

CASSOS

Partnership in Multi-National
Technical Safety Improvement
Initiatives

FIVE CASSOS INITIATIVES

- RNAV Applications, Standards and Procedures
- RNP Applications, Standards and Procedures
- Safety Enhancements and Accident Reduction
- ECCAIRS Safety Reporting
- Safety Initiatives

CASSOS Safety

■ RNAV

- Standards, Guidance Material, to be harmonized, aim for using hemispherical standard, possibly global
- Fleet survey and database
- En-route airspace rules, hinterland development
- Route designations, benefit cost studies
- Air Traffic considerations, Obstacle clearance
- ADS potential
- Encouraging use of RNAV, closing obsolete systems
- Education of Industry, encouragement of retrofits
- 5, 10, 20 year planning ATC, COM, ANS, AIS, REGS

Desired CASSOS Initiatives

■ RNP

- Fleet surveys
- Standards and Guidance, harmonized, hemispherical, possibly global
- Airspace, Obstacle clearance WGS 84 database
- Air Traffic Control Systems and Training
- Industry training
- Regulator training
- Certification and Quality Control Issues
- 5, 10, 20 year transition planning

CASSOS Safety Initiatives

- Analysis of ECCAIRS data
- Recommendations to be made from ECCAIRS databases regarding:
 - Air Carrier occurrences
 - GA occurrences
 - Human Factors occurrences
 - TCAS/ACAS occurrences
 - ALAR/CFIT occurrences
 - Mechanical occurrences
 - Other occurrences

CASSOS Safety Initiatives

■ TRAINING OF INDUSTRY

- Mandatory ALAR/CFIT and Runway Safety Training
- Mandatory Human Factors Training
- Operational Security Training
- Restructuring basic training courses to integrated model
- Unapproved parts training
- Mandatory Safety Management Training
- Mandatory Risk management training
- Use of Web based communications and training
- Mandatory installation of 406 mhz Emergency beacons

CASSOS Safety Initiatives

- CASSOS encourages setting safety goals
- CASSOS may assist with investigation, reporting and analysis (ECCAIRS analysis)
- CASSOS encourages FOQA
- CASSOS encourages LOSA
- CASSOS encourages Members to aim for ISO 9001-2000 certification of CAAs
- CASSOS members will require SMS implementation by all certificate or approval holders (AOC, AMO, ATS, CNS, AIS, MET, AGA)

CASSOS Safety Initiatives

- CASSOS Regional SMS Manual developed
- CASSOS Regional Risk Management Manual developed
- CASSOS continues to facilitate safety management and risk management training for all inspectors and managers in CAAs and for all operators and service providers and expects to assist States in SSP development
- CASSOS encourages adoption of integrated flight training programs for all flight crew licenses and ratings
- CASSOS will endeavour to facilitate barrier free access for Specialty Air Services (all aerial work and flight training): new rules and recognition of common certification standards ties in with open skies and single market concepts.
- CASSOS wants single upper level Caribbean airspace

CASSOS Initiatives

■ SAFETY REPORTING

- Members data bases will be readable by CASSOS
- Common databases: ECCAIRS, CASORTS
- Analysis and Recommendations to CASSOS Board will be the basis for directed safety initiatives in region
- ICAO has conducted ECCAIRS training in region
- Two Members already using ECCAIRS, others starting to enter data.
- Only one Member has not been trained in ECCAIRS
- All Members to be using CASORTS by mid 2009.