

MODULE 5 – DIGITAL TECHNIQUES / ELECTRONIC INSTRUMENTS

INTRODUCTION

Resource Group Aviation Technical Training in cooperation with AESC delivers EASA Examinations for obtaining EASA Aircraft Maintenance License, which could be done for A1, A3, B1.1, B1.3 and B2 category.

Two packages available as follows:

- Examination session
- Examination session + Manual

DESCRIPTION

The EASA Module 5 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

	A	B1.1 B1.3	B2
<i>Electronic Instrument Systems</i>	x	x	x
<i>Numbering Systems</i>	-	x	X
<i>Data Conversion</i>	-	x	x
<i>Data Buses</i>	-	x	x
<i>Logic Circuits</i>	-	x	x
<i>Basic Computer Structure</i>	x	x	-
<i>Microprocessors</i>	-	-	x
<i>Integrated Circuits</i>	-	-	x
<i>Multiplexing</i>	-	-	x
<i>Fibre Optics</i>	-	x	x
<i>Electronic Displays</i>	-	x	x
<i>Electrostatic Sensitive Devices</i>	x	x	x
<i>Software Management Control</i>	-	x	x
<i>Electromagnetic Environment</i>	-	x	x
<i>Typical Electronic/Digital Aircraft</i>	-	x	x



Systems



DURATION

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

NUMBER OF QUESTIONS

Category A: 16 multi-choice and 0 essay questions. Time allowed 20 minutes.

Category B1.1 and B1.3: 40 multi-choice and 0 essay questions. Time allowed 50 minutes.

Category B2: 72 multi-choice and 0 essay questions. Time allowed 90 minutes.