



# भारतीय वायु सेना / Indian Air Force



INVITES ENTERPRISING & ADVENTUROUS MEN TO JOIN THE INDIAN AIR FORCE AS COMMISSIONED OFFICERS IN FLYING, TECHNICAL AND GROUND DUTY BRANCHES. REGISTRATION FOR ONLINE APPLICATIONS WILL OPEN ON 06 DECEMBER 2014 AND WILL CLOSE ON 01 JANUARY 2015

## AIR FORCE COMMON ADMISSION TEST (AFCAT) - 01 / 2015

1. Applications are invited from **Male Indian Citizens** as per Citizenship Act 1955 for the following courses commencing in **January 2016** for grant of Short Service Commission in **Flying Branch** and Permanent / Short Service Commission in **Technical** and **Ground Duty Branches**.

### COURSES COMMENCING IN JANUARY 2016

#### FLYING BRANCH

(a) No. 199/16F/SSC/M (Short Service Commission)

#### TECHNICAL BRANCH

(a) No. 198/16T/PC/M (Permanent Commission)

(b) No. 198/16T/SSC/M (Short Service Commission)

#### GROUND DUTY BRANCHES

(a) No. 198/16G/PC/M (Permanent Commission)

(b) No. 198/16G/SSC/M (Short Service Commission)

**Candidates are to apply only online on IAF career website [www.careerairforce.nic.in](http://www.careerairforce.nic.in) from 06 December 2014 to 01 January 2015. Last date for submission of Online applications: 01 January 2015.**

#### ELIGIBILITY CONDITIONS

##### 2. Flying Branch - 199/16F/SSC/M

(a) **Age:** 20 to 24 years as on 01 January 2016 i.e. Born between 02 January 1992 to 01 January 1996 (both dates inclusive). (Upper age limit for candidates holding valid and Current Commercial Pilot License issued by DGCA (India) is relaxable upto 26 years i.e. born between 02 January 1990 to 01 January 1996 (both dates inclusive).

(b) **Educational Qualifications:** Graduates (Minimum three year degree course) in any discipline from a recognised University who have attained minimum 60% marks in aggregate in all papers put together and have passed Maths and Physics at 10+2 level or BE / B Tech degree (Four year course) from a recognised University with minimum 60% marks in aggregate in all papers put together.

##### (c) Physical Standards

(i) **Height and Weight:** Minimum height : 162.5 cms with correlated weight, Leg Length : Min - 99 cms. Max - 120 cms. Thigh Length : Max - 64 cms. Sitting Height : Min - 81.5 cms. Max - 96 cms.

(ii) **Vision:** (a) Minimum Visual Acuity 6/6 in one eye and 6/9 in other, correctable to 6/6 only for hypermetropia. (b) Manifest Myopia - Nil. (c) LASIK Surgery for correction of vision is admissible in Transport and Helicopter streams of Short Service Commission (Flying Branch) if the following conditions are fulfilled at the time of Air Force medical examination:- (i) LASIK Surgery should not have been carried out before the age of 20 years. (ii) The axial length of the eye should not be more than 25.5 mm as measured by IOL master. (iii) At least twelve months should have lapsed post un-complicate stable LASIK. No history or evidence of any complication. (iv) The post LASIK corneal thickness as measured by a corneal pachymeter should not be less than 450 microns. (v) Individuals with high refractive errors (>6D) prior to LASIK are to be excluded. Candidates must not suffer from colour or night blindness.

(iii) All other medical criteria would be evaluated by the Air Force Medical Authorities whose decision on the fitness would be final.

Candidates who have failed the Pilot Aptitude Battery Test (PABT) in an earlier attempt OR a Flight Cadet suspended from flying training at Air Force Academy will not be eligible to apply.

##### 3. Technical Branch - 198/16T/PC/M & 198/16T/SSC/M

(a) **Age:** 20 to 26 years as on 01 January 2016 i.e. born between 02 January 1990 to 01 January 1996 (both dates inclusive).

##### (b) Educational Qualifications:

(i) **Aeronautical Engineer (Electronics) {AE (L)}.** Candidates applying for AE (L) branch would be eligible if they have undergone a minimum of four year degree qualification from a recognised University or cleared Sections A and B examination of Associate Membership of Institution of Engineers (India) or Aeronautical Society of India or Graduate membership examination of the Institute of Electronics and Telecommunication Engineers by actual studies. Candidates should also fulfil conditions given in Para 4 (a).

(ii) **Aeronautical Engineer (Mechanical) {AE (M)}.** Candidates applying for AE (M) branch would be eligible if they have undergone a minimum of four year degree qualification from a recognised University or cleared Sections A and B examination of Associate Membership of Institution of Engineers (India) or Aeronautical Society of India by actual studies. Candidates should also fulfil conditions given in Para 4 (b).

##### 4. Essential Subjects for Technical Branch:

(a) **Aeronautical Engineer (Electronics) {AE (L)}.** All candidates applying for AE(L) branch should have scored a minimum of 60% marks in aggregate in all papers put together and studied at least eight subjects out of the eighteen subjects listed below in their qualifying exam:-

(L1) Physics / Engineering Physics (L2) Mathematics / Engineering Mathematics (L3) Engineering Graphics / Engineering Drawing (L4) Electrical Engineering / Electrical Technology (L5) Control Engineering (L6) Microprocessors (L7) Digital Electronics / Basic Electronics (L8) Computer Networks (L9) Information Technology (L10) Network Theory Design (L11) Telecommunication Systems (L12) Electronic Circuit Design (L13) Radar Theory (L14) Switching Theory (L15) Instrumentation (L16) Microwave Engineering (L17) Antenna and Wave Propagation (L18) Electronic Devices.

(b) **Aeronautical Engineer (Mechanical) {AE (M)}.** All candidates applying for AE(M) branch should have scored a minimum of 60% marks in aggregate in all papers put together and studied at least eight subjects out of the eighteen subjects listed below in their qualifying exam:-

(M1) Physics / Engineering Physics (M2) Engineering Maths / Mathematics (M3) Engineering Drawing / Graphics (M4) Automotive Engineering / Plant Engineering / Industrial Engineering (M5) Engineering Mechanics / Strength of Material (M6) Aerodynamics (M7) Thermodynamics and Applications / Heat Power Engineering (M8) Heat and Mass Transfer (M9) Theory of Machines (Kinematics and Dynamics of Machinery) (M10) Fluid Mechanics / Turbo Machines (M11) Flight Mechanics (M12) Machine Drawing / Machine Design (M13) Mechatronics (M14) Material Science / Metallurgy (M15) Vibrations (M16) Workshop Technology / Manufacturing Technology / Production Engineering (M17) Hydraulics and Pneumatics (M18) Aircraft Structures.

##### (c) Physical Standards

(i) **Height and Weight:** Minimum height :- Men - 157.5 Cms with correlated weight.

(ii) All other medical criteria would be evaluated by the Air Force Medical Authorities whose decision on the fitness would be final.

##### 5. Ground Duty Branches - 198/16G/PC/M & 198/16G/SSC/M

(a) **Age:** 20 to 26 years as on 01 January 2016 i.e. born between 02 January 1990 to 01 January 1996 (both dates inclusive).

##### (b) Educational Qualifications:

Branch	Qualification
Administration & Logistics	Graduate Degree (Minimum three year degree course) in any discipline with a minimum of 60% marks in aggregate of all papers put together or a Post Graduate Degree / equivalent Diploma in any discipline with a minimum of 50% marks in aggregate of all papers put together.
Accounts	Graduate Degree in Commerce (B Com)(Minimum three year degree course) with a minimum of 60% marks in aggregate of all papers put together or Post Graduate Degree in Commerce (MCom) / CA / ICWA with a minimum of 50% marks in aggregate of all papers put together.
Education	Post Graduate Degree in any discipline with a minimum of 50% marks in aggregate of all papers put together.

##### (c) Physical Standards

(i) **Height and Weight:** Minimum height :- Men - 157.5 Cms with correlated weight.

(ii) All other medical criteria would be evaluated by the Air Force Medical Authorities whose decision on the fitness would be final.

**Note: A separate advertisement will be released for induction into Meteorology Branch through 198/16G/PC/M & 198/16G/SSC/M. Please refer Employment News dated 17 January 2015.**

##### 6. Candidates appearing in final year/semester examinations may apply for all courses commencing in January 2016 provided they fulfil the following conditions:-

(a) Candidates should not have any present backlog and should have secured a minimum of 60% marks in aggregate in all papers put together upto the last semester / year for which results have been declared at the time of online submission and at the time of SSB.

(b) Candidates should be able to provide provisional / original degree certificate issued by University latest by 15 December 2015.

##### TYPE OF COMMISSION:

7. **Permanent Commission :** Candidates joining as Permanent Commission (PC) officers would continue to serve till the age of superannuation.

##### 8. Short Service Commission :

(a) The Engagement period for SSC Flying Branch is Fourteen years from the date of Commissioning (Not extendable).

(b) The initial tenure for Short Service Commission officers in Technical and Ground Duty Branches would be for a period of ten years. An extension of four years may be granted subject to willingness, service requirements and availability of vacancies.

##### SELECTION PROCEDURE

9. All applicants whose online applications have been successfully submitted will be called for Air Force Common Admission Test (AFCAT) and Engineering Knowledge Test (EKT) (applicable only for candidates applying for technical branch) to be conducted on 22 February 2015 (Sunday) at one of the examination centres mentioned below. Candidates will be required to login to their candidate login accounts regularly for information on AFCAT, EKT (if applicable) and AFSB testing. The AFCAT will be of two hours duration and will contain multiple choice questions on verbal ability, numerical ability, reasoning, general awareness and military aptitude. Sample question paper and syllabus of AFCAT is available on IAF career website [www.careerairforce.nic.in](http://www.careerairforce.nic.in). EKT would be for 45 minutes and conducted immediately after AFCAT.

10. Candidates who are short-listed on the basis of Air Force Common Admission Test (AFCAT) will be called for further testing at one of the Air Force Selection Boards (AFSBs) at Dehradun, Mysore, Gandhinagar or Varanasi. The testing would consist of three stages as given below.

(a) Stage-I Test consisting of Intelligence Test along with other tests will be conducted on the first day. Stage-I test is a screening test and only those who qualify would undergo subsequent testing. All Stage-I qualified candidates would be subjected to document check to ascertain their eligibility for the branches applied for. Those candidates who either do not qualify in Stage I testing or do not meet the required eligibility criteria would be sent back on the first day itself.

(b) Stage-II testing consisting of Psychological test, Group Tests and Interview will be conducted on subsequent days (Five Days).

(c) **For Flying Branch:** Pilot Aptitude Battery Test (PABT) would be administered to eligible candidates.

11. **Change of Interview Dates.** Request for change of SSB interview date should be avoided. However, as an exception, such change may be considered based on the circumstances of the case. Request for such change should be forwarded to the respective AFSB from where the call letter for SSB interview has been received and not to Air Headquarters / AFCAT Cell. The AFSBs may consider change of date at their discretion.

12. Medical Examination will be conducted at AFCME, New Delhi or IAM Bengaluru based on the recommendations at AFSB. Non reporting of candidates on allotted date for medicals could lead to cancellation of candidature.

13. Candidates recommended by the AFSBs and declared medically fit will be detailed for training in the order of all India Merit list depending on the number of vacancies available in various branches/ sub branches. Grant of PC / SSC in Technical and Ground Duty Branches would be based on number of vacancies, performance in the selection process and the choice given by the candidates / Airmen.

14. No compensation will be paid in respect of any injury sustained during the testing at AFSB.

15. 10% of the vacancies are reserved for NCC Air Wing 'C' certificate holders in Technical and Ground Duty Branches.

16. **Onus of meeting the eligibility criteria rests with the applicant. Merely undergoing AIR FORCE COMMON ADMISSION TEST (AFCAT) / SSB testing would not constitute fulfilment of eligibility requirements.**

##### 17. How to Apply

(a) If you meet the eligibility criteria, please click on "**CANDIDATE LOGIN**" in the career website of IAF [www.careerairforce.nic.in](http://www.careerairforce.nic.in) and follow the instructions. You are advised to note down Registration number for future correspondence. Candidates are advised to read the notification for **AFCAT 01 / 2015** and the detailed guidelines for filling up Online application as given in the website [www.careerairforce.nic.in](http://www.careerairforce.nic.in) prior to commencement of filling up Online applications. While filling Online application, it is advisable to keep the relevant documents readily available, as details are to be filled as per matriculation & other educational certificates. Please save your recent colour passport size photograph (size 10 to 50 KB) in the computer for uploading it with your Online application form. Please note that utmost care needs to be taken while filling up the online application. In case any information is found to be incorrect then the candidature is likely to be cancelled at any stage of the selection process. Submission of more than one application may also lead to cancellation of candidature.

## WWW.CAREERAIRFORCE.NIC.IN



(b) Details of Air Force Common Admission Test (AFCAT) Centres are appended below and would be allocated in order of submission of applications. AFCAT centre once allotted would not be changed under any circumstances.

## AFCAT CENTRES

Ambala, Amritsar, Allahabad, Agra, Ahmedabad, Barnala, Bathinda, Bengaluru, Belgaum, Bidar, Bagdogra, Bareilly, Chandigarh, Chabua, Chennai, Dehradun, Delhi, Darbhanga, Gorakhpur, Gwalior, Guwahati, Halwara, Hashimara, Hyderabad, Imphal, Jalandhar, Jammu, Jorhat, Jaipur, Jamnagar, Jodhpur, Kanpur, Kolkata, Kalaikunda (Kharagpur), Kochi, Leh, Lucknow, Mumbai, Mohanbari, Mysore, Nal (Bikaner), Nagpur, Ojhar (Nasik), Pathankot, Patna, Pune, Port Blair, Salua (Kharagpur), Srinagar, Suratgarh, Sirsa, Saharanpur, Shillong, Silchar, Sulur (Coimbatore), Thane, Tezpur, Thanjavur, Thiruvananthapuram, Vadodara, Varanasi.

**Note 1:** Candidates may contact AFCAT Cell on **Phone No 011-26160286 / 26160289 / 26160459 (Direct) or 011-23010231 Extn 7905, 6245** to resolve any query regarding Air Force Common Admission Test (AFCAT) and application procedure. Query timings **09:00hrs to 17:00hrs** (Monday to Friday). E-Mail queries may be addressed to **afcatcell@gmail.com**. AFCAT cell will be operational from 13 Dec 14 to 22 Feb 15 only.

**Note 2:** Candidates who are debarred by the Ministry of Defence from holding any type of commission in Defence Services shall not be eligible for admission to AFCAT examination and if admitted, their candidature will be cancelled.

**Note 3:** All SSB related e-mails to be directed to **career\_iaf@bol.net.in** and not to **afcatcell@gmail.com**

**18. Serving Airmen are required to apply online at par with other candidates. In addition, Airmen candidates would be required to apply as per the service format as given in AFO 39/2006 through service channel. Other government employees also need to apply online after obtaining necessary permission from their concerned departments and they are to produce NOC at the time of AFSB testing.**

## TRAINING

19. Training is scheduled to commence in the first week of **January 2016** for all courses.

20. The duration of training for Flying and Technical Branches is 74 weeks and that of Ground Duty Branches is 52 weeks at Air Force Training Establishments.

## IAF OFFERS YOU

21. **Pay and Allowances:-** Flying Officers will be entitled to Pay in Pay Band of ₹ **15,600 - 39,100** per month along with Grade Pay, Military Service Pay, Dearness Allowance, Kit Maintenance Allowance, Transport Allowance. In addition, other allowances are applicable based on nature of duty / place of posting and would include Flying Allowance, Technical Allowance, Field Area Allowance, Special Compensatory (Hill area) Allowance, Special Force Allowance, Siachin Allowance, Island Special Duty Allowance, Test Pilot & Flight Test Engineer Allowance, Hard Area Allowance and Remote Locality Allowance. On successful completion of Training, the newly Commissioned Flying Officers would be entitled to approximate gross monthly emoluments in different branches including Transport Allowance of major cities as follows:-

(a) <b>Flying Branch:-</b>	₹ <b>74,264/-</b>
(b) <b>Technical Branch:-</b>	₹ <b>65,514/-</b>
(c) <b>Ground Duty Branches :-</b>	₹ <b>63,014/-</b>

22. **Benefits:-** In addition to the Pay & Allowances, Officers are entitled to Furnished Accommodation, Comprehensive Medical Cover for self and dependants, Leave Travel Concession, Leave (60 days Annual and 20 days Casual) subject to service exigency, supply of entitled rations, canteen & Officers' Mess facilities and many more.

23. **Insurance:-** ₹ **50 Lakh** Insurance Cover (on contribution) is applicable to serving officers. Additional cover of ₹ **3.5 Lakh** (on contribution) is applicable to Flying Branch Officers.

24. **TA:-** Traveling Allowance by the shortest route for AC-III Tier Mail/ Express Trains to and fro for the journey from the place of Call Up or departure (whichever is nearer) is admissible. Change of address, if any, must be intimated to the Board well before your arrival. You shall furnish the railway ticket/ bus ticket (hard copy) to the Board, failing which no TA will be paid. For all other modes of travel, TA will be admissible as per the government authorized rules. **No TA is admissible, if you have already appeared for the same type of entry at any of the Selection Boards.**

## IMPORTANT INSTRUCTIONS

25. In case the candidates are awarded grades/CGPA instead of marks, the conversion of grades/CGPA to percentage of marks would be based on the procedure certified by the University from where they have obtained the degree. In case the University does not have any scheme for converting CGPA into equivalent marks, the equivalence would be established by dividing the candidate's CGPA by the maximum possible CGPA and multiplying the result with 100. The onus of proving the conversion from grade/CGPA to percentage of marks would rest with the candidate.

26. Candidates are required to maintain their unique E-Mail ID active throughout the selection process.

27. Terms and conditions given in the advertisement are guidelines only and are subject to change without notice.

28. Candidates below 25 years of age must be unmarried (term unmarried excludes widower and divorcee even though without encumbrances). Marriage is not permitted during training. Married candidates above 25 years of age are eligible to apply but during training period they will neither be provided married accommodation nor can they live out with family.

29. Permanent body tattoos are only permitted on inner face of forearm i.e. from inside of elbow to the wrist and on the reverse side of palm/ back (dorsal) side of hand. Permanent body tattoos on any other part of the body are not acceptable. Tribes with tattoo marks on the face or body as per their existing custom and traditions will be permitted on a case to case basis.

30. Candidate should not have been arrested, convicted or prosecuted on criminal charges.

31. Candidates must carry Admit Card and a valid photo identity card such as passport, driving licence, voter identity card, college identity card or any other valid photo identity proof while reporting for **Air Force Common Admission Test** and for SSB Interview at Air Force Selection Board. The admit card which is attested at the AFCAT center is to be carried for the SSB interview.

32. The candidature for the courses commencing in **January 2016** will be valid only if the proof of meeting eligibility criteria is submitted latest by **15 December 2015**.

33. Candidates who have been withdrawn / suspended from Defence Training Establishments on grounds of discipline are not eligible to apply.

34. One year antedate seniority will be granted to the candidates joining Technical Branch Courses.

35. Online modification of submitted applications may be carried out for name (spelling) and address only on 02 and 03 January 2015.

36. Use of mobile phone inside AFSBs is prohibited.

37. **Physical Conditioning:** Prospective candidates are advised to keep themselves in good physical condition to adapt to physical training at AFA which encompasses running, swimming, rope climbing and other forms of physical training / conditioning in which they would undergo mandatory tests during training.

38. **Disclaimer:** Information given in the advertisement and on the website are guidelines only. In case of any ambiguity, the existing policies, rules and regulations of IAF / Govt. of India will be final.

39. **Statutory Warning:** Selection in the Indian Air Force is free, fair and merit based. Any attempt to influence the selection process detected at any stage is liable to lead to termination of candidature or service and legal action against the concerned individual will be initiated.