

the aircraft rating of his licence and also on any aeroplane having an all-up-weight exceeding 5,700 kgs. and which is entered in his instructor's rating;

(ii) to supervise and authorise Solo flights by student pilots and supervise flying instructions imparted by Assistant Flight Instructors.

SECTION J. GLIDER PILOT'S LICENCE

1. Requirements for issue of licence.—An applicant for a Glider Pilot's licence shall satisfy the following requirements:

(a) *Age*.—He shall be not less than 16 years of age on the date of application;

(b) *Medical Fitness*.—He shall produce on a prescribed proforma a certificate of physical fitness from a registered medical practitioner after undergoing a medical examination during which he shall have established his medical fitness on the basis of compliance with the requirements as notified by the Director General under Rule 39B;

(c) *Knowledge*.—He shall pass an oral examination in the following subjects:

(i) *Air Regulations*.—including flight rules and air traffic control practices and procedures and regulations concerning operation of glider;

(ii) *Air Navigation*.—elementary principles including elementary knowledge and use of aeronautical maps and charts, time, magnetism, compasses, navigational instruments fitted in gliders and visual navigation;

(iii) *Aviation Meteorology*.—elementary aviation meteorology including significance of aerodrome meteorological observations and warnings; elementary knowledge in reading meteorological charts and of meteorological procedures relating to cross-country flights; salient features of Indian climatology;

(iv) *Aircraft & Instruments*.—including knowledge of aerodynamics and theory of flight; aircraft instruments; operating limitations, handling, care and preflight. The examination shall also include questions pertaining to the particular type of glider.

NOTE.—The examination shall be conducted by a Board constituted and approved by the Director General.

(d) *Experience*.—He shall produce evidence of having satisfactorily completed as pilot of a glider not less than 10 hours of flight time of which not less than 5 hours shall be of solo flight time and not less than 75 take-offs and landings of which not less than 25 solo take-offs and landings in a glider shall have been completed within a period of 6 months immediately preceding the date of application for licence;

(e) *Skill*.—He shall have demonstrated his competency to the satisfaction of the Examiner by undergoing the following flying tests on the type of glider to which the application for licence relates and within a period of 6 months immediately preceding the date of application:

The Flying Tests shall include a preflight inspection, checks and ground handling of a glider take-off, climb release of cable, turns, stalling, spinning and recovery; soaring landing and emergencies.