#### CNS/SG/2, Dakar, 22-25 May 2007

**WP/27** 

#### CNS Aspects of ICAO Universal Safety Oversight Audit Programme (USOAP)

# Audit Protocol – AIR NAVIGATION SERVICES (ANS)

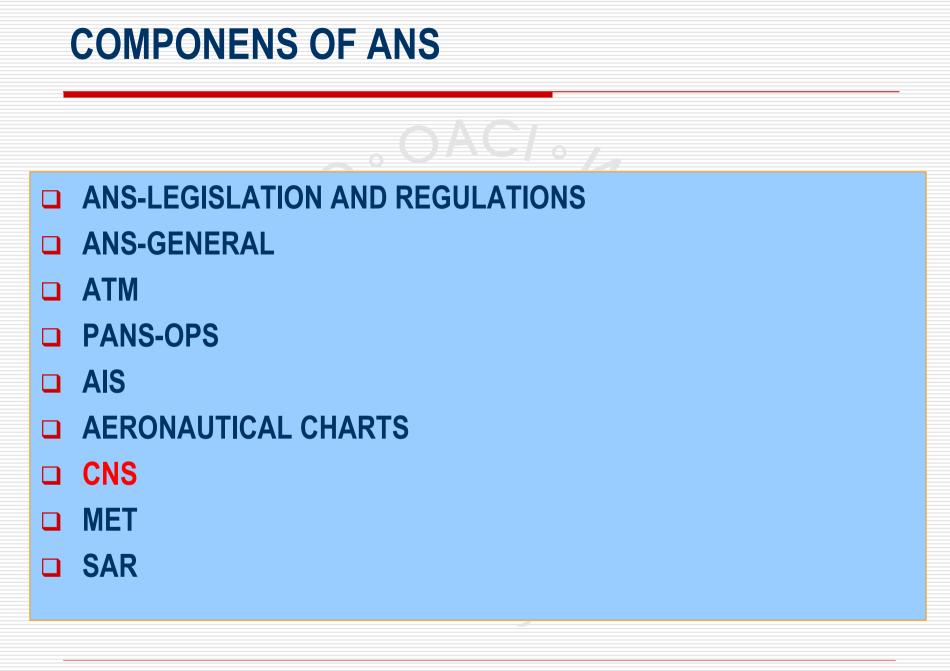
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- **EXAMPLE OF EVIDENCES WHICH MAY BE REQUIRED**

#### ICAO reference material related to the ANS protocol

- Convention on International Civil Aviation- Doc 7300
  Annex 1, 2, 3, 4, 5,10,11,12,13,15
- Manual on the Implementation of a 300 m (1 000 ft) Vertical Separation Minimum Between FL 290 and FL 410 Inclusive -Doc 9574
- Regional Supplementary Procedures-SUPPS (Doc 7030)
- Air Traffic Services Planning Manual (Doc 9426)
- **RNP** Manual
- PANS-OPS Manual
- AIS Manual
- RMA Manual
- □ Handbook on Radiofrequency Spectrum (Doc 9718)



#### **COMPONENS OF ANS**

**ANS-LEGISLATION AND REGULATIONS** 

- ARTICLE 28 OF THE CHICAGO CONVENTION
  PROVISION OF FACILITIES AND SERVICES
- ARTICLE 25 OF THE CHICAGO CONVENTION
  ASSISTANCE TO AIRCRAFT IN DISTRESS
- INTERCEPTION PROCEDURES
- REGULATIONS FOR IMPLEMENTATION OF ICAO PROVISIONS
- AMENDMENT PROCESS/ NOTIFICATION OF DIFFERENCES
- DISSEMINATION OF SAFETY CRITICAL INFORMATION

# **COMPONENS OF ANS ANS-GENERAL ORGANIZATIONAL STRUCTURE OF ANS** ACCOUNTABILITY **ESTABLISHMENT OF SAFETY OVERSIGHT SYSTEM DEVELOPMENT OF HANDBOOK/MANUAL FOR INSPECTORATE STAFF** AVAILABILITY OF LATEST DOCUMENTS **HUMAN FACTORS PRINCIPLES MECHANISM FOR ELIMINATION OF DEFICIENCIES**

CNS/SG/2 - WP/27

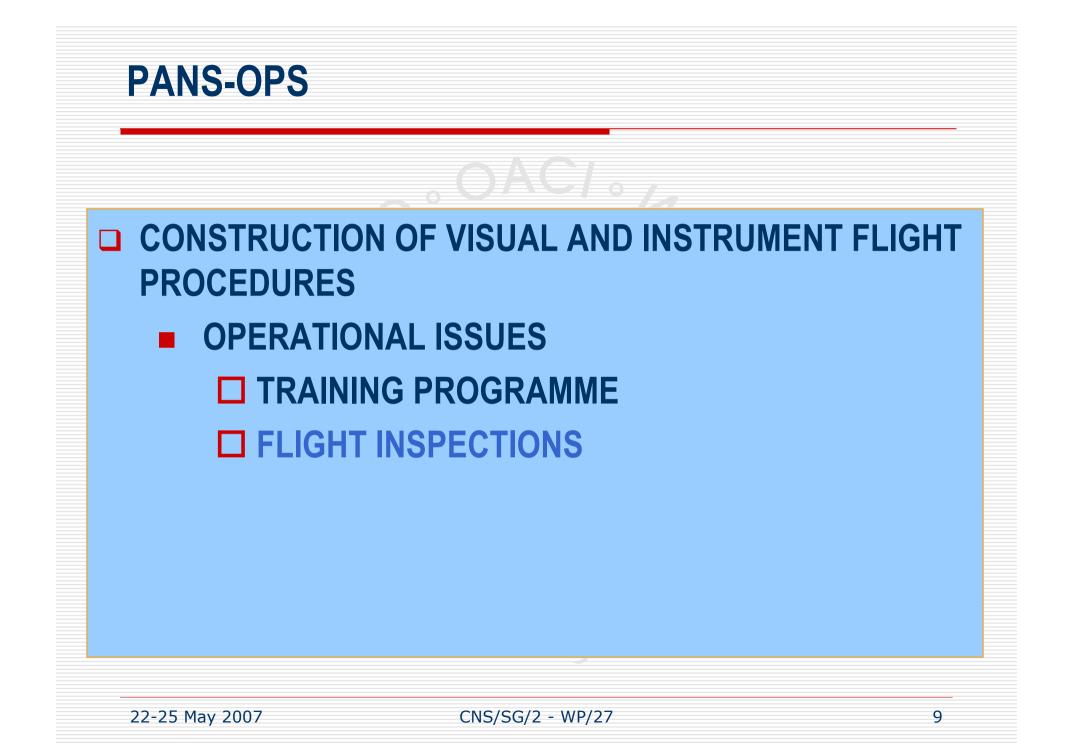
# **COMMON CONCERNS**

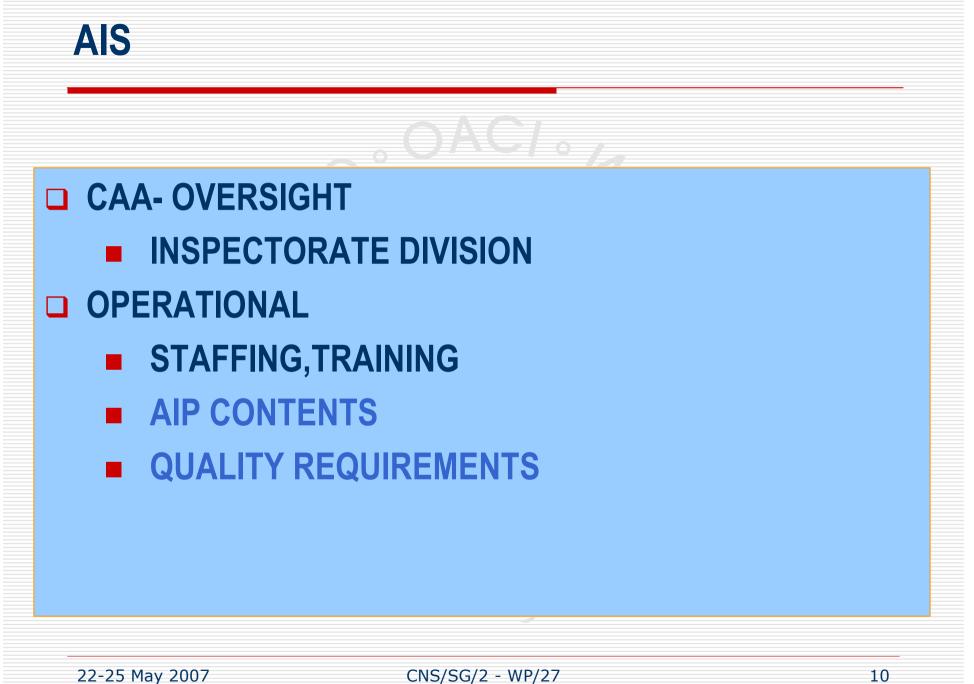
- SAFETY OVERSIGHT MECHANISM TO OVERSEE SERVICE PROVISION FUNCTIONS
- □ AN INSPECTORATE DIVISION
- **TRAINING/STAFFING ISSUES**
- AVAILABILITY OF PROCEDURES/ DOCUMENTS/ AMENDMENT PROCESS ETC...
- ESTABLISHMENT OF A SAFETY PROGRAMME AND SAFETY MANAGEMENT SYSTEM (SMS) AT LEVEL OF SERVICE PROVIDER(S)
- **QUALITY SYSTEM**

#### ATM

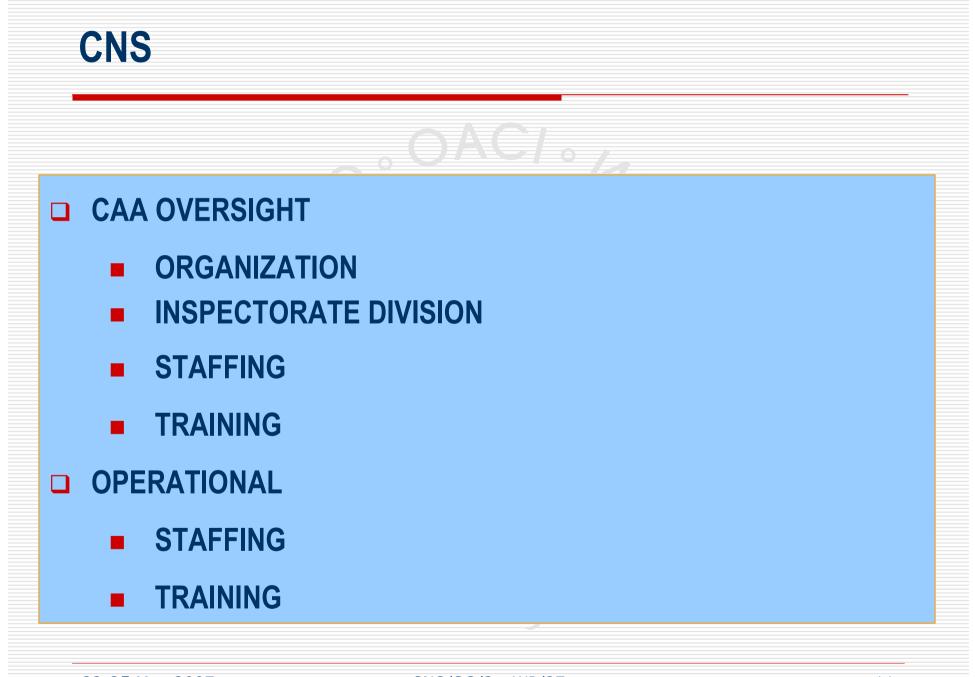
### AIR TRAFFIC MANAGEMENT- OPERATIONAL

- PERSONNEL
- IMPLEMENTATION
- REQUIREMENTS FOR CO-ORDINATION, COMMUNICATION AND INFORMATION
- EMERGENCY EVENTS AND CONTINGENCY PLANNING
- SAFETY MANAGEMENT





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## **EXAMPLES OF EVIDENCES TO BE REVIEWED**

#### **CONFIRM AVAILABILITY OF:**

- REGULATIONS
- MANUAL
- HANDBOOK
- PROCEDURES
- ETC...

REMEMBER: SHOW ME AND I OWE YOU (IOU) PRINCIPLES. NO EVIDENCE PROVIDED WILL RESULT IN A FINDING

# **EXAMPLES OF EVIDENCES TO BE REVIEWED** □ ANS 7.030: Has the State established a procedure for formulation and distribution of guidance material on civil air navigation regulation to ANS providers and operators? □ Evidence to be reviewed: Verify procedures have been established for the formulation and distribution of guidance material on civil air navigation regulations to ANS providers and operators **Review effectiveness of its implementation and its** application □ REMEMBER: SHOW ME AND I OWE YOU (IOU) PRINCIPLES. NO EVIDENCE PROVIDED WILL RESULT IN A FINDING

## **ACTION BY THE CNS SUB-GROUP**

- TO INVITE STATES TO FULLY COOPERATE IN THE IMPLEMENTATION OF USOAP AUDITS BY:
  - SUBMITTING
    - □ State Aviation Activity Questionnaire (SAAQ)
    - Compliance Check Lists
  - PREPARING ON-SITE AUDIT MISSIONS

 TO REQUEST STATES TO ANTICIPATE REQUIRED ENHANCEMENTS TO CAAs SAFETY OVERSIGHT CAPABILITIES, INCLUDING ESTABLISHMENT OF MECHANISMS TO RESOLVE DEFICIENCIES IN THE ANS/CNS FIELD.

