

CIVIL AVIATION DIRECTORATE

Transport Malta, Malta Transport Centre, Pantar Road, Lija LJA 2021 Malta. Tel:+356 2555 5000. cadexaminations.tm@transport.gov.mt

MALTA PART-FCL AN ATPL(A), ATPL(H), ATPL(H) / IR, CPL(A),CPL(H), IR

THEORETICAL EXAMINATION PROCEDURES

CONTENTS

INTRODUCTION	1
1.1 STUDENTS WITH EXAMINATIONS	2
2.0 COMMON REQUIREMENTS	8
3.0 CONDUCT OF EXAMINATIONS.....	12

INTRODUCTION

As the competent Authority of an EASA member state, Transport Malta Civil Aviation Directorate is authorised to administer the theoretical examinations for pilot licences.

Theoretical examinations will assess the depth of knowledge achieved during the training sessions delivered by the Approved Training Organisation. In every case, the level of knowledge and/or skill attained is to be based on the learning objectives (LO) set by Commission Regulation (EU) No 1178/2011. For further information of all learning objectives refer to AMC1 FCL.310; FCL.515(b); FCL.615(b).

Applicants shall take the entire set of theoretical knowledge examinations for a specific licence or rating under the responsibility of the same Member State’s competent authority.

Guidance material published by EASA may be found in the following link:

<https://www.easa.europa.eu/en/domains/aircrew-and-medical/european-central-question-bank-ecqb>

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1.1 STUDENTS EXAMINATIONS

Subjects- ATPL(A) AMC1 ARA.FCL.300(b)

An applicant for the ATPL(A) theoretical knowledge examinations shall be examined in the following 13 subjects by Transport Malta Civil Aviation Directorate and in 1 subject by the Approved Training Organisation.

Subjects Examined by TMCAD:-

Subject	Time (minutes)	Number of Questions
010 Air Law	60	44
021 Aircraft General Knowledge - Airframe/ Systems/ Power plant	120	80
022 Aircraft General Knowledge - Instrumentation	90	60
031 Mass and Balance	75	25
032 Performance	120	45
033 Flight Planning and Monitoring	120	42
040 Human Performance	90	48
050 Meteorology	120	84
061 General Navigation	135	55
062 Radio Navigation	90	66
070 Operational Procedures	75	42
081 Principle of Flight	90	46
090 Communications	60	34

Subject Examined by the Approved Training Organisation:-

Subject
100 KNOWLEDGE, SKILLS AND ATTITUDES (KSA)

Completion of the Area 100 KSA Assessment Before Final Examination

PEL Notice 55 Theoretical knowledge examinations for the issue of an ATPL(A), ATPL(H), ATPL(H)/IR, CPL(A),CPL(H), IR(A)(H)	Version 15 06/02/2025	Page 2 of 12
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PEL Notice No. 55 Version 15

Theoretical knowledge examinations for the issue of an ATPL(A), ATPL(H), ATPL(H)/IR, CPL(A), CPL(H), IR(A)(H)

Reference: Part-FCL.515

**CIVIL AVIATION DIRECTORATE**

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Subjects- ATPL(H) AMC1 ARA.FCL.300(b)

An applicant for the ATPL(H) theoretical knowledge examinations shall be examined in the following 13 subjects by Transport Malta Civil Aviation Directorate and in 1 subject by the Approved Training Organisation.

Subjects Examined by TMCAD:-

Subject	Time (minutes)	Number of Questions
010 Air Law	45	33
021 Aircraft General Knowledge - Airframe/ Systems/ Power plant	120	80
022 Aircraft General Knowledge - Instrumentation	90	60
031 Mass and Balance	75	25
033 Flight Planning and Monitoring	90	33
034 Performance	75	35
040 Human Performance	90	48
050 Meteorology	120	84
061 General Navigation	135	55
062 Radio Navigation	60	44
070 Operational Procedures	60	32
082 Principle of Flight	75	42
090 Communications	60	34

Subject Examined by the Approved Training Organisation:-

Subject
100 KNOWLEDGE, SKILLS AND ATTITUDES (KSA)

Completion of the Area 100 KSA Assessment Before Final Examination

PEL Notice 55 Theoretical knowledge examinations for the issue of an ATPL(A), ATPL(H), ATPL(H)/IR, CPL(A),CPL(H), IR(A)(H)	Version 15 06/02/2025	Page 3 of 12
--	--------------------------	--------------

PEL Notice No. 55 Version 15

Theoretical knowledge examinations for the issue of an ATPL(A), ATPL(H), ATPL(H)/IR, CPL(A), CPL(H), IR(A)(H)

Reference: Part-FCL.515

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Subjects- ATPL(H)/IR AMC1 ARA.FCL.300(b)

An applicant for the ATPL(H)/IR theoretical knowledge examinations shall be examined in the following 13 subjects by Transport Malta Civil Aviation Directorate and in 1 subject by the Approved Training Organisation.

Subjects Examined by TMCAD:-

Subject	Time (minutes)	Number of Questions
010 Air Law	60	44
021 Aircraft General Knowledge - Airframe/ Systems/ Power plant	120	80
022 Aircraft General Knowledge - Instrumentation	90	60
031 Mass and Balance	75	25
033 Flight Planning and Monitoring	120	42
034 Performance	75	35
040 Human Performance	90	48
050 Meteorology	120	84
061 General Navigation	135	55
062 Radio Navigation	90	66
070 Operational Procedures	75	40
082 Principle of Flight	75	42
090 Communications	60	34

Subject Examined by the Approved Training Organisation:-

Subject
100 KNOWLEDGE, SKILLS AND ATTITUDES (KSA)

Completion of the Area 100 KSA Assessment Before Final Examination

PEL Notice 55 Theoretical knowledge examinations for the issue of an ATPL(A), ATPL(H), ATPL(H)/IR, CPL(A),CPL(H), IR(A)(H)	Version 15 06/02/2025	Page 4 of 12
--	--------------------------	--------------

PEL Notice No. 55 Version 15

Theoretical knowledge examinations for the issue of an ATPL(A), ATPL(H), ATPL(H)/IR, CPL(A), CPL(H), IR(A)(H)

Reference: Part-FCL.515

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Subjects- CPL(A) AMC1 ARA.FCL.300(b)

An applicant for the CPL(A) theoretical knowledge examinations shall be examined in the following 13 subjects by Transport Malta Civil Aviation Directorate and in 1 subject by the Approved Training Organisation.

Subjects Examined by TMCAD:-

Subject	Time (minutes)	Number of Questions
010 Air Law	45	33
021 Aircraft General Knowledge - Airframe/ Systems/ Power plant	90	60
022 Aircraft General Knowledge - Instrumentation	60	40
031 Mass and Balance	60	21
032 Performance	105	28
033 Flight Planning and Monitoring	90	33
040 Human Performance	60	35
050 Meteorology	90	63
061 General Navigation	120	45
062 Radio Navigation	30	22
070 Operational Procedures	60	30
081 Principle of Flight	75	37
090 Communications	60	34

Subject Examined by the Approved Training Organisation:-

Subject
100 KNOWLEDGE, SKILLS AND ATTITUDES (KSA)

Completion of the Area 100 KSA Assessment Before Final Examination

PEL Notice 55 Theoretical knowledge examinations for the issue of an ATPL(A), ATPL(H), ATPL(H)/IR, CPL(A),CPL(H), IR(A)(H)	Version 15 06/02/2025	Page 5 of 12
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PEL Notice No. 55 Version 15

Theoretical knowledge examinations for the issue of an ATPL(A), ATPL(H), ATPL(H)/IR, CPL(A), CPL(H), IR(A)(H)

Reference: Part-FCL.515

**CIVIL AVIATION DIRECTORATE**

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Subjects- CPL(H) AMC1 ARA.FCL.300(b)

An applicant for the CPL(H) theoretical knowledge examinations shall be examined in the following 13 subjects by Transport Malta Civil Aviation Directorate and in 1 subject by the Approved Training Organisation.

Subjects Examined by TMCAD:-

Subject	Time (minutes)	Number of Questions
010 Air Law	45	33
021 Aircraft General Knowledge - Airframe/ Systems/ Power plant	90	60
022 Aircraft General Knowledge - Instrumentation	60	40
031 Mass and Balance	60	21
033 Flight Planning and Monitoring	90	33
034 Performance (H)	45	20
040 Human Performance	60	35
050 Meteorology	90	63
061 General Navigation	120	45
062 Radio Navigation	30	22
070 Operational Procedures	60	32
082 Principle of Flight	75	42
090 Communications	60	34

Subject Examined by the Approved Training Organisation:-

Subject
100 KNOWLEDGE, SKILLS AND ATTITUDES (KSA)

Completion of the Area 100 KSA Assessment Before Final Examination

PEL Notice 55 Theoretical knowledge examinations for the issue of an ATPL(A), ATPL(H), ATPL(H)/IR, CPL(A),CPL(H), IR(A)(H)	Version 15 06/02/2025	Page 6 of 12
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PEL Notice No. 55 Version 15

Theoretical knowledge examinations for the issue of an ATPL(A), ATPL(H), ATPL(H)/IR, CPL(A), CPL(H), IR(A)(H)

Reference: Part-FCL.515

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Before being recommended by an ATO to sit the final examination paper at the first attempt, an applicant for a professional licence must have successfully completed the applicable Area 100 KSA summative assessments and mental maths test at the ATO. For more information on the subject refer to AMC1 FCL.025(a)(2), FCL.310; FCL.515(b); FCL.615(b) Theoretical knowledge examinations. Evidence must be provided to TMCAD.

Although the assessment of Subject Area 100 KSA will be covered by the ATO, the result of this subject will be included in the final report issued by TMCAD.

Subjects- IR(A) and (H) AMC1 ARA.FCL.300(b)

An applicant for the IR theoretical knowledge examinations shall be examined in the following subjects by Transport Malta Civil Aviation Directorate.

Subjects Examined by TMCAD:-

Subject	Time (minutes)	Number of Questions
010 Air Law	45	30
022 Aircraft General Knowledge - Instrumentation	30	20
033 Flight Planning and Monitoring	75	27
040 Human Performance	60	35
050 Meteorology	90	63
062 Radio Navigation	60	44
090 Communications	60	34

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2.0 COMMON REQUIREMENTS

2.1 Frequency

TMCAD will conduct the Part-FCL ATPL(A), ATPL(H), ATPL(H)/IR, CPL(A), CPL(H), IR theory exams normally at least every two months. The sitting schedule will be published on the Transport Malta website.

In special circumstances, additional sittings may be coordinated with TMCAD subject to staff and room availability and at an extra charge. This request shall be made in writing to the Director General for Civil Aviation and/or Head of Personnel Licensing.

2.2 Application Forms and Examination Slots

TMCAD will be providing 2 examination slots on the published examination dates;

- From 09:00hrs – 11:30hrs
- From 12:30hrs – 14:30hrs

When applying for an examination, candidates are to select their preferred slot however slots are limited to availability and when preferred slots cannot be granted, TMCAD officers will allocate the next available slot to accommodate all applications. Please make sure that email addresses are listed in the application form and are clearly legible.

Applications for theoretical examinations shall be made on Application Form Number TM/CAD/0174 which can be downloaded from the Transport Malta website www.transport.gov.mt. When applying make sure you are submitting the latest version of the application.

Application forms must be sent via email to cadexaminations.tm@transport.gov.mt at least **8 working days** before the start of the examination session together with the proof of payment and must include recommendation by the ATO where applicable. No further changes to the application received will be accepted after the closing date. Likewise, beyond the application closing date, payment of exams can only be carried forward to other sittings in exceptional cases of emergency. TMCAD may request documentation to verify the case. In any case, this can only be done once in all 6 sittings.

2.3 ATO recommendation

Unless in cases otherwise stipulated by the regulation, an applicant shall be recommended for an examination by the Approved Training Organisation responsible for the applicant's training when the applicant has completed the appropriate elements of the course of theoretical knowledge instruction to a satisfactory standard. The recommendation of the ATO shall be valid for 12 months. If the applicant has failed to attempt at least one theoretical knowledge examination within this period of validity, the need for further training shall be determined by the ATO, based on the needs of the applicant.

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2.4 Language

The examination will be provided in the English language. Candidates will be allowed to use a dictionary.

2.5 Content

The theoretical examination questions are all multiple choice with no penalty marking.

2.6 Oral Examinations

Oral examinations will not be conducted in lieu of written or computer-based examinations.

2.7 Examination Material

All charts, maps and data sheets will be provided by TMCAD during the examination. Candidates must bring their own scientific, non-programmable, non-alphanumeric calculator without specific aviation functions, mechanical navigation slide-rule (CRP), protractor, divider, ruler, pencil, highlighter pen, and if they wish a translation dictionary.

2.9 Fees

Candidates shall pay the cost of €58.23, per exam paper for each subject covered in this notice.

2.10 Security

Candidates will not be allowed to take the examination unless they present a Malta or State of Nationality ID Card with a photo or a passport. The photo ID must be placed on the desk and will be checked by the invigilator.

2.11 Misconduct

If TMCAD considers that the applicant is not complying with examination procedures during the examination, this misconduct will be considered with a view to failing the applicant, either in the examination of a single subject or in the examinations. In addition, the applicant may be banned from taking theoretical examinations for a period decided by the TMCAD.

2.12 Pass Standards

- a) A Pass in an examination paper will be awarded to an applicant achieving at least 75% of the marks allocated to that paper. There is no penalty marking.
- b) An applicant will be deemed to have successfully completed the required theoretical knowledge when awarded a pass in all of the required subjects within a period of 18 months counted from the end of the calendar month when the applicant first attempted an examination.
- c) An applicant shall re-enter the complete examination as though for an initial attempt if he has failed to pass any single examination paper within four attempts, or has failed to pass all papers within either six sittings or the period mentioned in paragraph (b) above. Before re-taking the examinations, the applicant shall undertake further training at an ATO. The extent and the scope of the training needed shall be determined by the training organisation, based on the needs of the applicant.

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2.13 Terminology

The meaning of the following terms used in FCL.025 shall be as follows:

1. 'Entire set of examinations': an examination in all subjects required by the licence level.
2. 'Examination': the demonstration of knowledge in one or more examination papers.
3. 'Examination paper': a set of questions, which covers one subject, or, in the case of examinations for the BIR, one module, required by the licence level or rating, to be answered by a candidate for examination.
4. 'Attempt': a try to pass a specific paper.
5. 'Sitting': a period established by the competent authority within which a candidate can take an examination. For all intents and purposes, TMCAD established a sitting as 5 consecutive working days. Only one attempt at each examination paper is allowed in one sitting.

2.14 Results

Examination results will be sent to the ATO/DTO or individuals (according to declaration) within 5 working days from the end of sitting. In exceptional circumstances and should delays be expected for the issuance of such results, TMCAD will notify the ATO/DTO or individual accordingly.

Any queries from students regarding specific questions or appeals are to be referred to the Head of Personnel Licensing by the CTKI who in return will advise on the appropriate way forward depending on the case. Refer to PEL Notice 57 for further information.

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3.0 CONDUCT OF EXAMINATIONS

- Candidates must ensure that they are available for the examination 15 minutes before the start time of the slot to follow the invigilator's pre-examination Instructions. **If the candidate arrives after the recording starts, s/he shall be prohibited from taking the examination.**
- Mobile phones and any other communication or recording equipment must be switched off and placed in the locker provided. **Any attempt to communicate with anyone outside the examination room or record an examination question will be very severely dealt with and may lead to immediate disqualification and you may lose any passes already achieved.**
- Wrist watches of any kind are not permitted during the examination. Start time and finish time of examinations are regulated by the e-examination system and is visible to the student on the upper right-hand side of the screen. In case of a paper-based examination, start time and finish time will be taken from the clock in the examination room.
- Clothing during examination shall not include any type of head gear, scarves, ties, bulky jackets and large ornaments/necklaces. Candidates may be requested to remove any items which the invigilator might find unnecessary for the conduct of the written examination. It is the responsibility of the student not to bring any such items into the classroom. TMCAD will not be held responsible for any loss or damages of such.
- Bags and coats are to be placed in the area allocated and indicated by the invigilators but at all times away from the candidates sitting or the examination.
- The only items that are to be placed on the desk are the mandatory items i.e. In case of paper-based examinations; Exam Question Paper and Answer Sheet and in the case of all other exams conducted electronically and paper based; Annexes to the exam questions, calculator, CRP, ruler and dividers. All other items including pencil cases and CRP cases must be placed at the far end of the candidates' desk and made easily accessible to the Invigilator.
- In the case of a paper-based examination, check that the details, including the paper number are correct on the cover sheet. In the case of electronic examinations ensure that the examination released for you to undertake is correct. Ask for the assistance of the Invigilator should this not be the case.
- In the case of a paper-based examination, do not make any other marks on the question paper or the answer sheet apart from your answers.
- Starting of the examination before being instructed by the Invigilator to do so will not be tolerated.

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- Workings must be done on the rough working paper provided. No other paper can be used except the rough working paper and the answer sheet (in case of paper-based examinations). The rough working paper will also be collected at the end of the exam and it shall include your name, ID Card or Passport number, signature and date of exam.
- In the case of paper-based examinations, pens must be put down immediately whentime is called, otherwise disciplinary action may be taken. In the case of electronic examinations, as soon as time is up for the subject the examination is automatically terminated and no further amendments to the answer selection can be made.
- No extra time will be given for the candidates to write comments. Any comments must be written during the exam time.
- If you wish to speak to the invigilator raise your hand. Silence must always be observed.
- At the end of the examination remain seated until all the paperwork is collected. If you finish the examination early please raise your hand and remain seated until all your paperwork is collected and checked, then if permitted by the invigilator leave the room quietly. Candidates may only leave the room if permitted by the invigilator. All the question papers (in case of paper-based examinations), appendixes and other writing paper used during the examination must be handed in to the invigilator. **Write your name, paper number and date and sign all the papers and appendixes where you have done your working.** All your papers will be placed in an envelope and sealed. Make sure you have returned all the papers and appendixes.

Any attempt to take a question paper (in case of paper-based examinations) or an appendix or text written during the examination out of the examination room will be very severely dealt with and may lead to immediate disqualification and you may lose any passes already achieved.

In accordance with ARA.FCL.300(e) and ARA.FCL.300(f) of Commission Regulation (EU) No 1178/2011 of 3 November 2011 as amended, any violation of examination regulations may result in the candidate being disqualified in any subject that has been taken and barred from further participation in future examinations for a period of at least 12 months.

In accordance with the provision of ARA.GEN.355(e) of Commission Regulation (EU) No 1178/2011 of 3 November 2011 as amended, the Civil Aviation Directorate may inform other national authorities that the candidate is banned from the examinations.

The examination room will have 24 hour CCTV monitoring as images will be recorded for the purpose of monitoring of student's conduct during the examination. For further information please refer to PEL Notice 77. The examination room will be locked during the lunch breaks. Personal items left anywhere on the premises including the lockers area remain your own responsibility.