



**The Twenty-First Meeting of the Informal South Pacific ATS Coordinating Group
(ISPACG/21)**

Auckland, NZ, 5 March – 8 March, 2007

Agenda Item 5: Identify future work programs

ADS-C Oceanic In-Trail Climb or Descent Procedure

(Presented by the Federal Aviation Administration)

SUMMARY

The FAA and others are in the early stages of evaluating concepts for oceanic climb or descent procedures using existing ADS-C technology and equipment. The attached briefing describes the concept that FAA is developing. Others are also working on similar concepts.

1. Introduction

- 1.1 Concerns that ongoing efforts toward development of an oceanic in trail climb or descent procedure using ADS-B might take multiple years (due to needed equipment, standards and procedures development) prompted FAA to look more closely at previous suggestions to evaluate potential use of existing ADS-C technology for such an application in oceanic airspace. FAA began developing a concept of use for this potential oceanic in trail climb or descent procedure using ADS-C.
- 1.2 During an Oceanic Workgroup (OWG) meeting following the last ISPACG meeting, FAA provided information concerning an early concept for an oceanic in trail climb/descent procedures using ADS-C technology. Based on comments during and after that OWG meeting, FAA refined the concept and began initial determination of next steps. To show the work that FAA had begun and to determine if other similar/related efforts were in progress elsewhere, FAA then presented a revised concept during an Action Plan 22 (AP22) meeting in Glasgow, Scotland in September. At that time, Eurocontrol, other air navigation service providers, and industry representatives met to discuss in trail climb/descent procedures using ADS-C as well as other technologies such as ADS-B.
- 1.3 At the January 2007 OWG meeting, FAA updated the group outlining a schedule for a business plan to support the ADS-C application. FAA continues to keep both Atlantic and Pacific air traffic management working groups apprized of progress in this area. Attached please find a presentation describing FAA's current concept for an oceanic in trail climb or descent procedure using ADS-C and our plan for moving forward.

2. Recommendation

- 2.1 The group is invited to take note of the information presented in this paper and discuss any activities that may support this effort and/or other pertinent work that may be ongoing.