

# ***SMS within ATOs***

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# Introduction

- Types of ATOs
- Example “Complex ATO”
- Risk Management in our ATO
- Risk Management Process
- Example for Hazard Identification and Risk Assessment
- Counter Measures
- Outlook and Development Steps



# Types of ATOs

- Regulation Aircrew distinguishes between
  - Non-Complex ATOs  
[Small, LAPL, PPL etc.] and
  - Complex ATOs  
[require Safety Manager, Safety Review Board, a Safety Policy & Risk Management acc. AMC1 ORA.GEN(a)(1); -(2) & -(3)]



## Example: LAT OPS DE ATO

- LAT ATO DE.ATO.007 is approved for:
  - Type rating and instructor training for 15 different MPA-types from Airbus, Boeing and Bombardier
  - Combinations of type rating- and operator related training courses
  - More than 200 Instructors for all types
- Risks: Incomplete or incorrect trainings and all possible consequences



# Risk Management in our ATO

- Risk management processes acc. ORA.GEN.200
- OMM used for assuring necessary alignment of AoC- and ATO-processes
- "MyWetScript" (checklist for evaluation of customer requirements also used as basis for risk evaluation)
- Cooperation agreements acc. ORA- or ORO.GEN.205





# Risk Management Process

- Training conference with customer airline is mandatory
- “MyWetScript” forms basis for risk evaluation
- ORE if deemed necessary
- Cooperation agreement with clearly outlined areas of responsibility for customer airline and ATO



# Example for Hazard Identification and Risk Assessment

- Non European B747 Cargo Operator
  - Training conference with detailed evaluation of customer needs
  - Evaluation of trainee target population
  - ORE
  - Regular update of data and exchange of information with customer
  - Standardisation of Instructors and Examiners including regular updates



# Counter Measures

- Selection of properly qualified and experienced Instructors; regular assessment of Instructors incl. customer feedback
- Standardisation of Instructors
- Development of customer specific training programs ("training phases") with milestones for achieved competences
- Regular exchange of information between customer and ATO regarding training
- Regular updates for involved Instructors





# Outlook and development steps

- Interface between Regulations Aircrew and Air Operations unclear regarding requirements for Instructors and Examiners
- Development of performance based regulation and guidance for development of suitable processes for hazard and risk identification and development of mitigating measures
- Link to SSP and EPAS



***THANK YOU***

