to note the results of the airspace safety oversight presented in this working paper.

.....

Appendix A: Airframes continuously conducted RVSM flights with no registration in RMAs’ approval databases for the last ten months

Shown in blue were once, shown in green were twice, shown in orange were three times and shown in pink were identified four times between August 2013 and April 2014 as shown in the table below.

| Reg No | Operator | Aircraft Type | Operator name | Country | RMA | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 | Jan-14 | Feb-14 | Mar-14 |
|---------|----------|---------------|---|-------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| P2PXE | ANG | B738 | Air Niugini | Papua New Guinea | AAMA | | | | | * | | * | * |
| B8291 | CBJ | GLF4 | Beijing Capital Airlines | China | CHINA | | | | | | | | * |
| B1946 | CCA | B738 | Air China | China | CHINA | | | | | | | | * |
| 6432 | CES | A319 | China Eastern Airlines | China | CHINA | | | | | | | | * |
| B5819 | CES | B737 | China Eastern Airlines | China | CHINA | | | | | | | | * |
| B1938 | CSZ | B738 | Shenzhen Airlines | China | CHINA | | | | | | | | * |
| B1930 | HBH | B738 | Hebei Airlines | China | CHINA | | | | | | | | * |
| B8301 | | GLF4 | PV/Shanghai Deer Jet | China | CHINA | | | | | | | | * |
| GSTBI | BAW | B77W | British Airways | United Kingdom | EUR | | | | | | | * | * |
| GSTBJ | BAW | B77W | British Airways | United Kingdom | EUR | | | | | | | | * |
| VPBOZ | KAR | B763 | Ilkar Airlines | Russia | EURASIA | | | | | * | * | * | * |
| RA73002 | SHU | B735 | SAT Airlines | Russia | EURASIA | | | | | | | | * |
| V8DLC | RBA | B788 | Royal Brunei Airlines | Brunei Darussalam | MAAR | | | | | | | | * |
| XU703 | SWM | MD83 | Skywings Asia Airlines | Cambodia | MAAR | | | | | * | * | * | * |
| XUZB | SWM | A320 | Skywings Asia Airlines | Cambodia | MAAR | | | | | | | | * |
| VTANB | AIC | B788 | Air India | India | MAAR | | | | | | | * | * |
| VTANE | AIC | B788 | Air India | India | MAAR | | | | | | * | * | * |
| VTANG | AIC | B788 | Air India | India | MAAR | | | | * | * | * | * | * |
| 9MXXO | XAX | A333 | AirAsia X | Malaysia | MAAR | | | | | | | * | * |
| RPC3276 | CEB | A320 | Cebu Pacific | Philippines | MAAR | | | | | | * | * | * |
| RPC3277 | CEB | A320 | Cebu Pacific | Philippines | MAAR | | | | | | | * | * |
| RPC3343 | CEB | A333 | Cebu Pacific | Philippines | MAAR | | | | | | | * | * |
| RPC8970 | EZD | A320 | Zest Airways Incorporated | Philippines | MAAR | | | | | | * | * | * |
| RPC8971 | EZD | A320 | Zest Airways Incorporated | Philippines | MAAR | | | | | | | * | * |
| RPC8986 | EZD | A320 | Zest Airways Incorporated | Philippines | MAAR | | | | | * | * | * | * |
| RPC8987 | EZD | A320 | Zest Airways Incorporated | Philippines | MAAR | * | | | | * | | * | * |
| RPC8997 | EZD | A320 | Zest Airways Incorporated | Philippines | MAAR | * | * | * | * | * | * | * | * |
| RPC7772 | PAL | B77W | Philippine Airlines | Philippines | MAAR | | | | * | * | * | * | * |
| VNA610 | HVN | A321 | Vietnam Airlines | Vietnam | MAAR | | | | | | | | * |
| CFNNU | ACA | B77W | Air Canada | Canada | NAARMO | | | | | | * | * | * |
| CFNNW | ACA | B77W | Air Canada | Canada | NAARMO | | | | | | | | * |
| CGEOU | ACA | B763 | Air Canada | Canada | NAARMO | | * | * | * | * | * | * | * |
| N965AM | AMX | B788 | Aeroméxico | Mexico | NAARMO | | | | | * | * | * | * |
| N867BK | | B350 | PV/Rangeflyers | United States | NAARMO | | | | | | | | * |
| 638039 | DOD | K35R | U.S. Air Force Air Mobility Operations Control Center | United States | NAARMO | | | | | | | | * |
| N393HA | HAL | A332 | Hawaiian Airlines | United States | NAARMO | * | * | * | * | * | * | * | * |
| N395HA | HAL | A332 | Hawaiian Airlines | United States | NAARMO | | | | | * | * | * | * |
| N396HA | HAL | A332 | Hawaiian Airlines | United States | NAARMO | | | | | | | * | * |
| N399HA | HAL | A332 | Hawaiian Airlines | United States | NAARMO | | | | | | | | * |
| 990004 | SAM | B752 | U.S. Air Force Air Mobility Operations Control Center | United States | NAARMO | | | | | | | | * |
| N927ME | SXA | B712 | Southern Cross Aviation | United States | NAARMO | | | | | | | | * |
| N302PU | UPS | B763 | United Parcel Service | United States | NAARMO | | | | | | | | * |
| HL8281 | AAR | A321 | Asiana Airlines | South Korea | PARMO | | | * | * | * | * | * | * |
| HL8291 | AIH | B734 | Air Incheon | South Korea | PARMO | | | | | | | | * |
| HL8295 | JJA | B738 | Jeju Air | South Korea | PARMO | | | | | | | * | * |
| HL7550 | KAL | A333 | Korean Air | South Korea | PARMO | | | | | | | | * |
| HL8294 | TWB | B738 | T'Way Airlines | South Korea | PARMO | | | * | * | | * | * | * |