



NEW ANI COURSE IN 2008

FLIGHT OPERATIONS AWARENESS FOR PROCEDURE DESIGNERS

Instructor: Alex Hartland - Tuition Fee: 1500 Euro - Location: Interlaken/Switzerland - Course Dates: October 20-24, 2008

Course Objective: To provide aircraft operations knowledge to PANS-OPS procedure designers including new developments in aircraft systems and associated operational regulations, e.g. EU-OPS/JAR-OPS.

Many Flight Procedure Designers come from another background than Flight Operations and therefore lack a fundamental understanding of flying basics, cockpit instruments, visual minima, approach lighting systems etc. This course was designed to fill that gap in a comprehensive manner. Alex Hartland has a wide background as an Airline Pilot, Flight Examiner, Flight Operations Specialist for the UK CAA and he is also a fully trained and active Flight Procedure Designer.

The rundown of the course will be as follows:

Day 1 How pilots fly instrument procedures	Day 2 Aerodrome Operating Minima	Day 3 Understanding Low Visibility Operations	Day 4 New Instrument Flight Systems	Day 5 A new system of Aerodrome Operating Minima
The use of mechanical and glass cockpit instruments	The need for Aerodrome Operating Minima	Cat. II, Cat. III, Auto-land, Low Visibility Take-Off, Guided Take-Off	Head Up Displays in approach and landing operations	Overview of NPA-OPS 41 changes to JAR-OPS method of calculating minima
Procedures addressed: Take-off, NDB, VOR, ILS, RNAV, Missed Approach	Understand fog, RVR and slant visibility	Low Visibility Procedures, Protection of ILS/MLS signal-in-space	Enhanced Vision Systems	Interaction of minima and aerodrome infrastructure and how this can limit operations
	Instrument Approach Lighting		GPS Landing Systems	
	Restrictions on attempting an Instrument Approach		Synthetic Vision Systems	
	Calculating Aerodrome Minima			

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For organizing this course as an onsite venue, please specify the intended number of students and requested period of time. ANI will provide a quote based on availability of the instructor.