



A Pioneer Group of



Aircraft Maintenance Engineering

Approved by



DGCA



INDIAN INSTITUTE OF AERONAUTICS GROUP

SINCE 1981

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IIA Group of Institutions is one of the most highly rated and prestigious institute in India from last 4 decades functioning under the guidelines issued by DGCA, Ministry of Civil Aviation, Govt. of India & European Aviation Safety Agency (EASA).

## Courses

IIA Group offers Aircraft Maintenance Training in Mechanical stream and covers following license training programs:

### Category A1



**Duration - 1 Year**

**Seat Limit - 60**

Category A1 licence is Basic Aircraft Maintenance Engineers licence to cover Jet Engine Powered Aeroplanes. The holder of category A-1 licence is directly employable with out Type-Rating. He is authorised to issue 'CRS' (Certificate of Release to Service) to an aircraft after minor scheduled line maintenance and simple defect rectifications as per the authorisation issued by the Aircraft Maintenance Organisation or Airlines employing him/her. He can be utilized on any type of aircraft (Jet engine powered) in Line Maintenance for flight departures.

### Category B1



**Duration - 2 Years**

**Seat Limit - 60**

Category B1 Basic Licence includes all the privileges of category A1. After attaining Type Rating for a particular aircraft, the person becomes a full fledged Aircraft Maintenance Engineer to cover maintenance, repair, replacement or rectification of structure, engine, mechanical, electrical & hydraulic systems for that type of aircraft. He is also authorised to cover Avionics systems requiring simple tests without troubleshooting. This Category licence holder is employable in line maintenance as well as Major Maintenance for the type of Aircraft.

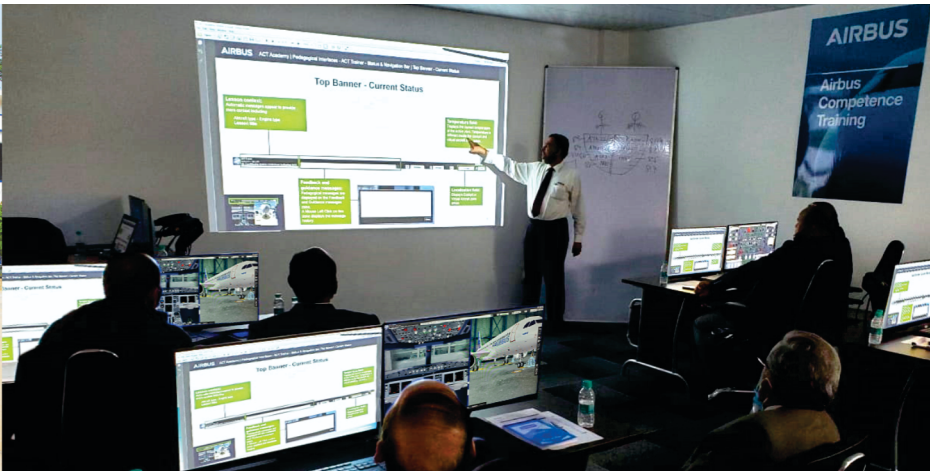
### Category B2



**Duration - 2 Years**

**Seat Limit - 30**

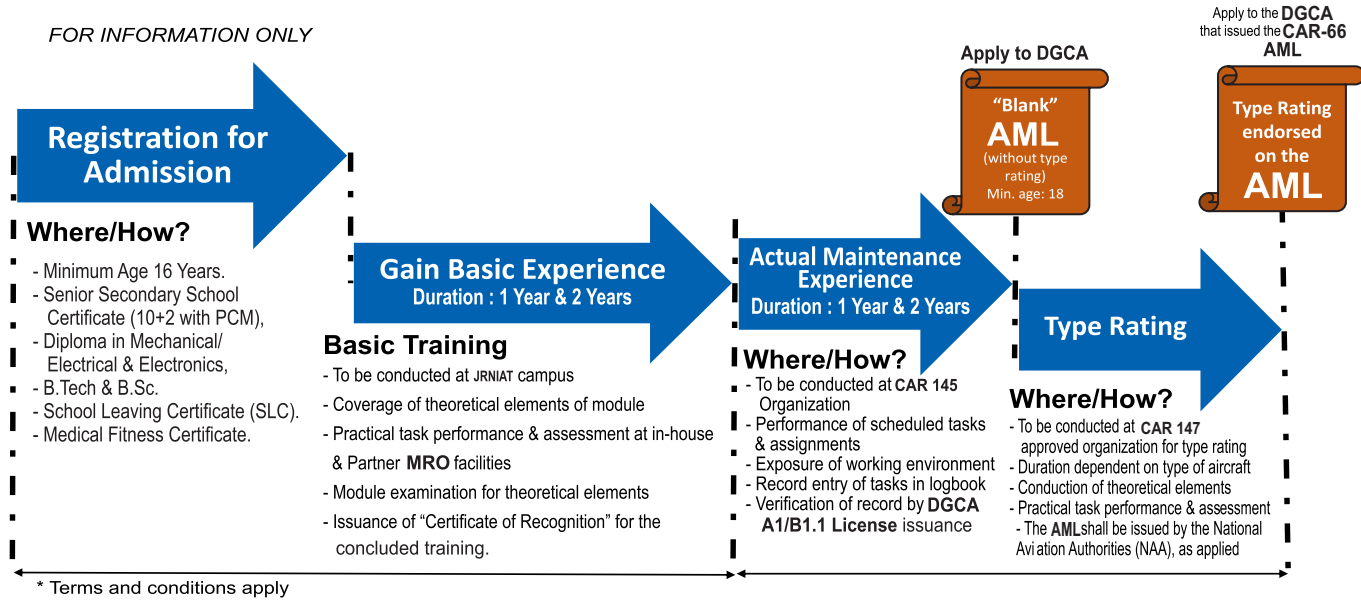
Category B2 Basic licence includes privilege of issuing Certificates of Release to Service after carrying out maintenance on Avionics systems requiring major and minor operational and functional checks including troubleshooting and rectification of the unserviceable electrical instrument & radio components fitted on an aircraft. The services of this Category B2 Aircraft Maintenance Engineer is utilized during the Line Maintenance and Base Maintenance activity carried out on a particular type of aircraft.



# CAREER PATH

## CAR 66 - Aircraft Maintenance Engineer (AME) Category A-1/B-1.1/B-2

FOR INFORMATION ONLY



# TRAINING STANDARD THEORY

## DGCA MODULES

DGCA exam modules required to obtain licenses

No.	Name	License Category		
		B1.1	B2	A1
3	Electrical Fundamentals	✓	✓	✓
4	Electronic Fundamentals	✓	✓	
5	Digital Techniques/Electronic Instrument Systems	✓	✓	✓
6	Materials & Hardware	✓	✓	✓
7	Maintenance Practices	✓	✓	✓
8	Basic Aerodynamics	✓	✓	✓
9	Human Factors	✓	✓	✓
10	Aviation Legislation	✓	✓	✓
11	Aeroplane Aerodynamics, Structures & Systems	✓		✓
13	Aircraft Aerodynamics, Structures & Systems		✓	
14	Propulsion		✓	
15	Gas Turbine Engine	✓		✓
17	Propeller	✓		✓

## EASA MODULES

EASA exam modules required to obtain licenses

No.	Name	License Category	
		B1.1	B2
1	Mathematics	✓	✓
2	Physics	✓	✓
3	Electrical Fundamentals	✓	✓
4	Electronic Fundamentals	✓	✓
5	Digital Techniques/Electronic Instrument Systems	✓	✓
6	Materials & Hardware	✓	✓
7	Maintenance Practices	✓	✓
8	Basic Aerodynamics	✓	✓
9	Human Factors	✓	✓
10	Aviation Legislation	✓	✓
11	Aeroplane Aerodynamics, Structures & Systems	✓	
13	Aircraft Aerodynamics, Structures & Systems		✓
14	Propulsion		✓
15	Gas Turbine Engine	✓	
17	Propeller	✓	

# APPROVALS



GOVERNMENT OF INDIA  
OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION  
OPPOSITE SAFDARJUNG AIRPORT  
NEW DELHI - 110 003

**APPROVAL CERTIFICATE**

**BASIC MAINTENANCE TRAINING ORGANIZATION**

Reference No. : DGCA/CAR/147(B)/02

Pursuant to Rule 133B of Aircraft rules 1937 and CAR-147(Basic) maintenance training organization for the time being in force and subject to the conditions specified below, DGCA hereby certifies:

**M/s JRN Institute of Aviation Technology**  
414/2, Rani Khera More, Mundka, New Delhi-110041

as training organization in compliance with Section A of CAR-147 (Basic) approved to provide training as listed in the attached approval schedule and issue related certificates of recognition to students using the above reference.

**CONDITIONS:**


- 1) This approval is limited to that specified in the scope of work section of the approved maintenance training organization exposition as referred to in section A of the CAR-147(Basic); and
- 2) This approval requires compliance with the procedures specified in the approved maintenance training organization exposition; and
- 3) This approval is valid whilst the training organization remains in Compliance with CAR-147 (Basic); and

Subject to compliance with the foregoing conditions, this approval shall remain valid for duration as specified in the attached validity sheet, unless the approval is surrendered, superseded, suspended or revoked.

  
(PAWAN KUMAR)  
DIRECTOR OF AIRWORTHINESS  
DIRECTOR GENERAL OF CIVIL AVIATION



Date of Issue : 18<sup>th</sup> July 2018  
Place : New Delhi



**MAINTENANCE TRAINING AND EXAMINATION  
ORGANISATION APPROVAL CERTIFICATE**

Reference: EASA.147.0127


Pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council and to Commission Regulation (EU) No 1321/2014 for the time being in force and subject to the condition specified below, EASA hereby certifies:

**TEJNINI VIKAS SANSTHAN**  
1/4 INDIAN INSTITUTE OF AERONAUTICS  
414/2, RANI KHERA MORE MUNDKA  
NEW DELHI, 110041  
INDIA

as a maintenance training organisation in compliance with Section A of Annex IV (Part-147) of Regulation (EU) No 1321/2014, approved to provide training and conduct examinations listed in the attached approval schedule and issue related certificates of recognition to students using the above references.

**CONDITIONS:**

- 1 This approval is limited to that specified in the scope of work section of the approved maintenance training organization exposition as referred to in Section A of Annex IV (Part-147), and
- 2 This approval requires compliance with the procedures specified in the approved maintenance training organization exposition, and
- 3 This approval is valid whilst the approved maintenance training organization remains in compliance with Annex IV (Part-147) of Regulation (EU) No 1321/2014.
- 4 Subject to compliance with the foregoing conditions, this approval shall remain valid for an unlimited duration unless the approval has previously been surrendered, superseded, suspended or revoked.

Date of original issue: **28 Apr 2017**  
Date of this revision: ---  
Signed:   
For the Agency

Revision No: Initial

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GOVERNMENT OF INDIA  
OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION  
OPPOSITE SAFDARJUNG AIRPORT  
NEW DELHI - 110 003

**APPROVAL CERTIFICATE**

**BASIC MAINTENANCE TRAINING ORGANIZATION**

Reference No. : DGCA/CAR-147(B)/15

Pursuant to Rule 133B of Aircraft rules 1937 and CAR-147(Basic) maintenance training organization for the time being in force and subject to the conditions specified below, DGCA hereby certifies:

**M/s Bharat Institute of Aeronautics**  
Patna Airport, Patna

as training organization in compliance with Section A of CAR-147 (Basic) approved to provide training as listed in the attached approval schedule and issue related certificates of recognition to students using the above reference.

**CONDITIONS:**

- 1) This approval is limited to that specified in the scope of work section of the approval maintenance training organization exposition as referred to in section A of the CAR-147(Basic); and
- 2) This approval requires compliance with the procedures specified in the approved maintenance training organization exposition; and
- 3) This approval is valid whilst the training organization remains in Compliance with CAR-147 (Basic); and

Subject to compliance with the foregoing conditions, this approval shall remain valid for duration as specified in the attached validity sheet, unless the approval is surrendered, superseded, suspended or revoked.

  
(PAWAN KUMAR)  
DIRECTOR OF AIRWORTHINESS



Date of Issue : 20<sup>th</sup> August 2018  
Place : New Delhi



## TECHNICAL TRAINING PARTNERS

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**INDIAN INSTITUTE OF AERONAUTICS GROUP**  
We are made by History

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**BHARAT INSTITUTE OF AERONAUTICS**  
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