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**Ref.:** T 1/6.7: AP016/11 (CNS)

2 February 2011

**Subject:** ICAO Special Implementation Project  
Workshop on the development of national performance  
Framework for air navigation systems  
Nadi, Fiji Islands, 28 March to 1 April 2011

**Action required:** Advise by 7 March 2011 the names of  
participants

Sir/Madam,

I have the honour to inform you that ICAO will be holding a workshop on the development of national performance framework for air navigation systems under the programme of Special Implementation Project (SIP) established by the Assembly. The workshop, hosted by Civil Aviation Authority of the Fiji Islands (CAAFI), will be held from 28 March to 1 April 2011 at CAAFI Conference room, Nadi, Fiji Island. I hereby extend an invitation to your Administration to participate in this workshop.

The notion of performance based air navigation systems emanated from good industry practices that have emerged over many years. As the aviation industry evolved into a less regulated and more corporatized environment with greater accountabilities, the advantages of transitioning from systems based to performance based air navigation planning and implementation are apparent. To facilitate the realization of a performance based global ATM system, ICAO has made significant progress in the development of relevant guidance material. Furthermore, the APANPIRG/19 (1-5 September 2008) agreed (Conclusion 19/1 refers) to adopt a regional performance framework and identify regional performance objectives. APANPIRG/19 also invited (Conclusion 19/2 refers) States to adopt a national performance framework on the basis of ICAO guidance material and aligned with the regional performance objectives, the regional air navigation plan and the Global ATM Operational Concept. The performance framework should include identification of national performance objectives taking into consideration user expectations and completion of national performance framework forms for all air navigation areas.

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As a follow-up to these APANPIRG conclusions, a workshop was held in March 2009 for the States of the Asia/Pacific Region. However, as the States of Pacific Aviation Safety office (PASO) could not participate in this workshop due to budget constraints, it was considered essential to provide PASO member States a separate training by conducting a workshop within the PASO region. The States of PASO are Cook Islands, Kiribati, Niue, Nauru, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu (non-member State of ICAO) and Vanuatu. The States, which are also members of PASO, but not Parties to the PICASST are Australia, Fiji, and New Zealand. Also, in this connection, APANPIRG/20 (7-11 September 2009) adopted Conclusion 20/1 inviting ICAO to conduct additional Workshop(s)/Seminar(s) on performance frameworks to provide guidance to the States.

Consequently, the Secretary General, in January 2011, established a SIP consisting of a workshop for the States of PASO, and the Asia/Pacific Region, in order to provide requisite training in the development of performance framework for air navigation systems.

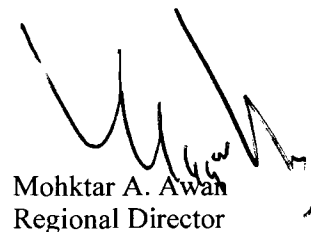
The objective of the workshop is to impart skills to understand the air navigation performance planning process, establishing national performance objectives, carrying out gap analysis, defining operational improvements and determining the relevant projects for implementation. The workshop would provide the participants with practical experience for the development of national performance framework forms through specially designed hands-on exercises. The outcome of this workshop would enable the States of PASO to adopt, develop and implement a national air navigation systems performance framework. The agenda of the workshop is available in Attachment hereto.

In order to conduct the hands-on exercises efficiently, meaningfully and within the time constraints of the workshop, you are requested to advise your participants to bring along with them a copy of the national air navigation plan and relevant air traffic forecast data to the workshop. The exercises would be most productive, if participants could bring a laptop along with them. In this regard, please note that the workshop will cover both safety and efficiency of air navigation systems. Consequently, I would encourage participation of experts from your State representing the fields of OPS/ATM/CNS/ MET/ AIM/ AGA as you consider appropriate.

The working language of the workshop will be English. The daily subsistence travel allowance in addition to other costs for participants are the responsibility of the nominating States. A workshop bulletin, which contains general information to assist participants, will be provided separately.

In order to proceed with the planning for the workshop, I would request you to advise me by 7 March 2011 the names and designation of those who will attend.

Accept, Sir/Madam, the assurances of my highest consideration.



Mohktar A. Awan  
Regional Director

**Attachment**



Attachment to  
State letter Ref. T 8/10.28:AP016/11 (CNS)  
dated 2 February 2011  
Agenda

**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

**ASIA/PACIFIC OFFICE**

**ICAO SPECIAL IMPLEMENTATION PROJECT (SIP)**

**WORKSHOP ON THE DEVELOPMENT OF  
NATIONAL PERFORMANCE FRAMEWORK FOR AIR NAVIGATION SYSTEMS**

**(NADI, FIJI, 28 MARCH-1 APRIL 2011)**

**AGENDA**

<b>AGENDA ITEM</b>	<b>TOPIC</b>	<b>SUBJECTS</b>
Agenda Item 1	Global Air Navigation System: Concept and Framework	<ul style="list-style-type: none"> <li>▪ Operational concept</li> <li>▪ Performance Framework</li> <li>▪ Asia/Pacific Regional Air Navigation Plan</li> </ul>
Agenda Item 2	Performance Framework for efficiency	<ul style="list-style-type: none"> <li>▪ System Elements – (ATM,AIM,MET,AGA and CNS)</li> <li>▪ Global Air Navigation Plan (GANP)</li> <li>▪ eAir Navigation Plan (eANP)</li> <li>▪ Performance Based Navigation (PBN)</li> <li>▪ Air Navigation Systems Planning mechanisms</li> <li>▪ New Flight Plan</li> <li>▪ FUA - Civil/Military Cooperation</li> <li>▪ Unmanned Aircraft Systems (UAS)</li> <li>▪ Economic assessment</li> <li>▪ Interoperability and Harmonisation</li> </ul>
Agenda Item 3	Performance Framework for safety	<ul style="list-style-type: none"> <li>▪ Global Aviation Safety Plan (GASP)</li> <li>▪ Aerodrome safety</li> <li>▪ Outcome and follow-up to of High Level Safety Conference</li> </ul>
Agenda Item 4	Hands-on exercise for the development of National Performance Framework for efficiency and safety	<ul style="list-style-type: none"> <li>▪ Transition approach</li> <li>▪ Performance Framework Forms (PFFs)</li> <li>▪ Participation in practicum for the development of National Performance Framework for efficiency and safety</li> <li>▪ Group discussions</li> <li>▪ Formulation of Recommendations</li> </ul>
Agenda Item 5	Future developments	<ul style="list-style-type: none"> <li>▪ Work programme of ICAO Panels and Study Groups</li> <li>▪ NextGen/SESAR</li> </ul>

**Reference Documents:**

1. Global Air Traffic Management Operational Concept (ICAO Document 9854);
2. Global Air Navigation Plan (ICAO Document 9750);
3. Manual on Global Performance of the Air Navigation System (ICAO Document 9883);
4. The Air Traffic Management System Requirements (ICAO Doc 9882);
5. Air Navigation Plan — Asia/ and Pacific Regions, Volume I — Basic ANP and Volume II — FASID (ICAO Document 9673)
6. National Plan for CNS/ATM System – Guidance Material (ICAO Circular 278)
7. Economics of Satellite-based Air Navigation Services (ICAO Circular 257)
8. Manual on Air Navigation Services (ANS) Economics (ICAO Document 9161)
9. Development of business case for the implementation of CNS/ATM Systems – Guidance Material (available on the ICAO CAFE website);
10. Performance-based Navigation (PBN) Manual (ICAO Doc 9613);
11. Global Aviation Safety Plan; (ICAO Doc);and
12. Safety Management Manual (ICAO Doc 9859).

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