

New

REQUIREMENTS FOR GLIDER PILOT LICENSES

These will supplant the requirements announced in the September 30, 1937, issue of the Federal Register and are drawn up in accordance with suggestions from the Soaring Society of America.

STUDENT GLIDER PILOT RATING

AGE—Applicant shall be at least 14 years of age.

CHARACTER—Applicant shall be of good moral character.

CITIZENSHIP—Applicant may be a citizen of any nationality.

EDUCATION—Applicant shall be able to read, speak, write and understand the English language; except that a citizen of a country granting reciprocal pilot privileges to pilots of the United States on equal terms and conditions will not be required to meet the English language requirements.

PHYSICAL CONDITION—Applicant shall certify that to the best of his knowledge and belief he has no physical defect which renders him incompetent to pilot a glider.

AERONAUTICAL KNOWLEDGE—No minimum requirements.

AERONAUTICAL EXPERIENCE—No minimum requirements.

AERONAUTICAL SKILL—No minimum requirement but prior to his first solo flight a student glider pilot shall, in the opinion of his instructor, be deemed competent to make such solo flight.



PRIVATE GLIDER PILOT RATING

AGE—Same as for Student Glider Pilot rating.

CHARACTER—Same as for Student Glider Pilot rating.

CITIZENSHIP—Same as for Student Glider Pilot rating.

EDUCATION—Same as for Student Glider Pilot rating.

PHYSICAL CONDITION—Same as for Student Glider Pilot rating.

AERONAUTICAL KNOWLEDGE—Applicant shall be familiar with and accomplish satisfactorily a written examination of CAR 60 (Air Traffic Rules).

AERONAUTICAL EXPERIENCE—Applicant shall have completed at least 100 gliding flights, 25 of which shall have each included a 360 degree turn and at least 5 of the latter shall have been made within the 30 days preceding the date of filing the application.

AERONAUTICAL SKILL—Applicant shall demonstrate his ability to pilot a glider by satisfactorily making at least the following: one straight flight with normal take-off and landing within the airport, one flight with a 180 degree turn and downwind landing in wind of not more than 10 miles per hour velocity, one flight with a 360 degree turn to the right and a precision landing to within 200 ft. of a designated mark and one flight with a 360 degree turn to the left and a similar precision landing.



COMMERCIAL GLIDER PILOT RATING

AGE—Applicant shall be at least 18 years of age.

CHARACTER—Applicant shall be of good moral character.

CITIZENSHIP—Applicant shall be:

- (a) A citizen of the United States, or
- (b) A citizen of a foreign country which grants reciprocal commercial privileges to citizens of the United States on equal terms and conditions with citizens of such foreign country, or
- (c) An alien who has filed his declaration of intention to become a citizen of the United States and notifies the Secretary of the serial number of such declaration and of the date thereof and of the court in which it is filed; provided that the certificate of competency is, in such case subject to revocation if the holder does not

from time to time keep the Secretary advised of the status of the proceedings in court and does not diligently and successfully prosecute them and became admitted as a citizen.

EDUCATION—Applicant shall be able to read, speak, write and understand the English language.

PHYSICAL CONDITION—Applicant shall comply with the following minimum requirements: Provided, that the existence of a lesser grade or condition in one or more of the particulars mentioned may not disqualify the applicant if excellence in other particulars or excellence in aeronautical experience or in aeronautical skill offsets the deficiency in the opinion of the Secretary: Provided, however, That an increase of such deficiency, which occurs at any time within the effective period of the certificate and cannot be compensated for by some additional excellence (as in aeronautical experience or practical skill), will be ground for the revocation of such certificate.

(a) **Eye**—Applicant shall have a visual acuity of at least 20/50 in each eye separately without correction; provided that, if the vision in either or both eyes is poorer than 20/50 and is brought up to 20/30 or better in each such eye by glasses, the applicant may be qualified on condition that correcting glasses be worn while piloting aircraft. An average of 30 millimeters or less on the depth perception apparatus, with or without glasses, is required. If the depth perception is greater than 30 millimeters without correction and can be corrected to at least 30 millimeters by glasses, the restriction that correcting glasses be worn while piloting aircraft will apply. No diplopia will be allowed unless corrected by glasses in which case such glasses must be worn while piloting aircraft. There shall be no serious pathology of the eye.

(b) **Ear, Nose, Throat and Equilibrium**—Applicant shall be able to hear the whispered voice at three feet; shall have no acute or chronic disease of the internal ear, no disease or malformation of the nose or throat which may interfere with or be aggravated by flying and no disturbance in equilibrium.

(c) **General Physical Condition**—Applicant shall have no organic or functional disease or structural defect or limitation which might interfere with the safe piloting of aircraft.

(d) **Nervous System**—Applicant shall have no disease of the mental or nervous system and no abnormality of the personality.

AERONAUTICAL KNOWLEDGE—Same as for Private Glider Pilot Rating.

AERONAUTICAL EXPERIENCE—Applicant shall have completed at least 250 gliding flights, 100 of which shall each have included a 360 degree turn and at least 5 of the latter shall have been made within the 30 days preceding the date of filing the application. Applicant shall also have had at least 1 hour of instruction in recovery from stalls and spins in a Class 1 airplane by a certified instructor, evidenced by the signed entry of such instructor in the log book of the applicant.

AERONAUTICAL SKILL—Applicant shall demonstrate his ability to pilot a glider by satisfactorily making at least the following: one straight flight with normal take-off and landing within the airport, one flight with a 180 degree turn and downwind landing in wind of not more than 10 miles per hour velocity, one flight with a 360 degree turn to the right and a precision landing at a point not more than 100 feet beyond a designated line, one flight with a 360 degree turn to the left and a similar precision landing, and 2 flights including both right and left turns in the same flight.