



GOVERNMENT OF INDIA
CIVIL AVIATION DEPARTMENT
DIRECTOR GENERAL OF CIVIL AVIATION

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Subject: General Instructions for Conduct of Class 1 Medical Examinations and Special Class 2, Class 3 Medical Examinations

DGCA has empanelled **03 IAF Boarding Centres, 17 IAF Renewal Centres, 08 Private Hospitals and 42 Class 1 Medical Examiners** for conduct of Medical Examination of DGCA Licence holders. This circular lays down the general guidelines for the licence holders undergoing Class 1 medical examination and referred cases of Special Class 2 & Class 3 Medical Examinations.

1. Applicant should be 17 yrs and above for undergoing Class-I Initial Medical Examination.
2. Licence holders/ applicants should report to medical centre as per the timings given below:
 - (a) 0730 hrs for medical examination at all IAF Medical Centres.
 - (b) For DGCA Empanelled Private Hospitals (Civil Centres) and Medical Examiners as per appointment date & time.
3. The medical examinations will take 1-3 days for completion depending upon investigations required and clinical findings. Applicants/ aircrew need to make their own arrangements for travel and accommodation.
4. The applicants shall report empty stomach to the Medical Centres. The applicants shall also ensure that their ears are cleaned of wax before the examination.
5. Aircrew need to carry the following:-
 - (a) Copy of the last Medical Assessment & CA-35.
 - (b) Photo ID (the one used on eGCA)
 - (c) If using spectacles, carry spectacles and a copy of fresh prescription of spectacles by an optometrist.
 - (d) NOC for delayed/ early/ special medical issued by DGCA (if granted).
 - (e) Any specialist opinion/ report/ certificate/ opinion that was asked for during the previous medical examination(s).

(f) Receipt of online deposit of DGCA Medical Licensing Fee and Investigations charges as applicable (Please refer para 7) in two copies. Kindly use <https://bharatkosh.gov.in> portal for depositing fee. User guide is available at link <https://bharatkosh.gov.in/static/Userguide.aspx>.

6. Additional requirements for Serving Armed Forces pilots and FATA pilots:-

(a) Serving officers of Indian Army/ Indian Navy / IAF/ Coast Guard shall submit the following during medical examination:-

(i) No Objection Certificate from Competent Authority & AFMSF-1 (Unit copy) for Class 1 Initial Medical Examination.

(ii) Current Medical Category certificate from AMA/ SMO of parent unit.

(iii) Self-attested copy of Class X certificate for Initial Medical Examination.

(b) For pilots who are not Indian Nationals, kindly apply for security clearance from MoD, through Medical Dte at DGCA. Such pilots shall carry their valid passport (with current visa).

7. Guidelines for conduct of various tests/investigations as applicable category wise and centre wise is as follows:-

(a) All the required investigations for Medical Examinations at IAF Boarding Centres will be conducted at IAF Boarding Centres only. The consolidated amount will be charged as per Central Government Health Scheme (CGHS) rates depending upon the type of Medical Examination and investigations required. Kindly use <https://bharatkosh.gov.in> portal for depositing fee. User guide is available at link <https://bharatkosh.gov.in/static/Userguide.aspx>.

(b) The investigations/ additional investigations which are not available at IAF Boarding Centres, are to be conducted at NABH/NABL/ISO accredited Laboratories and the original investigations bearing QR code along with ID verification shall be produced at IAF Boarding Centres by the applicants. (Expenditure on these investigations shall be borne by the applicant).

(c) Additionally, based on history and clinical examination, any other investigation/ opinion/ report can be conducted/requested by the IAF Boarding Centre to assist in ascertaining aeromedical fitness. Additional charges as applicable may be charged as per procedure mentioned above.

(d) For Medical Examinations at Civil Centres, IAF Renewal Centres and Medical Examiners, DGCA License holder is required to upload investigations reports from NABH/NABL/ISO accredited laboratory in original, as per list appended below, with ID verified endorsement. However, based on history and clinical examination, any other investigation/ opinion/ report can be requested by the IAF Renewal Centre/Medical Examiner/Private Hospital (Civil Centre) to assist in ascertaining aeromedical fitness.

(e) All the investigations for referred cases of Special Class 2 & Class 3 Medical Examination at IAF Boarding Centres will be conducted at IAF Boarding Centres only, as per para 7(a) above.

(f) List of required investigations as per age distribution is appended below.

SI No	Type of Class	Occasion of Medical	Investigations to be carried out	Rates w.r.t location			Consolidated Fixed Amount in Rupees for IAF Boarding Centres only
				Delhi	Bengaluru	Jorhat	
(a)	I	Initial Medical	Blood Hb%	21	19	21	Rs. 2075.666667
			TLC	36	35	36	
			DLC	36	35	36	
			Urine (RE/ME)	40	39	40	
			Blood Sugar F&PP	54	49	54	
			HbA1C	150	150	150	
			LFT	259	259	259	
			Blood Urea	62	58	62	
			Serum Creatinine	63	58	63	
			Serum Uric Acid	63	58	63	
			Lipid Profile	230	215	230	
			ECG (R)	58	58	58	
			X-Ray Chest PA View	70	70	69	
			Pure Tone Audiometry (PTA)	198	198	198	
			USG Abdomen	380	380	371	
			USG Pelvis	300	300	293	
Dilated Fundus Examination	77	69	77				
Total				2097	2050	2080	R/off- Rs. 2076/-
(b)	I	At 25 years	Blood Hb%	21	19	21	1062
			TLC	36	35	36	
			DLC	36	35	36	
			Urine RE/ME	40	39	40	
			USG Abdomen	380	380	371	
			USG Pelvis	300	300	293	
			PTA	198	198	198	
			ECG (R)	58	58	58	
Total				1069	1064	1053	R/off – Rs. 1062/-
(c)	I	At every yearly renewal (before 30 yrs)	Blood Hb%	21	19	21	Rs. 131.3333333
			TLC	36	35	36	
			DLC	36	35	36	
			Urine RE/ME	40	39	40	
Total				133	128	133	R/off – Rs. 131/-
(d)	I	At 30 yrs	Blood Hb%	21	19	21	Rs. 1563.666667
			TLC	36	35	36	
			DLC	36	35	36	
			Urine RE/ME	40	39	40	
			USG Abdomen	380	380	371	
			USG Pelvis	300	300	293	
			HbA1C	150	150	150	
			Lipid Profile	230	215	230	
			Blood Sugar F & PP **	54	49	54	
			PTA	198	198	198	
			ECG (R) **	58	58	58	
			Dilated Fundus Examination	77	69	77	
			Total				

(e)	I	At every yearly renewal (30-39 yrs)	Blood Hb%	21	19	21	Rs. 189.3333333
			TLC	36	35	36	
			DLC	36	35	36	
			Urine RE/ME	40	39	40	
			ECG (R)	58	58	58	
Total			191	186	191	R/off – Rs. 189/-	
(f)	I	At 35 & 40 yrs	Blood Hb%	21	19	21	Rs. 1948
			TLC	36	35	36	
			DLC	36	35	36	
			Urine RE/ME	40	39	40	
			Blood Sugar F & PP**	54	49	54	
			HbA1C	150	150	150	
			LFT	259	259	259	
			Blood Urea	62	58	62	
			Serum Creatinine	63	58	63	
			Lipid Profile	230	215	230	
			Serum Uric Acid	63	58	63	
			USG Abdomen	380	380	371	
			USG Pelvis	300	300	293	
			PTA	198	198	198	
			Dilated Fundus Examination	77	69	77	
TMT	*	*	*				
Total			1969	1922	1953	R/off –Rs.1948/-	
(g)	I	At 45,50,55 yrs	Blood Hb%	21	19	21	Rs. 1948
			TLC	36	35	36	
			DLC	36	35	36	
			Urine RE/ME	40	39	40	
			Blood Sugar F & PP**	54	49	54	
			HbA1C	150	150	150	
			LFT	259	259	259	
			Blood Urea	62	58	62	
			Serum Creatinine	63	58	63	
			Lipid Profile	230	215	230	
			Serum Uric Acid	63	58	63	
			USG Abdomen	380	380	371	
			USG Pelvis	300	300	293	
			PTA	198	198	198	
			Dilate Fundus Examination	77	69	77	
TMT	*	*	*				
Total			1969	1922	1953	R/off – Rs.1948/-	
(h)	I	At every yearly renewal (40-59 yrs)	Blood Hb%,	21	19	21	Rs. 387.3333333
			TLC, DLC	36	35	36	
			TLC	36	35	36	
			Urine RE/ME	40	39	40	
			ECG (R)	58	58	58	
			PTA every alternate year	198	198	198	
Total			389	384	389	R/off- Rs. 387/-	

(j)	I	At 60 yrs	Blood Hb%	21	19	21	Rs. 1943.333333
			TLC	36	35	36	
			DLC	36	35	36	
			Urine RE/ME	40	39	40	
			Blood Sugar F & PP **	54	49	54	
			HbA1C	150	150	150	
			LFT	259	259	259	
			Lipid Profile	230	215	230	
			Blood Urea	62	58	62	
			Serum Creatinine	63	58	63	
			Serum Uric Acid	63	58	63	
			Serum PSA (Prostate Specific Antigen)	*	*	*	
			USG Abdomen	380	380	371	
			USG Pelvis	300	300	293	
			PTA	198	198	198	
X-Ray Chest PA View	70	70	69				
2D Echocardiography	*	*	*				
TMT	*	*	*				
Total				1962	1923	1945	R/off –Rs. 1943/-
(k)	I	At every 6 monthly medical (after completion of 60 yrs)	Blood Hb%	21	19	21	Rs. 387.3333
			TLC	36	35	36	
			DLC	36	35	36	
			Urine RE/ME	40	39	40	
			ECG (R)	58	58	58	
			PTA	198	198	198	
Total				389	384	389	R/off – Rs. 387/-
(l)	I	At 61 and 63 yrs	Blood Hb%	21	19	21	Rs. 814.6666667
			TLC	36	35	36	
			DLC	36	35	36	
			Urine RE/ME	40	39	40	
			Blood Sugar F & PP **	54	49	54	
			HbA1C	150	150	150	
			Lipid Profile	230	215	230	
			ECG (R)	58	58	58	
			PTA	198	198	198	
			Treadmill Stress Test (TMT)	*	*	*	
Total				823	798	823	R/off – Rs. 815/-
(m)	I	At 62 & 64 yrs	Blood Hb%	21	19	21	Rs. 2304.666667
			TLC	36	35	36	
			DLC	36	35	36	
			Urine RE/ME	40	39	40	
			Blood Sugar F & PP **	54	49	54	
			HbA1C	150	150	150	
			Lipid Profile	230	215	230	
			Blood Urea	62	58	62	
			Serum. Creatinine	63	58	63	

		Serum Uric Acid	63	58	63	
		LFT	259	259	259	
		Serum PSA	431	431	431	
		USG Abdomen	380	380	371	
		USG Pelvis	300	300	293	
		PTA	198	198	198	
		TMT	*	*	*	
		2D Echocardiography	*	*	*	
Total			2323	2284	2307	R/off – Rs.2305/-
* TMT/2D ECHO/SERUM PSA to be mandatorily conducted at any NABL/NABH/ISO Accredited laboratory and reports to be submitted on eGCA module along with the investigations conducted at IAF Boarding Centres.						
** Cases of diagnosed IGT/ Pre Diabetes and Body Mass Index above 25 kg/m ² shall undergo Blood Sugar – F & 2 hrs after 75 g glucose & HbA1C						
COMMON INVESTIGATIONS WITH CGHS RATE LIST IN RUPEES FOR IAF BOARDING CENTRE ONLY (IF AVAILABLE AT IAF BOARDING CENTRES)						
<u>Sl. No.</u>	<u>Name of Investigation</u>	<u>Delhi</u>	<u>Bengaluru</u>	<u>Jorhat</u>	<u>Average</u>	<u>R/off Total</u>
1	Sleep Study (Poly Somnography)	750	750	734	744.6667	745/-
2	Stress Thallium Scan	10868	9781	10868	10505.67	10506/-
3	Holter ECG	1000	1000	978	992.6667	993/-
4	Stress ECHO	1725	1553	1725	1667.667	1668/-
5	24 hour Ambulatory BP	690	690	675	685	685/-
6	ESR	29	29	29	29	29/-
7	Thyroid Profile	230	207	230	222.3333	222/-
8	EEG	350	350	343	347.6667	348/-
9	HCV	150	150	147	149	149/-
10	HIV I & II	173	173	173	173	173/-
11	HbsAg	120	120	117	119	119/-

Note:

(a) All investigation reports need to be in original from NABH/ NABL/ ISO accredited laboratories only and signed by concerned specialist along with Id verification in case of IAF Renewal Centres/Civil Centres/Medical Examiners and those tests which are not available at IAF Boarding Centres. Laboratories at IAF Boarding Centres to maintain its quality and control as per established robust service norms and guidelines. , which will undergo regular inspection by DGCA inspecting authorities.

(b) The Validity of Routine Blood/Urine Examinations, Blood Biochemistry, ECG (R) and PTA is 01 month. Validity of USG/X-Ray, TMT, 2D Echo, CT scan, MRI, MPI scan & Coronary Angiography is 02 months. All the reports to be validated by Radiologist/ Concerned Specialist of NABL/NABH/ ISO Accredited centers where these investigations have been conducted.

(c) Pure Tone Audiometry Report to be validated by Audiologist/ ENT Specialist at centres (NABL/NABH/ ISO Accredited centres) where these investigations have been conducted.

8. **Procedure for class 1 renewal medical examination on eGCA**

(a) Pilots can apply for renewal medical examination not earlier than 30 days before the expiry of date of previous medical validity (medical validity date inclusive).

(b) Before signing in to eGCA account for Medical Application, the pilot shall keep a digital passport size photograph ready for uploading on eGCA medical application. The photograph must satisfy following specifications: -

- (i) It should be clear and latest coloured passport size photograph.
- (ii) It should have full face, front-view, eyes open.
- (iii) Close up of the head and top of the shoulders should be such that the face takes up 80-85% of the photograph.
- (iv) Background of the photograph should be light coloured.
- (v) Preferably with spectacles, if using spectacles.
- (vi) No headgear, unless for religious reasons.
- (vii) Do not upload an old photograph or upload picture of your 'studio printed photograph'
- (viii) Max file size 200 MB and allowed types of files are .JPG, .PNG, .JPEG, .BMP

(c) **Applying Medical Examination on eGCA at IAF Boarding Centre/ DGCA Empanelled Medical Examiner/Civil Centre (Private Hospital) and IAF Renewal Centre**

(i) Sign into your eGCA account and click on '*Renewal of Class 1 Medical*' from the drop down menu.

(ii) Choose '*IAF Boarding Centre/Civil Centre (Private Hospital)/ DGCA Empanelled Medical Examiner*' as applicable.

(iii) '*Basic Details*' page will appear. Complete employment and license details. Select the appropriate buttons. Some are optional fields. If selecting "*I authorise DGCA to send a copy to my Employer*", then provide the email id of Employer, and not pilot's email ID. For '*Type of Operations*', select '*Multicrew*', unless specifically operating as '*Single Crew*'. Upload recent photo as per specifications mentioned at para above. After uploading, click on '*Next*'.

(iv) '*Medical Declaration*' page will appear. Tick these declarations and then submit application. If the pilot is on any medication, then please select "*Yes*". A new dialogue box will appear. Enter the diagnosis and treatment details, and select '*Add*' (if required).

(v) On successful submission, the pilot shall receive a confirmatory email/SMS from eGCA.

(d) Complete all investigations (as per Para 7 above) and share the reports with medical examiner (*if required or if asked for by the examiner*).

(e) In case of Medical Examination at IAF Renewal Centre/ Civil Centre/Medical examiner, keep all scanned reports ready for uploading on eGCA as a single PDF file. To upload click on *'Track Status'* & then *'Track medical Application'* initiated by the pilot. Click on *'Action'* icon, it will take the pilot to *'Upload Medical Investigation'* tab on the page. On clicking the icon, check list will appear. Tick on the appropriate investigation and the disclaimer that *"I confirm that the reports submitted by me are from NABL/NABH/ISO Accredited laboratories"*. Choose the file to be uploaded and upload investigation reports.

(f) In case of Medical Examination at IAF Boarding Centre, pilot may enquire about availability of required investigations by established means of communication (contact numbers/email IDs) which are available on DGCA website. He/she should timely report to IAF Boarding Centre i.e. 0730 hrs on the day of Examination. Produce Bharatkosh Receipt of investigation charges as mentioned in para 7 (a) above to the Boarding Centre (Reception). Complete all the required investigations at designated laboratories at IAF Boarding Centre. Collect all the investigation reports and prepare a single scanned PDF file for upload on eGCA portal. To upload click on *'Track Status'* & then *'Track medical Application'* initiated by the pilot. Click on *'Action'* icon, it will take the pilot to *'Upload Medical Investigation'* tab on the page. On clicking the icon, check list will appear. Tick on the appropriate investigation and the disclaimer that *"I confirm that the reports submitted by me are from IAF Boarding Centre/ NABL/NABH/ISO Accredited laboratories"*. Choose the file to be uploaded and upload investigation reports.

(g) After uploading all the relevant investigations, the pilot needs to *'revalidate'* Medical Declarations on medical application. For that, follow the track status, track medical application and then go to *'Medical Declaration'* Tab and *'Revalidate Application'* at the bottom of the page. Upon revalidation, the application is completed and can be viewed by the Medical Examiner.

(g) For viewing and downloading CA 35 (Medical Certificate) and Medical Assessment, under *'Medical'* dropdown menu after eGCA login, both these tabs are visible.

(h) The CA 35 is valid only when ink signed (blue ink only) by the Medical Examiner and the Licence Holder.

(j) Medical Assessment is digitally signed by DGCA Medical Assessor. The pilot shall download the assessment on his PC and follow the procedure for *'Digital Signature Verification'* (once only) as per the manual uploaded on the eGCA login page.

9. Appointment sought on furnishing false information shall summarily be cancelled on the day of appointment or on receiving the PMR file at centre.

10. For any further clarification, pilots may contact DMS (CA), DGCA.

Director General Civil Aviation