

Acceptable Substitutes: (May be used following the directions accompanying the instruments) Farnsworth Lantern; OPTEC 900 Color Vision Test; Keystone Orthoscope; Keystone Telebinocular; OPTEC 2000 Vision Tester (Model Nos. 2000 PM, 2000 PAME, and 2000 PI); OPTEC 2500; Titmus Vision Tester; Titmus 2 Vision Tester (Model Nos. T2A and T2S); Titmus i400.

III. Aerospace Medical Disposition

An applicant meets the color vision standard if he/she passes any of the color vision tests listed in Examination Techniques, Item 52. Color Vision. If an applicant fails any of these tests, inform the applicant of the option of taking any of the other acceptable color vision tests listed in Item 52. Color Vision Examination Equipment and Techniques before requesting the Specialized Operational Medical Tests in Section D below.

Inform the applicant that if he/she takes and fails any component of the Specialized Operational Medical Tests in Section D, then he/she will not be permitted to take any of the remaining listed office-based color vision tests in Examination Techniques, Item 52. Color Vision as an attempt to remove any color vision limits or restrictions on their airman medical certificate. That pathway is no longer an option to the airman, and no new result will be considered.

An applicant does not meet the color vision standard if testing reveals:

A. All Classes

1. AOC (1965 edition) pseudoisochromatic plates: seven or more errors on plates 1-15.
2. AOC-HRR (second edition): Any error in test plates 7-11. Because the first 4 plates in the test book are for demonstration only, test plate 7 is actually the eleventh plate in the book. (See instruction booklet.)
3. Dvorine pseudoisochromatic plates (second edition, 15 plates): seven or more errors on plates 1-15.
4. Ishihara pseudoisochromatic plates: Concise 14-plate edition: six or more errors on plates 1-11; the 24-plate edition: seven or more errors on plates 1-15; the 38-plate edition: nine or more errors on plates 1-21.
5. Richmond (1983 edition) pseudoisochromatic plates: seven or more errors on plates 1-15.
6. OPTEC 900 Vision Tester and Farnsworth Lantern test: an average of more than one error per series of nine color pairs in series 2 and 3. (See instruction booklet.)
7. Titmus Vision Tester, Titmus 2 Vision Tester, Titmus i400, OPTEC 2000 Vision Tester, Keystone Orthoscope, or Keystone View Telebinocular: any errors in the six plates.
8. LKC Technologies, Inc., APT-5 Color Vision Tester: The letter must be correctly identified in at least two of the three presentations of each test condition. (See APT-5 screening chart for FAA-related testing in instruction booklet.)