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**Workshop on the Performance Enhancement of the Air
Navigation System through the ICAO Aviation Systems Blocks
Upgrades (ASBU) framework**



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Outline

- New Regional Air Navigation Plan Template and Procedures for Amendment
- Structure of the New AFI Air Navigation Plan (AFI eANP)
- Proposal for Amendment (PfA) of the AFI eANP
- State's responsibility



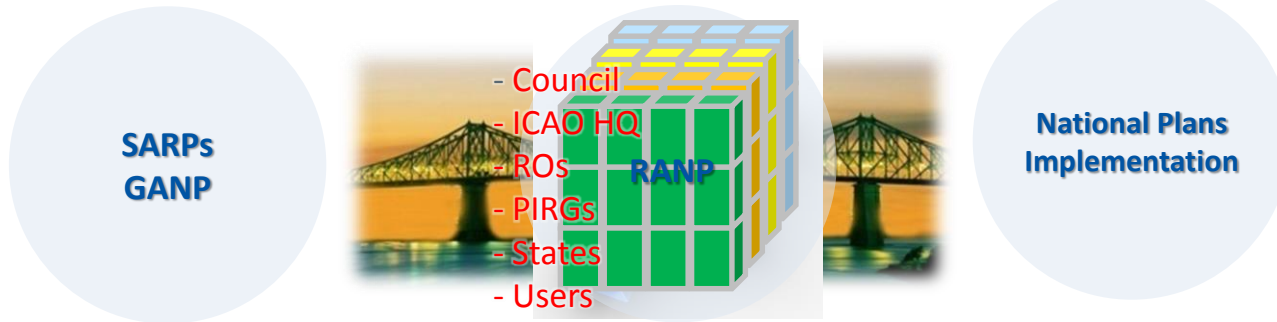


Background

- The Twelfth Air Navigation Conference – Rec 6/1 “Regional performance framework-planning methodologies and tools”.
- The Secretariat established the eANP Working Group with representation from all Regional Offices and ANB (HQ).



Regional ANPs - a bridge between ICAO SARP/GANP and States' national plans and implementation





Objective and purpose of regional air navigation plans (ANPs)

- Regional ANPs are a bridge between ICAO SARPs/GANP and States' national plans and actual implementation.
- Planning and implementation of air navigation systems within a region(s).
- Repository document for assignment of responsibilities to States.
- Requirements for facilities and services to be implemented by States.
- Provisions that States can follow when planning their air navigation facilities and services.
- Basis for air navigation services charges.



Why we need to improve the ANPs?

- Often out of date due to a slow and cumbersome amendment process and to States not providing data.
- Align the content of the regional ANPs with the revised GANP and ASBUs.
- Remove unnecessary and duplicated information that is available elsewhere.
- Migrate the ANPs from paper-based and early electronic version into a web-based platform to facilitate access by States, PIRGs, international organizations and the Secretariat.



Advantages of the new eANP

- Dynamic/flexible elements are moved to Volume II and/or III allowing States more flexibility to update/implement their requirements in the ANPs. The approval process for these two volumes will be achieved by regional agreement.
- Web-based platform will facilitate access to and updating of regional air navigation plans.
- Proposed amendment process will reduce time to process proposals for amendment.



Content of the new eANP

- General structure of Volumes I and II (AOP, CNS, ATM, MET, SAR and AIM)
 - Part 0 – Introduction
 - Part I – General Regional Requirements (harmonized for all Regions)
 - Part II – Specific Regional Requirements (applicable to a region)



Content of the eANP

- Volume III – information related to implementation monitoring, planning and/or guidance.
 - Part 0 – Introduction
 - Part I – General Planning Aspects (GEN)
 - High-level implementation indicators for 18 ASBU Block 0 Modules.
 - Part II – Air Navigation System Implementation



Changes to ANP

Change	Old Volume (s)	New Volume (s)
Deletion of guidance material	I (Basic) and II (FASID)	-
Deletion of BORPC	I (Basic)	-
Deletion of duplicate SARPs and global provisions	I (Basic) and II (FASID)	-
New concept of general (mandatory) requirements and specific (applicable to region) requirements	-	I, II and III



Changes to ANP

Change	Old Volume (s)	New Volume (s)
Improved table of flight information regions (FIRs)	I (Basic)	I
Table of ATS routes as a specific requirement in Volume II, where applicable. Council approval not required; to be approved through regional agreement	I (Basic)	II
Implementation information regarding dynamic/flexible elements of air navigation systems or ASBUs modules	II (FASID)	III



Changes to ANP

Change	Old Volume (s)	New Volume (s)
New subjects in GEN part	-	I
FASID AIM tables moved to Volume III	II (FASID)	III
Improved AOP tables in Volumes I and II	I (Basic) & II (FASID)	I & II
Improved CNS tables in Volume II; other tables moved to Volume III	II (FASID)	II & III
Improved MET tables for Volume II	II (FASID)	II
Improved AIM tables for Volume II and others moved to Volume III	II (FASID)	II & III



Web-based platform

- eANP web-based platform under SPACE (iSTARs 2.0)
- eANP on web-based platform would facilitate consultation of ANPs.
- Authorized access by focal points in States and international organizations to submit proposals for amendment to the regional eANP(s) using web-based platform.
- Public read-only access to eANP(s).



Structure of the New AFI eANP

- Each ICAO Region has its own regional air navigation plan.
- For AFI, its called the AFI ANP.
- The old AFI ANP was comprised on two volumes:
 - Volume I: Basic
 - Volume II: FASID



Structure of the New AFI eANP

- The 12th Air Navigation Conference (AN-Conf/12) agreed to Recommendation 6/1 regarding the alignment of regional air navigation plans (ANPs) and for the new ANP to be composed of three volumes:



Structure of the New AFI eANP

- **Volume I** should contain stable plan elements, the amendment of which **require approval** by the Council.



Structure of the New AFI eANP

- **Volume II** should contain dynamic plan elements, the amendment of which does not require approval by the Council (**approval is by regional agreement involving the relevant PIRG**)



Structure of the New AFI eANP

- **Volume III** should contain dynamic/flexible plan elements providing implementation planning guidance for air navigation systems and their modernization taking into consideration emerging programmes such as the ASBUs and associated technology roadmaps described in the GANP.



Structure of the New AFI eANP

- The amendment of **Volume III** would not require approval by the Council (approval of is under the responsibility of the relevant PIRG).



Structure of the New AFI eANP

- Information on ATS routes, delineation of FIR and SSR boundaries including aerodrome services are considered elements of **Vol I** (permanent nature). which if has to be changed would require the process (PfA) to be initiated and approval by the ICAO President, on behalf of the Council.



Proposal for Amendment (PfA) of the AFI eANP

- How it can be initiated (State, Group of States, regional meetings, based on user requirements).
- Communication with the relevant ICAO Regional Office.
- Assessment and further guidance provided by the Regional Office.



Proposal for Amendment (PfA) of the AFI eANP

- ❑ Preparing a PfA (using a standardized format) in our ROM.
 - Justification inserted.
 - SLs and IOMs prepared
 - Package is uploaded on the ANP portal.
 - Sent to ANB for comments first.



Proposal for Amendment (PfA) of the AFI eANP

- ANB will distribute internally within ICAO HQ and their comments will be posted.
- If issues are raised then the process is elevated and further coordination would take place.
- If comments are minor (text, new information to be added), ANB will advise the Regional Office.



Proposal for Amendment (PfA) of the AFI eANP

- **Note:** ANB acts as the oversight of the PfA, once it is submitted by the Regional Office.
- The RO will then submit a revised PfA with SL and re-submit. In parallel, this PfA is now circulated to all concerned States and organizations for review. A deadline is given for comments to be received.



Proposal for Amendment (PfA) of the AFI eANP

- Comments received are collected and submitted back to ANB for consideration through a follow-up letter from the RO.
- If an objection from a State(s) is/are, then the process is elevated and more communication will ensue.



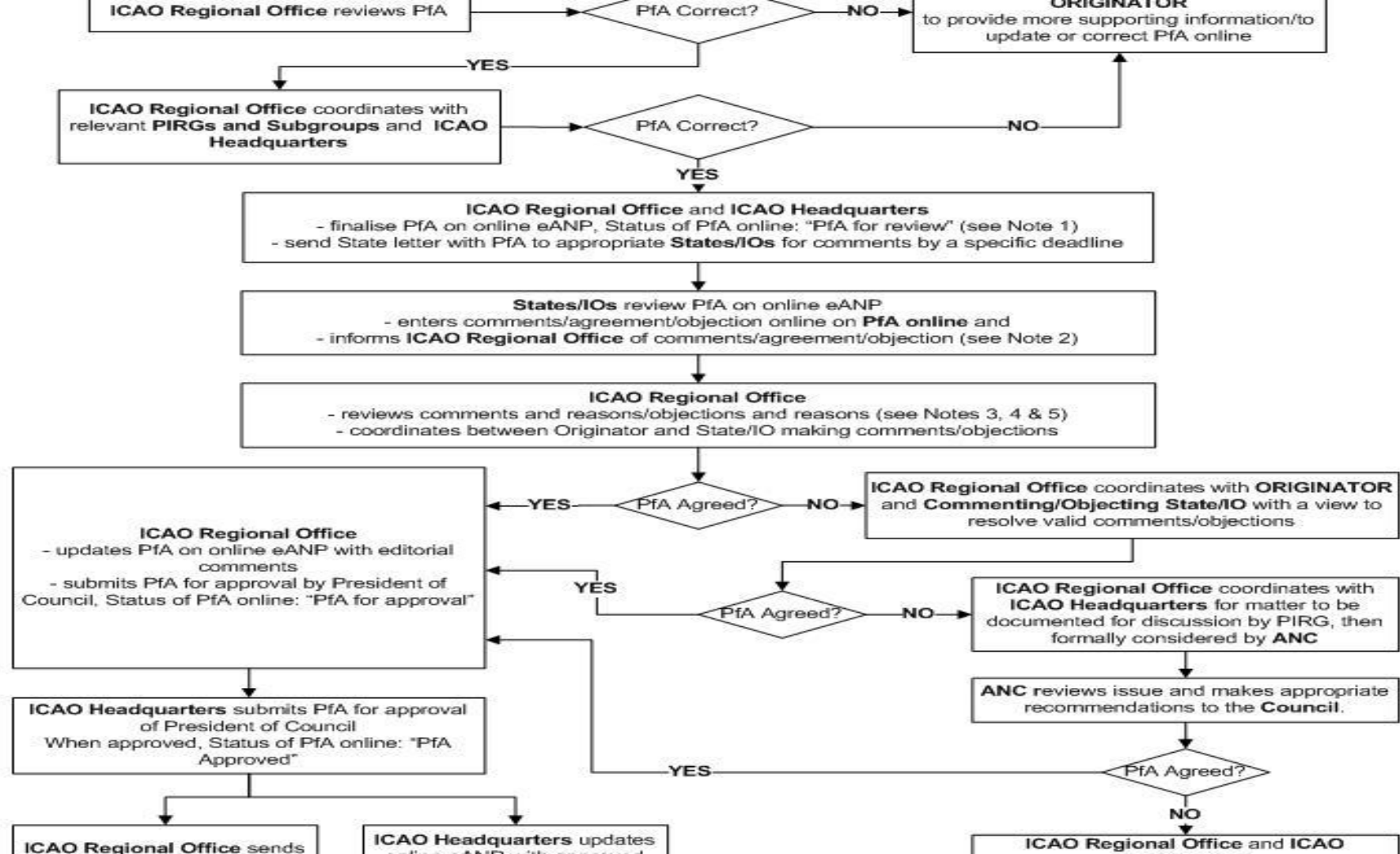
State's responsibility

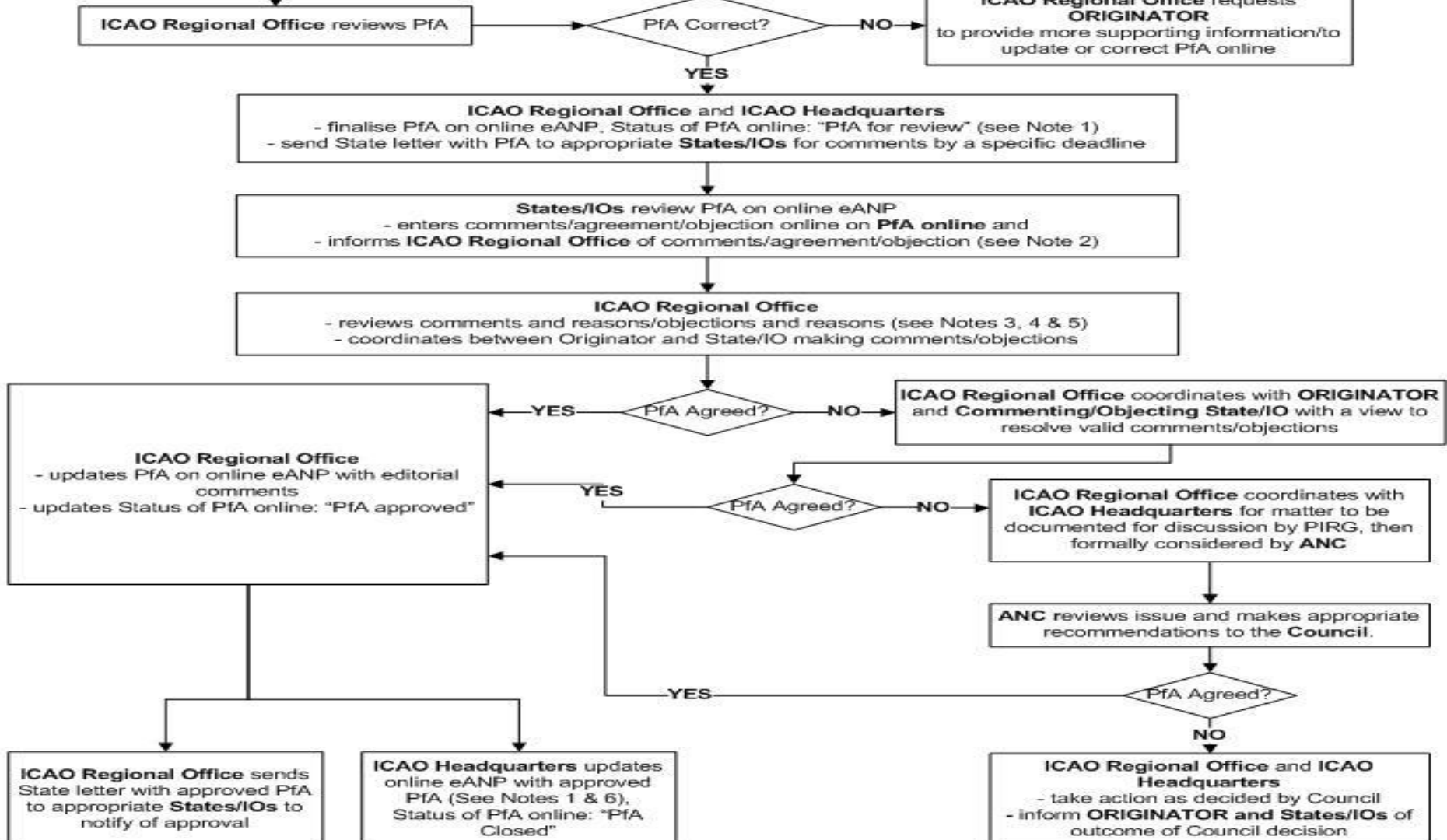
- The DG/CEO receives the PfA
- Activate internal mechanism for review of the PfA by the appropriate service provider (ANSP, MET, AGA, AIS, etc.)
- This should be similar to receiving an ICAO amendment.
- The service provider should carry out a comprehensive review to see how it is affected.

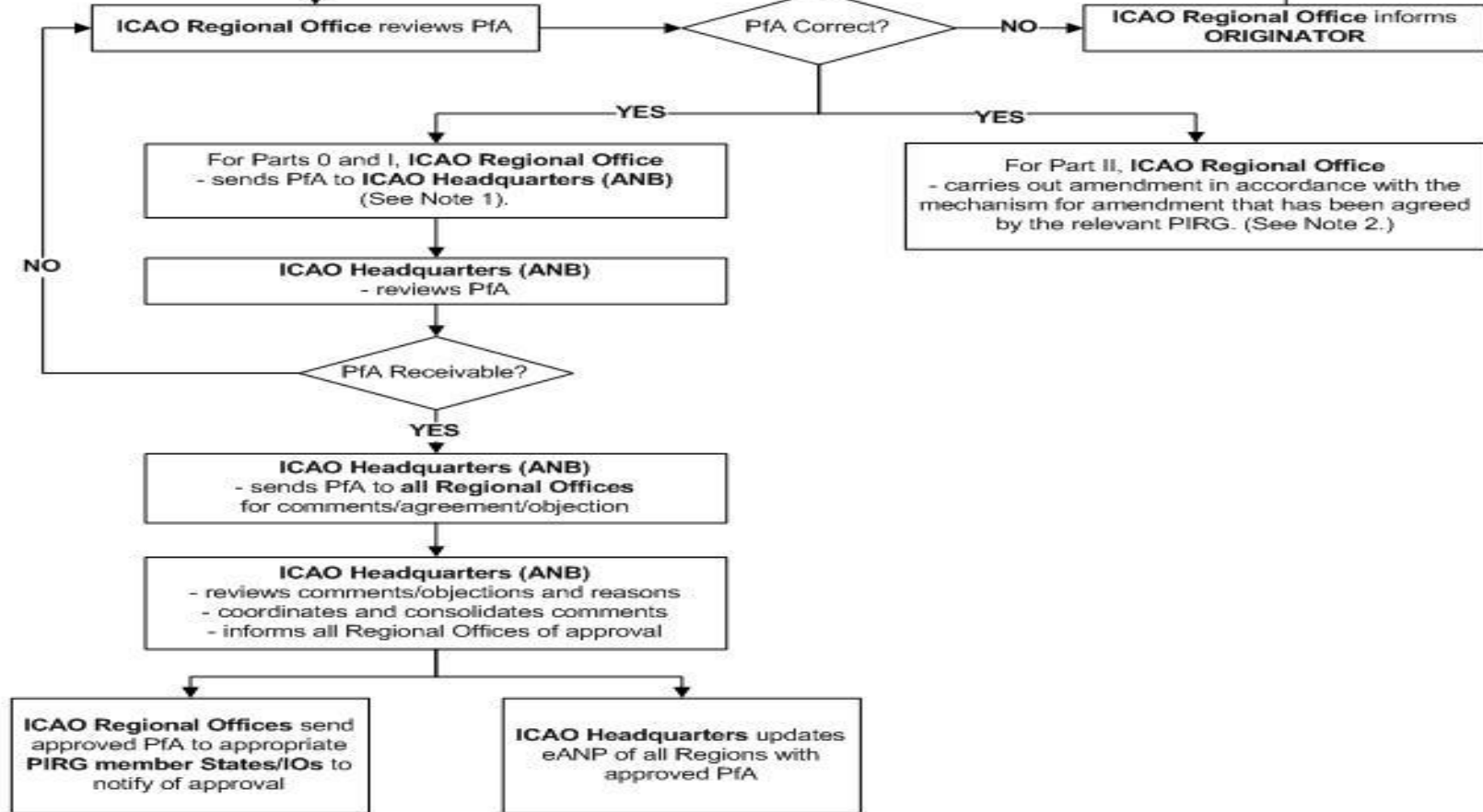


State's responsibility

- Each State should advise ICAO whether it has issues or not (no comments, etc.)
- If it is affected, start making preparations to implement (prepare AIP documents, training, safety assessment, etc.)
- Once PfA approved by the President of ICAO, immediately implement. (otherwise will result in a deficiency).







Notes:



ICAO

North American
Central American
and Caribbean
(NACC) Office
Mexico City

South American
(SAM) Office
Lima

ICAO
Headquarters
Montréal

Western and
Central African
(WACAF) Office
Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok



THANK YOU