INTERNATIONAL CIVIL AVIATION ORGANIZATION

Fifth Meeting of the APIRG Communications, Navigation and Surveillance Sub-group (Nairobi, Kenya, 16-19 September 2013)

Agenda Item 11: Any other business

Review of IATA Global Survey on Aircraft Equipage

(Presented by the Secretariat)

SUMMARY
This working paper presents the IATA Global Survey on Aircraft Equipage conducted in 2012 over 4874 aircraft and 286 fleets, with the contribution of 86 airspace users; and provides information on additional surveys to be conducted on CNS/ATM capacities and performance-based navigation (PBN) and conventional flight procedures.
Action by the meeting is at paragraph 3.
Reference : • APIRG/17 and APUIRG/18 Reports Note: Reference can be downloaded from **www.icao.int**
Related ICAO Strategic Objective A: Safety and C: Environmental Protection and Sustainable Development of Air Transport.

1. Introduction

1.1 The Seventeenth Meeting of the AFI Planning and Implementation Regional Group recognizes the importance of accurate data on aircraft equipment in order to facilitate effective planning and implementation of PBN at global and globally, including the AFI Region; and has noted with concern the lack of sufficient and accurate data on aircraft equipment for planning and implementation purposes. Accordingly, the Group formulated its Conclusion 17/59 and 18/23 which read as follows:

Conclusion 17/59: Airspace Planning and Aircraft Equipment Survey

That, in order to facilitate airspace planning and decisions related to air navigation infrastructure:

a) ICAO in coordination with IATA and AFRAA conduct regular surveys on aircraft equipage within the AFI Region;

b) AFI States and air navigation service providers (ANSPs) are urged to support the ICAO/IATA global survey on aircraft equipment aimed at developing a database with accurate information on present and future avionics capabilities of airline fleets;

c) AFI States make efforts to bring awareness to the aircraft operators regarding the ICAO efforts on aircraft equipage data, and that joint efforts between civil aviation authorities and ANSPs be embarked upon to bring quicker results; and

d) AFI States ensure that initiatives for air navigation system enhancements are matched with fleet capabilities and readiness.

Conclusion 18/23: ***Information on Aircraft Equipage in Air Navigation System Planning and Implementation***

That AFI States:

a) Support surveys conducted on aircraft equipage and capabilities by providing the ICAO Regional offices with detailed information concerning their registered aircraft; and

b) Use the information for planning and implementation of air navigation systems.

2. Discussion

2.1 **Appendix** to this working paper provides the outcome of the IATA Global Survey on Aircraft Equipage conducted in 2012 over 4874 aircraft and 286 fleets, with the contribution of 86 airspace users.

2.2 The meeting may also wish to note that, in the framework of Aviation System Block Upgrades (ASBU), IATA in collaboration with ICAO and CANSO intents to conduct 02 surveys on active and planned ATM/CNS capacities of Air Navigation Services Providers (ANSPs) and performance-based navigation (PBN) & Conventional procedures within flight information regions (FIRs) and at international airports. The survey forms can be completed on line through following links:

- ATM/CNS capacities for each FIR. http://goo.gl/lMLnU or https://adobeformscentral.com/?f=C1X3vUbbhH9rhFgScFyC8g

- Conventional and PBN procedures for each international airport. https://adobeformscentral.com/?f=3ZiJSPhFFPvC3r%2AsdfaDvQ or http://goo.gl/lMLnU

2.3 These surveys will allow stakeholders to gather global picture of medium and long term capacities of air traffic management system in the region. Furthermore they will foster better planning of investments to be realized in the operator fleets, on-board equipment rationalization and optimized operations within airspaces.

3. Conclusion

3.1 The meeting is invited to:

1) Note the outcome of the IATA Global Survey on Aircraft Equipage conducted in 2012 as provided in **Appendix** to this working paper; and

2) Reiterate the necessity for AFI States, Air Navigation Service Providers and Airport Operators to support and participate in global and regional surveys conducted on airborne systems and air navigation systems' capabilities, in accordance with APIRG Conclusions 17/59 and 18/23.

-END-