

GOVERNMENT OF INDIA
AERONAUTICAL INFORMATION SERVICE
DIRECTOR GENERAL OF CIVIL AVIATION
OPPOSITE SAFDARJUNG AIRPORT
NEW DELHI - 110 003

Telephone No. : 4622495

Extn:500

Telegraphic Address:

Aeronautical: VIIDDYAYG

Commercial : AIRCIVIL

SL.No. 15/1995

27th Dec. 1995

The following guidelines for the conduct of examination for issue / renewal of Flight Radio Telephone Operator's Licence (Restricted) are issued for information and guidance

File No. 3/8/95-AIS

CANCELLATION : A.I.C. 02/1992

H.S.KHOLA

DIRECTOR GENERAL OF CIVIL AVIATION

File No. 5-6/83-L(II)

EXAMINATION FOR ISSUE/RENEWAL OF FLIGHT RADIO TELEPHONE OPERATOR'S LICENCE
(RESTRICTED) (FRTOL(R))

1. The holders of student Pilot's Licence and Private Pilot's Licence will be eligible to appear in the examination for issue of Flight Radio Telephone Operator's Licence (Restricted).
2. The examination shall be conducted in two parts : Part I will comprise of written examination while Part II will relate to oral and practical test in Radio Regulations and Procedures. The pass marks shall be 50% and it shall be necessary to pass both the parts.
3. The syllabus for written examination has essentially been prepared to test the knowledge of the candidates in handling radio transmitter/receiver equipment and will comprise of the following:-

(I) ELEMENTARY KNOWLEDGE OF AERONAUTICAL COMMUNICATION INSTALLATIONS AT THE AERODROMES:

Familiarity with Radio control and operations and Knowledge of radio frequencies and their importance

(ii) RADIO TELEPHONY (RTF) PROCEDURES:

Provisions of ICAO Annex 10, vol. II, Regulations regarding avoidance of radio communication interference; voice and speech; ICAO spelling alphabets; Pronunciation of numerals; Transmitting techniques and general call; Procedures words and phrases; and Organisation of RTF network.

(iii) LOCAL AERODROME RTF PROCEDURES:

Frequencies (VHF) Radio call signs; Message composition; Radio checks; Calling procedures; Pre-flight checks; Ground procedures; In-flight procedures; General RTF guidelines; Pre-flight procedures for cross-country flights; Methods of transmitting times; establishment and closing of Radio Communication; Readability scale.

(iv) Messages:
Writing down important messages; Composition of messages;

(v) Communication Failure (VFR) Flights:

In the circuit; Away from the circuit.

(vi) Distress and Urgency Communication :

Frequencies (VHF); Emergency Procedures; Responsibilities for monitoring emergency frequency; Distress calls and messages; Urgency calls and messages; Action by aircraft in distress; Action by other aircraft; Acknowledgement of distress message; Distress traffic; Imposition of silence and cancellation of distress.

4. The oral and practical test in radio regulations and procedures shall be conducted on synthetic Radio Telephony Circuit or from the aircraft. The candidate shall be required to carry out communications associated with Aero-mobile Services and to prepare messages for transmission in connection with exchange of traffic, use of priorities, requesting DF assistance, obtaining meteorological information, passing position reports, transmitting distress, urgency, safety signals and DF procedures.

5. The centres and frequency of written examinations shall coincide with PPL examination.

6. The time duration for written examination shall be two hours while for practical test, it may be for half an hour.

7. The Practical test shall be conducted by a Board constituted by DGCA at the centres to be decided by DGCA depending upon the number of candidates who have qualified in written examination .

8. The fee for issue and renewal of FRTOL (R) shall be Rupees 100 as prescribed in CAR Section 7 series B part 1 dated the 23rd August 1993.

9. On amendment of the Aircraft Rules, 1937 to provide for Flight Radio Telephone Operator's Licence (FRTOL (R)), the said licence will be issued to pilots who have been successful in the examination as stipulated above.