

VISION QUALITY IN AVIATION



IMPORTANT NOTE

As written in aviation regulations, “Any false declaration made to a medical examiner by a candidate for a licence or rating will be reported to the licencing authorities [...] so that these services can take the measures that they deem necessary.”

EYE EXAMINATION

During the tests that aim to verify your admissibility for aircraft pilot training, you will be assessed to establish conformity of your vision with CQFA and Transport Canada oculo-visual norms.

The candidate who has a non-standard application will see it refused automatically. A candidate who almost meets Transport Canada and CQFA norms may have to take more stringent tests to determine if his or her condition will allow him or her to finish the program and retain medical certification.

It is not necessary to have your visual condition assessed beforehand since the program requires specific examinations that are not conducted systematically during a standard appointment.

The main elements to be validated are

- myopia or hypermetropia (under cycloplegia) above 3 diopters,
- strabismus,
- binocular vision,
- colour blindness and
- eye illnesses or lesions.

EYE INJURY

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

Even if eye examinations will detect ocular lesions suffered, we must have the report from your eye care professional during our examination. Any failure to provide this report may lead to a delay in file analysis and even refusal of admission to the program.

EYE SURGERY (LASER)

The (initial or revision) surgery must take place at least three 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 above + or - 6.00 diopters, the (initial or revision) surgery must have taken place 6 months before March 1st of the year of admission to the program.

Afterwards, the candidate must be seen for an examination 3 months and 6 months after the date of his or her operation and provide reports to medical examiners for application analysis.

VISUAL REQUIREMENTS

Note: The visual requirements presented here may change without advance notification.

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

Furthermore, if there is a correction, the refractive error must stand within norms accepted by the CQFA and Transport Canada.

The candidate will have visual acuity without any correction equal to at least 6/60 (20/200) in each eye taken separately and a refractive error that does not surpass (+) 3.0 diopters of hypermetropia and (-) 3.0 diopters of myopia (including the spherical equivalent).

Ocular muscle balance in far sight

- No more than 6 Δ of esophoria with double the fusional reserve of the phoria
- No more than 6 Δ of exophoria with double the fusional reserve of the phoria
- No more than 1 Δ of hyperphoria with double the fusional reserve of the phoria

Colour vision

Candidates will be called upon to take one of the following examinations.

- American Optical (18 plates)
- Ishihara (16 plates or 24 plates or 36 plates)
- Farnsworth Saturated D-15

