



*International Civil Aviation Organization*

**The Third Meeting of the APANPIRG ATM Sub-Group  
(ATM /SG/3)**

Bangkok, Thailand, 03-07 August 2015

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**Agenda Item 4: ATM Systems (Modernization, Seamless ATM, CNS, ATFM)**

**PACIFIC MILITARY ALTITUDE RESERVATION FUNCTION (PACMARF)**

(Presented by United States of America)

**SUMMARY**

This paper presents information on the responsibilities and operations of the U.S Pacific Military Altitude Reservation Function.

**1. INTRODUCTION**

1.1 The U.S. DoD preferred method of moving large numbers of tactical aircraft through civil airspace is the use of moving altitude reservations (ALTRVs). Stationary ALTRVs encompass activities within a fixed volume of airspace and time and are used when Special-use airspace is not available or appropriate. In the Asia-Pacific region, the Pacific Military Altitude Reservation Function (PACMARF) is designated as the single manager for coordinating all U.S. military services ALTRVs. Similar altitude reservation functions exist in the US (FAA), Europe (USAF) and Canada.

**2. DISCUSSION**

2.1 PACMARF operates 24 hours a day/7 days a week and coordinates and solicits ALTRV approval from U.S. and Asia-Pacific Air Navigation Service Providers (ANSPs) for movement of U.S. military, other specified aircraft, special use operations and missile activities, under a defined altitude reservation concept. This concept, responsibilities and procedures are outlined in U.S. Pacific Command (USPACOM) instruction 0533.2 that applies to all U.S. military Asia-Pacific users.

2.2 PACMARF airspace specialists are responsible for gathering aircraft movement and airspace requirements from military service "Project Officers", coordinating approvals from ANSPs and monitoring ALTRV operations. Coordination procedures, timelines and change requests are outlined in International Memorandums of Understanding (MOUI) between ANSPs and PACMARF. These MOUIs are established with several Asia-Pacific ANSPs and are vital to assure safety of navigation for all aircraft operating in or near stationary or moving ALTRVs.

2.3 PACMARF contact information is: Email: [airspace@us.af.mil](mailto:airspace@us.af.mil), Comm: +1 808 448-1642/8/9; 24 hour contact: +1 808 227-7233.

**3. CONCLUSION**

3.1 The meeting is invited to note the information contained in this paper; and discuss any relevant matters as appropriate.

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