

IMPLEMENTATION OF KSA INTO TRAINING MANUAL

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- **AMC2 ORA.ATO.230(a) Training manual and operations manual**
- THEORETICAL KNOWLEDGE COURSE DESIGN REQUIREMENTS
- An ATO that delivers theoretical knowledge instruction for professional pilot licences should ensure that:
 - (a) the courses are designed and developed using the instructional systems design (ISD) methodology, which is supported by a robust and effective management system;
 - (b) the courses include a standardised and dynamic assessment and testing system;
 - (c) instructors that deliver KSA instruction have received appropriate training covering at least learning styles, teaching methods, facilitation techniques, threat and error management (TEM), the applicable competencies, and the content of the subject(s) and exercises that they are to deliver;
 - (d) the recurrent training of instructors is conducted at least annually;
 - (e) the instructors that are responsible for assessing Area 100 KSA have received appropriate training regarding the assessment(s) that they are to conduct, and are to be standardised to ensure that the assessment grades awarded are consistent across the ATO; this standardisation should include at least familiarisation with the performance indicators, the ATO's word pictures for grading, and the ATO's debriefing system; and
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Wherever possible, new course elements should be included in annexes or appendices to allow for ease of updates

GM3 ORA.ATO.230(a) Training manual and operations manual AREA 100 KSA EXERCISES AND ASSESSMENTS

- (c) The exercises and formative and summative assessments may include but not be limited to: scenario planning exercises combining multiple subjects; practical exercises using training devices (where available); oral communication exercises; written assignments and/or project work; discussions; the preparation and delivery of group or individual presentations and discussions; and enable scenario-based content and individual, pair or group situation(s).
- (d) The type of assessment and the environment should be recorded in the ATO's training plan.'

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AREA 100 KSA EXERCISES



Course	ATPL	Lesson	KSA 100
Lesson Title	Scenario flight Stansted to Larnaca	Location	classroom
Duration	2.0 hrs		
Prerequisites	Meteorology lessons 1-12 Flight Planning lessons 1-5		
Training Materials	1. Paper based prepared scenario 2. TKI		
Lesson Objectives	1. To become competent at identifying threats to flight safety		
Performance Standard	Level 3 The student showed most of the relevant performance indicators to a good standard.		
Content			
1. Plan a flight from Stansted to Larnaca given relevant MET NOTAMS and Mass & Balance data 2. Conduct all preflight checks IAW FCOM 3. Identify unservicabilities as injected by TRI 4. Load FMS 5. Conduct start, taxi take-off and climb to cruise procedures 6. Identify unservicabilities as injected by TRI-TKI 7. Respond to ATC instructions as injected by TRI-TKI 8. Correctly carry out Engine Fire procedures 9. Correctly carry out engine failure procedures 10. Correctly identify safe forced landing area 11. Correctly carry out emergency landing/ditching procedures 12. Correctly carry out emergency evacuation procedures			

- (c) The exercises may include but combining multiple devices (where a written assignment preparation and and discussions; individual, pair or
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Appendix 39

ATPL Subject	Ref No	Date	CTKI Signature
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Standardisation checks

Date	Subject	CTKI Signature	Validity
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KSA Training

Date	Qualification Instructor/Examiner	CTKI Signature	Validity
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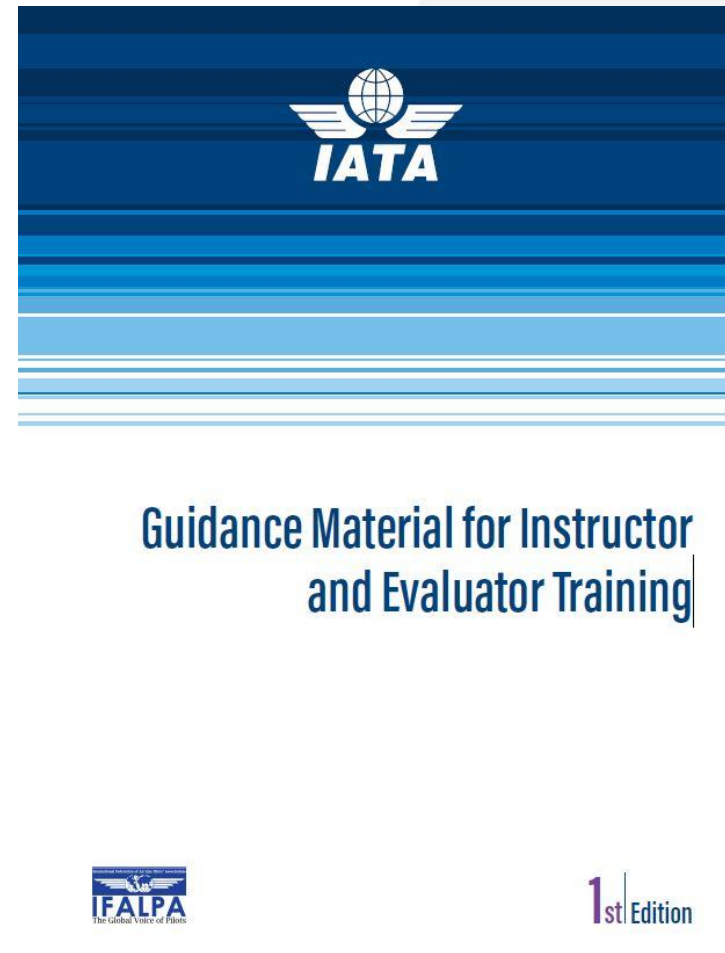
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This can be accommodated by incorporating the guidelines contained in “Guidance Material for Instructor and Evaluator Training” issued by IATA



Appendices for TKI checks

- The forms used for TKI checks can be amended to be used for KSA delivery or examination.



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Name:	Course:	Check Date:			
Start Time:	Finish Time:	Total Time:			
Subject:	Topic:				
Sample grading scale to grade competencies					
Pilot- or instructor competency X	Grade	Observable behaviors (OBs) of the competency, were applied			Amount of instructor intervention*
		How well	How often	How many	More or less than planned
	1				
	2				
	3				
	4				
	5				
Overview and Recommendations:					
New Expiry Date					
Instructor Under Check:	Chief Ground Instructor:	Head of Training:			
Signature:	Signature:	Signature:			
Date:	Date:	Date:			





ANY QUESTIONS?



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