ICAO Deliverables in support of NGAP

Henry Defalque - Technical Officer, Flight Operations Section, ICAO
Objective

The objective is to provide an overview of on-going work to propose new or amended provisions in ICAO Standards and Recommended Practices, Procedures for Air Navigation Services and guidance material in support of the NGAP initiative.

To provide the expected timeline for those provisions.
Reminder – ICAO hierarchy of provisions

Standards (Annex core text and Appendices)

- Recommended Practices (Annex core text and Appendices)
  - Procedures for Air Navigation Services (PANS)
  - Guidance material (Annex Attachment and Notes; Manuals (Documents) and Circulars)
Outline

Annex 1 – *Personnel Licensing* amendment

PANS-TRG new provisions

- Aircraft Maintenance Technician
- Evidence-Based Training
- Flight Crew (pilot)
- Air traffic Controller
- Other

Supporting guidance material
Annex 1 – *Personnel Licensing* Amendment

Minor changes in Annex 1 to:

- Broaden the scope of “Approved training” and “Approved training organization”
- Introduce “threat and error management” knowledge and skill requirements for air traffic controllers, aircraft maintenance technicians and dispatchers
- Make minor editorial updates to references

**Target for applicability: 17 November 2011**
Outline

Annex 1 – Personnel Licensing amendment

PANS-TRG new provisions
  • Aircraft Maintenance Technician
  • Evidence-Based Training
  • Flight Crew (pilot)
  • Air traffic Controller
  • Other

Supporting guidance material
**PANS-TRG new provisions – ITQI**

- Competency-based training for aircraft maintenance technicians
- Evidence-based training for flight crew

**Project Oversight Group**
- IATA
- OPC

**Executive Sponsor**

**Project Sponsor**

**E&M Group**

**FO Group**

**E&M Task Forces**

**Core IATA Team (CIT)**

**FO Task Forces**

**Key Industry Stakeholders** including FAA, EASA, TC, OEMs, RAeS, IFALPA

NGAP Symposium – Montreal
A new chapter to include:
• Definitions and description of training paths
• Principles, procedures and guidance applicable to the design, development and implementation of a CBT course for AMT
• Competency units, competency elements and performance criteria (3 competency frameworks)
• Examples of training objectives

Target for applicability: 31 December 2010
A new chapter in PANS-TRG, for evidence-based training of flight crews, including:

- Definition of EBT and a description of the concept
- Procedures for the design, approval and oversight of EBT programmes
- Examples of training objectives

And updated qualifications for instructors, evaluators & inspectors

Target for applicability: 31 December 2011
PANS-TRG new provisions – Flight Crew, ATC, Other – Competency-based Training

New chapters in PANS-TRG, for competency-based training of:
- Flight crew (pilots and flight engineers)
- Designated Medical Examiners
- Air traffic Controllers
- Dispatchers

Target for applicability
- Flight crew (pilots and flight engineers): End 2013
- Designated Medical Examiners: 31 December 2011
- Air traffic Controllers: ???
- Dispatchers: ???

No in-house resources
Outside SME to be identified
Outline

Annex 1 – *Personnel Licensing* amendment
PANS-TRG new provisions

- Aircraft Maintenance Technician
- Evidence-Based Training
- Flight Crew (pilot)
- Air traffic Controller
- Other

Supporting guidance material

ICAO-NET
http://www.icao.int/icaonet
New/updated guidance material is being prepared:


• 2nd edition of Doc 9841 (Manual on the Approval of Flight Crew Training Organizations) — End 2010

• A new manual on Evidence-Based Training programmes — End 2011

• Ctd…
Supporting guidance material (ctd...)

New/updated guidance material is being prepared:


- Ctd...
Supporting guidance material (ctd…)

New/updated guidance material is being prepared:


• A new edition of Doc 9375, the *Training Manual on the Technical Instructions for the Transport of Dangerous Goods*
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--- Thank you ---