

ACCEPTABLE TEST INSTRUMENTS FOR COLOR VISION SCREENING – PILOTS

(Updated 08/27/2025)

EFFECTIVE JAN 1, 2025, testing for pilots will be an approved computer-based color vision test. Testing must be performed in person. Virtual testing, downloaded, or printed versions of color vision tests are prohibited. AMEs must use these specific color vision tests for pilot evaluations.

The following are approved computerized color vision tests for FAA medical certification purposes.

- Follow the manufacturer’s guidelines to administer.
- Record **test name and all required scores** in Item 59.
- If applicable, upload computer-generated printout into AMCS as: **Eyes-Color Vision Test**.
- For more information, see [AME Information - Color Vision Screening Steps](#).
- For **ATCS** see the [Acceptable Test Instruments for Color Vision Screening of ATCS](#) chart or contact your [RFS](#) for any questions.

TEST	MINIMUM NUMBER CORRECT TO PASS
<p>Colour Assessment & Diagnosis (CAD test)</p> <ul style="list-style-type: none"> ▪ Version - Certification: “Environment and Aviation (Commercial).” ▪ If passes FAST version, no further testing is needed for color. ▪ If fails FAST version, the full definitive CAD must be completed. <p>Note: US or UK keyboard can be used</p>	<p>Score must be:</p> <p>RED GREEN (RG): 1.7 if normal Less than 6 if diagnosed as Deutan Less than 12 if diagnosed as Protan</p> <p>AND</p> <p>YELLOW BLUE (YB) - less than 2.4</p> <p>NOTE: An RG score of less than 1.7 indicates Normal. The RG passing score varies by diagnosis. Less than 6 indicates Deutan; and less than 12 indicates Protan.</p>
<p>Rabin Cone Test (RCCT) Air Force/Army/Navy/Coast Guard Version</p> <ul style="list-style-type: none"> ▪ Test each eye separately. ▪ Staircase version allowed. 	<p>Score must be 55 or higher for EACH color:</p> <p>RED GREEN BLUE</p>
<p>Waggoner Computerized Color Vision Test* Adult Diagnostic OR FAA Color Vision Test</p> <ul style="list-style-type: none"> ▪ Windows: Waggoner CCVT (WCCVT) – Waggoner Diagnostics ▪ iOS: Waggoner CCVT on the App Store (apple.com) ▪ Android: Waggoner CCVT <p>*What is tested in each section: Section 1: General screening for Protan (red) and Deutan (green) deficiency. Section 2: Genetic and acquired deficiencies. Section 3: Quantifies Protan (red) deficiency. Section 4: Quantifies Deutan (green) deficiency. Section 5: D-15 N/A for FAA purposes.</p> <p>NOTE: If applicant does not pass Section 1, Section 3 and 4 will be automatically given.</p>	<p>Score must be:</p> <p>General - 21 or higher (of 25); AND Tritan - 10 or higher (of 12)</p> <p>OR</p> <p>Protan - 20 or higher (of 32); AND Deutan - 20 or higher (of 32); AND Tritan - 10 or higher (of 12)</p>