

## MODULE 12 – HELICOPTER AERODYNAMICS, STRUCTURES AND SYSTEMS

### INTRODUCTION

Resource Group Aviation Technical Training in cooperation with AESC delivers EASA Examinations for obtaining EASA Aircraft Maintenance License, which could be done for B1.3 category.

Two packages available as follows:

- Examination session
- Examination session + Manual

### DESCRIPTION

The EASA Module 12 Examination is in line with the international quality and procedural standards for the training of maintenance personnel as laid down in [EASA](#).

Examination will be carried out using the multi-choice question format and essay questions, in accordance with the standard defined in [Appendix I](#) and Appendix II.

Participants will receive a Part-147 Certificate of Recognition upon successful completion of the module course and related examination.

### CONTENT

	A3	B1.3
<i>Theory of Flight — Rotary Wing Aerodynamics</i>	x	x
<i>Flight Control Systems</i>	x	x
<i>Blade Tracking and Vibration Analysis</i>	x	x
<i>Transmission</i>	x	x
<i>Airframe Structures</i>	x	x
<i>Air Conditioning (ATA 21)</i>	x	x
<i>Instruments/Avionic Systems</i>	x	x
<i>Electrical Power (ATA 24)</i>	x	x
<i>Equipment and Furnishings (ATA 25)</i>	x	x
<i>Fire Protection (ATA 26)</i>	x	x
<i>Fuel Systems (ATA 28)</i>	x	x
<i>Hydraulic Power (ATA 29)</i>	x	x
<i>Ice and Rain Protection (ATA 30)</i>	x	x
<i>Landing Gear (ATA 32)</i>	x	x

<i>Lights (ATA 33)</i>	x	x
	A3	B1.3
<i>Pneumatic/Vacuum (ATA 36)</i>	x	x
<i>Integrated Modular Avionics (ATA42)</i>	x	x
<i>On Board Maintenance Systems (ATA45)</i>	x	x
<i>Information Systems (ATA46)</i>	x	x

**DURATION**

In accordance with the standard defined in [Appendix I](#) and Appendix II.

**NUMBER OF QUESTIONS**

Category A: 100 multi-choice and 0 essay questions. Time allowed 125 minutes.

Category B1: 128 multi-choice and 0 essay questions. Time allowed 160 minutes.