Introduction to EASA and the future Safety regulation of aviation MET services

and

the European General Aviation Safety Team (EGAST)

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ICAO/WMO User Consultation Workshop on MET service for LLF

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The European Aviation Safety Agency is the centrepiece of the European Union’s strategy for aviation safety.

- Operational since 28 September 2003
- Offices in Cologne, Germany since November 2004
- Independent legal status
EASA Mission and tasks

- **Mission:**
  - promote the highest common standards of safety and environmental protection in civil aviation.

- **The main tasks of the Agency originally included:**
  - Rulemaking: drafting aviation safety legislation and providing technical advice to the EC and to the Member States;
  - Inspections, training and standardisation programmes to ensure uniform implementation of safety legislation in all Member States;
  - Type-certification of aircraft, engines and parts;
  - Approval of aircraft design organisations world-wide and of production and maintenance organisations outside the EU;
  - Coordination of Safety Assessment of Foreign Aircraft (SAFA);
  - Data collection, analysis and research to improve aviation safety.
EASA Remit

• Initial EASA Basic Regulation 2003
  Focussed on Initial and continued Airworthiness

• 1st remit extension 2008

• 2nd remit extension 2009
  Aerodromes, air traffic management & air navigation services
EASA Essential Requirements for MET SPs

(i) have the means necessary for the service
(ii) develop management and OPS manuals
(iii) implement a risk-based management system
(iv) use only suitably qualified and trained personnel
(v) establish formal interfaces with all the other contributors to the service provision
(vi) establish a contingency plan
(vii) establish accident and incident prevention and safety programme including occurrence reporting and analysis
(viii) verify safety requirements of systems and constituents they operate
The European Strategic Safety Initiative

- 10 year programme (2006-2016) aimed at improving aviation safety in Europe, and for the European citizen worldwide
- Partnership, with more than 150 organisations
- Powered by industry and facilitated by EASA
- In line with the ICAO GASRM - 2006
ESSI: European Strategic Safety Initiative
ECAST: European Commercial Aviation Safety Team
EGAST: European General Aviation Safety Team
EHEST: European Helicopter Safety Team

ESSI:
- ECAST (European Commercial Aviation Safety Team)
- EHEST (European Helicopter Safety Team)
- EGAST (European General Aviation Safety Team)

ECAST:
- SMS WG (Safety Management System)
- Analysis Team
- Ground Safety
- EHSIT (Core Team)

EHEST:
- EHSAT (Core Team)
- Sub-group on Communication

EGAST:
- Data Sub-group

Regional Teams

ESSI:
- ECAST
- EHEST
- EGAST

Contact:
- ECAST Contact
- EHEST Contact
- EGAST Contact

Map of Europe
Accidents in General Aviation (aeroplanes) in 2008 in Europe for Aircraft of less than 2250 kg MTOM.
EGAST

Objective:

- EGAST promote and initiate for all sectors of General Aviation best practices and awareness in order to improve safety.

Work-packages:

- Risk awareness and decision making enhancement.
- Proactive Safety: The analysis of today accidents and incidents may not reveal the risks of tomorrow. Identify emerging and future risks for GA.
- General Aviation Safety data: The team will facilitate and encourage the sharing of data.
EGAST

• Safety promotion
  - Video - Back side of the power curve
  - Video - Loss of visual references (entry in IMC)
  - Leaflet - Collision Avoidance

• Coordination with EASA Research
  - Safety Spin Resistance Concept
  - Safety Implication of Biofuels in Aviation

• Identification of future risks for GA

http://www.easa.europa.eu/essi/EGAST_1.htm
EASA Conference

- International Air Safety & Climate Change Conference (IASCC) 8-9 September 2010 in Cologne, Germany
  - Call for Paper available on EASA Website
Contacts and links

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