

AVIATION SPECIFICATIONS 7
MEDICAL STANDARDS

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1 Introduction and Applicability

- 1.1 Aviation Specifications 7 – Medical Standards (“AS-7”) is issued by the Director-General of Civil Aviation (“DGCA”) pursuant to the Air Navigation (67 – Aviation Medical Certification) Regulations 2026 (“ANR-67”) and sets out the standards of medical fitness applicable to an applicant for the grant or renewal of an Aviation Medical Certificate (“AMC”) under the ANR-67.
- 1.2 The level of medical fitness to be met for the renewal of an AMC shall be the same as that for the grant of an AMC except where otherwise specifically stated.

2 General Provisions for Any Class of Aviation Medical Certificate

Physical and mental requirements

- 2.1 An applicant for any class of AMC shall be required to be free from:
 - (a) any abnormality, congenital or acquired; or
 - (b) any active, latent, acute or chronic disability; or
 - (c) any wound, injury or sequelae from operation; or
 - (d) any effect or side-effect of any prescribed or non-prescribed therapeutic, diagnostic or preventive medication taken;such as would entail a degree of functional incapacity which is likely to interfere with the safe operation of an aircraft or with the safe performance of duties.

Colour perception requirements

- 2.2 The applicant shall be required to demonstrate the ability to perceive readily those colours the perception of which is necessary for the safe performance of duties.
- 2.3 An applicant obtaining a satisfactory result in the test determined by the DGCA shall be assessed as fit. An applicant failing to obtain a satisfactory result in such a test shall be assessed as unfit unless a fit assessment is made subject to the appropriate restriction as determined by the DGCA.

Hearing requirements

- 2.4 Applicants shall be required to demonstrate a hearing performance sufficient for the safe exercise of their licence and rating privileges.

3 Class 1 Aviation Medical Certificate Standards

Physical and mental requirements

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- 3.1 The applicant shall not suffer from any disease or disability which could render that applicant likely to become suddenly unable either to operate an aircraft safely or to perform assigned duties safely.
- 3.2 The applicant shall have no established medical history or clinical diagnosis of:
- (a) an organic mental disorder;
 - (b) a mental or behavioural disorder due to use of psychoactive substances; this includes dependence syndrome induced by alcohol or other psychoactive substances;
 - (c) schizophrenia or a schizotypal or delusional disorder;
 - (d) a mood (affective) disorder;
 - (e) a neurotic, stress-related or somatoform disorder;
 - (f) a behavioural syndrome associated with physiological disturbances or physical factors;
 - (g) a disorder of adult personality or behaviour, particularly if manifested by repeated overt acts;
 - (h) mental retardation;
 - (i) a disorder of psychological development;
 - (j) a behavioural or emotional disorder, with onset in childhood or adolescence; or
 - (k) a mental disorder not otherwise specified;
- such as might render the applicant unable to safely exercise the privileges of the licence applied for or held.
- 3.3 An applicant with depression, being treated with antidepressant medication, should be assessed as unfit unless the DGCA, having access to the details of the case concerned, considers the applicant's condition as unlikely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 3.4 The applicant shall have no established medical history or clinical diagnosis of any of the following:
- (a) a progressive or non-progressive disease of the nervous system, the effects of which are likely to interfere with the safe exercise of the applicant's licence and rating privileges;
 - (b) epilepsy; or
 - (c) any disturbance of consciousness without satisfactory medical explanation of cause.
- 3.5 The applicant shall not have suffered any head injury, the effects of which are likely to interfere with the safe exercise of the applicant's licence and rating privileges.

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- 3.6 The applicant shall not possess any abnormality of the heart, congenital or acquired, which is likely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 3.6.1 An applicant who has undergone coronary bypass grafting or angioplasty (with or without stenting) or other cardiac intervention or who has a history of myocardial infarction or who suffers from any other potentially incapacitating cardiac condition shall be assessed as unfit unless the applicant's cardiac condition has been investigated and evaluated in accordance with best medical practice and is assessed not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
- 3.6.2 An applicant with an abnormal cardiac rhythm shall be assessed as unfit unless the cardiac arrhythmia has been investigated and evaluated in accordance with best medical practice and is assessed not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
- 3.7 The systolic and diastolic blood pressures shall be within normal limits.
- 3.7.1 The use of drugs for control of high blood pressure shall be disqualifying except for those drugs, the use of which is compatible with the safe exercise of the applicant's licence and rating privileges.
- 3.8 There shall be no significant functional nor structural abnormality of the circulatory system.
- 3.9 There shall be no disability of the lungs nor any active disease of the structures of the lungs, mediastinum or pleurae likely to result in incapacitating symptoms during normal or emergency operations.
- 3.10 Applicants with chronic obstructive pulmonary disease shall be assessed as unfit unless the applicant's condition has been investigated and evaluated in accordance with best medical practice and is assessed not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
- 3.11 Applicants with asthma causing significant symptoms or likely to cause incapacitating symptoms during normal or emergency operations shall be assessed as unfit.
- 3.11.1 The use of drugs for control of asthma shall be disqualifying except for those drugs, the use of which is compatible with the safe exercise of the applicant's licence and rating privileges.
- 3.12 Applicants with active pulmonary tuberculosis shall be assessed as unfit.
- 3.12.1 Applicants with quiescent or healed lesions which are known to be tuberculous, or are presumably tuberculous in origin, may be assessed as fit.
- 3.13 Applicants with significant impairment of function of the gastrointestinal tract or its adnexa shall be assessed as unfit.
- 3.13.1 Applicants shall be completely free from those hernias that might give rise to incapacitating symptoms.
- 3.14 Applicants with sequelae of disease of, or surgical intervention on, any part of the digestive tract or its adnexa, likely to cause incapacitation in flight, in particular any obstruction due to stricture or compression, shall be assessed as unfit.

- 3.14.1 An applicant who has undergone a major surgical operation on the biliary passages or the digestive tract or its adnexa with a total or partial excision or a diversion of any of these organs should be assessed as unfit until such time as the DGCA, having access to the details of the operation concerned, considers that the effects of the operation are not likely to cause incapacitation in flight.
- 3.15 Applicants with metabolic, nutritional or endocrine disorders that are likely to interfere with the safe exercise of their licence and rating privileges shall be assessed as unfit.
- 3.16 Applicants with insulin-treated diabetes mellitus shall be assessed as unfit unless the DGCA, having access to the details of the case, considers that necessary conditions are met by the applicant for the insulin treatment to be not likely to cause incapacitation in flight conditions, and with the appropriate restriction in place.
- 3.16.1 Applicants with non-insulin-treated diabetes mellitus shall be assessed as unfit unless the condition is shown to be satisfactorily controlled by diet alone or by diet combined with oral anti-diabetic medication, the use of which is compatible with the safe exercise of the applicant's licence and rating privileges.
- 3.17 Applicants with diseases of the blood and/or the lymphatic system shall be assessed as unfit unless adequately investigated and their condition found unlikely to interfere with the safe exercise of their licence and rating privileges.
- 3.18 Applicants with renal or genito-urinary disease shall be assessed as unfit, unless adequately investigated and their condition found unlikely to interfere with the safe exercise of their licence and rating privileges.
- 3.19 Applicants with sequelae of disease of or surgical procedures on the kidneys or the genito-urinary tract, in particular obstructions due to stricture or compression, shall be assessed as unfit unless the applicant's condition has been investigated and evaluated in accordance with best medical practice and is assessed not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
- 3.19.1 Applicants who have undergone nephrectomy shall be assessed as unfit unless the condition is well compensated.
- 3.20 Applicants who are seropositive for HIV shall be assessed as unfit unless the applicant's condition has been investigated and evaluated in accordance with best medical practice and is assessed as not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
- 3.21 Applicants who are pregnant shall be assessed as unfit unless obstetrical evaluation and continued medical supervision indicate a low-risk uncomplicated pregnancy.
- 3.21.1 For applicants with a low-risk uncomplicated pregnancy as evaluated and supervised in accordance with 3.21, the fit assessment should be limited to the period from the end of the 12th week until the end of the 26th week of gestation.
- 3.22 Following confinement or termination of pregnancy, the applicant shall not be permitted to exercise the privileges of her licence until she has undergone re-evaluation in accordance with best medical practice and it has been determined that she is able to safely exercise the privileges of her licence and ratings.

3.23 The applicant shall not possess any abnormality of the bones, joints, muscles, tendons or related structures which is likely to interfere with the safe exercise of the applicant's licence and rating privileges.

3.23.1 Any sequelae after lesions affecting the bones, joints, muscles or tendons, and certain anatomical defects may require functional assessment to determine fitness.

3.24 The applicant shall not possess any abnormality or disease of the ear or related structures which is likely to interfere with the safe exercise of the applicant's licence and rating privileges.

3.24.1 There shall be:

- (a) no disturbance of vestibular function;
- (b) no significant dysfunction of the Eustachian tubes; and
- (c) no unhealed perforation of the tympanic membranes.

3.24.2 A single dry perforation of the tympanic membrane may not render the applicant unfit.

3.25 There shall be:

- (a) no nasal obstruction; and
- (b) no malformation nor any disease of the buccal cavity or upper respiratory tract,

which is likely to interfere with the safe exercise of the applicant's licence and rating privileges.

3.26 Applicants with stuttering or other speech defects sufficiently severe to cause impairment of speech communication shall be assessed as unfit.

Visual requirements

3.27 The function of the eyes and their adnexa shall be normal. There shall be no active pathological condition, acute or chronic, nor any sequelae of surgery or trauma of the eyes or their adnexa likely to reduce proper visual function to an extent that would interfere with the safe exercise of the applicant's licence and rating privileges.

3.28 Distant visual acuity with or without correction shall be 6/9 or better in each eye separately, and binocular visual acuity shall be 6/6 or better. No limits apply to uncorrected visual acuity. Where this standard of visual acuity can be obtained only with correcting lenses, the applicant may be assessed as fit provided that:

- (a) such correcting lenses are worn during the exercise of the privileges of the licence or rating applied for or held; and
- (b) in addition, a pair of suitable correcting spectacles is kept readily available during the exercise of the privileges of the applicant's licence.

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- 3.28.1 An applicant accepted as meeting these provisions is deemed to continue to do so unless there is reason to suspect otherwise, in which case an ophthalmic report is required at the discretion of the DGCA. Conditions which indicate a need to obtain an ophthalmic report include: a substantial decrease in the uncorrected visual acuity, any decrease in best corrected visual acuity, and the occurrence of eye disease, eye injury or eye surgery.
- 3.28.2 Applicants may use contact lenses to meet this requirement provided that:
- (a) the lenses are monofocal and non-tinted;
 - (b) the lenses are well tolerated; and
 - (c) a pair of suitable correcting spectacles is kept readily available during the exercise of the licence privileges.
- 3.28.3 Applicants with a large refractive error shall use contact lenses or high-index spectacle lenses.
- 3.28.4 Applicants with severe myopia of 6.00 Dioptres or more in either eye shall be required to provide a full ophthalmic report for the initial medical examination and every five years thereafter to:
- (a) ascertain normal visual performance, and
 - (b) identify any significant pathology.
- 3.29 Applicants who have undergone surgery affecting the refractive status of the eye shall be assessed as unfit unless they are free from those sequelae which are likely to interfere with the safe exercise of their licence and rating privileges.
- 3.30 The applicant shall have the ability to read, while wearing the correcting lenses, if any, required by 3.28, the N5 chart or its equivalent at a distance selected by that applicant in the range of 30 to 50 cm and the ability to read the N14 chart or its equivalent at a distance of 100 cm. If this requirement is met only by the use of near correction, the applicant may be assessed as fit provided that this near correction is added to the spectacle correction already prescribed in accordance with 3.28; if no such correction is prescribed, a pair of spectacles for near use shall be kept readily available during the exercise of the privileges of the licence. When near correction is required, the applicant shall demonstrate that one pair of spectacles is sufficient to meet both distant and near visual requirements.
- 3.30.1 An applicant who needs near correction to meet this requirement may require “look-over”, bifocal or multifocal lenses in order to read the instruments and a chart or manual held in the hand, and also to make use of distant vision, through the windscreen, without removing the lenses. Single-vision near correction (full lenses of one power only, appropriate for reading) significantly reduces distant visual acuity and is therefore not acceptable.
- 3.30.2 When near correction is required in accordance with 3.30, a second pair of near-correction spectacles shall be kept available for immediate use.
- 3.31 The applicant shall be required to have normal fields of vision.
- 3.32 The applicant shall be required to have normal binocular function.

- 3.32.1 Reduced stereopsis, abnormal convergence not interfering with near vision, and ocular misalignment where the fusional reserves are sufficient to prevent asthenopia and diplopia may not be disqualifying.

Hearing requirements

- 3.33 The applicant, when tested on a pure-tone audiometer, shall not have a hearing loss, in either ear separately, of more than 35 dB at any of the frequencies 500, 1 000 or 2 000 Hz, or more than 50 dB at 3 000 Hz.

3.33.1 An applicant with a hearing loss greater than the above may be assessed as fit provided that the applicant has normal hearing performance against a background noise that reproduces or simulates the masking properties of flight deck noise upon speech and beacon signals. The speech material for discrimination testing must include both aviation-relevant phrases and phonetically balanced words.

3.33.2 Alternatively, the DGCA may use a practical hearing test conducted in flight in the cockpit of an aircraft of the type for which the applicant's licence and ratings are valid.

4 Class 2 Aviation Medical Certificate Standards

Physical and mental requirements

- 4.1 The applicant shall not suffer from any disease or disability which could render that applicant likely to become suddenly unable either to operate an aircraft safely or to perform assigned duties safely.
- 4.2 The applicant shall have no established medical history or clinical diagnosis of:
- (a) an organic mental disorder;
 - (b) a mental or behavioural disorder due to psychoactive substance use; this includes dependence syndrome induced by alcohol or other psychoactive substances;
 - (c) schizophrenia or a schizotypal or delusional disorder;
 - (d) a mood (affective) disorder;
 - (e) a neurotic, stress-related or somatoform disorder;
 - (f) a behavioural syndrome associated with physiological disturbances or physical factors;
 - (g) a disorder of adult personality or behaviour, particularly if manifested by repeated overt acts;
 - (h) mental retardation;
 - (i) a disorder of psychological development;
 - (j) a behavioural or emotional disorder, with onset in childhood or adolescence; or

(k) a mental disorder not otherwise specified;

such as might render the applicant unable to safely exercise the privileges of the licence applied for or held.

- 4.3 An applicant with depression, being treated with antidepressant medication, should be assessed as unfit unless the medical assessor, having access to the details of the case concerned, considers the applicant's condition as unlikely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 4.4 The applicant shall have no established medical history or clinical diagnosis of any of the following:
- (a) a progressive or non-progressive disease of the nervous system, the effects of which are likely to interfere with the safe exercise of the applicant's licence and rating privileges;
 - (b) epilepsy;
 - (c) any disturbance of consciousness without satisfactory medical explanation of cause.
- 4.5 The applicant shall not have suffered any head injury, the effects of which are likely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 4.6 The applicant shall not possess any abnormality of the heart, congenital or acquired, which is likely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 4.6.1 An applicant who has undergone coronary bypass grafting or angioplasty (with or without stenting) or other cardiac intervention or who has a history of myocardial infarction or who suffers from any other potentially incapacitating cardiac condition shall be assessed as unfit unless the applicant's cardiac condition has been investigated and evaluated in accordance with best medical practice and is assessed not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
 - 4.6.2 An applicant with an abnormal cardiac rhythm shall be assessed as unfit unless the cardiac arrhythmia has been investigated and evaluated in accordance with best medical practice and is assessed not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
- 4.7 The systolic and diastolic blood pressures shall be within normal limits.
- 4.7.1 The use of drugs for control of high blood pressure shall be disqualifying except for those drugs, the use of which is compatible with the safe exercise of the applicant's licence and rating privileges.
- 4.8 There shall be no significant functional nor structural abnormality of the circulatory system.
- 4.9 There shall be no disability of the lungs nor any active disease of the structures of the lungs, mediastinum or pleura likely to result in incapacitating symptoms during normal or emergency operations.

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- 4.10 Applicants with chronic obstructive pulmonary disease shall be assessed as unfit unless the applicant's condition has been investigated and evaluated in accordance with best medical practice and is assessed not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
- 4.11 Applicants with asthma causing significant symptoms or likely to cause incapacitating symptoms during normal or emergency operations shall be assessed as unfit.
- 4.11.1 The use of drugs for control of asthma shall be disqualifying except for those drugs, the use of which is compatible with the safe exercise of the applicant's licence and rating privileges.
- 4.12 Applicants with active pulmonary tuberculosis shall be assessed as unfit.
- 4.12.1 Applicants with quiescent or healed lesions, known to be tuberculous or presumably tuberculous in origin, may be assessed as fit.
- 4.13 Applicants with significant impairment of the function of the gastrointestinal tract or its adnexa shall be assessed as unfit.
- 4.13.1 Applicants shall be completely free from those hernias that might give rise to incapacitating symptoms.
- 4.14 Applicants with sequelae of disease of or surgical intervention on any part of the digestive tract or its adnexa, likely to cause incapacitation in flight, in particular any obstruction due to stricture or compression, shall be assessed as unfit.
- 4.14.1 An applicant who has undergone a major surgical operation on the biliary passages or the digestive tract or its adnexa with a total or partial excision or a diversion of any of these organs should be assessed as unfit until such time as the DGCA, having access to the details of the operation concerned, considers that the effects of the operation are not likely to cause incapacitation in flight.
- 4.15 Applicants with metabolic, nutritional or endocrine disorders that are likely to interfere with the safe exercise of their licence and rating privileges shall be assessed as unfit.
- 4.16 Applicants with insulin-treated diabetes mellitus shall be assessed as unfit unless the DGCA, having access to the details of the case, considers that necessary conditions are met by the applicant for the insulin treatment to be not likely to cause incapacitation in flight conditions, and with the appropriate restriction in place.
- 4.16.1 Applicants with non-insulin-treated diabetes mellitus shall be assessed as unfit unless the condition is shown to be satisfactorily controlled by diet alone or by diet combined with oral anti-diabetic medication, the use of which is compatible with the safe exercise of the applicant's licence and rating privileges.
- 4.17 Applicants with diseases of the blood and/or the lymphatic system shall be assessed as unfit unless adequately investigated and their condition found unlikely to interfere with the safe exercise of their licence and rating privileges.
- 4.18 Applicants with renal or genito-urinary disease shall be assessed as unfit unless adequately investigated and their condition found unlikely to interfere with the safe exercise of their licence and rating privileges.

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- 4.19 Applicants with sequelae of disease of, or surgical procedures on, the kidneys or the genitourinary tract, in particular obstructions due to stricture or compression, shall be assessed as unfit unless the applicant's condition has been investigated and evaluated in accordance with best medical practice and is assessed not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
- 4.19.1 Applicants who have undergone nephrectomy shall be assessed as unfit unless the condition is well compensated.
- 4.20 Applicants who are seropositive for HIV shall be assessed as unfit unless the applicant's condition has been investigated and evaluated in accordance with best medical practice and is assessed as not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
- 4.21 Applicants who are pregnant shall be assessed as unfit unless obstetrical evaluation and continued medical supervision indicate a low-risk uncomplicated pregnancy.
- 4.21.1 For applicants with a low-risk uncomplicated pregnancy as evaluated and supervised in accordance with 4.21, the fit assessment should be limited to the period from the end of the 12th week until the end of the 26th week of gestation.
- 4.22 Following confinement or termination of pregnancy, the applicant shall not be permitted to exercise the privileges of her licence until she has undergone re-evaluation in accordance with best medical practice and it has been determined that she is able to safely exercise the privileges of her licence and ratings.
- 4.23 The applicant shall not possess any abnormality of the bones, joints, muscles, tendons or related structures which is likely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 4.23.1 Any sequelae after lesions affecting the bones, joints, muscles or tendons, and certain anatomical defects may require functional assessment to determine fitness.
- 4.24 The applicant shall not possess any abnormality or disease of the ear or related structures which is likely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 4.24.1 There shall be:
- (a) no disturbance of the vestibular function;
 - (b) no significant dysfunction of the Eustachian tubes; and
 - (c) no unhealed perforation of the tympanic membranes.
- 4.24.2 A single dry perforation of the tympanic membrane may not render the applicant unfit.
- 4.25 There shall be:
- (a) no nasal obstruction; and
 - (b) no malformation nor any disease of the buccal cavity or upper respiratory tract,

which is likely to interfere with the safe exercise of the applicant's licence and rating privileges.

- 4.26 Applicants with stuttering and other speech defects sufficiently severe to cause impairment of speech communication shall be assessed as unfit.

Visual requirements

- 4.27 The function of the eyes and their adnexa shall be normal. There shall be no active pathological condition, acute or chronic, nor any sequelae of surgery or trauma of the eyes or their adnexa likely to reduce proper visual function to an extent that would interfere with the safe exercise of the applicant's licence and rating privileges.

- 4.28 Distant visual acuity with or without correction shall be 6/12 or better in each eye separately, and binocular visual acuity shall be 6/9 or better. No limits apply to uncorrected visual acuity. Where this standard of visual acuity can be obtained only with correcting lenses, the applicant may be assessed as fit provided that:

- (a) such correcting lenses are worn during the exercise of the privileges of the licence or rating applied for or held; and
- (b) in addition, a pair of suitable correcting spectacles is kept readily available during the exercise of the privileges of the applicant's licence.

- 4.28.1 An applicant accepted as meeting these provisions is deemed to continue to do so unless there is reason to suspect otherwise, in which case an ophthalmic report is required at the discretion of the DGCA. Conditions which indicate a need to obtain an ophthalmic report include: a substantial decrease in the uncorrected visual acuity, any decrease in best corrected visual acuity, and the occurrence of eye disease, eye injury or eye surgery.

- 4.28.2 Applicants may use contact lenses to meet [the requirement in 4.28](#) provided that:

- (a) the lenses are monofocal and non-tinted;
- (b) the lenses are well tolerated; and
- (c) a pair of suitable correcting spectacles is kept readily available during the exercise of the licence privileges.

- 4.28.3 Applicants with a large refractive error shall use contact lenses or high-index spectacle lenses.

- 4.28.4 Applicants with severe myopia of 6.00 Dioptres or more in either eye shall be required to provide a full ophthalmic report for the initial medical examination and every five years thereafter to:

- (a) ascertain normal visual performance; and
- (b) identify any significant pathology.

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- 4.29 Applicants who have undergone surgery affecting the refractive status of the eye shall be assessed as unfit unless they are free from those sequelae which are likely to interfere with the safe exercise of their licence and rating privileges.
- 4.30 The applicant shall have the ability to read, while wearing the correcting lenses, if any, required by 4.28, the N5 chart or its equivalent at a distance selected by that applicant in the range of 30 to 50 cm. If this requirement is met only by the use of near correction, the applicant may be assessed as fit provided that this near correction is added to the spectacle correction already prescribed in accordance with 4.28; if no such correction is prescribed, a pair of spectacles for near use shall be kept readily available during the exercise of the privileges of the licence. When near correction is required, the applicant shall demonstrate that one pair of spectacles is sufficient to meet both distant and near visual requirements.
- 4.30.1 An applicant who needs near correction to meet the requirement will require “look-over”, bifocal or multifocal lenses in order to read the instruments and a chart or manual held in the hand, and also to make use of distant vision, through the windscreen, without removing the lenses. Single-vision near correction (full lenses of one power only, appropriate for reading) significantly reduces distant visual acuity and is therefore not acceptable.
- 4.30.2 When near correction is required in accordance with 4.30, a second pair of near-correction spectacles shall be kept available for immediate use.
- 4.31 The applicant shall be required to have normal fields of vision.
- 4.32 The applicant shall be required to have normal binocular function.
- 4.32.1 Reduced stereopsis, abnormal convergence not interfering with near vision, and ocular misalignment where the fusional reserves are sufficient to prevent asthenopia and diplopia need not be disqualifying.

Hearing requirements

- 4.33 Applicants who are unable to hear an average conversational voice in a quiet room, using both ears, at a distance of 2 m from the examiner and with the back turned to the examiner, shall be assessed as unfit.
- 4.34 When tested by pure-tone audiometry, an applicant with a hearing loss, in either ear separately, of more than 35 dB at any of the frequencies 500, 1 000 or 2 000 Hz, or more than 50 dB at 3 000 Hz, shall be assessed as unfit.
- 4.34.1 An applicant who does not meet the requirements in 4.34 or 4.35 may be assessed as fit provided that the applicant has normal hearing performance against a background noise that reproduces or simulates the masking properties of flight deck noise upon speech and beacon signals. The speech material for discrimination testing must include both aviation-relevant phrases and phonetically balanced words.
- 4.34.2 Alternatively, the DGCA may use a practical hearing test conducted in flight in the cockpit of an aircraft of the type for which the applicant’s licence and ratings are valid.

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5 Class 3 Aviation Medical Certificate Standards

Physical and mental requirements

- 5.1 The applicant shall not suffer from any disease or disability which could render that applicant likely to become suddenly unable to perform duties safely.
- 5.2 The applicant shall have no established medical history or clinical diagnosis of:
- (a) an organic mental disorder;
 - (b) a mental or behavioural disorder due to psychoactive substance use; this includes dependence syndrome induced by alcohol or other psychoactive substances;
 - (c) schizophrenia or a schizotypal or delusional disorder;
 - (d) a mood (affective) disorder;
 - (e) a neurotic, stress-related or somatoform disorder;
 - (f) a behavioural syndrome associated with physiological disturbances or physical factors;
 - (g) a disorder of adult personality or behaviour, particularly if manifested by repeated overt acts;
 - (h) mental retardation;
 - (i) a disorder of psychological development;
 - (j) a behavioural or emotional disorder, with onset in childhood or adolescence; or
 - (k) a mental disorder not otherwise specified;
- such as might render the applicant unable to safely exercise the privileges of the licence applied for or held
- 5.3 An applicant with depression, being treated with antidepressant medication, should be assessed as unfit unless the medical assessor, having access to the details of the case concerned, considers the applicant's condition as unlikely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 5.4 The applicant shall have no established medical history or clinical diagnosis of any of the following:
- (a) a progressive or non-progressive disease of the nervous system, the effects of which are likely to interfere with the safe exercise of the applicant's licence and rating privileges;
 - (b) epilepsy; or
 - (c) any disturbance of consciousness without satisfactory medical explanation of cause.

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- 5.5 The applicant shall not have suffered any head injury, the effects of which are likely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 5.6 The applicant shall not possess any abnormality of the heart, congenital or acquired, which is likely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 5.6.1 An applicant who has undergone coronary bypass grafting or angioplasty (with or without stenting) or other cardiac intervention or who has a history of myocardial infarction or who suffers from any other potentially incapacitating cardiac condition shall be assessed as unfit unless the applicant's cardiac condition has been investigated and evaluated in accordance with best medical practice and is assessed not likely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 5.6.2 An applicant with an abnormal cardiac rhythm shall be assessed as unfit unless the cardiac arrhythmia has been investigated and evaluated in accordance with best medical practice and is assessed not likely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 5.7 The systolic and diastolic blood pressures shall be within normal limits.
- 5.7.1 The use of drugs for control of high blood pressure is disqualifying except for those drugs, the use of which is compatible with the safe exercise of the applicant's licence privileges.
- 5.8 There shall be no significant functional nor structural abnormality of the circulatory system.
- 5.9 There shall be no disability of the lungs nor any active disease of the structures of the lungs, mediastinum or pleurae likely to result in incapacitating symptoms.
- 5.10 Applicants with chronic obstructive pulmonary disease shall be assessed as unfit unless the applicant's condition has been investigated and evaluated in accordance with best medical practice and is assessed not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
- 5.11 Applicants with asthma causing significant symptoms or likely to cause incapacitating symptoms shall be assessed as unfit.
- 5.11.1 The use of drugs for control of asthma shall be disqualifying except for those drugs, the use of which is compatible with the safe exercise of the applicant's licence and rating privileges.
- 5.12 Applicants with active pulmonary tuberculosis shall be assessed as unfit.
- 5.12.1 Applicants with quiescent or healed lesions, known to be tuberculous or presumably tuberculous in origin, may be assessed as fit.
- 5.13 Applicants with significant impairment of the function of the gastrointestinal tract or its adnexae shall be assessed as unfit.
- 5.13.1 Applicants shall be completely free from those hernias that might give rise to incapacitating symptoms.

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- 5.14 Applicants with sequelae of disease of or surgical intervention on any part of the digestive tract or its adnexa, likely to cause incapacitation, in particular any obstructions due to stricture or compression, shall be assessed as unfit.
- 5.14.1 An applicant who has undergone a major surgical operation on the biliary passages or the digestive tract or its adnexa, with a total or partial excision or a diversion of any of these organs should be assessed as unfit until such time as the DGCA, having access to the details of the operation concerned, considers that the effects of the operation are not likely to cause incapacitation.
- 5.15 Applicants with metabolic, nutritional or endocrine disorders that are likely to interfere with the safe exercise of their licence and rating privileges shall be assessed as unfit.
- 5.16 Applicants with insulin-treated diabetes mellitus shall be assessed as unfit unless the DGCA, having access to the details of the case, considers that necessary conditions are met by the applicant for the insulin treatment to be not likely to cause incapacitation during control duties, and with the appropriate restriction accompanying.
- 5.16.1 Applicants with non-insulin-treated diabetes shall be assessed as unfit unless the condition is shown to be satisfactorily controlled by diet alone or by diet combined with oral anti-diabetic medication, the use of which is compatible with the safe exercise of the applicant's licence and rating privileges.
- 5.17 Applicants with diseases of the blood and/or the lymphatic system shall be assessed as unfit, unless adequately investigated and their condition found unlikely to interfere with the safe exercise of their licence and rating privileges.
- 5.18 Applicants with renal or genito-urinary disease shall be assessed as unfit unless adequately investigated and their condition found unlikely to interfere with the safe exercise of their licence and rating privileges.
- 5.19 Applicants with sequelae of disease of, or surgical procedures on the kidneys or the genito-urinary tract, in particular obstructions due to stricture or compression, shall be assessed as unfit unless the applicant's condition has been investigated and evaluated in accordance with best medical practice and is assessed not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
- 5.19.1 Applicants who have undergone nephrectomy shall be assessed as unfit unless the condition is well compensated.
- 5.20 Applicants who are seropositive for HIV shall be assessed as unfit unless the applicant's condition has been investigated and evaluated in accordance with best medical practice and is assessed as not likely to interfere with the safe exercise of the applicant's licence or rating privileges.
- 5.21 Applicants who are pregnant shall be assessed as unfit unless obstetrical evaluation and continued medical supervision indicate a low-risk uncomplicated pregnancy.
- 5.21.1 During the gestational period, precautions must be taken for the timely relief of the applicant in the event of early onset of labour or other complications.
- 5.21.2 For applicants with a low-risk uncomplicated pregnancy, evaluated and supervised in accordance with 5.21, the fit assessment must be limited to the period until the end of the 34th week of gestation.

- 5.22 Following confinement or termination of pregnancy the applicant shall not be permitted to exercise the privileges of her licence until she has undergone re-evaluation in accordance with best medical practice and it has been determined that she is able to safely exercise the privileges of her licence and ratings.
- 5.23 The applicant shall not possess any abnormality of the bones, joints, muscles, tendons or related structures which is likely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 5.23.1 Any sequelae after lesions affecting the bones, joints, muscles or tendons, and certain anatomical defects may require functional assessment to determine fitness.
- 5.24 The applicant shall not possess any abnormality or disease of the ear or related structures which is likely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 5.25 There shall be no malformation nor any disease of the nose, buccal cavity or upper respiratory tract which is likely to interfere with the safe exercise of the applicant's licence and rating privileges.
- 5.26 Applicants with stuttering or other speech defects sufficiently severe to cause impairment of speech communication shall be assessed as unfit.

Visual requirements

- 5.27 The function of the eyes and their adnexa shall be normal. There shall be no active pathological condition, acute or chronic, nor any sequelae of surgery or trauma of the eyes or their adnexa likely to reduce proper visual function to an extent that would interfere with the safe exercise of the applicant's licence and rating privileges.
- 5.28 Distant visual acuity with or without correction shall be 6/9 or better in each eye separately, and binocular visual acuity shall be 6/6 or better. No limits apply to uncorrected visual acuity. Where this standard of visual acuity can be obtained only with correcting lenses, the applicant may be assessed as fit provided that:
- (a) such correcting lenses are worn during the exercise of the privileges of the licence or rating applied for or held; and
- (b) in addition, a pair of suitable correcting spectacles is kept readily available during the exercise of the privileges of the applicant's licence.
- 5.28.1 An applicant accepted as meeting these provisions is deemed to continue to do so unless there is reason to suspect otherwise, in which case an ophthalmic report is required at the discretion of the DGCA. Conditions which indicate a need to obtain an ophthalmic report include: a substantial decrease in the uncorrected visual acuity, any decrease in best corrected visual acuity, and the occurrence of eye disease, eye injury or eye surgery.
- 5.28.2 Applicants may use contact lenses to meet this requirement provided that:
- (a) the lenses are monofocal and non-tinted;
- (b) the lenses are well tolerated; and

- (c) a pair of suitable correcting spectacles is kept readily available during the exercise of the licence privileges.
- 5.28.3 Applicants with a large refractive error shall use contact lenses or high-index spectacle lenses.
- 5.28.4 Applicants with severe myopia of 6.00 Dioptres or more in either eye shall be required to provide a full ophthalmic report prior to initial Medical Assessment and every five years thereafter to:
 - (a) ascertain normal visual performance, and
 - (b) identify any significant pathology.
- 5.29 Applicants who have undergone surgery affecting the refractive status of the eye shall be assessed as unfit unless they are free from those sequelae which are likely to interfere with the safe exercise of their licence and rating privileges.
- 5.30 The applicant shall have the ability to read, while wearing the correcting lenses, if any, required by 5.28, the N5 chart or its equivalent at a distance selected by that applicant in the range of 30 to 50 cm and the ability to read the N14 chart or its equivalent at a distance of 100 cm. If this requirement is met only by the use of near correction, the applicant may be assessed as fit provided that this near correction is added to the spectacle correction already prescribed in accordance with 5.28; if no such correction is prescribed, a pair of spectacles for near use shall be kept readily available during the exercise of the privileges of the licence. When near correction is required, the applicant shall demonstrate that one pair of spectacles is sufficient to meet both distant and near visual requirements.
 - 5.30.1 An applicant who needs near correction to meet the requirement will require “look-over”, bifocal or multi-focal lenses in order to read radar screens, visual displays and written or printed material and also to make use of distant vision, through the windows, without removing the lenses. Single-vision near correction (full lenses of one power only, appropriate for reading) may be acceptable for certain air traffic control or remote pilot duties if assessed that the single-vision near correction does not significantly reduces distant visual acuity.
 - 5.30.2 When near correction is required in accordance with 5.30, a second pair of near-correction spectacles shall be kept available for immediate use.
- 5.31 The applicant shall be required to have normal fields of vision.
- 5.32 The applicant shall be required to have normal binocular function.
 - 5.32.1 Reduced stereopsis, abnormal convergence not interfering with near vision, and ocular misalignment where the fusional reserves are sufficient to prevent asthenopia and diplopia may not be disqualifying.

Hearing requirements

- 5.33 The applicant, when tested on a pure-tone audiometer shall not have a hearing loss, in either ear separately, of more than 35 dB at any of the frequencies 500, 1 000 or 2 000 Hz, or more than 50 dB at 3 000 Hz.

AS 7 – Medical Standards

- 5.33.1 An applicant with a hearing loss greater than the above may be assessed as fit provided that the applicant has normal hearing performance against a background noise that reproduces or simulates that experienced in a typical air traffic control or remote pilot working environment. The speech material for discrimination testing must include both aviation-relevant phrases and phonetically balanced words.
- 5.33.2 Alternatively, the DGCA may use a practical hearing test conducted in an air traffic control environment representative of the one for which the applicant's licence and ratings are valid.