

Democratic Socialist Republic of Sri Lanka



Civil Aviation Authority of Sri Lanka

Implementing Standards

(Issued under Sec. 120, Civil Aviation Act No. 14 of 2010)

Title: CONDUCT OF KNOWLEDGE EXAMINATIONS FOR ISSUANCE OF PILOT LICENCES

Reference No: IS-Exam –Pilot

SLCAIS: 076

Date: 28th May 2018

Pursuant to Sec. 120 of the Civil Aviation Act No.14 of 2010, Director General of Civil Aviation shall have the power to issue, whenever he considers it necessary or appropriate to do so, such Implementing Standards for the purpose of giving effect to any of the provisions of the Civil Aviation Act, any regulations or rules made thereunder including the Articles of the Convention on International Civil Aviation which are specified in the Schedule to the Act.

Accordingly, I being the Director General of Civil Aviation do hereby issue the Implementing Standards as mentioned in the Attachment hereto (Ref. Attachment No. IS -Exam-Pilot-Att.), elaborating the knowledge examination requirements for issuance of pilot licences contained in Chapter - 2, Licences and Ratings for Pilots, ICAO Annex 1-“Personnel Licensing” which are specified in the Attachment.

This Implementing Standard shall come into force with immediate effect and remain in force unless revoked.

Attention is also drawn to sec. 103 of the Act, which states inter alia that failure to comply with Implementing Standard is an offence.

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Chief Executive Officer

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Enclosure: Attachment No. IS -Exam –Pilot Att.

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Implementing Standards

**SLCAIS -: CONDUCT OF KNOWLEDGE EXAMINATIONS FOR PILOT LICENCES
PPL, CPL, IR, CPL/(IR), ATPL FOR ISSUANCE OF AEROPLANE AND
HELECOPTER LICENCES.**

GENERAL

1. This Implementing Standard is based on the ICAO annex 1-“Personnel Licensing” Chapter 2 – Licences and Ratings for Pilots.
2. The document contains the requirements and procedure for conduct of knowledge examinations for pilot licences PPL, CPL, IR, CPL/IR, ATPL for issuance of Aeroplane and Helicopter pilots.
3. The requirements contained in this document are applicable to
 1. Holders of a licence for flying training.
 2. Holders of pilot licences.
 3. Holders of a licence for Air Transport Operations
4. The document may be amended from time to time and the amendments will be reflected with the vertical line on the right side of the text.

CONDUCT OF KNOWLEDGE EXAMINATIONS FOR PILOT LICENCES PPL, CPL, IR, CPL/(IR), ATPL FOR ISSUANCE OF AEROPLANE AND HELECOPTER LICENCES

1 INTRODUCTION

This stipulates the structure and composition of all the examination papers, prerequisites to undertake an examination, method of repeat and validity of examination results for the issuance of a particular Pilot Licence.

2 PERSONNEL LICENSING EXAMINATION PROCEDURE

2.1 Private Pilot Licence (PPL) Examination

The applicant for a PPL Examination shall have demonstrated to the DGCA a level of theoretical knowledge appropriate to the privileges granted to the holder of a Private Pilot Licence (Aeroplane).

2.1.1 Subjects for PPL examination with duration

This examination consists of six subjects.

	Theory Subject	Duration (6 hrs)	No. of Questions
1	Air Law, ATC Procedures & Operational Procedures	01hr & 15 min.	45 (30 +15)
2	Aircraft General Knowledge & Principles of Flight	01hr & 15 min.	40 (15 + 25)
3	Flight Performance and Planning	01 hr	30
4	Human Performance and Limitations	30 min.	20
5	Meteorology	30 min.	20
6	Navigation & Communication Theory	01 hr & 30 min	45 (30 + 15)

2.1.2 Examination format of PPL Examination:

All questions are multiple-choice. In addition to the theory question paper, Communication practical classroom testing will be conducted separately.

Pass mark will be 75% and no minus marks will be given for incorrect answers.

In addition English Language Proficiency Check (ELPC) will be conducted and level will be determined.

2.1.3 Examination procedure of PPL Examination:

- a. Applicant for PPL shall forward an application through the flying school with recommendation from the Chief Instructor.
- b. Applicant should sit all the theory subjects in one and the same sitting initially and pass at least four subjects. Inability to achieve this would require the applicant to repeat the entire examination.
- c. Applicant will be deemed to have successfully completed the PPL theoretical knowledge examination when awarded a pass in all six subjects within a period of 12 months counted from the end of the calendar month when the applicant first attempted the examination.
- d. If an applicant couldn't complete his/her examination during the period mentioned in paragraph "c" above he/she shall re-sit all theory subjects. Before re-sitting the examination the applicant shall undertake further training as determined by the school.
- e. A pass in the theoretical knowledge examination will be accepted for the grant of the PPL during the period of 2 years from the date the applicant has successfully completed the theoretical knowledge examination.

2.1.4 Eligibility for PPL Examination:

An applicant will be eligible to sit for the examination by fulfilling the following.

- a. Applicant shall not be less than 16 years old.
(Note : minimum age requirement for issue of a PPL(A) is 17 years)
- b. Applicant shall hold valid Student Pilot Licence issued by DGCA of Sri Lanka.
- c. Applicant shall have 05 hours flying experience to appear for Radio Telephone communication practical Test.

- d. Applicant shall have completed approved theoretical ground school course with no less than 80% attendance.

Or

Applicant has held a PPL or higher licence.

Or

Applicant has successfully completed an approved flying training integrated course up to equivalent level of PPL.

Or

Applicant has been disqualified to obtain a PPL due to the reason mentioned in item “e” of paragraph 2.1.3. above.

Or

Applicant has followed a formal flying training course in Sri Lanka Air Force.

2.2 Commercial Pilot Licence Examination.

The applicant for a CPL Examination shall have demonstrated to the DGCA a level of theoretical knowledge appropriate to the privileges granted to the holder of a Commercial Pilot Licence CPL

2.2.1 Proposed subjects for CPL Examination

The examination consists of seven subjects.

	Theory Subject	Duration (12hrs & 15min)	No. of questions
1	Air law & Operational Procedures	01 hr & 30 min. <i>(45 + 45 min)</i>	63 <i>(33 + 30)</i>
2	Aircraft General Knowledge, Principle of Flight <i>Part 01 - Airframe/Systems/Power plant</i> <i>Part 02 - Instrument/electronics</i> <i>Part 03 - Principles of Flight</i>	03 hrs 15 min. <i>(1 hr. 30 min.)</i> <i>(1 hr.)</i> <i>(45 min)</i>	133 <i>60</i> <i>40</i> <i>33</i>
3	Flight Performance & Planning <i>Part 01 - Mass and balance</i> <i>Part 02 - Performance</i> <i>Part 02 – Flight planning and monitoring</i>	03 hrs. 15 min. <i>(1 hr.)</i> <i>(45 min.)</i> <i>(1 hr. 30 min.)</i>	83 <i>25</i> <i>25</i> <i>33</i>
4	Human Performance & Limitations	45 min.	36
5	Meteorology	01 hr. 30 min.	63
6	Navigation <i>Part 01 - General Navigation</i> <i>Part 02 - Radio Navigation</i>	01 hr. 30 min <i>(1 hr.30 min.)</i> <i>(30 min.)</i>	67 <i>(45)</i> <i>(22)</i>
7	Communication (VFR)	30 min	24

2.2.2 Examination format of CPL Examination:

All questions are multiple-choice. In addition to the theory question paper, Communication practical classroom testing will be conducted separately.

Pass mark will be 75% and no minus marks will be given for incorrect answers.

In addition English Language Proficiency Check (ELPC) will be conducted and level will be determined, if the ELPC has not been conducted already and/or the candidate has a level below the ELPC level of six.

2.2.3 Examination procedure of CPL Examination:

- a. Applicant for CPL shall forward their applications through the flying school with recommendation from the Chief Instructor.
- b. Applicant shall sit all the theory subjects in one and the same sitting initially and pass at least four subjects. Inability to achieve this would require the applicant to repeat the entire examination.
- c. For subjects 2 & 3, at least 02 parts are required to be successful for consideration of partial pass (If applicant has failed 2 parts in each subject 2 or subject 3, then applicant has to sit all parts. If applicant has failed one part in each subject 2 or subject 3, then applicant has to re-sit only the failed part.)
- d. Applicant will be deemed to have successfully completed the CPL theoretical knowledge examination when awarded a pass in all of the required subjects in six attempts within a period of 18 months counted from the end of the calendar month when the applicant first attempted the examination.
- e. If an applicant couldn't complete his/her examination during the period mentioned at paragraph "d" he/she shall re-sit all theory subjects. Before re-sit the examinations the applicant shall undertake further training as determined by the school and approved by the DGCA.
- f. A pass in the theoretical knowledge examination will be accepted for the grant of the CPL during the period of 3 years from the date applicant has successfully completed the theoretical knowledge examination.

2.2.4 Eligibility for CPL Examination:

An applicant will be eligible to sit for the examination by fulfilling below.

- a. Applicant shall not be less than 17 years old.
(Note : minimum age requirement for issue of a CPL(A) is 18 years)
- c. Applicant shall hold valid Student Pilot Licence issued by DGCA of Sri Lanka or Private Pilot Licence.
- d. Applicant shall have completed approved theoretical ground school course for CPL with no less than 80% attendance.
Or
Applicant has held a CPL or higher licence.
Or
Applicant has successfully completed an approved flying training integrated course up to equivalent level of CPL.
Or
Applicant who has been disqualified to obtain a CPL due to the reason mentioned in item “f” of paragraph 2.2.3 above.
Or
Applicant has followed a formal flying training course in Sri Lanka Air Force.

2.3 Instrument Rating IR Examination

The applicant for an IR (A) Examination shall have demonstrated to the DGCA a level of theoretical knowledge appropriate to the privileges granted to the holder of an Instrument Rating. IR(A) Examination will be conducted 4 times annually.

2.3.1 Proposed subjects for IR examination with duration

This examination consists of seven subjects for Private Pilot Licence holders.

	Subject	Duration (6hrs & 30 min.)	No. of questions
1	Air law	45 min.	33
2	Aircraft General Knowledge <i>Instrument/electronics</i>	30 min.	20
3	Flight Performance & Planning <i>Flight planning and Monitoring</i>	01 hr. 30 min.	33
4	Human Performance & Limitations	45 min.	36
5	Meteorology	01 hr. 30 min.	63
6	Navigation <i>Radio Navigation</i>	01hr	44
7	Communication – IFR	30 min.	24

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This examination consists of one composite subject for Commercial Pilot Licence holders

	Subject	Duration (hrs & min.)	No. of questions
1	Composite Paper	1 hr. 15 min.	45
	<i>Air law</i>	<i>(10 min.)</i>	<i>(7)</i>
	<i>Flight planning and Monitoring</i>	<i>(27 min.)</i>	<i>(10)</i>
	<i>Radio Navigation</i>	<i>(34 min.)</i>	<i>(25)</i>
	<i>Communications – IFR</i>	<i>(4 min.)</i>	<i>(03)</i>

2.3.2 Examination format of IR Examination:

All questions are multiple-choice. In addition to the theory question paper, Communication practical classroom testing will be conducted separately.

Pass mark will be 75% and no minus marks will be given for incorrect answers.

2.3.3 Examination procedure of IR Examination:

- a. Applicant for IR shall forward their applications through the flying school with recommendation from the Chief Instructor.
- b. Applicant holding PPL(A)(H) shall sit all the theory subjects in one and the same sitting initially and pass at least four subjects. Inability to achieve this would require the applicant to repeat the entire examination.
- c. Applicant will be deemed to have successfully completed the IR theoretical knowledge examination when awarded a pass in all of the required subjects in six attempts within a period of 18 months counted from the end of the calendar month when the applicant first attempted the examination.
- e. If an applicant couldn't complete his/her examination during the period mentioned at paragraph "c" above he/she shall re-sit all theory subjects. Before re-sit the examinations the applicant shall undertake further training as determined by the school and approved by the DGCA.
- f. A pass in the theoretical knowledge examination will be accepted for the grant of the IR during the period of 3 years from the date applicant has successfully completed the theoretical knowledge examination.

2.3.4 Eligibility for IR Examination:

An applicant will be eligible to sit for the examination by fulfilling below.

- a. Applicant shall hold valid PPL or CPL issued by DGCA of Sri Lanka.
- b. Applicant shall have completed approved theoretical ground school course with no less than 80% attendance.
- Or
- Applicant has held an IR before.
- Or
- Applicant has successfully completed an approved flying training integrated course up to equivalent level of IR.
- Or
- Applicant who has been disqualified to obtain an IR due to the reason mentioned in item “e” of paragraph 2.3.3 above.
- Or
- Applicant has followed a formal Instrument Rating training course in Sri Lanka Air Force.

2.4 Commercial Pilot Licence/Instrument Rating Integrated (CPL/IR) Examination

The applicant for a CPL /IR Integrated Examination shall have demonstrated to the DGCA a level of theoretical knowledge appropriate to the privileges granted to the holder of a Commercial Pilot Licence (Aeroplane)/Instrument Rating.

2.4.1 Proposed subjects for CPL/IR Examination

The examination consists of seven subjects

	Subject	Duration (14hrs & 20min)	No. Of questions
1	Air law & Operational Procedures	01hr & 40 min. (55 min + 45 min)	70 (40 +30)
2	Aircraft General Knowledge, Principle of Flight <i>Part 01 -Airframe/Systems/Power plant</i> <i>Part 02 – Instrument/electronics</i> <i>Part 03 – Principle of Flight</i>	03 hrs 15 min. (1 hr. 30 min.) (1 hr.) (45 min)	133 60 40 33
3	Flight Performance & Planning <i>Part 01 – Mass and balance</i> <i>Part 02 – Performance</i> <i>Part 03 – Flight planning and Monitoring</i>	03 hrs. & 45 min. (1hr.) (45 min.) (2 hrs.)	93 25 25 43

4	Human Performance & Limitations	45 min.	36
5	Meteorology	01 hr. 30 min.	63
6	Navigation <i>Part 01 – General Navigation</i> <i>Part 02 – Radio Navigation</i>	02 hrs. 45 min <i>(1 hr.30min.)</i> <i>(1hr. 15min.)</i>	91 <i>(45)</i> <i>(46)</i>
7	Communication	40 min.	26

2.4.2 Examination format of CPL /IR Examination:

All questions are multiple-choice. In addition to the theory question paper, Communication practical classroom testing will be conducted separately.

Pass mark will be 75% and no minus marks will be given for incorrect answers.

In addition English Language Proficiency Check (ELPC) will be conducted and level will be determined, if the ELPC has not been conducted already and/or the candidate has a level below the ELPC level of six.

2.4.3 Examination procedure of CPL /IR Integrated Examination:

- a. Applicant for CPL /IR shall forward their applications through the flying school with recommendation from the Chief Instructor.
- b. Applicant shall sit all the theory subjects in one and the same sitting initially and pass at least four subjects. Inability to achieve this would require the applicant to repeat the entire examination.
- c. For subjects 2 & 3, at least 02 parts are required to be successful for consideration of partial pass (If applicant has failed 2 parts in each subject 2 or subject 3, then applicant has to sit all parts. If applicant has failed one part in each subject 2 or subject 3, then applicant has to re-sit only failed part.)
- d. Applicant will be deemed to have successfully completed the CPL/IR theoretical knowledge examination when awarded a pass in all of the required subjects in six attempts within a period of 18 months counted from the end of the calendar month when the applicant first attempted the examination.
- e. If an applicant couldn't complete his/her examination during the period mentioned at paragraph "c" above he/she shall re-sit all theory subjects. Before re-sit the

examinations, the applicant shall undertake further training as determined by the school and approved by the DGCA.

- f. A pass in the theoretical knowledge examination will be accepted for the grant of the CPL/IR during the period of 3 years from the date the applicant has successfully completed the theoretical knowledge examination.

2.4.4 Eligibility for CPL /IR Integrated Examination:

An applicant will be eligible to sit for the examination by fulfilling below.

- a. Applicant shall not be less than 17 years old.
(*Note: minimum age requirement for issue of a CPL/IR(A) is 18 years.*)
- b. Applicant shall hold valid Student Pilot Licence issued by DGCA of Sri Lanka or Private Pilot Licence.
- c Applicant shall complete approved theoretical ground school course for CPL/IR with 80% attendance
Or
Applicant has held a CPL/IR or higher licence.
Or
Applicant has successfully completed an approved flying training integrated course up to equivalent level of CPL/IR.
Or
Applicant who has been disqualified to obtain a CPL/IR due to the reason mentioned in item “f” of paragraph 2.4.3. above.
Or
Applicant has followed a formal flying training course in Sri Lanka Air Force.

2.5 Airline Transport Pilot Licence Examination

The applicant for an ATPL (A) (H) shall have demonstrated to the DGCA a level of theoretical knowledge appropriate to the privileges granted to the holder of an ATPL (A) (H).

2.5.1 Proposed subjects for ATPL Examination

This examination consists of 07 subjects.

	Subject	Duration (17hrs & 55min)	No. of questions
1	Air law & Operational Procedures	02 hrs. 15 min.	89

	<i>Part 01- Air law</i> <i>Part 02- Operational Procedures</i>	<i>1hr</i> <i>1 hr. 15 min.</i>	<i>(44)</i> <i>(45)</i>
2	Aircraft General Knowledge, Principle of Flight <i>Part 01-Airframe/Systems/Power plant</i> <i>Part 02- Instruments/ Electronics</i> <i>Part 03- Principles of Flight</i>	04 hrs. & 30 min <i>(2 hrs)</i> <i>(1hr & 30 min)</i> <i>1hr</i>	184 <i>(80)</i> <i>(60)</i> <i>(44)</i>
3	Flight Performance & Planning <i>Part 01- Performance,</i> <i>Part 02- Mass & Balance</i> <i>Part 03 – Flight Planning and Monitoring</i>	04hrs <i>(1hr)</i> <i>(1hr)</i> <i>(2 hrs)</i>	103 <i>(35)</i> <i>(25)</i> <i>(43)</i>
4	Human Performance & Limitations	01 hr.	48
5	Meteorology	02 hrs	84
6	Navigation <i>Part 01 - General Navigation</i> <i>Part 02 – Radio Navigation</i>	03 hrs. & 30 min <i>(2hrs)</i> <i>(1hr & 30 min)</i>	126 <i>(60)</i> <i>(66)</i>
07	Communication	40 min.	26

2.5.2 Examination format of ATPL Examination:

All questions are multiple-choice. In addition to the theory question paper, Communication practical classroom testing will be conducted separately.

Pass mark will be 75% and no minus marks will be given for incorrect answers.

In addition English Language Proficiency Check (ELPC) will be conducted and level will be determined, if the ELPC has not been conducted already and/or the candidate has a level below the ELPC level of six.

2.5.3 Examination procedure of ATPL Examination:

- a. Applicant for ATPL shall forward their applications through the flying school with recommendation from the Chief Instructor.
- b. Applicant shall sit all the theory subjects in one and the same sitting initially and pass at least four subjects. Inability to achieve this would require the applicant to repeat the entire examination

- c. For subjects 2 & 3, at least 02 parts are required to be successful for consideration of partial pass.(If applicant has failed, 2 parts in each subject 2 or subject 3, then applicant has to sit all parts. If applicant has failed one part in each subject 2 or subject 3, then applicant has to re-sit only the failed part.)
- d. Applicant will be deemed to have successfully completed the ATPL theoretical knowledge examination when awarded a pass in all of the required subjects in six attempts within a period of 18 months counted from the end of the calendar month when the applicant first attempted the examination.
- e. If an applicant couldn't complete his/her examination during the period mentioned at paragraph "c" above he/she shall re-sit all theory subjects. Before re-sit the examinations the applicant shall undertake further training as determined by the school and approved by the DGCA.
- f. A pass in the theoretical knowledge examination will be accepted for the grant of the ATPL during the period of 7 years from the last validity date of the Instrument Rating entered in the Commercial Pilot Licence for the issuance of an ATPL.

2.5.4 Eligibility for ATPL Examination:

An applicant will be eligible to sit for the examination by fulfilling below.

- a. Applicant shall not less than 20 years old.
(*Note: minimum age requirement for issue of an ATPL is 21 years*)
- b. Applicant shall hold PPL or CPL issued by DGCA of Sri Lanka.
- c. Applicant shall have completed an approved theoretical ground school course for ATPL with no less than 80% attendance
Or
Applicant has held an ATPL.
Or
Applicant has successfully completed an approved flying training integrated course up to equivalent level of ATPL.
Or
Applicant who has been disqualified to obtain a ATPL due to the reason mentioned in item "f" of paragraph 2.5.3. Above.