

LIST OF ACTION ITEMS ARISING FROM THE 52nd CONFERENCE

Discussion Paper No.	Action Item	Agenda Item 3.1 - Theme Topic
DP/3.1/1 & DP/3.1/4	Action item 52/1	<p>New Generation Aviation Professionals initiatives</p> <p>Noting the need for quality training institutions in APAC, the Conference encouraged:</p> <ol style="list-style-type: none"> 1) States in the region to identify their future manpower requirements for aviation professionals and promote investments in modern training institutions/facilities; 2) States to promote collaboration, cooperation and coordination amongst States to nurture and promote the next generation of aviation professionals; and 3) States to give equal attention to the academic input and creating/sustaining a culture of quality within their training organizations.
DP/3.1/2	Action item 52/2	<p>New Generation Aviation Professionals Programme</p> <p>Recognizing that enough qualified and competent aviation professionals will be needed to operate, manage and maintain the future international air transport system the Conference urged States to:</p> <ol style="list-style-type: none"> a) support the work of the ICAO NGAP Programme by providing resources; b) consider providing data to ICAO to populate the NGAP index; and c) provide a focal point from each organization supporting NGAP activities.
DP/3.1/7 and 3.1/8	Action Item 52/3	<p>Competency Based ATSEP Model</p> <p>Noting the criticality of ATM systems and operations, the Conference encouraged States/Administrations to:</p> <ol style="list-style-type: none"> 1) adopt ICAO's new recommendation in the PANS-Training on competency of Air Traffic Safety Electronic Personnel (ATSEP); 2) encourage ANSPs to implement competency based ATSEP scheme to better support the safety critical ATM/CNS equipment operations; 3) support technical staff of NGAP to pursue professional qualification as well as career development in the aviation discipline.

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DP/3.1/10	Action Item 52/4	<p>Regional Cooperation for the Training of ATM Professionals</p> <p>The Conference recognized the importance of seamless performances of ATM professionals along with the modernization of services and facilities based on APAC seamless ATM plan, and urged States:</p> <p>a) to strengthen regional cooperation for the trainings for ATM professionals: and</p> <p>b) to share each State’s information and best practices about the education and trainings.</p>
DP/3.1/5	Action Item 52/5	<p>Compliance with PANS Aerodromes</p> <p>The Conference encouraged States to recognize the importance of complying with the PANS–Aerodromes (Doc 9981) which would become applicable in November 2016.</p>
Agenda Item 3.3 : Air Navigation matters		
DP/3.3/1	Action Item 52/6	<p>Outcomes of APANPIRG/26</p> <p>The Conference noted that APANPIRG/26 has empowered its Sub Groups to adopt technical Conclusions/Decisions to enhance the efficiency of approval process and reiterated that the decision should be reviewed by APANPIRG in 2017 for appropriate further action and the DGCA Conference be informed on the action taken.</p>
DP/3.3/2 & 3.3/11	Action Item 52/7	<p>Airport Disaster Management Concept</p> <p>The Conference encouraged States prone to natural disasters to:</p> <p>a) consider the airport mutual aid concept of operations to restore airport functions in an efficient and expeditious manner following a disaster;</p> <p>b) consider to stock spare CNS equipment to secure ATC functions in order to maintain continuity of operations.</p>
DP/3.3/4	Action Item 52/8	<p>Rocket Launch Airspace Closures</p> <p>The Conference urged States to assist the ATM Sub-Group of APANPIRG to develop guidance material for management of situations related to space rocket launches/reentry activity.</p>
DP/3.3/5	Action Item 52/9	<p>Volcanic Ash Events</p> <p>Noting that volcanic events could impact the safety of aircraft operations, the Conference urged States to:</p> <p>a) establish a mechanism to provide regular and timely communications during a volcanic event to ensure all stakeholders are up to date with current information,</p>

		<p>decision making, planning and situation reports;</p> <p>b) consider establishing an internal crisis management centre where applicable to support the collaborative sharing of information during volcanic events or other crises; and</p> <p>c) participate as necessary in the upcoming ICAO APAC volcanic exercises noting that the next exercise is tentatively scheduled for February 2016.</p>
DP/3.3/6	Action Item 52/10	<p>Measuring ATM Performance</p> <p>The Conference recognized the importance of Measuring ATM Performance and encouraged States and ANSPs to avail themselves of the following two CANSO publications in their deliberations on ATM performance measurement: <i>Global ANS Performance Report 2014</i> and <i>Recommended KPIs for measuring ANSP Operational Performance</i>.</p>
DP/3.3/7	Action item 52/11	<p>ASBU Concept</p> <p>Recognizing the importance of the ICAO Aviation System Block Upgrades (ASBU) concept which provided a strategic framework to develop and evolve the air traffic management capabilities while ensuring regional and global harmonization and interoperability of the aviation system, the Conference encouraged States to:</p> <p>a) avail themselves of the CANSO ASBU guidance publication; and</p> <p>b) participate in the upcoming “Methodology and Best Practices for ASBU Implementation Course” to be held in August 2016 in Singapore.</p>
DP/3.3/8	Action Item 52/12	<p>ADS-B implementation Plans</p> <p>The Conference encouraged States with ADS-B implementation plans to explore ADS-B data sharing arrangements with their neighbors; and to expedite implementation of similar ADS-B collaboration over the areas of major traffic flows, remote and oceanic areas such as Bay of Bengal and the rest of the South China Sea.</p>
DP/3.3/9	Action Item 52/13	<p>Regional RPAS Collaboration</p> <p>Noting the challenges faced by aviation regulators in the face of the rapid emergence of remotely piloted aircraft systems, the Conference agreed:</p> <p>a) to Singapore hosting an Asia-Pacific Regional RPAS information sharing forum in 2016; and</p> <p>b) for APRAST/RASG to consider establishing a RPAS Task Force and coordinate with appropriate bodies responsible for safety and security in respect of on-going Regional RPAS collaboration and information sharing.</p>

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DP/3.3/12	Action Item 52/14	<p>Mini Global Demonstration Project</p> <p>Recognizing the need to promote understanding of System Wide Information Management (SWIM) in the Asia Pacific Region, the Conference encouraged States to participate in the Mini Global II demonstration Project and the ICAO APAC SWIM workshop in 2016.</p>
DP/3.3/13	Action Item 52/15	<p>Guidance Material on acceptance of CNS Systems</p> <p>The Conference recognized the challenges faced by some States in the acceptance of CNS systems in respect of ICAO compliance and invited the CNS Sub Group of APANPIRG to examine the feasibility for development of a Guidance Material on a common methodology for acceptance and report the progress made to the 53rd DGCA Conference.</p>
DP/3.3/14	Action Item 52/16	<p>Guidance Material on RNAV visual procedures</p> <p>Noting the benefits of PBN implementation by States the Conference invited the expeditious progress by ICAO working groups on the RNAV to visual and PBN to ILS procedures guidance material.</p>
DP/3.3/21	Action Item 52/17	<p>Degradation in the performance of the CNS equipment</p> <p>Recognizing that the development of infrastructure projects at or in the vicinity of airports may lead to degradation in performance of the CNS equipment which would ultimately affect normal operations of Air Traffic Control (ATC) the Conference urged States to:</p> <ul style="list-style-type: none"> a) note the on-going developments at or in vicinity of an airport which will constitute changes to the operating environment of CNS equipment and which may cause impact to the normal operations of CNS equipment if not properly managed; b) note the importance in having close cooperation between infrastructure project owners and CAAs/ANSPs to perform assessment on potential impacts to CNS equipment due to such changes and incorporate mitigating measures in the early planning stage; and c) support grooming the next generation aviation professionals specialized in CNS equipment safeguarding.

DP/3.3/20	Action Item 52/18	<p>Cross Border ATFM Implementation</p> <p>Recognizing that ATFM is one of the key elements in the Asia Pacific Seamless ATM Plan, the Conference encouraged States to:</p> <ul style="list-style-type: none"> a) participate and commit the necessary resources in the cross-border ATFM Operational Trials; b) Maintain close engagement between the aeronautical MET- and ATFM-service providers to ensure development and supply of the MET information necessary to support ATFM; and c) consider developing a regional strategy through the ICAO ATFM Steering Group as the next step towards cross-border ATFM implementation in the Asia and Pacific Regions.
DP/3.3/22	Action Item 52/19	<p>Transition from AIS to AIM</p> <p>Noting the hurdles experienced by States in the AIS-AIM transition the Conference urged States to:</p> <ul style="list-style-type: none"> a) share the experience in e-AIP implementation and the use of ICARD system; b) share the major challenges of transition from AIS to AIM and the tackling strategy;
DP/3.3/23	Action Item 52/20	<p>GNSS Technology</p> <p>Taking note of the emerging GNSS technology and adoption of GAGAN/SBAS by India, the Conference urged States to:</p> <ul style="list-style-type: none"> a) adopt SBAS in the Asia Pacific Region as an enabler for PBN operations; b) make use of existing GNSS/SBAS technology in the Region.
DP/3.3/42	Action Item 52/21	<p>Seamless ATM Implementation Progress</p> <p>Noting that the Asia/Pacific Seamless ATM Reporting process (implemented since November 2014) together with the regional picture as of 15 October 2015 was monitoring the implementation progress of Air Navigation Improvements in APAC Region against the objectives set forth by the GANP ASBU Block 0 and Seamless ATM plan v1.0 the Conference urged States to:</p> <ul style="list-style-type: none"> a) nominate their Points of Contact and report on their Seamless ATM implementation progress at least once a year through the ICAO online reporting process; b) analyze the first Regional Picture, seek any clarification and record gaps of implementation for States' further action.

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DP/3/3/43	Action Item 52/22	<p>ATM modernization Plan</p> <p>The Conference encouraged States to recognize ICAO recommendations in GANP on ATM Modernization and tailor a modernization plan to meet their individual and regional requirements.</p>
DP/3.3/44	Action Item 52/23	<p>AIM Implementation</p> <p>Recognizing that all aspects of air navigation services are heavily dependent on timely and high quality aeronautical information the Conference urged States to:</p> <ol style="list-style-type: none"> a) ensure that the necessary organizational direction, support and resources are applied to strengthen States AIS capability and the transition to AIM; b) share information and experience in AIM transition through collaborative bi-lateral or multi-lateral arrangements and through active and regular participation in the AIM transition information sharing website; c) note the need for collaboration among APAC States in terms of AIM implementation.
Discussion Paper No.	Action Item	Agenda Item 3.4: Economic Development of Air Transport
DP/3.4/3	Action Item 52/24	<p>Core Principles on Consumer protection</p> <p>The Conference encouraged States to apply ICAO Core principles on consumer protection that has been adopted by the ICAO Council.</p>
DP/3.4/4	Action Item 52/25	<p>ICAO policies on charges(Doc 9082)</p> <p>Noting the importance of raising awareness of ICAO policies on charges in Doc 9082 and their implementation in APAC Region, the Conference</p> <ol style="list-style-type: none"> a) urged States to ensure that ICAO's policies on charges in Doc 9082 are implemented so that the determination and allocation of airport and air navigation charges is transparent and equitable; b) encouraged States of the Asia & Pacific Regions who are members and observers in the Joint Airport Economics Panel and Air Navigation Services Economics Panel (AEP-ANSEP) to actively participate and ensure that ICAO's policies on Doc 9082 remain accurate, valid and responsive to the needs of States and of the industry.
DP/3.4/5	Action Item 52/26	<p>Proliferation of Taxes</p> <p>Noting the growing proliferation of taxes outside the scope of Doc 8632 the Conference urged States to update the concerned authorities within their administration to take the ICAO policies on taxation into consideration.</p>

DP/3.4/9	Action Item 52/27	<p>Economic Development of Air Transport</p> <p>Noting the follow-up work to the Sixth Worldwide Air Transport Conference (ATConf/6) with outcomes of the Air Transport Regulation Panel (ATRP) and Airport Economics Panel and Air Navigation Services Economics Panel (AEP-ANSEP) concerning policies and regulation the Conference urged States to:</p> <ol style="list-style-type: none"> a) support ICAO's work for Economic Development of Air Transport; b) apply and follow ICAO's policies and guidance in the air transport field in their regulatory practices, including the long-term vision for liberalization and core principles on consumer protection; c) contribute to ICAO's ongoing work on aviation satellite account methodology; d) coordinate with ICAO in meeting States needs of data analysis to promote air transport development in the region; e) access and use the ICAO Data Plus and business analysis tools; and f) contribute to the voluntary Air Transport Fund.
DP/3.4/10	Action Item 52/28	<p>Fast Travel Concepts</p> <p>Noting that the Fast Travel initiative responds to passengers' demand for greater convenience the Conference urged States to consider explicitly authorizing Fast Travel concepts, or address any regulatory obstacles at national level through the National Air Transport Facilitation Committee.</p>
Agenda Item 3.5: Aviation and Environment		
DP/3.5/1	Action Item 52/29	<p>Airport Carbon Accreditation</p> <p>The Conference noted the benefits and importance of <i>Airport Carbon Accreditation</i> and urged States to:</p> <ol style="list-style-type: none"> a) encourage their aerodrome operators to use ACI guidance materials and training for greenhouse gas emission reduction; and b) include <i>Airport Carbon Accreditation</i> into their next update of State Action Plans.
DP/3.5/6	Action Item 52/30	<p>International Aviation and climate change</p> <p>Noting the developments on the actions requested by the 38th Session of the ICAO Assembly in the field of international aviation and climate change, the Conference urged States to:</p> <ol style="list-style-type: none"> a) develop, update and submit their action plans by the end of 2015;

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		<ul style="list-style-type: none"> b) continue to consider environmental issues in the planning and implementation of regional air navigation systems; c) promote the use of IFSET to estimate the fuel savings and corresponding environmental benefits from the implementation of operational improvements, as part of the development of States' Action Plans; d) note the availability of further assistance by ICAO in the preparation and submission of States' action plans; e) express a clear concern, through the UNFCCC process, on the use of international aviation as a potential source for the mobilization of revenue for climate finance to the other sectors, in order to ensure that international aviation would not be targeted as a source of such revenue in a disproportionate manner; pursuant to Assembly Resolution A38-18, paragraph 30; and f) to attend next GLADS in first half of 2016.
DP/3.5/7	Action Item 52/31	<p>Alternative Aviation Fuels</p> <p>The Conference recognized the importance of the cooperation of industry, academia, and government as one of the efforts to promote the use of alternative aviation fuels and urged States to:</p> <ul style="list-style-type: none"> a) recognize the necessity of collaboration between the various stakeholders in order to promote the use of alternative aviation fuels; and b) consider the establishment of discussion fora in which various stakeholders participate in as appropriate, taking their own circumstances into consideration.
Agenda Item 3.6: Technical and Regional Cooperation		
DP/3.6/2	Action Item 52/32	<p>Flight Procedure Programme</p> <p>The Conference noted with appreciation the significant accomplishments of the FPP in 2015 and</p> <ul style="list-style-type: none"> a) urged States to continue their support of the FPP into Phase 3 (2018-2022) of the Programme and to endorse its Strategy Forward; b) urged States who are not yet a member of the FPP to consider becoming Active Participating States or User States; and c) urged current User States of the FPP to consider upgrading their participation status to Active Participating States and to become part of the FPP Steering Committee.

DP/3.6/3	Action Item 52/33	Regional Training Road Map The Conference encouraged States to use the regional Training Road Maps (TRMs) developed by Singapore for aviation safety regulators in the areas of Personnel Licensing (PEL), Aircraft Operations (Ops) and aircraft accident and incident investigation (AIG) for areas of improvement in their safety oversight capabilities; and supported Singapore's continued efforts in the development of the TRMs for the other key job functions under the rest of the USOAP audit areas; Recognizing the need for greater collaboration in the capability development of regulators in the Asia Pacific Region, the Conference encouraged States to contribute to the development of the next regional TRM.
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