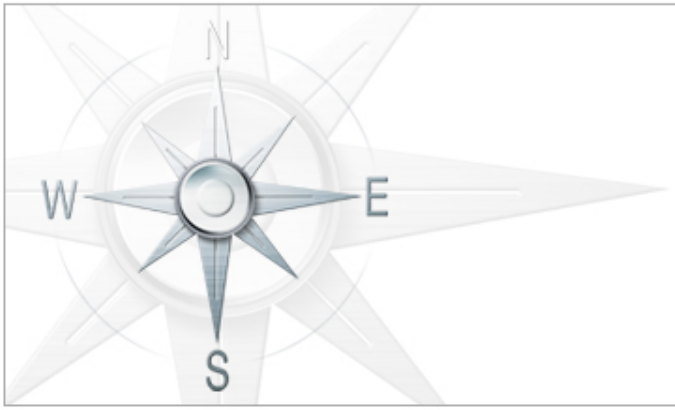


中国民用航空局
空中交通管理局
Air Traffic Management Bureau.CAAC

ATMB UPDATE

CPWG22
Paris, France
25-27 Oct 2016

Structure of ATM System

Ministry of Transportation
交通运输部

CAAC
中国民用航空局

Air Traffic Management Department
空管行业管理办公室

Air Traffic Management Bureau
空中交通管理局

China ATM System

- ATMB HQ
- 7 Regional ATMB
- 37 ATM Sub-Bureau/Station

ATMB
民航局空管局

↓

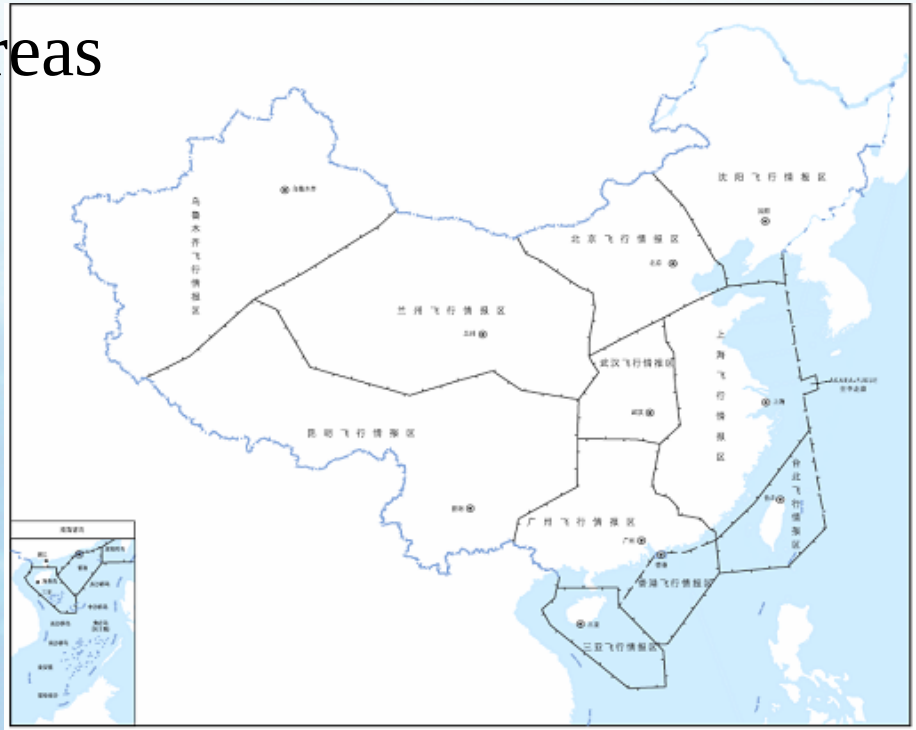
Regional ATMB
地区空管局---7

↓

ATMB Sub-Bureau/ATM Station
空管分局/站---37

Airspace Structure

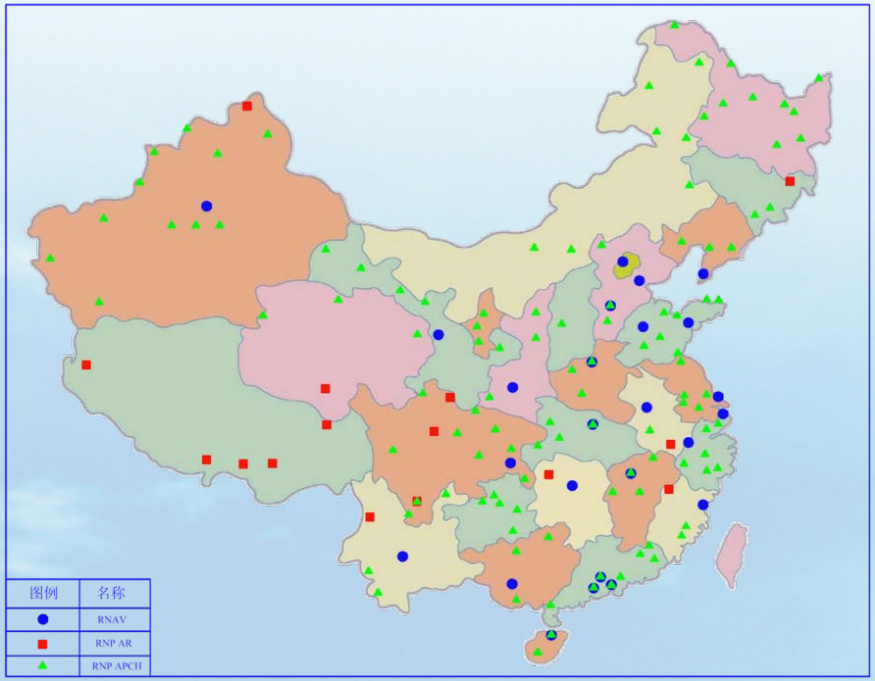
- 11 FIRs
- Total coverage 10,810,000 km2
- 17 upper control areas
- 28 medium/low control areas
- 40 approach control areas
- 1 terminal control area



Airspace Structure

- 80% airports implement PBN procedures, including 17 RNP AR airports
- The national Routes are supporting PBN operations

- Target of 2017
  - 95% airport with PBN procedures



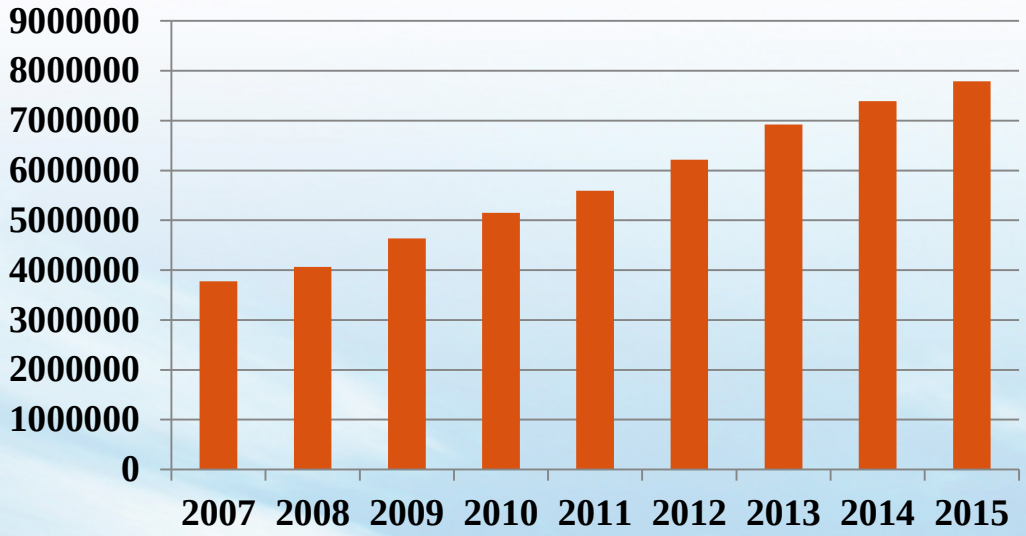
Airspace Structure

2006 First RNAV operation in Guangzhou/Baiyun Airport

2006 First RNP AR operation in Lhasa/Gongga Airport

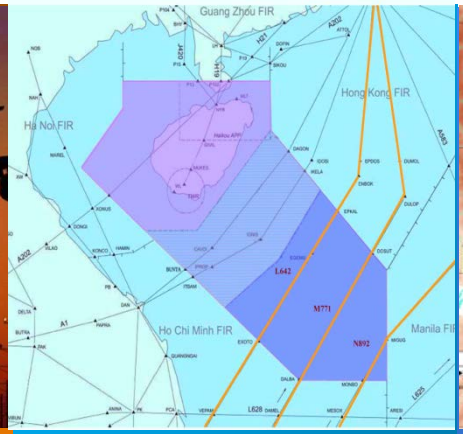
2011 First RNP APCH operation in Sanya/Fenghuang Airport

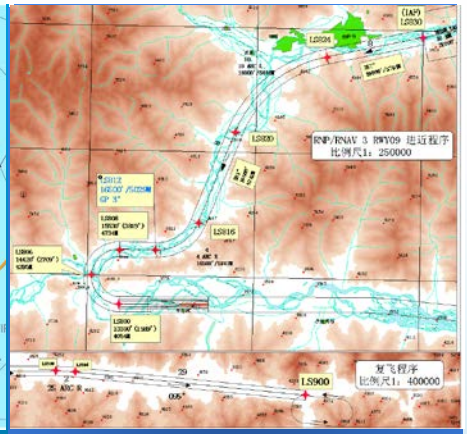
Traffic Statistics



Beijing	Pudong
Guangzhou	Shenzhen
Kunming	Chengdu
Xi’an	Hongqiao
Chongqing	Hangzhou

In Progress





Infrastructure
- CNS
- new airports

System/Procedure
- A-CDM application
- ATFM construction

Airspace
- national route network planning
- TMA restructure

New Technology
- PBN, HUD, GLS
- ADS-B
- CCO/CDO

CPWG22
Paris, France
25-27 Oct 2016