

# Airworthiness Procedure

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SUBJECT: *Procedures and Basis for MAR-66 Aircraft Maintenance Engineer Licence Examinations*

## 1. Introduction

- 1.1 Paragraph 11(1) of the ANRM, as revised by Aeronautical Circular (AC) with ref. AC/AW/006R00 issued 30 June 06, establishes that the Civil Aviation Authority may grant aircraft maintenance engineer licences, subject to such conditions as it thinks fit, upon it being satisfied that the applicant is a fit person to hold the licence and has furnished such evidence and passed such examinations and tests as the Civil Aviation Authority may require of him for the purpose of establishing that he has sufficient knowledge, experience, competence and skill in aeronautical engineering. The MAR-66 specifies the examination standard to be used by the Civil Aviation Authority when conducting all basic examinations.
- 1.2 The purpose of this Airworthiness Procedure (AP) is to specify the basis and procedures to be used for MAR-66 Aircraft Maintenance Engineer Licence (AMEL) Examinations.

## 2. Basis for examinations

- 2.1 Unless stated otherwise in Para 8, all examinations must be conducted under the control of the Civil Aviation Authority.
- 2.2 All basic examinations are carried out using the multi-choice question format to ensure a reasonable consistent standard of knowledge. Questions are prepared with the use of aviation English.

## 3. Conversion standards

- 3.1 Whilst MAR-66 does not require certifying staff qualified based on regulation prior to MAR-66 implementation to convert to the full MAR-66 requirement other than in the case of a new Basic Category or Sub-category, there will be many such certifying staff who volunteer to convert. It is therefore essential that a conversion examination standard is established.
- 3.2 The basis for any required conversion examinations for those qualified certifying staff who need to convert to the MAR-66 standard or who volunteer to convert is specified in Appendix No. 1 of this AP.

#### **4. Exemptions from MAR-66 AMEL examinations**

- 4.1 The holder of a MAR-66 AMEL in one or more Categories/Sub-categories, when applying for extension to include other Categories/Sub-categories, will be granted exemptions from those modules which form part of the examinations for the Categories/Sub-categories already held. Examinations required for extensions to include another Basic Licence Categories/Sub-categories are detailed in Appendix No. 3 of this AP.
- 4.2 The holders of the foreign licences, when applying for the grant of a MAR-66 AMEL in a basic Category/Sub-category or any extension to it, may be granted exemptions from part or all of the MAR-66 AMEL examinations. The required modules and/or subjects that have to be taken by the foreign licence holders are shown in Appendix No. 2 of this AP.
- 4.3 Holders of an aircraft maintenance engineer licence issued by an aviation authority other than the licences listed in Appendix No. 2 can apply to the Personnel Licensing Office of Civil Aviation Authority for exemptions. A copy of the relevant aviation requirements detailing the aircraft maintenance engineer licensing system and its syllabus should be submitted with the application form for assessment. It will take at least one month for Civil Aviation Authority to complete each exemption assessment after all the required foreign licensing documents are received.

#### **5. Format, timeframe and pass standard for basic examinations**

- 5.1 As the MAR-66 basic category modules contain varying numbers of subjects and different levels dependant upon the MAR-66 AMEL category each module will require a different number of multi-choice questions. A module is defined as any one of the 17 subject modules specified in MAR-66 Section 2 Appendix No. 1.
- 5.2 The basic examination consists of one part only, multi-choice.
- 5.3 The multi-choice of the basic examination is further divided into modular examination papers. Each modular examination paper consists of multi-choice questions from the respective module. The pass mark for each multi-choice examination modular paper is 75% with no penalty marking.
- 5.4 Each multi-choice question has 3 alternative answers of which only one of them is the correct answer and the candidate is allowed the time specified in Para 6 per module which is based upon a nominal average of 75 seconds per question.
- 5.5 All MAR-66 modules that make up a complete MAR-66 aircraft maintenance engineer licence Category or Sub-category must be passed within a 5 year time period of passing the first module except in the case specified in the below Para 5.6. An applicant who fails any examination twice within a ninety day period may not re-sit that examination until ninety days after the date of the last failed examination, except in the case of a MAR-147 approved training organisation which conducts a course of

re-training tailored to the failed module and the failed module may be retaken after 30 days.

- 5.6 The 5 year time period specified in the above Para 5.5 does not apply to those modules which are common to more than one MAR-66 AMEL Category or Sub-category and which were previously passed as part of another such Category or Sub-category.

## **6. Number of multi-choice questions and time allowed for the MAR-66 Section 2 Appendix No. 1 Modules licence**

- 6.1 Subject: Module 1 Mathematics :-

A - 16 multi-choice questions. Time allowed 20 minutes.  
B1 - 30 multi-choice questions. Time allowed 40 minutes.  
B2 - 30 multi-choice questions. Time allowed 40 minutes.

- 6.2 Subject: Module 2 Physics :-

A - 30 multi-choice questions. Time allowed 40 minutes.  
B1 - 50 multi-choice questions. Time allowed 65 minutes.  
B2 - 50 multi-choice questions. Time allowed 65 minutes.

- 6.3 Subject: Module 3 Electrical Fundamentals :-

A - 20 multi-choice questions. Time allowed 25 minutes.  
B1 - 50 multi-choice questions. Time allowed 65 minutes.  
B2 - 50 multi-choice questions. Time allowed 65 minutes.

- 6.4 Subject: Module 4 Electronic Fundamentals :-

A - None.  
B1 - 20 multi-choice questions. Time allowed 25 minutes.  
B2 - 40 multi-choice questions. Time allowed 50 minutes.

- 6.5 Subject: Module 5 Digital Techniques /Electronic Instrument Systems :-

A - 16 multi-choice questions. Time allowed 20 minutes.  
B1 - 40 multi-choice questions. Time allowed 50 minutes.  
B2 - 70 multi-choice questions. Time allowed 90 minutes.

- 6.6 Subject: Module 6 Materials and Hardware :-

A - 50 multi-choice questions. Time allowed 65 minutes.  
B1 - 70 multi-choice questions. Time allowed 90 minutes.  
B2 - 60 multi-choice questions. Time allowed 75 minutes.

- 6.7 Subject: Module 7 Maintenance Practices :-

A - 70 multi-choice questions. Time allowed 90 minutes.  
B1 - 80 multi-choice questions. Time allowed 100 minutes.  
B2 - 60 multi-choice questions. Time allowed 75 minutes.

- 6.8 Subject: Module 8 Basic Aerodynamics :-

A - 20 multi-choice questions. Time allowed 25 minutes.  
B1 - 20 multi-choice questions. Time allowed 25 minutes.

- B2 - 20 multi-choice questions. Time allowed 25 minutes.
- 6.9 Subject: Module 9 Human factors :-  
A - 20 multi-choice questions. Time allowed 25 minutes.  
B1 - 20 multi-choice questions. Time allowed 25 minutes.  
B2 - 20 multi-choice questions. Time allowed 25 minutes.
- 6.10 Subject: Module 10 Aviation Legislation :-  
A - 40 multi-choice questions. Time allowed 50 minutes.  
B1 - 40 multi-choice questions. Time allowed 50 minutes.  
B2 - 40 multi-choice questions. Time allowed 50 minutes.
- 6.11 Subject: Module 11 Aeroplane Aerodynamics, Structures and Systems :-  
A - 100 multi-choice questions. Time allowed 125 minutes.  
B1 - 130 multi-choice questions. Time allowed 165 minutes.  
B2 - None.
- 6.12 Subject: Module 12 Helicopter Aerodynamics, Structures and Systems :-  
A - 90 multi-choice questions. Time allowed 115 minutes.  
B1 - 115 multi-choice questions. Time allowed 145 minutes.  
B2 - None.
- 6.13 Subject: Module 13 Aircraft Aerodynamics, Structures and Systems :-  
A - None.  
B1 - None.  
B2 - 130 multi-choice questions. Time allowed 165 minutes.
- 6.14 Subject: Module 14 Propulsion :-  
A - None.  
B1 - None.  
B2 - 25 multi-choice questions. Time allowed 30 minutes.
- 6.15 Subject: Module 15 Gas Turbine Engine :-  
A - 60 multi-choice questions. Time allowed 75 minutes.  
B1 - 90 multi-choice questions. Time allowed 115 minutes.  
B2 - None.
- 6.16 Subject: Module 16 Piston Engine :-  
A - 50 multi-choice questions. Time allowed 65 minutes.  
B1 - 70 multi-choice questions. Time allowed 90 minutes.  
B2 - None.
- 6.17 Subject: Module 17 Propeller :-  
A - 20 multi-choice questions. Time allowed 25 minutes.  
B1 - 30 multi-choice questions. Time allowed 40 minutes.  
B2 - None.
- 6.18 Subject: Module 18 Reserved

## **7. Conduct of examinations**

- 7.1 The Civil Aviation Authority appoints examiners/invigilators who will be present during all examinations to ensure the integrity of the examination.
- 7.2 All examination papers will be handed out to candidates at the start of the examination and handed back to the invigilator at the end of the examination allotted time period. All papers, including rough work papers, are not allowed to be removed from the examination room during or after the examination allotted time period. A computer based examination will be another alternative.
- 7.3 Apart from specific documentation needed for specific examinations, only the examination paper may be available to the candidate during the examination.
- 7.4 Examination candidates are separated from each other so that they cannot read each other's examination papers and they may not speak to any person other than the examiner/invigilator.
- 7.5 Candidate who is proven to be cheating or breaching the examination rules will be banned from taking any Civil Aviation Authority examination for at least 12 months after the date of the incident.
- 7.6 Candidates are required to present the examination booking confirmation to the examiners/invigilators at least FIFTEEN MINUTES prior to the start of the examination. They are also required to prove their identities by producing acceptable identifications that include a photograph. Failure to prove the personal identification may result in candidates not being allowed to sit for the examination and forfeiture of the examination fee.
- 7.7 Failure to attend the scheduled examination sitting or late arrival will result in candidates not being allowed to sit and forfeiture of the examination fee.
- 7.8 All requests for changes to subject or sitting date must be received in writing by AACM at least five working days before the sitting date stated on the examination booking confirmation.
- 7.9 Use of mobile phone, camera and any other electronic devices are restricted during the examination except use of calculator in module 1 or module 2 examination with the permission from examiners/invigilators.
- 7.10 Candidates who choose to leave the examination room before examination finished who shall not be permitted to return to the room or resume the examination.
- 7.11 Candidates who do not follow the instructions of the examiners/invigilators will be asked to leave the examination and the examination results and fees will be forfeited.

## **8. Designated Examination Organisation**

- 8.1 In order to provide another alternative for the examination candidates. Hong Kong Aircraft Engineering Company Limited is a designated examination organisation which can carry out the examinations upon request.
- 8.2 When necessary, the AACM will refer examination candidates to Hong Kong Aircraft Engineering Company Limited in order to sit for the examinations upon the request from the applicants.
- 8.3 Candidates who request to be referred to sit for examinations in Hong Kong Aircraft Engineering Company Limited have to be aware of that regulations for Designated Examination Organisation may be different with the Conduct of Examinations mentioned as the above Para 7.
- 8.4 The AACM will recognise such an examination result for the purpose of issuing MAR-66 aircraft maintenance engineer licence.

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**ANRM 4<sup>th</sup> Schedule to MAR-66  
CONVERSION EXAMINATION REQUIREMENTS**

- 1 Conversion examinations are designed for ANRM 4<sup>th</sup> Schedule aircraft maintenance engineer licence holders who wish to convert to a FULL MAR-66 licence, where possible conversion examinations will cover complete MAR-66 modules or complete topics within a module. However, due to the complexity of comparing knowledge items between the ANRM 4<sup>th</sup> Schedule aircraft maintenance engineer licence, the MAR-66 syllabuses and the broadened scope of the Category B1 or B2 licence categories, it has been necessary to introduce specialised examinations within certain modules to cover a selected range of MAR-66 syllabus paragraphs.
  
- 2 Module 9 - Human Factors of MAR-66 is not required to be examined in all conversion examinations for those applicants who have attended an initial human factors training course approved or accepted by the Civil Aviation Authority. An applicant may elect to attempt the Module 9 examination if otherwise.
  
- 3 The conversion examination requirements for the ANRM 4<sup>th</sup> Schedule aircraft maintenance engineer licences of popular combination of major categories are shown in Table 1 below. Applicants holding ANRM 4<sup>th</sup> Schedule aircraft maintenance engineer licences with categories other than those listed should approach the Civil Aviation Authority for details of the conversion examination requirements

**Table 1**

AACM-AMEL Category & Group Obtained		MAR-66 Category	MAR-66 Modules and/or Topics Required for Conversion Examination	No. of Question
Category	Group			
A/C	4/4	B1.1	Module 4	20
			Module 5	40
			Partial Module 7 - Topics 7.4 & 7.7	16
			Partial Module 11 - Topics 11.5 & 11.14	30
A/C	6/5	B1.3	Module 4	20
			Module 5	40
			Partial Module 7 - Topics 7.4 & 7.7	16
			Partial Module 12 - Topics 12.7 & 12.15	30
E/I/R	3/3/1,2,3, 5,6 (Aeroplane)	B2	Partial Module 13 - Topics 13.1c), 13.3 (SAS only) & 13.8 (CS only)	25
E/I/R	2/2/1,2,3, 5,6 (Helicopter)	B2	Partial Module 13 - Topics 13.1c), 13.3 (SAS only) & 13.8 (CS only)	25

**Note:**

1. Abbreviation for ANRM 4<sup>th</sup> Schedule AMEL Licence Categories:

A4	AMEL Cat. A Group 4 - Turbine-powered and/or complex pressurised aircraft <i>e.g. Airbus A319/320/321 or Bombardier CL601-3A/3R</i>
A6	AMEL Cat. A Group 6 - Rotorcraft <i>e.g. Sikorsky, S76</i>
C4	AMEL Cat. C Group 4 - Turbo-jet and turbo-fan powerplants aeroplanes <i>e.g. IAE V2500 or GE CF-34</i>
C5	AMEL Cat. C Group 5 - Turbine powerplants installed in rotorcraft <i>e.g. Turbomeca Arriel</i>
E3/I3	AMAEL Cat. E Group 3 / Cat. I Group 3 - Turbo-jet and propfan aircraft <i>e.g. Airbus A319/320/321 w/ V2500 or Bombardier CL601-3A/3R w/CF-34</i>
E2/I2	AMAEL Cat. I Group 2 / Cat. I Group 2 - Complex pressurised aircraft and/or turbo-propeller aircraft. Complex rotorcraft <i>e.g. Sikorsky s76 w/ Arriel</i>
R1,2,3,5,6	AMAEL Cat R Group 1,2,3,5,6 - Communication systems; Audio systems; Navigation systems; Primary radar systems and Secondary radar systems. <i>e.g. Airbus A319/320/321 w/ V2500 or Bombardier CL601-3A/3R w/CF-34 or Sikorsky s76 w/ Arriel</i>

1. Abbreviation for examination topics:

SAS	Stability Augmentation System in helicopters
CS	Compass System

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**EXEMPTIONS FROM MAR-66 EXAMINATIONS**

1 Conversion examinations to FULL MAR-66 licence in Basic Category/ Sub- category

1.1 The holders of the following foreign licences, when applying for the grant of a MAR-66 Aircraft Maintenance Engineer Licence (AMEL) in a Basic Category/Sub- category or any extensions to it, will be granted exemptions from certain MAR-66 modules and/or partial modules. The required modules and/or partial modules to be taken by the foreign licence holder are shown in the following Para 1.3.

1.2 The foreign licence holder must fulfil the experience requirements stipulated in MAR 66.30(b) and the foreign licence being held must be valid on the date of application for the grant of a MAR-66 AMEL.

1.3 Required Examination(s) on MAR-66 Modules and/or Partial Modules:

Foreign Licence	In Categories / Sub-category	Convert to MAR-66 Categories / Sub-category	Required Examination(s) on MAR-66 Modules and/or Partial Modules
JAR-66/ EASA-66	A or B	A or B in relevant category / subcategory	Module 10 (40 MC)
HKAR-66	A or B	A or B in relevant category / subcategory	Module 10 (40 MC)
Australia CASA AMEL	A & C Type Rated in relevant Group/Type	B1	Module 4 (20MC) Module 5 (40MC) Module 9 (20 MC) Module 10 (40 MC) Partial Module 11 - Topics 11.5.2 (16 MC)
	E + I + R Type Rated in relevant Group/Type	B2	Module 9 (20 MC) Module 10 (40 MC)
New Zealand CAA AMEL	A & C Type Rated in relevant Group/Type	B1	Module 4 (20MC) Module 5 (40MC) Module 9 (20 MC) Module 10 (40 MC) Partial Module 11 - Topics 11.5.2 (16 MC)  Note: Module 9 will be exempted if the licence is issued based on syllabus dated 1 April 1997 or later revision.
	E + I + R Type Rated in relevant Group/Type	B2	Module 9 (20 MC) Module 10 (40 MC)  Note: Module 9 will be exempted if the licence is issued based on syllabus dated 1 April 1997 or later revision.

<b>Foreign Licence</b>	<b>In Categories / Sub-category</b>	<b>Convert to MAR-66 Categories / Sub-category</b>	<b>Required Examination on MAR-66 Modules and/or Partial Modules</b>
FAA	Airframe & Powerplant (A & P) Mechanic Certificate	B1.1	Module 4 (20MC) Module 5 (40MC) Module 9 (20 MC) Module 10 (40 MC) Partial Module 11 - Topics 11.5.2 (24 MC)
		B1.3	Module 4 (20MC) Module 5 (40MC) Module 9 (20 MC) Module 10 (40 MC) Partial Module 12 - Topics 12.1 to 12.4 & 12.7 (50 MC)
UKCAA	AMEL - LWTR	B1 or B2	Module 10 (40 MC) and Modules and topics required to be examined are subjected to the relevant licence category
CAAC CCAR-65	A+P Maintenance Personnel Licence	B1.1	Partial Module 3 - Topics 3.9 to 3.18 (40 MC) Module 4 (20 MC) Module 5 (40 MC) Partial Module 7 - Topics 7.4 & 7.7 (16 MC) Module 9 (20 MC) Module 10 (40 MC) Partial Module 11 - Topics 11.5, 11.6 & 11.14 (50MC)
	AV Maintenance Personnel Licence	B2	Partial Module 6 - All except topics 6.11 (40 MC) Module 9 (20 MC) Module 10 (40 MC) Partial Module 13 - Topics 13.4 (MLS, Doppler Navigation, GPS/GNSS, & ACARS only), 13.5, 13.6 & 13.8 (Fuel Quantity Indicating system, Windshear Detection and Warning system, Vibration Measurement and Indication only), 13.9 & 13.10 (40 MC) Module 14 (25 MC)
CAAC CCAR-66	A or B	A or B in relevant category / subcategory	Module 10 (40 MC)

- 2 Conversion examinations to RESTRICTED MAR-66 licence in Basic Category/Sub-category
  - 2.1 Notwithstanding the above exemption provided for conversion from a foreign licence to a full AMEL, Civil Aviation Authority is prepared to provide a relief to address the situation when the supply of equivalent full MAR-66 licensed engineers is limited and there is an urgent need for certifying staff from the industry.
  - 2.2 Provided the following conditions are met, newly recruited engineers can apply for the issue of a restricted AMEL in a Basic Category/Sub-category with limitation(s), and will be granted exemptions from certain modules and/or partial modules:
    - a. The newly recruited engineers must be qualified in accordance with any national aviation regulations subjected to Civil Aviation Authority being satisfied that such regulations result in a standard of qualification comparable with MAR-66. Concerned foreign licence must be valid at the time of applying for MAR-66 AMEL.
    - b. The application must be accompanied by a justification from the MAR-145 Approved Maintenance Organisation (AMO) indicating the urgent need for certifying staff and the AMO's commitment to provide training to facilitate the subsequent full basic licence conversion of the limited AMEL.
  - 2.3 The foreign licence holders when apply for the grant of a restricted AMEL Basic Category/Sub-category are required to take examinations on Human Factors and Aviation Legislation (two Multiple Choice papers on Module 9 & 10 respectively). The applicant will be advised accordingly about the limitations that apply to the Basic Category/Sub-category being sought once the application has been accepted.
  - 2.4 Once the applicant has successfully been issued with a restricted MAR-66 AMEL, the future conversion from this restricted licence to a full MAR-66AMEL will follow the guidance as per Appendix No. 1 of this AP.
  - 2.5 This restricted MAR-66 AMEL will be valid for a period of two years and it is not renewable.
  - 2.6 This relief is valid until 1 August 2010.

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**MAR-66 EXAMINATIONS FOR EXTENSIONS  
TO BASIC LICENCE CATEGORIES**

1 Introduction

Because the modular syllabus of MAR-66 often requires different levels of knowledge for the different licence categories (A, B1 and B2) within a module, there are “conversion” examinations applicable to certain modules for licence holders wishing to extend a MAR-66 licence to include another category. The most common cases of licence extensions are set out below.

2 Extension of Category B1 to include Category B2

Note 1: Because of the impracticability of setting an examination for the single topic (avionic general test equipment) that has to be covered in Module 7, questions for that subject will be included in the Module 5 conversion examination.

Category Held	MAR-66 Modules and/or Topics required for Conversion Examination	Number of Questions
B1.1	Partial Module 4 - Topics 4.1.1 b) all, 4.1.2 all, 4.1.3 b) all, 4.2 all, 4.3 b) all.	20
	Partial Modules 5 and 7 - Topics 5.1 to 5.3 all, 5.6 b) all, 5.7 to 5.10 all, 7.4 all. (see Note 1)	40
	Partial Module 13 - Topics 13.1 c) all, 13.3 & 13.4 all, 13.6 all, 13.8 all.	100
B1.2	Partial Module 4 - Topics 4.1.1 b) all, 4.1.2 all, 4.1.3 b) all, 4.2 all, 4.3 b) all.	20
	Partial Modules 5 and 7 - Topics 5.1 to 5.3 all, 5.6 b) all, 5.7 to 5.10 all, 7.4 all. (see Note 1)	40
	Partial Module 13 - Topics 13.1 c) all, 13.3 & 13.4 all, 13.6 all, 13.8 all.	100
	Module 14 all	25
B1.3	Partial Module 4 - Topics 4.1.1 b) all, 4.1.2 all, 4.1.3 b) all, 4.2 all, 4.3 b) all.	20
	Partial Modules 5 and 7 - Topics 5.1 to 5.3 all, 5.6 b) all, 5.7 to 5.10 all, 7.4 all. (see Note 1)	40
	Partial Module 13 - Topics 13.1 all, 13.3 & 13.4 all, 13.6 to 13.8 all	100
B1.4	Partial Module 4 - Topics 4.1.1 b) all, 4.1.2 all, 4.1.3 b) all, 4.2 all, 4.3 b) all.	20
	Partial Modules 5 and 7 - Topics 5.1 to 5.3 all, 5.6 b) all, 5.7 to 5.10 all, 7.4 all. (see Note 1)	40
	Partial Module 13 - Topics 13.1 all, 13.3 & 13.4 all, 13.6 to 13.8 all.	100
	Module 14 all.	25

### 3 Extension of Category B2 to include Category B1

Note 2: The following Table applies to full Category B2 AMEL holders only. Category B2 licence holders with any limitations must remove those limitations first by taking the appropriate conversion examinations or can qualify for B1 by following the conventional route and be examined on the complete modules required for B1.

To Category	MAR-66 Modules and/or Topics required for Conversion Examination	Number of Questions
B1.1	Partial Module 6 - Topics 6.1 a) all, 6.2 a) all, 6.3 b) all, 6.4 b) all, 6.5.4 all, 6.6 b) all, 6.7 all, 6.10 all.	20
	Partial Module 7 - Topics 7.6 all, 7.8 to 7.14 all, 7.15 b) all, 7.16 b) all, 7.18 b) & c) all, 7.19 b) all.	40
	Partial Module 11 - Topics 11.1 to 11.4 all, 11.7 to 11.13 all, 11.15 to 11.17 all.	90
	Partial Module 15 - Topics 15.1 to 15.13 all, 15.15 to 15.22 all.	70
B1.2	Module 17 all.	30
	Partial Module 6 - Topics 6.1 a) all, 6.2 a) all, 6.3 b) all, 6.4 b) all, 6.5.4 all, 6.6 b) all, 6.7 all, 6.10 all.	20
	Partial Module 7 - Topics 7.6 all, 7.8 to 7.14 all, 7.15 b) all, 7.16 b) all, 7.18 b) & c) all, 7.19 b) all.	40
	Partial Module 11 - Topics 11.1 to 11.4 all, 11.7 to 11.13 all, 11.15 to 11.17 all.	90
B1.3	Partial Module 16 - Topics 16.1 to 16.9 all, 16.11 to 16.13 all	55
	Module 17 all.	30
	Partial Module 6 - Topics 6.1 a) all, 6.2 a) all, 6.3 b) all, 6.4 b) all, 6.5.4 all, 6.6 b) all, 6.7 all, 6.10 all.	20
	Partial Module 7 - Topics 7.6 all, 7.8 to 7.14 all, 7.15 b) all, 7.16 b) all, 7.18 b) & c) all, 7.19 b) all.	40
B1.4	Partial Module 12 - Topics 12.1 to 12.6 all, 12.9 to 12.14 all, 12.16 all.	80
	Partial Module 15 - Topics 15.1 to 15.13 all, 15.15 to 15.22 all	70
	Partial Module 6 - Topics 6.1 a) all, 6.2 a) all, 6.3 b) all, 6.4 b) all, 6.5.4 all, 6.6 b) all, 6.7 all, 6.10 all.	20
B1.4	Partial Module 7 - Topics 7.6 all, 7.8 to 7.14 all, 7.15 b) all, 7.16 b) all, 7.18 b) & c) all, 7.19 b) all.	40
	Partial Module 12 - Topics 12.1 to 12.6 all, 12.9 to 12.14 all, 12.16 all	80
	Partial Module 16 - Topics 16.1 to 16.9 all, 16.11 to 16.13 all.	55
	Module 17 all.	30

4 Extension of Category A1 to include Category B1.1

Category Held	MAR-66 Modules and/or Topics required for Conversion Examination	Number of Questions
A1	Module 1 all	30
	Module 2 all	50
	Module 3 all	50
	Module 4 all	20
	Module 5 all	40
	Module 6 all	70
	Partial Module 7, topics 7.4 to 7.16, 7.18 & 7.20.	60
	Module 8 all	20
	Partial Module 10, topics 10.2, 10.3, 10.5, 10.6 & 10.8.	20
	Module 11 all	130
	Module 15 all	90
Module 17 all	30	

5 Requirements for other extensions to Basic Licence Categories

Applicants wish to apply for extensions to Basic Licence Categories other than those listed should approach the Civil Aviation Authority for details of the conversion examination requirements.

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