UNITED STATES OF AMERICA
CIVIL AERONAUTICS BOARD
WASHINGTON, D. C.

Civil Air Regulations Amendment 20-10
Effective: March 20, 1951
Adopted: February 13, 1951

COLOR VISION REQUIREMENTS FOR PILOTS

Under current regulations applicants for commercial pilot certificates are required to meet the second-class physical standards. Such standards include a requirement for "normal fields of vision" which has been interpreted to require those applicants to have normal color vision. Under current requirements student and private pilots who are required to meet third-class physical standards have not had to demonstrate normal color vision. An amendment of Part 29, being adopted concurrently with this amendment, changes the color vision requirement for the second-class physical standard to make it more directly related to aviation safety, and for the first time adds a color vision requirement to the third-class physical standards. The amendments provide that applicants for all pilot certificates shall have the ability to distinguish aviation signal red, aviation signal green, and white. (See the amendment of Part 29 for details with respect to the changed requirements and the manner of administration thereof.) This amendment of Part 20 provides that an applicant who is unable to distinguish these aviation signal colors may still be issued a pilot certificate, restricted, however, to the exercise of the certificate privileges under such conditions, or with the use of such equipment, as will not require the ability to distinguish aviation signal colors.

Interested persons have been afforded an opportunity to participate in the making of this amendment, and due consideration has been given to all relevant matter presented.

In consideration of the foregoing the Civil Aeronautics Board hereby amends Part 20 of the Civil Air Regulations (14 CFR, Part 20, as amended) effective March 20, 1951:

1. By amending § 20.5 (a) to read as follows:

20.5 Physical standards.

(a) *Powered aircraft.* Applicant shall meet the physical standards of the third class prescribed in Part 29 of this subchapter: *Provided,* That an applicant who is unable to distinguish aviation signal red, aviation signal green, and white shall be issued an airman certificate appropriately endorsed to prohibit the holder thereof from exercising the privileges of such certificate except under such conditions, or with the use of such equipment, which would not require the ability to distingush such aviation signal colors.

2. By amending § 20.23 (a) to read as follows:

20.23 Physical standards.

(a) *Powered aircraft.* Applicant shall meet the physical standards of the third class prescribed in Part 29 of this subchapter: *Provided,* That an applicant who is unable to distinguish aviation signal red, aviation signal green, and white shall be issued an airman certificate appropriately endorsed to prohibit the holder thereof from exercising the privileges of such certificate except under such conditions, or with the use of such equipment, which would not require the ability to distinguish such aviation signal colors.

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3. By amending § 20.33 (a) to read as follows:

20.33 Physical standards.

(a) *Powered aircraft.* Applicant for a powered aircraft rating shall meet the physical standards of the second class prescribed in Part 29 of this subchapter: *Provided,* That an applicant who is unable to distinguish aviation signal red, aviation signal green, and white shall be issued an airman certificate appropriately endorsed to prohibit the holder thereof from exercising the privileges of such certificate except under such conditions, or with the use of such equipment, which would not require the ability to distinguish such aviation signal colors.

[Sec. 205 (a), 52 Stat. 984; 49 U. S. C. 425 (a). Interpret or apply secs. 601, 602, 52 Stat. 1007, 1008, 62 Stat. 1216; 49 U. S. C. 551, 552, Act of July 1, 1948.]

By the Civil Aeronautics Board:

/s/ M. C. Mulligan

M. C. Mulligan
Secretary

(S E A L)

Part 20 last printed August 1, 1949