

FLIGHT SIMULATOR EVALUATION		
COSCAP-SA Reference	Course	20.0
Scope of training		This course provides an introduction to the EU requirements governing the qualification of FSTDs and their ongoing operation. The responsibilities of the Civil Aviation Authority (CAA) with regard to oversight procedures and CAA standardisation are covered, as well as the requirements applicable to the operator for FSTD qualification. The course covers all aspects of the fixed wing and rotary wing FSTD evaluation process and Compliance Monitoring System audits. All types of FSTD are covered, from the generic Flight Navigation Procedural Trainer (FNPT) through to the fully type-specific Full Flight Simulator (FFS).
Objectives of the course		By the end of this course delegates will, through presentations and facilitated exercises, have an understanding of the following and be able to competently apply judgement against : <ul style="list-style-type: none"> • Regulatory requirements: How these govern the qualification and operation of FSTD and how to assess • Compliance Monitoring Systems (CMS): The essential elements of an effective CMS for FSTD operation • The different FSTD types and levels of qualification • The FSTD evaluation process • The content of a Qualification Test Guide (QTG)
Course duration		3 days
Recommended participant profile		Delegates should have a high level understanding of the content of the EU Aircrew Regulation Part-ARA & Part-ORA as applicable to FSTDs, and the associated EASA Certification Specifications, CS-FSTD(A) & CS-FSTD(H)
Key topics		<ul style="list-style-type: none"> • The structure and content of the EU regulations as they apply to FSTD qualification • NAA responsibilities and FSTD operator responsibilities • CMS documentation and procedures, the FSTD CMS lifecycle • Fixed wing and rotary aircraft FSTDs, the requirements for each type and the levels of qualification, training considerations • Initial, recurrent and special evaluations, the evaluation team, the conduct of an evaluation, the objective evaluation process, the subjective evaluation process • The structure and content of a QTG, validation tests, FSTD data sources, the Validation Data Roadmap, the Master QTG (MQTG) and MQTG approval
Method of delivery		Classroom training includes PowerPoint presentations, case studies, group exercises and group discussions to facilitate the learning.
Maximum participants		16
Logistical requirements requested from host state		Classroom training: projector and screen, a flip chart with marker pens, U shaped class layout.