

QUALITY OF VISION IN AVIATION



IMPORTANT NOTE

As written in the aviation regulations: "Any false statement made to a medical examiner by an applicant for a license or rating shall be reported to the licensing authorities...so that the licensing authorities may take such action as they deem necessary. Knowingly making a false statement is an offence under paragraph 7.3(1)(a) of the Aeronautics Act.

VISUAL EXAMINATION

When you are tested for eligibility to train as an aircraft pilot, you will be assessed to determine your vision against the CQFA and Transport Canada eye standards.

Any applicant who does not meet these standards will be automatically rejected. An applicant who is close to the Transport Canada and CQFA standards may be required to undergo further testing to determine if his or her condition will allow him or her to complete the program while maintaining medical certification.

It is not necessary to have your visual condition evaluated beforehand since specific tests are requested in the program and are not systematically done during a standard appointment.

The main validated elements are

- Myopia or hyperopia (under cycloplegia) greater than 3 diopters
- Strabismus
- Binocular vision
- Daltonism
- Diseases or lesions of the eye

EYE INJURY

Any candidate who has had an eye incident or accident (corneal tear, foreign body in the eye, etc.) must provide a complete report (consultation, treatment and follow-up).

Even though the eye exams will detect the eye injury, we must have your professional's report available at the time of the exam. Failure to provide this document may result in a delay in the analysis of the file, or even a refusal of admission to the program.

EYE SURGERY (LASER)

The operation (initial and repeat) must have taken place at least 3 months before March 1st of the year of admission to the program, if the prescription was less than + or - 6.00 diopters.

For a prescription greater than + or - 6.00 diopters, the procedure (initial or revision) must have taken place 6 months before March 1st of the year of admission to the program.

Thereafter, the student will have to be seen for a control 3 months and 6 months after the date of his surgery and provide the reports to the examining doctors for the study of his file.

VISUAL REQUIREMENTS

Note: the visual requirements presented here are subject to change without notice.

Visual acuity of 6/6 in distance and near vision for each eye measured separately, with or without correction (glasses or contact lenses).

In addition, if there is a correction, the refractive error must be within the standards accepted by the CQFA and Transport Canada.

The candidate shall have uncorrected visual acuity equal to at least 6/60 (20/200) for each eye separately and the refractive error shall not exceed (+) 3.0 diopters for hyperopia and (-) 3.0 diopters for myopia (including spherical equivalent).

Muscle balance in distance vision

Not more than 6° of esophoria, with fusional reserve of twice the phoria

Not more than 6° of exophoria, with fusional reserve of twice the phoria

Not more than 1° of hyperphoria, with fusional reserve of the double of the phoria.

Color vision

Candidates will be asked to take one of the following tests.

American Optical - 18 plates

Ishihara - 16 plates or 24 plates or 36 plates

Farnsworth D-15 Saturated

