

**INTERNATIONAL CIVIL AVIATION ORGANIZATION****TWENTY SEVENTH MEETING OF THE ASIA/PACIFIC  
AIR NAVIGATION PLANNING AND IMPLEMENTATION  
REGIONAL GROUP (APANPIRG/27)***Bangkok, Thailand, 5 to 8 September 2016*

---

**Agenda Item 3: Performance Framework for Regional Air Navigation Planning and Implementation****3.4: CNS****AERONAUTICAL TELECOMMUNICATION PERSONNEL  
LICENSING IN CHINA***(Presented by People's Republic of China)***SUMMARY**

This paper presents information on the process of licensing of Aeronautical Telecommunication Personnel in China, including the regulations and the responsibilities of CNS/ATM system operational provider and the authority.

*Strategic Objectives:*

*A: **Safety** – Enhance global civil aviation safety*

**1. INTRODUCTION**

1.1 Aeronautical Telecommunication Personnel involved in the operation and maintenance of CNS/ATM systems is acquired certification in China.

1.2 Since 2009, Civil Aviation Administration of China (CAAC) drew series regulations and assorted normative documents to standardize the certification of Aeronautical Telecommunication Personnel, which is defined as Air Traffic Safety Electronics Personnel (ATSEP) by ICAO.

**2. DISCUSSION**

2.1 Aeronautical Telecommunication Personnel Licensing is based on Civil Aviation Communication, Navigation and Surveillance Working Rules (CCAR-115TM) and Administrative Regulations on CNS Equipment Maintenance Personnel (CCAR-65TM).

2.2 The assorted normative documents are several Administrative Procedures (AP) and Working Manuals (WM) are:

- CNS Equipment Maintenance Personnel Licensing Management (AP-65I-TM-2015-01-R1)
- CNS Equipment Maintenance Personnel On-Job Training Management (AP-65I-TM-2015-02-R1)

- CNS Equipment Maintenance Personnel On-Job Training Agency Management (AP-115-TM-2015-01)
- License Theoretical Test Syllabus of CNS Equipment Maintenance Personnel (WM-TM-2012-002)
- On-Job Training Syllabus of CNS Equipment Maintenance Personnel (WM-TM-2013-001)

2.3 The responsibilities of CNS/ATM system operational provider and the authority are divided into three levels. The operational provider is response for the On-Job Training & Test and Application Organization. The regional administration of CAAC is response for the Theory & Practical test, Initial Verification & Same Domain Register Add Issue, and Inspection. CAAC headquarter is response for the License Issue, New Domain & Register Add Issue, Theoretical and On-Job Training Test Syllabus formulation, and On-Job Training Agency Management.

2.4 Certification of Aeronautical Telecommunication Personnel is divided into three domains and sixteen registers according to the CNS facilities.

Domain		Job Register
Communication	1	VHF、HF、Data-link
	2	VSCS、Rec
	3	AFTN、AMHS
	4	VSAT communication
	5	Data Communication
	6	Trunk Communication
	7	IT network
Navigation	1	DVOR/DME
	2	ILS/DME
	3	NDB/MK
	4	GBAS
Surveillance	1	PSR、SSR
	2	SUR
	3	MLT
	4	ADS-B
	5	ATS

### 3. ACTION BY THE MEETING

3.1 The Meeting is invited to note the information in this paper.

— END —