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# ICAO Asia-Pacific Flight Procedure Programme

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# APAC Flight Procedure Programme

- **FPP History**

- Endorsed by ICAO Assembly Resolution A36-23 and A37-11 in April 2008
- Begins in March 2010 in Beijing, China

- **FPP Goal**

- To develop States' capabilities
- To provide best training, automation and quality assurance
- Implementation is our DNA

- **FPP Objectives**

- Aligned to ICAO GASP and GANP
- Supporting ASBU
- Assisting States' implementation of PBN Roadmap
- Became a successful story in TCB
- Made possible for first-ever RSO in ICAO
- Acted as a best example for in other region

## 10 Active Participating states



China



Hong Kong, China



Macao, China



French Polynesia(France)



Philippines



Rep. of Korea



Singapore



Sri Lanka



Thailand



Australia

## 7 User Participating states



DPR Korea



Fiji



Mongolia



Myanmar



Pakistan



Tonga



Vietnam

## APAC FPP Management

- **FPP Funding**

- Each active State provides 20 K USD per year

- **FPP management**

- Steering Committee meeting each year : active State are member, participating State are invited
- Chairman elected ( current is China )
- Linked with ICAO TCB (please details relationship with ICAO)

- **FPP Staff**

- One Flight Procedure Programme Manager (Under MOU seconded to RSO)
- Three experienced procedure designers, at least one with instructor experience.
- Additional experienced procedure designers, as required and approved by CAAC.
- One Information Technology specialist.
- One Administrative Assistant, as required and approved by CAAC.

## Key Tasks



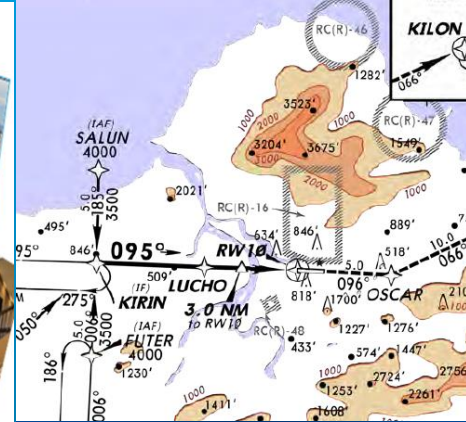
**TRAINING**



**QUALITY  
ASSURANCE**



**PARTICIPATIONS IN  
INT'L FORUM**

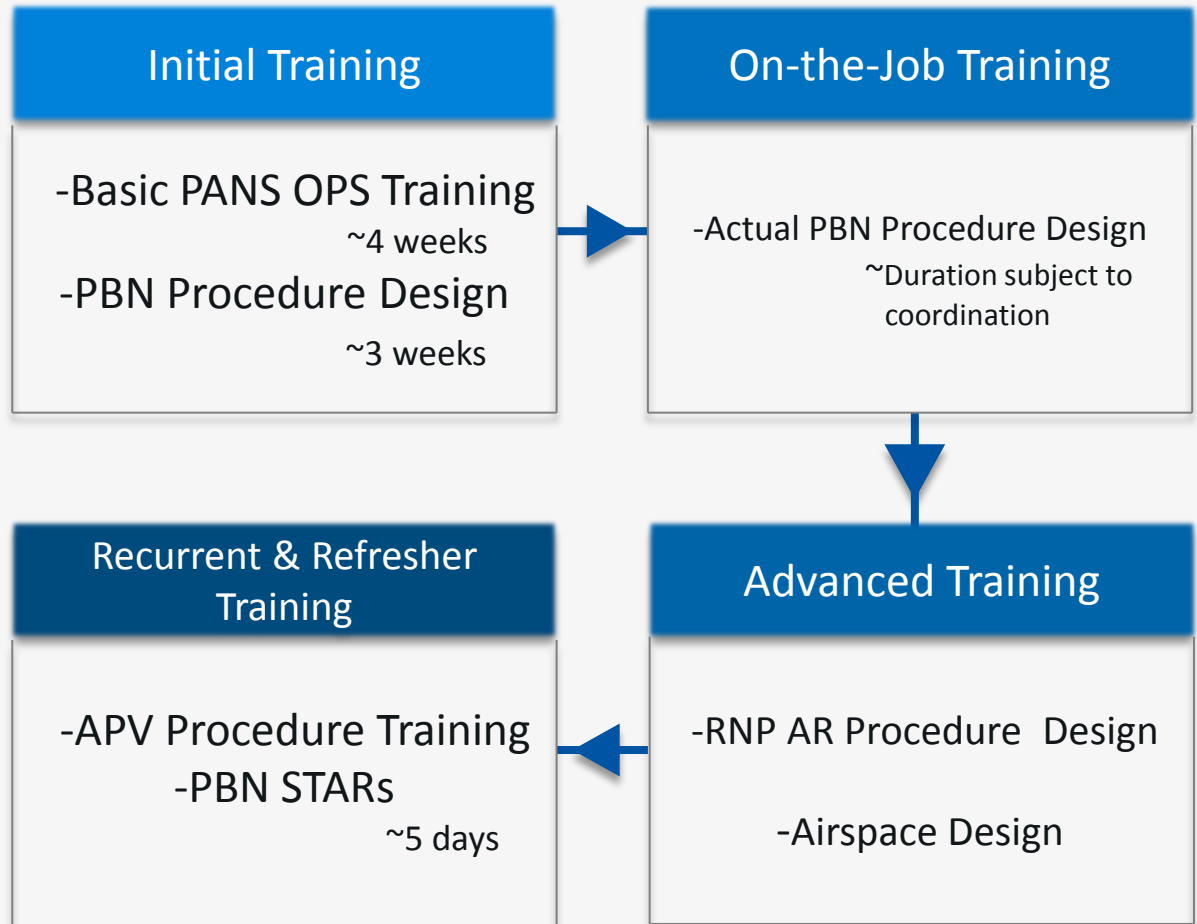
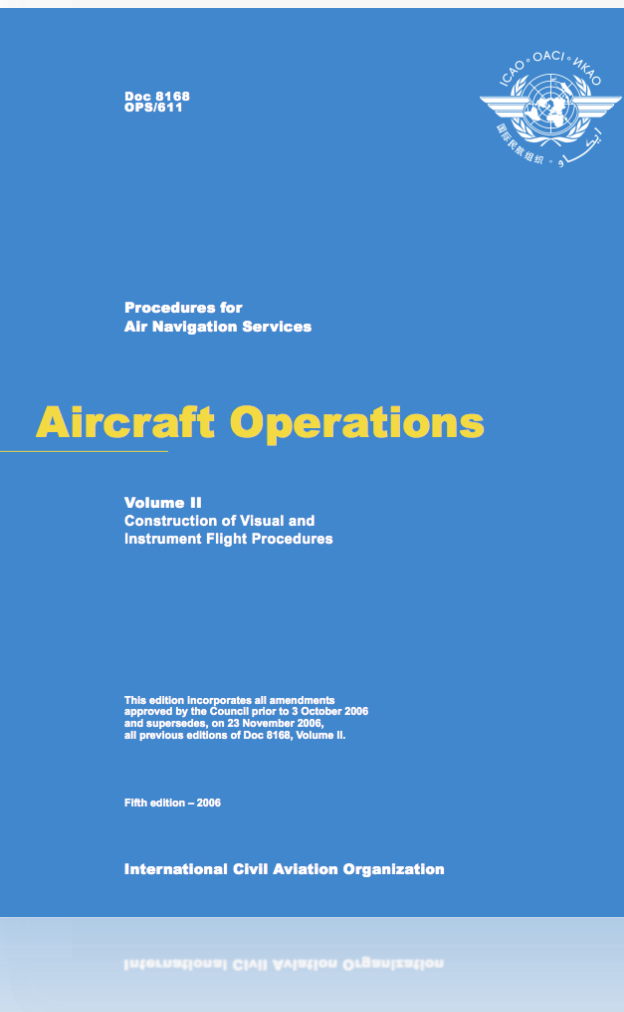


**PROCEDURE DESIGN  
SUPPORT**

**Making Global Progress in terms of Safety, Efficiency and Environmental Improvement.**



# FPP Training Course



## FPP Statistics

2010



2016



### Courses and Workshops

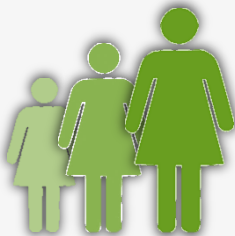
**60**

Total

From

**27**

States

**1616**

Total overall participants

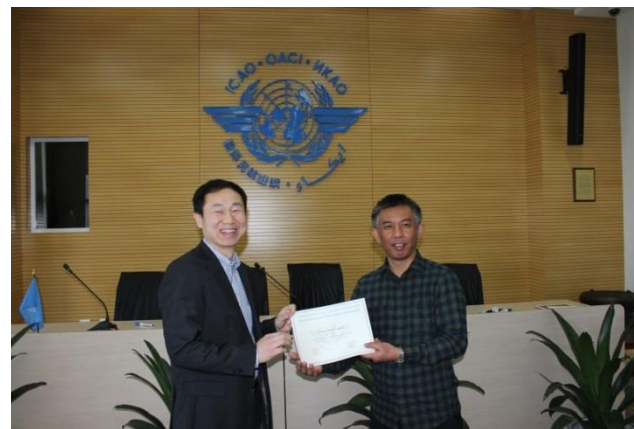
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Days X Capita



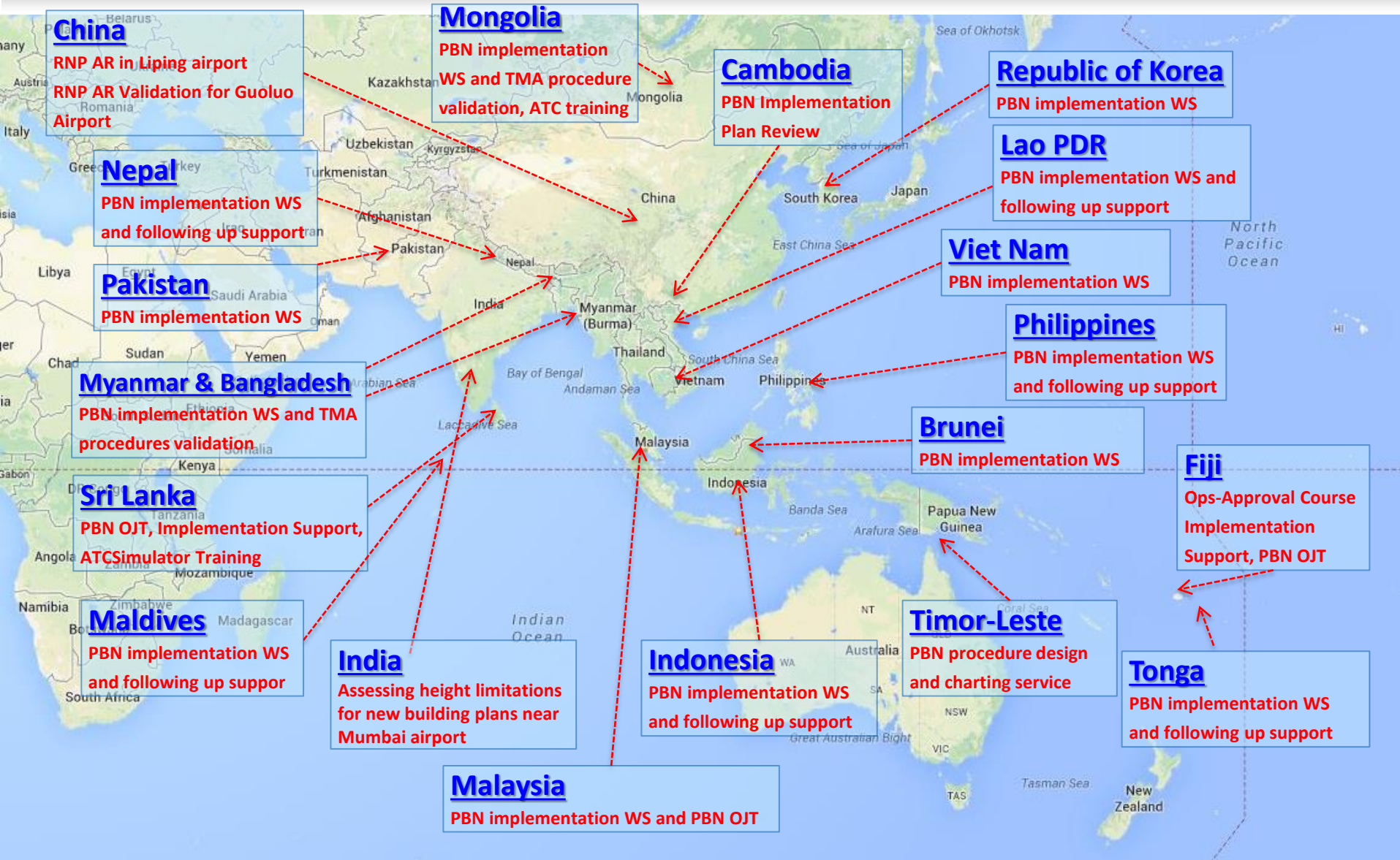
# Flight Procedure Programme

## FPP Activities





# FPP Implementation Activities



## FPP Phase



### Enhance Internal Process

- Adopt ICAO quality assurance process
- Enhance FPP administrative manual
- Increase capability and capacity of FPP team members

### Expand Value Creation

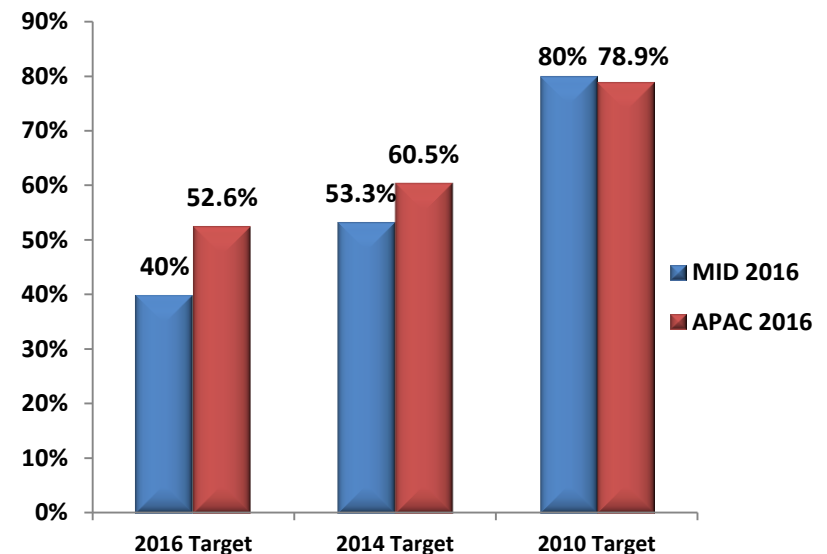
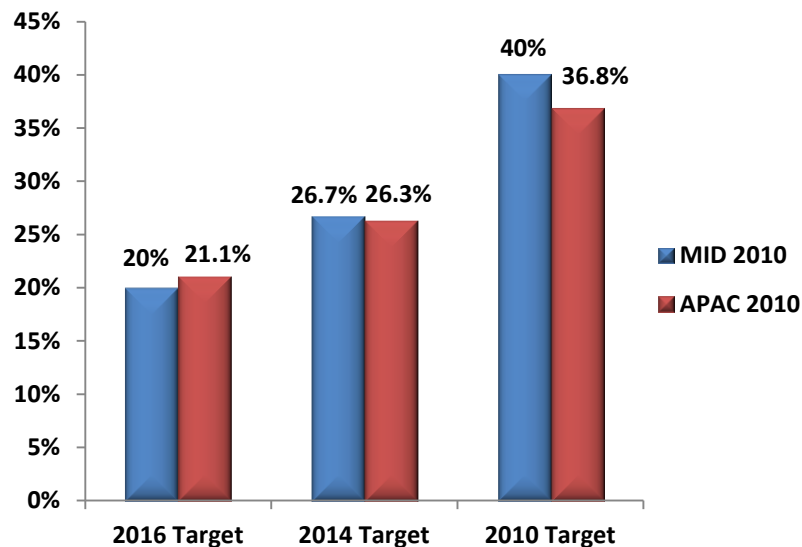
- Improve existing trainings and workshops
  - With Database of feedbacks from Participants, States/Administrations and SCM
- Increase capability and capacity of FPP team members
  - Quality Assurance Process for Procedure Design
  - PBN Implementation Follow-up Visits

### Increase Public Visibility

- Participate in relevant ICAO technical forums
- Support States' PBN events
- Close cooperation with IATA and APEC

# Comparison of Resolution Targets

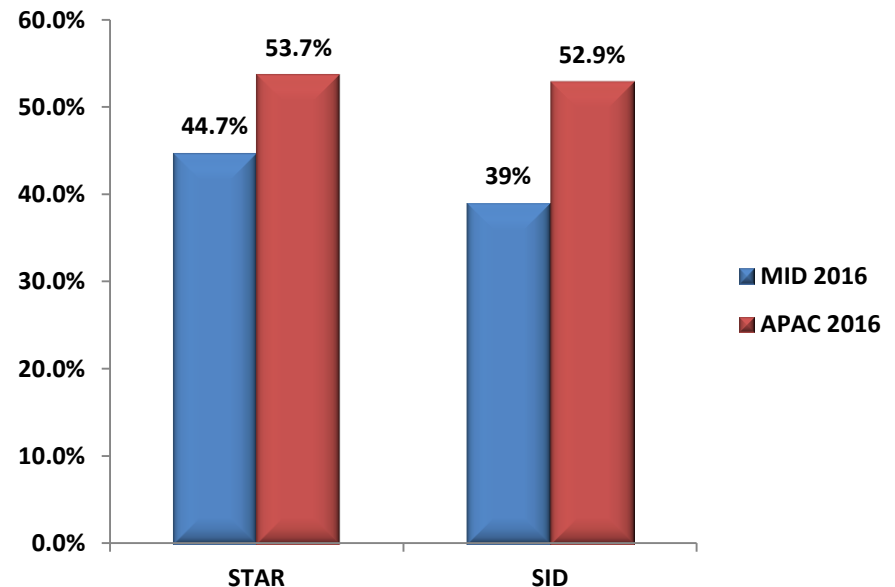
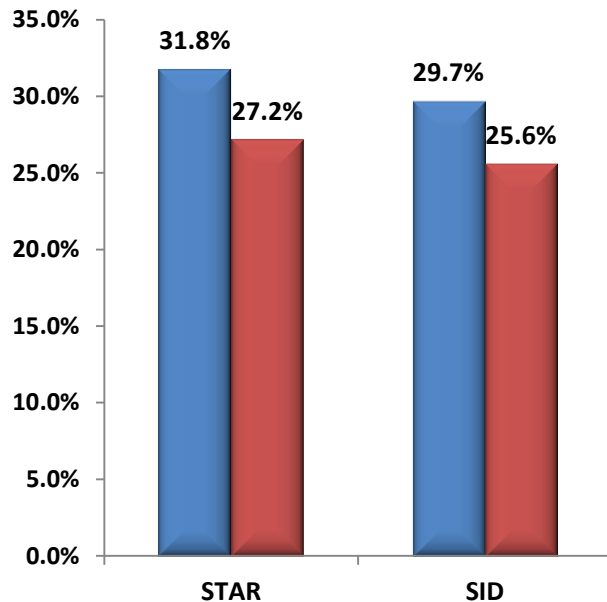
% of States in MID/APAC meeting the Resolution Targets for Applicable Years



*This data is based on the International Aerodromes as listed in the Regional Air Navigation Plans*

# Comparison of PBN Approaches by type

**% of PBN SID/STAR for MID/APAC**  
(rate refers to the total number of instrument runways)



*This data is based on the International Aerodromes as listed in the Regional Air Navigation Plans*

# Flight Procedures Programme (FPP)

- Beijing, China
  - An Prime example for the TCB Programme to promote the PBN implementation with NCLB
- Dakar, Senegal
  - FPP Office established (covers all African States)
  - Has shown significant benefit
- MID Region
  - The FPP in the region will greatly promote the implementation process mandated by A36-23 and A37-11







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Any Question?



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Mexico City

South American  
(SAM) Office  
Lima

ICAO  
Headquarters  
Montréal

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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