

# CENTRE FOR ADVANCEMENT & CONTINUING EDUCATION

ENHANCING YOUR BUSINESS PERFORMANCE



**UniKL**  
UNIVERSITI  
KUALA LUMPUR

**ACE**  
UNIVERSITI KUALA LUMPUR  
ADVANCEMENT AND  
CONTINUING EDUCATION



**EUROPEAN AVIATION SAFETY AGENCY**  
**EASA PART-66 PROGRAM**



A photograph of a technician in a blue uniform working on the engine of a white aircraft in a hangar. The technician is looking intently at the engine components. The background shows the interior of a large hangar with various lights and structural elements.

## EASA PART-66 PROGRAM

EASA or widely known as European Aviation Safety Agency is well known as one of the organisation that ensure all aircraft flying are safe and airworthy. It is first establish in 2002 and have been in operation sustaining and monitoring aviation operation for more than 15 years. Under these regulation, EASA agency have about more than 800 aviation expert and administration that work hand in hand to rest assured the aviation business is growing safely.

Through CHAMPs (Center of Helicopter and Aeroplanes Maintenance Professionals) the mission are to ensure highest level of safety protection and also the highest level of environmental protection with the implementation of EASA aviation standards through all stage of training and being audited in annual schedules.

EASA agency that are being supported by the National Aviation Authority among European Member States shall implies a single and efficient regulatory and certification to facilitate internal aviation single market and creating a level playing field for aviation player. EASA agency also are known to work with other international organisation and regulator throughout the world map.

## OBJECTIVE

Universiti Kuala Lumpur Malaysian Institute of Aviation Technology (UniKL MIAT), under one of its department CHAMPs that are responsible in maintaining the compliance and maintaining EASA approval (EASA.147.0083). Its main objective are to:

- Provide the highest standard of training widely known in the world in aviation maintenance.
- To be able to produce high standard license aircraft engineer under European National Aviation Authority and non-European authorities.
- To support foreign investment by international foreign aviation company in MALAYSIA with certified professional man-power.
- To support Asian region aviation industry growth in terms of providing technical and support in aviation maintenance.
- Able to support industrial related training that are approved by authority and internationally recognize.
- To center stage MALAYSIA as one of one stop center for Southeast Asia aviation training and maintenance hubs.

## COURSE CONTENT

Part-66 Training (Category B)		
No.	Module	Subject
1.	Module 1	Mathematics
2.	Module 2	Physics
3.	Module 3	Electrical Fundamentals
4.	Module 4	Electronics Fundamentals
5.	Module 5	Digital Techniques/Electronics Instruments Systems
6.	Module 6	Material and Hardware
7.	Module 7A	Maintenance Practices
8.	Module 8	Basic Aerodynamics
9.	Module 9A	Human Factors
10.	Module 10	Aviation Legislation
11.	Module 11A	Turbine Aeroplane Aerodynamics, Structures and Systems
12.	Module 11B	Piston Aeroplane Aerodynamics, Structures and Systems
13.	Module 12	Helicopter Aerodynamics, Structures and Systems
14.	Module 13	Aircraft Aerodynamics, Structures and Systems
15.	Module 14	Propulsion
16.	Module 15	Gas Turbine Engine
17.	Module 16	Piston Engine
18.	Module 17A	Propeller

## COURSE STRUCTURE

Basic Course	Duration (in hours)	Theoretical training ration (in %)
B1.1	2400	50 to 60
B1.2	2400	50 to 60
B1.3	2400	50 to 60
B2	2400	50 to 60

## TARGET GROUPS

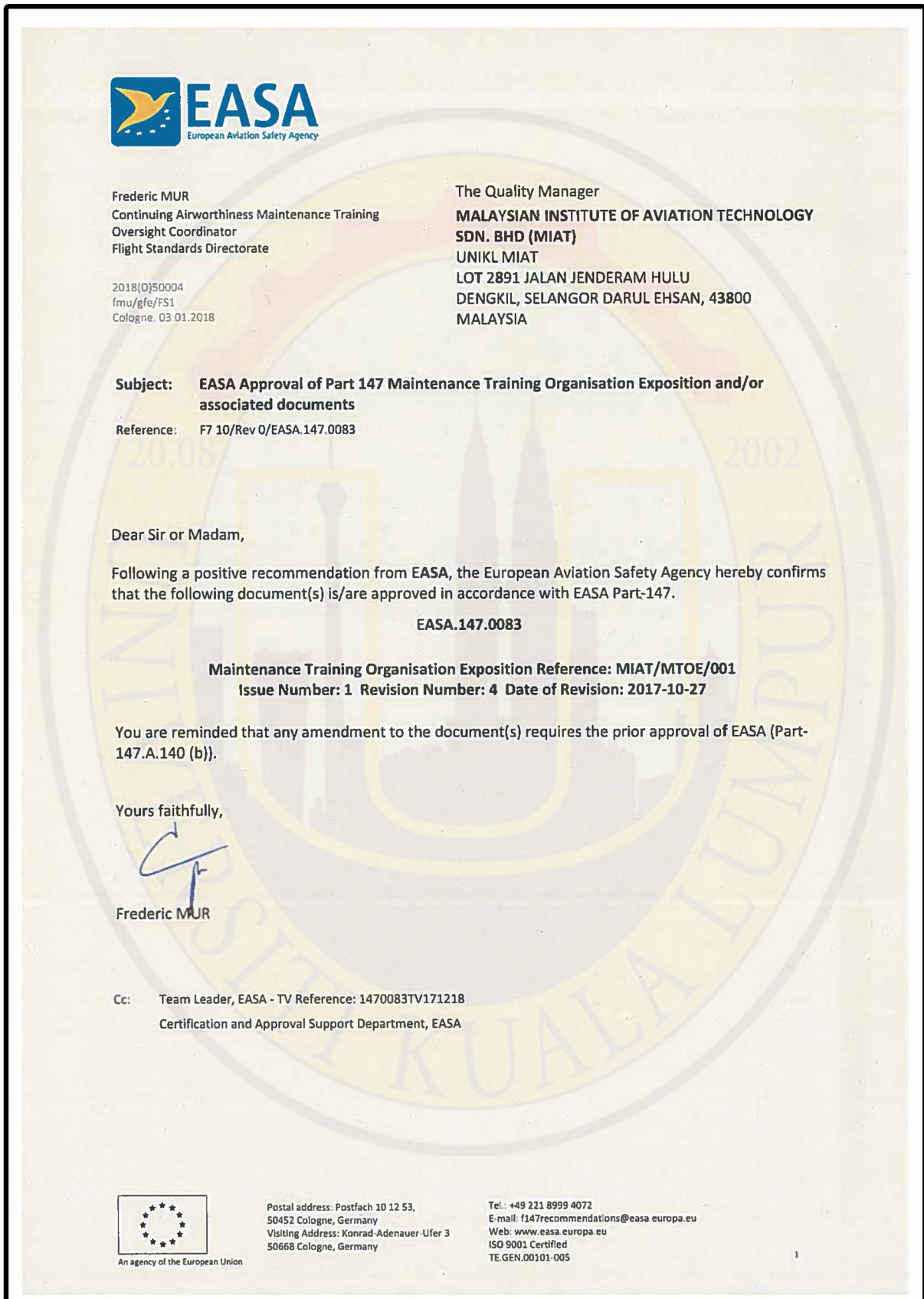
- Diploma/Bachelor candidates with mechanical or electrical backgrounds.  
-Academically trained candidates that have interest in professional's works that would prefer academic and professionals qualification goes hand in hand.
- Experience Aviation Technician with vast of years working experience.  
-Experience aircraft technician with category A license or without any professionals certification that would like to have a personal career upgrades and expanding his or her future prospect.
- New establish MRO or Part 145 companies that required approved license engineer.  
-For new establishment of companies that required approved license engineer to facilitate aviation maintenance repairs under Part-M, Part-21, Par-145 or Part-147.
- Part-145 organization or MRO companies personnel.  
-For aircraft type training, familiarization course or training and continuous training under aviation authorities requirement through an approved training organisation.

## DURATION


- **Approved Full Basic Course**  
2400 hours (approximately 24 months)
- **Dedicated Module Course + Examination**  
40 hours – 720 hours (approximately 10 days to 140 days)
- **Short Courses/ Part-66 Continuous Training/ Familiarization Course**  
Minimum 6 hours – 60 hours (approximately 1 day to 10 days)



- APPROVED CERTIFICATES



- APPROVED CERTIFICATES



**MAINTENANCE TRAINING AND EXAMINATION  
ORGANISATION APPROVAL CERTIFICATE**

Reference: EASA.147.0083

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


**Malaysian Institute of Aviation Technology Sdn. Bhd (MIAT)**  
Lot 2891  
Jalan Jenderam Hulu  
43800 Dengkil, Selangor Darul Ehsan  
Malaysia

as a maintenance training organisation in compliance with Section A of Annex IV (Part-147) of Regulation (EC) 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 organisation 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 organisation exposition, and
- 3 This approval is valid whilst the approved maintenance training organisation remains in compliance with Annex IV (Part-147) of Regulation (EC) 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: 06 Aug 2014  
**Date of this revision: 12 Jan 2017**      **Revision No: 1**

Signed:   
For the Agency

EASA Form 11 Issue 4 Page 1 of 2



- APPROVED CERTIFICATES

## MAINTENANCE TRAINING AND EXAMINATION ORGANISATION

### APPROVAL SCHEDULE

Reference: EASA.147.0083

Organisation: **Malaysian Institute of Aviation Technology  
Sdn. Bhd (MIAT)**

**Lot 2891**

**Jalan Jenderam Hulu**

**43800 Dengkil, Selangor Darul Ehsan**

**Malaysia**

CLASS	LICENCE CATEGORY	LIMITATION	
BASIC	B1	TB1.1	AEROPLANES TURBINE
		TB1.2	AEROPLANES PISTON
		TB1.3	HELICOPTERS TURBINE
	B2	TB2	AVIONICS

This approval schedule is limited to those trainings and examinations specified in the scope of work section of the approved maintenance training organisation exposition,

**Maintenance Training Organisation Exposition reference: MIAT/MTOE/001**

Date of original issue: 01 Oct 2013

Date of last revision approved: 01 Nov 2016

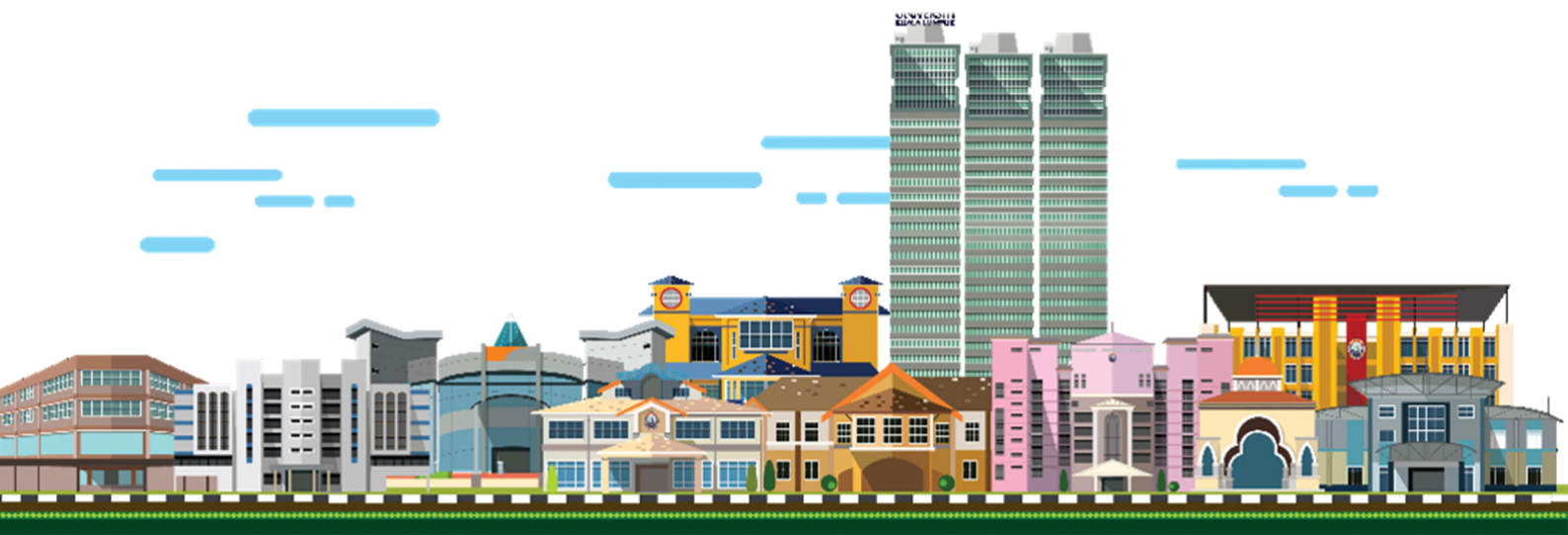
Issue 1 Revision 3

Signed:



For the Agency

**Where knowledge is applied  
... and dreams realized**







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# ENQUIRIES

**CENTRE FOR ADVANCEMENT & CONTINUING EDUCATION (ACE UniKL)**

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