



By the authority of the Senate it is hereby certified that

## Muhammad Irfan Fahmi Bin Mohd Jamil

having fulfilled all the requirements and having passed all the prescribed examinations has been conferred the degree of

**Bachelor of Engineering** (Aerospace) (Honours)

Rector









#### ACADEMIC MANAGEMENT AND ADMISSION DIVISION



Our Reference: IIUM/203/13/22/1/1625751

(Rujukan Kami)

Date: 4th August 2021

(Tarikh)

#### TO WHOM IT MAY CONCERN

NAME

: MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

NRIC/PASSPORT NO.

:970925107019

MATRIC NO.

: 1625751

This is to certify that the above-named student has completed the full time programme of study and has satisfied the examiners in all the requirements for the award of the degree of

### BACHELOR OF ENGINEERING (AEROSPACE)(HONOURS)

based on the confirmation of Senate Graduation Committee endorsement on 04 August 2021

Thank you.

ASSOC. PROF. Dr. HASLINA HASSAN

Director

Academic Management and Admission Division

International Islamic University Malaysia







### ACADEMIC TRANSCRIPT

NAME KULLIYYAH : MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

Remarks: Dean's List

: ENGINEERING DEGREE AWARDED : BACHELOR OF ENGINEERING (AEROSPACE)(HONOURS)

MAJOR

: AEROSPACE

: 1625751 MATRIC NO

IC/PASSPORT NO: 970925107019

GENDER : MALE

DATE OF BIRTH : 25-SEP-97 CITIZENSHIP : MALAYSIA

_								
	Code	Course Title	Chr	Grade	Code	Course Title	Chr Grad	de
	Exemption	s			Session:	2018/2019 Semester: 1		
	CCFB 1041	FARDHU 'AIN CLASS (BROTHER)		5 EX	MATH 2350	PARTIAL DIFFERENTIAL EQUATIONS	3	B+
	LQ 0108	QURANIC LANGUAGE I	(	) EX		PRINCIPLES OF FLIGHT	3	В
	LQ 0208	QURANIC LANGUAGE II	(	EX	MECH 2326	AEROSPACE DYNAMICS	3	B-
	TQB 1011	TILAWAH AL-QURAN I	9	1 EX	MECH 2328	AEROSPACE ENGINEERING LAB I	1	Α
	Session: 20	016/2017 Semester: 2			MECH 2342	MECHANICS OF MATERIALS	3	Α
		TAHFIZ CLASS 1			UNGS 2050	ETHICS & FIQH FOR EVERYDAY LIFE	3	Α
	EECE 1311	ELECTRIC CIRCUITS		5 A-	TGP:55.00	TCH:16 GPA:3.44 CGP:232.69 CCH:67.5	CGPA	:3.45
	EECE 1313	PROGRAMMING FOR ENGINEERS		3 B	Remarks:			
	LM 2026	BAHASA MELAYU KERJAYA (SAINS DAN		3 A- 2 B				
	LIN LOLD	TEKNOLOGI)		2 6		2018/2019 Semester: 2	_	_
	MATH 1310	ENGINEERING MATHEMATICS I		3 B+	CCTH 2022		.5	B-
	MECH 1301	STATICS		3 A		PROJECT & OPERATIONS MANAGEMENT	3	A-
	TQB 2011M	TILAWAH AL-QURAN II		1 A	MECH 3220		2	В
	<b>UNGS 2030</b>	THE ISLAMIC WORLDVIEW		3 A	MECH 3321		3	B-
	TGP:65.84	TCH:18.5 GPA:3.559 CGP:65.84 CCH:18.5	CG	PA:3.55	9 MECH 3322		3	В
	Remarks : D	loan's List			MECH 3323		3	B+
	recinants . L	Cart 5 List			MECH 3340		3	Α
	Session: 2	016/2017 Semester: 3			TGP:57.35	TCH:17.5 GPA:3.28 CGP:290.04 CCH:85.0	CGPA	:3.41
	MANU 1201	ENGINEERING DRAWING	:	2 B-	Remarks:			
	TGP:5.34	TCH:2 GPA:2.670 CGP:71.18 CCH:20.5	CG	PA:3.47	2 Session:	2019/2020 Semester: 1		
	Remarks:			. 1	CCTH 3021	TAHFIZ CLASS 5	.5	С
	C: 2	047/2049			MANU 3318	A PARTY TO THE PROPERTY OF THE PARTY OF THE	3	В
	Session: 2			. 4	MECH 3100		1	B+
	CCTH 1022	TAHFIZ CLASS 2		5 A-	MECH 3128	ATTOM NO. CO.	1	A-
	EECE 1101	ELECTRICAL ENGINEERING LAB		1 A	MECH 3300	Constitution of the Consti	3	A
	EECE 1312			3 A		AEROSPACE PROPULSION	3	C+
		WORKSHOP TECHNOLOGY		2 B+	MECH 3325	The state of the s	3	B-
	MATH 1320			3 B+	MECH 3326		3	В
	MECH 1302			3 C		TCH:17.5 GPA:3.03 CGP:343.04 CCH:102.		_
		ISLAM, KNOWLEDGE & CIVILIZATION	white.	3 A-	Remarks:	1011.17.3 CI 7.3.00 COI .543.04 COI .102.	CGFA	.3.33
	TGP:51.50	TCH:15.5 GPA:3.32	CGI	PA:3.41	Remains.			
	Remarks:				Session:	2019/2020 Semester: 2		
	Session: 2	017/2018 Semester: 2			CCTH 3022		.5	С
	CCTH 2021	TAHFIZ CLASS 3	1	5 A	LE 4000	ENGLISH FOR ACADEMIC WRITING (EAW)	3	Α
	MANU 2381			3 A	MECH 4128		1	A-
	MATH 2320			Auto California	MECH 4224	SPACECRAFT DYNAMICS AND CONTROL	2	C+
	MATR 2320				MECH 4322	FLIGHT DYNAMICS AND CONTROL	3	В
	MECH 2322	THERMAL SCIENCE			MECH 4383	COMPUTATIONAL FLUID DYNAMICS	3	C+
		FLUID MECHANICS		A-	MECH 4398	PROJECT I	3	Α
		TCH:15.5 GPA:3.55 CGP:177.69 CCH:51.5	-	A:3.45	TGP:49.32	TCH:15.5 GPA:3.18 CGP:392.36 CCH:118.0	CGPA	:3.33
	105.55.01	TOT. 13.3 GFA.3.33 GGF. 177.08 GGF. 31.3	COI	7.0.40	Remarks ·			

Remarks:

Homing



### **ACADEMIC TRANSCRIPT**

: 1625751

: MALE

IC/PASSPORT NO: 970925107019

MATRIC NO

GENDER

: MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL NAME KULLIYYAH

: ENGINEERING

DEGREE AWARDED : BACHELOR OF ENGINEERING (AEROSPACE)(HONOURS)

: AEROSPACE MAJOR

DATE OF BIRTH : 25-SEP-97 CITIZENSHIP : MALAYSIA

Code	Course Title	Chr Grade	Code	Course Title	Chr Grade
			the gare		

R+

5 PA

Session: 2020/2021 Semester: 1

GENE 4300 ENGINEERING ETHICS FROM ISLAMIC

PERSPECTIVE

MANU 4211 TECHNOLOGY ENTREPRENEURSHIP

MECH 4129 AEROSPACE ENGINEERING LAB IV

MECH 4326 AEROSPACE VEHICLE DESIGN

MECH 4362 ROCKET PROPULSION

MECH 4381 COMPUTER AIDED ENGINEERING

MECH 4399 PROJECT II

TGP:63.03 TCH:18 GPA:3.50 CGP:455.39 CCH:136.0 CGPA:3.35

Remarks: Dean's List

Session: 2020/2021 Semester: 2

EITR 3511 ENGINEERING INDUSTRIAL TRAINING

TCH:5 GPA:.00 CGP:455.39 CCH:141.0 CGPA:3.35 TGP:.00

Remarks: CREDITS ATTEMPTED : 141

CREDITS EARNED AT IIUM : 141 CREDITS FULFILLED : 142.5

DATE OF GRADUATION: 04-AUG-21

\*\* END OF ACADEMIC RECORD \*\*

CREDITS EXEMPTED

Hound

Director, Academic Management and Admission Division



#### DOA AUTHORISATION CERTIFICATE

Reference No.

: MYCAS.DOA.DAC.23.03

Approval No.

: SCE 02

Date issued

: 03/01/2023

Date of Expiry

: 31/12/2023



This approval is issued to

Name

: MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

Signature

0

I hereby acknowledge that I have received the organisation authorisation and fully understand the terms and reference stated in this Authorisation Document

Authorised by

Ju.

This approval documents superseded DOA Authorisation Certificate

Reference No.

: MYCAS.DOA.DAC.22.02

Date

: 04/11/2022

THE HOLDER IS AUTHORISED TO SIGN DESIGN DOCUMENT UNDER THE AUTHORITY USING MYCOPTER AVIATION SERVICES SDN BHD AUTHORISATION NO. GIVEN RESTRICTED TO THE FOLLOWING

MYCAS-DO-66 RO | Page 1 of 4

CATEGORY	FUNCTIONS*	TECHNICAL FIELDS**
	D1	
	SC1	STRUCTURE     CABIN INTERIORS
MINOR	SC2	
CHANGE & REPAIR & DESIGN CHANGE / REPAIR	SC3	
	SC4	
	SC5	
	SC6	

\*Functions definition:

D1 - PREPARE AND DULY SIGN ENGINEERING DRAWING

SC1 - PREPARE AND DULY SIGN CLASSIFICATION OF CHANGE DOCUMENT

SC2 - PREPARE AND DULY SIGN CERTIFICATION PROGRAMME

SC3 - PREPARE AND DULY SIGN COMPLIANCE CHECKLIST DOCUMENT

SC4 - PREPARE AND DULY SIGN TEST PLAN AND TEST REPORTS

SC5 - PREPARE AND DULY SIGN ENGINEERING JUSTIFICATION REPORT

SC6 - PREPARE AND DULY SIGN TECHNICAL INSTRUCTION DOCUMENT

\*\*technical fields restricted to cases approved by Civil Aviation Authority Malaysia via MYCAS Design Organisation Manual latest issue and revision

MYCAS-DO-66 RO | Page 2 of 4

#### CONDITIONS

- THE DOA AUTHORISATION CERTIFICATE IS ONLY VALID WHILST THE HOLDER REMAINS EMPLOYED BY OR CONTRACTED TO MYCOPTER AVIATION SERVICES SDN 8HD.
- THE AUTHORISED PERSONNEL IS RESPONSIBLE TO RENEW HISHER CAAM APPROVAL PROMPTLY PRIOR TO RENEWAL OF DOA AUTHORISATION (IF APPLICABLE), FAILING TO DO SO MAY RENDER THEIR DOA AUTHORISATION INVALID.
- THE HEAD OF DESIGN ORGANISATION HAS THE SOLE AUTHORITY TO GRANT, AMEND, SUSPEND OR WITHDRAW THIS AUTHORISATION.
- IF APPLICABLE, THE AUTHORISATION STAMP SHALL BE SURRENDERED TO THE
  HEAD OF DESIGN ORGANISATION WHENEVER THE AUTHORISATION IS
  SUSPENDED, WITHDRAWN OR THE HOLDER IS NO LONGER HAS THE
  REQUIREMENT TO SIGN UNDER MYCOPTER AVIATION SERVICES SDN BHD DOA
  AUTHORISATION

#### TERMS AND REFERENCE

- THIS DOA AUTHORISATION ISSUED TO YOU UNDER THE TERM AND REFERENCE LAID DOWN BELOW AND MYCOPTER AVIATION SERVICES SDN BHD DESIGN ORGANISATION APPROVAL FOR THE TIME BEING IN FORCE.
- AT ALL TIME WHEN USING THIS DOA AUTHORISATION, THE HOLDER ARE RESPONSIBLE TO THE HEAD OF DESIGN ORGANISATION OF MYCOPTER AVIATION SERVICES SDN BHD.
- ALL WORKS COMPLETED USING THE AUTHORITY OF THIS DOA MUST BE TO A QUALITY AND STANDARD CONFORMING TO:
  - A. THE REQUIREMENTS OF THE CIVIL AVIATION AUTHORITY MALAYSIA (CAAM)
    B. THE RECOMMENDATIONS OF THE MANUFACTURER UNLESS WRITTEN
  - B. THE RECOMMENDATIONS OF THE MANUFACTURER UNLESS WRITTEN AUTHORITY TO DEVIATE FROM ANY PARTICULAR RECOMMENDATION IS OBTAINED.
  - C. THE PROCEDURE AS LAID DOWN IN MYCOPTER AVIATION SERVICES SDN BHD DESIGN ORGANISATION MANUAL (DOM) FOR THE TIME BEING IN FORCE
- 4. HOLDERS IS THE ONLY AUTHORISED TO CERTIFY FOR WORKS WITHIN THE SCOPE AS STATED IN THE DOA AUTHORISATION ISSUED BY THE HEAD OF DESIGN ORGANISATION.
- 5. ALL CERTIFICATIONS MUST BE CLEARED BY SIGNATURE, AND PROPERLY DATED.



#### **COMPANY APPROVAL CERTIFICATE**

Reference No.

: MYCAS.CAMO.CA.23.007

Approval No.

: MB 03 TS 04

Date issued

: 02.01.2023

Date of Expiry

: 31.12.2023



#### This approval is issued to

Name

: MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

A.M.E.L No.

Signature

I hereby acknowledge that I have received the company approval and fully understand the terms and reference stated in this Approval Documents

Authorised by

This approval documents superseded App Certificate

Reference No.

: Initial

THE HOLDER IS AUTHORISED TO RELEASE AIRCRAFT DOCUMENTATION UNDER THE AUTHORITY USING MYCOPTER AVIATION SERVICES SDN BHD APPROVAL NO. GIVEN RESTRICTED TO THE FOLLOWING

MYCAS-CAQ-016 | Page 1 of 4

CATEGORY FUNCTIONS		RATING / COMPONENT / WORK SCOPE
MASS & BALANCE	10	
	1D	N/A (Refer Note with asterisk **)
	1E	
	4A	
TECHNICAL SERVICES	48	AS350B2 Fitted with Safran Helicopter Engine Arriel 1D1 engine
	4C	

#### \*FUNCTIONS DEFINITION:

10 Prepare Mass and Balance Report (MBR)

1D Prepare Mass and Center Gravity Schedule (MCGS)

Prepare Loading Schedule (LS)

Evaluation of Technical Instruction Compliance 4A

48 . Issuance of Engineering Order

4C - Certifying Defect Evaluation Form

#### "Note:

Functions designated not correlate with aircraft type per MYCAS Mass and Balance Programme (MBF) Para 2.2.3 (1), 3.2.3 (1), 4.5.1 (B)

MYCAS-CAQ-016 | Page 2 of 4

#### CONDITIONS

- THE COMPANY APPROVAL IS ONLY VALID WHILST THE HOLDER REMAINS EMPLOYED BY OR CONTRACTED TO MYCOPTER AVIATION SERVICES SDN BHD.
- 2. THE APPROVAL HOLDER IS RESPONSIBLE TO RENEW HIS/HER CAAM APPROVAL PROMPTLY PRIOR TO RENEWAL OF COMPANY APPROVAL FAILING TO DO SO MAY RENDER THEIR COMPANY APPROVAL INVALID.
- THE QUALITY MANAGER HAS THE SOLE AUTHORITY TO GRANT, AMEND, SUSPEND OR WITHDRAW THIS APPROVAL.
- THE APPROVAL STAMP SHALL BE SURRENDERED TO THE QUALITY MANAGER WHENEVER THE APPROVAL IS SUSPENDED, WITHDRAWN OR THE HOLDER IS NO LONGER HAS THE REQUIREMENT TO CERTIFY UNDER MYCOPTER AVIATION SERVICES SON BHD COMPANY APPROVAL

#### TERMS AND REFERENCE

- THIS COMPANY APPROVAL AUTHORISATION ISSUED TO YOU UNDER THE TERM AND REFERENCE LAID DOWN BELOW AND MYCOPTER AVIATION SERVICES SDN BHD CONTINUING AIRWORTHINESS MANAGEMENT ORGANISATION AND AIRCRAFT MASS AND BALANCE PROGRAMME FOR THE TIME BEING IN FORCE.
- AT ALL TIME WHEN USING THIS COMPANY APPROVAL, THE HOLDER ARE RESPONSIBLE TO THE CAMO QUALITY MANAGER OF MYCOPTER AVIATION SERVICES SDN BHD.
- ALL WORKS COMPLETED USING THE AUTHORITY OF THIS COMPANY APPROVAL MUST BE TO A QUALITY AND STANDARD CONFORMING TO:
  - A. THE REQUREMENTS OF THE CIVIL AVIATION AUTHORITY MALAYSIA (CAAM)
    B. THE RECOMMENDATIONS OF THE MANUFACTURER UNLESS WRITTEN
    AUTHORITY TO DEVIATE FROM ANY PARTICULAR RECOMMENDATION IS
    OPTIMISED. OBTAINED.
  - OBTAINED,
    THE PROCEDURE AS LAID DOWN IN MYCOPTER AVIATION SERVICES SDN
    BHD AIRCRAFT MASS AND BALANCE PROGRAMME (MBP) AND CONTINUING
    AIRWORTHINESS MANAGEMENT EXPOSITION (CAME) FOR THE TIME BEING IN
- HOLDERS IS THE ONLY AUTHORISED TO CERTIFY FOR WORKS WITHIN THE SCOPE AS STATED IN THE COMPANY APPROVAL ISSUED BY THE QUALITY MANAGER.
- 5. ALL CERTIFICATIONS MUST BE CLEARED BY SIGNATURE, AND PROPERLY DATED.







**KULLIYYÀH OF ENGINEERING** 

hereby presents this certificate to

# **MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL**

# PIPING NETWORK DESIGN FOR FERTIGATION SYSTEM

for

Second Runner Up in Integrated Design Project MECH 3300 Semester 1 2019/2020

Dr. Nabilah Ramli IDP Coordinator Mechanical Engineering Kulliyyah of Engineering

Prof. Dr. Meltah Hrairi Head of Department Mechanical Engineering Kulliyyah of Engineering



# **KULLIYYAH OF ENGINEERING**

Presents this certificate to

MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL (1625751)

for scholastic achievement qualifying for the

DEAN'S LIST

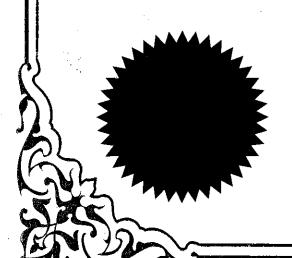
in

Semester 2, 2016/2017

Awarded to a student who obtained a GPA of 3.50 and above and has registered for at least 15 credit hours

PROF. DR. ERRY YULIAN TRIBLAS ADESTA
Dean

Kulliyyah of Engineering International Islamic University Malaysia





# **KULLIYYAH OF ENGINEERING**

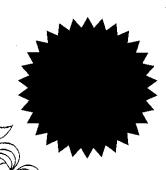
Presents this certificate to

# MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL 1625751

for scholastic achievement in **Semester 2, 2017/2018**qualifying for the

# **DEAN'S LIST AWARD**

Awarded to a student who obtained a GPA of 3.50 and above and has registered for at least 15 credit hours



PROF. DR. ERRY YULIAN T. ADESTA
DEAN

KULLIYYAH OF ENGINEERING
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA



# CERTIFICATE

OF APPRECIATION

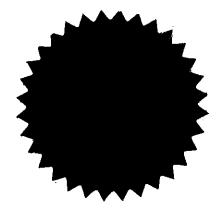
THIS CERTIFICATE IS AWARDED TO

MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL 970925-10-7019

FOR YOUR CONTRIBUTION AND DEDICATION IN BEING THE SUBCOMMITTEE OF

**WELFARE BUREAU** 

OF ENGINEERING STUDENTS' SOCIETY 2016/2017 (ENGINIUS XXIII)



ASSOC. PROF. DR. HASMAH BT MANSOR
DEPUTY DEAN STUDENT AFFAIRS
KULLIYYAH OF ENGINEERING
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

INTERNATIONAL ISLAMIC UNIVERSITI MALATSIA

This Certificate of Completion is issued to:

## MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

970925-10-7019

Ву:

# elitetechnicaltraining

ELITE OPA SDN BHD ATO/2017/03

An organisation approved to the requirements of CAAM Part-147 by:

## Civil Aviation Authority of Malaysia

This is to certify that the above-named person has successfully completed the course stated below:

## **Aviation Legislation - Introduction**

On

22 November 2021 to 23 November 2021

Signed

Muhammad Arif Bin Anuar

Certificate No

: ELITE-AVLI-21-11-010

Training Manager

Training Manager

ATO/2017/03

For

ELITE OPA SDN BHD(848799-T)

Date

: 23 November 2021

This Certificate of Completion is issued to:

## MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

970925-10-7019

By:

# elitetechnicaltraining

ELITE OPA SDN BHD ATO/2017/03

An organisation approved to the requirements of CAAM Part-147 by:

## **Civil Aviation Authority of Malaysia**

This is to certify that the above-named person has successfully completed the course stated below:

**Human Factor - Initial** 

On

2 December and 3 December 2021

Signed

Muhammad Arif Bin Anuar

Certificate No

ELITE-HFI -21-12-004

Training Manager

ATO/2017/03

For

ELITE OPA SDN BHD(848799-T)

Date

: 3 December 2021

This Certificate of Completion is issued to:

## **MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL**

970925-10-7019

By:

# elitetechnicaltraining

ELITE OPA SDN BHD ATO/2017/03

An organisation approved to the requirements of CAAM Part-147 by:

## **Civil Aviation Authority of Malaysia**

This is to certify that the above-named person has successfully completed the course stated below:

### SAFETY MANAGEMENT SYSTEM - REFRESHER

On

24 December 2021

Signed

Muhammad Arif Bin Anuar

Training Manager

For

ELITE OPA SDN BHD(848799-T)

ATO/2017/03

Certificate No

ELITE-SMSR -21-12-029

Date

24 December 2021

This Certificate of Completion is issued to:

## MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

970925-10-7019

By:

# elitetechnicaltraining

ELITE OPA SDN BHD ATO/2017/03

An organisation approved to the requirements of CAAM Part-147 by:

## **Civil Aviation Authority of Malaysia**

This is to certify that the above-named person has successfully completed the course stated below:

**Aircraft Loading Schedule Training** 

On

25 May 2022

Signed

Syed Ansar Bin Mohamed Kalik

Instructor

Certificate No

ELITE-737LS-22-05-008

For

ELITE OPA SDN BHD(848799-T)

ATO/2017/03

Date

: 26 May 2022

This Certificate of Completion is issued to:

## MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

970925-10-7019

By:

# elitetechnicaltraining

ELITE OPA SDN BHD ATO/2017/03

An organisation approved to the requirements of CAAM Part-147 by:

## **Civil Aviation Authority of Malaysia**

This is to certify that the above-named person has successfully completed the course stated below:

Aircraft Mass and Balance Program (CAD6805) - Briefing

On

9 February 2022

Signed

Muhammad Arif Bin Anuar

Training Manager

Certificate No

ELITE-MBP-22-02-004

For

ELITE OPA SDN BHD(848799-T)

ATO/2017/03

Date

: 10 February 2022

This Certificate of Completion is issued to:

## MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

970925-10-7019

By:

# elitetechnicaltraining

ELITE OPA SDN BHD ATO/2017/03

An organisation approved to the requirements of CAAM Part-147 by:

## **Civil Aviation Authority of Malaysia**

This is to certify that the above-named person has successfully completed the course stated below:

## MASS & BALANCE PROGRAM PROCEDURES

on 2<sup>nd</sup> August 2022

Signed

MUHAMMAD SYAFIQ BIN KAMIL

Trainer

ROYSTON GERARD STA MARIA Accountable Manager

Certificate No: ELITE-MB -22-08-006

This Certificate of Completion is issued to:

## MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

970925-10-7019

By:

# elitetechnicaltraining

ELITE OPA SDN BHD ATO/2017/03

An organisation approved to the requirements of CAAM Part-147 by:

## **Civil Aviation Authority of Malaysia**

This is to certify that the above-named person has successfully completed the course stated below:

**CONTINUING AIRWORTHINESS – PART M** 

on 29<sup>th</sup> – 30<sup>th</sup> September 2022

Signed

MUHAMMAD SYAFIQ BIN KAMIL

Trainer

ROYSTON GERARD STA MARIA Accountable Manager

Certificate No: ELITE-PARTM-30-09-002

This Certificate of Completion is issued to:

## **MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL**

970925-10-7019

By:

# elitetechnicaltraining

ELITE OPA SDN BHD ATO/2017/03

An organisation approved to the requirements of CAAM Part-147 by:

## **Civil Aviation Authority of Malaysia**

This is to certify that the above-named person has successfully completed the course stated below:

Fuel Tank Safety Training - Phase 1

On

27 July 2022 to 28 July 2022

Signed

Muhammad Arif Bin Anuar

Training Manager

Certificate No

ELITE-FTS -22-07-010

For

ELITE OPA SDN BHD(848799-T)

ATO/2017/03

Date

: 29 July 2022

This Certificate of Completion is issued to:

## MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

970925-10-7019

Ву:

# elitetechnicaltraining

ELITE OPA SDN BHD ATO/2017/03

An organisation approved to the requirements of CAAM Part-147 by:

Civil Aviation Authority of Malaysia

This is to certify that the above-named person has successfully completed the course stated below:

# **ELECTRICAL WIRING INTERCONNECTION SYSTEM - INITIAL**

from 16th August until 17th August 2022

Signed

ADAM ZHAFRAN GEORGE ABDULLAH

Trainer

ROYSTON GERARD STA MARIA Accountable Manager

Certificate No: ELITE-EWIS -22-08-008

This Certificate of Completion is issued to:

## MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

970925-10-7019

By:

# elitetechnicaltraining

ELITE OPA SDN BHD ATO/2017/03

An organisation approved to the requirements of CAAM Part-147 by:

## Civil Aviation Authority of Malaysia

This is to certify that the above-named person has successfully completed the course stated below:

## PART 21 DESIGN ORGANISATION APPROVAL

on 20th October 2022

Signed

MUHAMMAD SYAFIQ BIN KAMIL

Trainer

ROYSTON GERARD STA MARIA Accountable Manager

Certificate No: ELITE-P21-10-22-002

This Certificate of Completion is issued to:

### MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

970925-10-7019

By:

# elitetechnicaltraining

ELITE OPA SDN BHD ATO/2017/03

An organisation approved to the requirements of CAAM Part-147 by:

## **Civil Aviation Authority of Malaysia**

This is to certify that the above-named person has successfully completed the course stated below:

### Aircraft Structure And Design Analysis

On

3 January and 4 January 2022

Signed

Muhammad Arif Bin Anuar

Course Code

ELITE-ASDA-22-01

Training Manager

Certificate No.

ELITE-ASDA-22-01-005

For

ELITE OPA SDN BHD(848799-T) ATO/2017/03

Date

: 4 January 2022

ETTF2.17(3)/ISSUE3REV0/15FEB2021



This certificate of Attendance is issued to

Name

: MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

I/C No

: 970925-10-7019

Ву

Mycopter Aviation Services Sdn Bhd Design Organisation Approval (DOA/2012/08)

This certificate confirms that the above named person successfully attended the organisational training course stated below

Design Organisation Manual (DOM)
Theoretical / Practical
1-Day Course

Start Date

: 05 January 2022

End Date

: 05 January 2022

MUHAMMAD SYAFIQ BIN KAMIL

HEAD MODE ENDENT MONITORING OFFICE

For:

Mycopter Aviation Services Sdn Bhd

Design Organisation Approval Engineering Training

Date : 05/01/2022

Certificate No.: MYCAS.DOA.CTA.22.002-DOM



This certificate of Attendance is issued to

Name

: MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

I/C No

: 970925-10-7019

Ву

Mycopter Aviation Services Sdn Bhd
Design Organisation Approval (DOA/2012/08)

This certificate confirms that the above named person successfully attended the organisational training course stated below

Design Organisation Manual (DOM)
Theoretical / Practical
1-Day Course

Start Date End Date

: 05 January 2022 : 05 January 2022

MUHAMMAD SYAFIQ BIN KAMIL

HEAD INDEPENDENT MONITORING FUNCTION

For:

Mycopter Aviation Services Sdn Bhd

Design Organisation Approval Engineering Training

Date : 05/01/2022

Certificate No.: MYCAS.DOA.CTA.21.005-ASDA



This certificate of Attendance is issued to

Name

: MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

I/C No

: 970925-10-7019

Ву

Mycopter Aviation Services Sdn Bhd Design Organisation Approval (DOA/2012/08)

This certificate confirms that the above named person successfully attended the organisational training course stated below

**Certification Specification** Theoretical 2-Day Course

Start Date : 26 November 2021

End Date

: 30 November 2021

MUHAMMAD SYAFIQ BIN KAMIL

HEAD INDEPENDENT MONITORING OFFICE

For:

Mycopter Aviation Services Sdn Bhd

Design Organisation Approval Engineering Training

: 30/11/2021

Certificate No.: MYCAS.DOA.CTA.21.011-CS



This Certificate of Attendance is issued to

Name

: MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

I/C No

: 970925-10-7019

Ву

Mycopter Aviation Services Sdn Bhd

Continuing Airworthiness Management Organisation (CAMO/2018/03)

This certificate confirms that the above named person successfully attended the organisational training course stated below

Company Procedure (CAME)
Theoretical
1-Day Course

Start Date

: 22 September 2022

End Date

: 22 September 2022

MUHAMMAÓ SYAFIQ BIN KAMIL QUALITY ASSURANCE MANAGER

For:

Mycopter Aviation Services Sdn Bhd

CAMO Engineering Training Date : 06/10/2022

Certificate No.: MYCAS.CAMO.CTA.22.005-CAME



This certificate of Attendance is issued to

Name

: MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL

I/C No

: 970925-10-7019

Ву

Mycopter Aviation Services Sdn Bhd Design Organisation Approval (DOA/2012/08)

This certificate confirms that the above named person successfully attended the organisational training course stated below

Design Organisation Manual (DOM) Issue 12 Revision 0 Theoretical 1-Day Course

Start Date End Date : 20 October 2022 : 20 October 2022

MUHAMMAD SYAFIQ BIN KAMIL

HEAD INDEPENDENT MONITORING OFFICE

For:

Mycopter Aviation Services Sdn Bhd

Design Organisation Approval Engineering Training

Date

: 20/10/2022

Certificate No.: MYCAS.DOA.CTA.22.006-DOM

Serial No.: SZB / 107019





# CERTIFICATE OF COMPLETION

This is to certify that

# MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL 970925-10-7019

Has successfully completed the course of

## FIRE SAFETY AWARENESS

On

**04 OKTOBER 2022** 

Validity until

**04 OKTOBER 2025** 

Airport Fire & Rescue Service (AFRS)

Malaysia Airports Sdn Bhd

(199101020335 (230646-U))



# CERTIFICATE OF APPRECIATION

This certificate is proudly present to

### **MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL**

970925-10-7019

in recognition of your worthy contribution and active participation in

**MYCAS AVIATION SAFETY WEEK 2022** 

held on

06 SEPTEMBER 2022 to 15 SEPTEMBER 2022

Attested satisfactory attendance for the following programmes

SAFETY MANAGEMENT SYSTEM (SMS) WORKSHOP VISIT SELANGOR AVIATION SHOW 2022 MYCAS HANGAR GOTONG-ROYONG

FIRE DRILL EXERCISE (IN CONJUNCTION WITH AFRS MALAYSIA AIRPORTS)

Safety22

AHMAD ARIFF SAIDI

**Managing Director** 

MUHAMMAD SYAFIQ KAMIL

Safety Manager

CERTIFICATE NO: MYCAS/SMS/COA/22/12



LOT 10, HELICOPTER CENTRE
SULTAN ABDUL AZIZ SHAH AIRPORT
47200 SUBANG, SELANGOR, MALAYSIA
E: SERVICE@MYCOPTERAVIATION.COM.MY
WWW. MYCOPTERAVIATION.COM.MY

Date of Briefing: 27/01/2023

### **DETAILS OF CONDUCTOR**

Company	CAAM Approval Number	Base Location
PASUKAN GERAKAN UDARA (PGU)	CAMO /2017 /33 (SAS)	IPOH
Name of Person	CAAM Licence Number	Company Approval No.
MOHD NASIR BIN SAI'AN (Supt)  Ketua Jurutore  Pengkelan Latihan  Panutan Gerakan Udara, PDRM  31350 Inoh, Perak	(E)	SAS LAE 032

**AIRCRAFT DETAILS** 

Aircraft Manufacturer	Aircraft Type	Aircraft Variants
TEXTRON	CESSNA 208	CARAVAN I

### LIST OF DATA

Item	Title	Issue / Revision	Dated
1	Aircraft Maintenance Manual	Revision 37	01/03/2020
2	Weight and Balance Manual (if applicable)	-	-
3	Approved Flight Manual	Revision 34	04 105 / 2007
4			

### **DETAILS OF WEIGHING ENGINEER**

Name	Position	
SYED ANSAR MOHAMED KALIK	(MYCASOG7)	MBR & MCGS SIGNATORY
MUHAMMAD IRFAN FAHMI MOHD JAMIL	(MYCASO75)	MBR & MCGS PREPARER
MUHAMMAD RIFQI AQIL RUSLAN	(MYCAS074)	MBR & MCGS PREPARER



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Date of Briefing:

27/01/2023

FAN	MILIARISATION AREAS		Sign. & Stamp	
Item	Reference Number	Data Source	MBR / MCGS Signatory	Type Rated LAE
1	Aircraft flying roles and weighing configuration.	AFM Sodion 6,2	Ju	() (En)
2	Aircraft Longitudinal & Lateral references.	AFM Section 6, AMM 7, 8	gu,	()S (En)
3	Jacking points/weighing points, weighing & levelling, the arms of the weighing points.	AMM 7, 8	Qu.	Ø (1)
4	Aircraft weight and CG limitations	AFM Section 6	Qu	(F) (A)
5	General basic equipment and locations.	AFM Section	Ju	OF CENT
6	Weight and balance envelopes	AFM Section 6	Qu	
7	Correction of aircraft balance	AFM Section	Ju	(\$
8	Use of Maintenance Manual, Weight and Balance Manual and Approved Flight Manual.  Specifically AMM Chapter 8 and AFM Section 2 and Section 6.	AFM, AMM	Gu	Ø.



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Date of Briefing: 27/01/2023

#### **DETAILS OF CONDUCTOR**

Company	CAAM Approval Number	Base Location
PASUKAN GERAKAN UDARA (PGU)	CAMO/2017/33 (SAS)	1PO H
Name of Person	CAAM Licence Number	Company Approval No.
MOHD NASIR BIN SAPAN (. Supt) Ketua Jurutana	(811)	SAS
Pangkalan Latihan Pasukan Gerakan Udara, PDRM 31350 Ipoh, Perak		032

### **AIRCRAFT DETAILS**

Aircraft Manufacturer	Aircraft Type	Aircraft Variants
TEXTRON	CESSNA 172	1728

### **LIST OF DATA**

Item	Title	Issue / Revision	Dated
1	Aircraft Maintenance Manual	Revision 24	01/07/2021
2	Weight and Balance Manual (if applicable)		-
3	Approved Flight Manual	Revision 4	30/05/2000
4			

#### **DETAILS OF WEIGHING ENGINEER**

Name	Position
SYED ANSAR MOHAMED KALIK (MYCASOG7)	MBR & MCGS SIGNATORY
MUHAMMAD IRFAN FAHMI MOHD JAMIL (MYCASO75)	MBR & MCGS PREPARER
MUHAMMAD RIFQI AQIL RUSLAN (MYCAS 074)	MBR & MCGS PREPARER
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Date of Briefing:

27 /01 / 2023

FAN	FAMILIARISATION AREAS			Stamp
Item	Reference Number	Data Source	MBR / MCGS Signatory	Type Rated LAE
1	Aircraft flying roles and weighing configuration.	AFM Section	Ju.	Os (E)
2	Aircraft Longitudinal & Lateral references.	AFM Section	Qu.	() (E) (2511)
3	Jacking points/weighing points, weighing & levelling, the arms of the weighing points.	AMM 7, 8	Ju.	QS. (E)
4	Aircraft weight and CG limitations	AFM Section	gu.	O. (2811)
5	General basic equipment and locations.	AFM Section	Qu.	Q! (E)
6	Weight and balance envelopes	AFM Saction	Opr.	Ø. (3811)
7	Correction of aircraft balance	AFM Section	Gm.	Œ ®
8	Use of Maintenance Manual, Weight and Balance Manual and Approved Flight Manual.  Specifically AMM Chapter 8 and AFM Section 2 and Section 6.	AFM, AMM	Ju.	OS,



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Date of Briefing: 2

23/03/2822

### **DETAILS OF CONDUCTOR**

Company	CAAM Approval Number	Base Location
Helistar Resources San. Bhd.	CAMO/2017/09	Subang
Name of Person	CAAM Licence Number	Company Approval No.
MOHO IZWAN BIN HARUN	E4354	E005

#### **AIRCRAFT DETAILS**

Aircraft Manufacturer	Aircraft Type	Aircraft Variants
Leonardo Helicopters	AW139	AW139

### **LIST OF DATA**

Item	Title	Issue / Revision	Dated
1	Aircraft Maintenance Manual (IETP)	40th Issue	10/12/2021
2	Weight and Balance Manual (if applicable)	N/A	K/A
3	Approved Flight Manual	Iss. 2 Rev. 27	27/5/2021
4		_	

### DETAILS OF WEIGHING ENGINEER

Name		STAFF NO
Syed Ansar Mohamed Kalik	gui.	MYCASO67
Muhd Lugman Hadi	de	MYCASO 71
MUHAMMAD RIFQI AQIL B. RUSLAN	Dit:	MYCASO74
MUHAMMAD IRFAN FAHMI BIN MOHD JAMIL	2	MYCAS 075

FAMILIARISATION AREAS			Sign. & Stamp	
Item	Reference Number	Data Source	Weighing Engineer	Type Rated LAE
1	Aircraft flying roles and weighing configuration.	Pant 11 (RFM) Section 6	gw	the same
2	Aircraft Longitudinal & Lateral references.	Part II (RFM) Section 6	Jun	juar
3	Jacking points/weighing points, weighing & levelling, the arms of the weighing points.	AMP Section 7,8	9m	Jam
4	Aircraft weight and CG limitations	Part 2 (RFM) Section 6	9m	Juan
5	General basic equipment and locations.	Aircraft Walkaround	Jan	Bur



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Date of Briefing: 23/03/2022

6	Weight and balance envelopes	Part 11 (RFM) (RFM) Section 6	Ju	Farm
7	Correction of aircraft balance	Part 11 (RFM) Section 6	9m	Juan
8	Use of Maintenance Manual, Weight and Balance Manual and Approved Flight Manual.  Specifically AMM Chapter 8 and AFM Section 2 and Section 6.	-RFM Part 1/2 -IETP AMP	Qu	Juman



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Date of Briefing: 24/12/2022

### **DETAILS OF CONDUCTOR**

Company	CAAM Approval Number	Base Location
AIROD AEROSPACE TECHNOLOGY SDN BHD	AMO/2016/29	SUBANG
Name of Person	CAAM Licence Number	Company Approval No.
MR. JUDE JOSEPH	E2358	AAR \$141. (AAR)

#### **AIRCRAFT DETAILS**

Aircraft Manufacturer	Aircraft Type	Aircraft Variants
AIRBUS	A318/A319/A320/A321	General

### **LIST OF DATA**

Item	Title	Issue / Revision	Dated
1	Aircraft Maintenance Manual (AMM), Chapter 7 and 8	Revision 73	01/11/2022
2	Weight and Balance Manual (WBM), BKP A318/A319/A320/A321 Fleet		29/06/2022
3	Airplane Flight Manual (AFM), BKP A318/A319/A320/A321 Fleet	L IM-WGHT P 25/28	07/10/2020
4	Single Aisle, Technical Training Manual (Mass & Balance Related Only)	-	-

### **DETAILS OF WEIGHING ENGINEER**

Name	Position
SYED ANSAR MOHAMED KALIK	MYCAS067
MUHD LUQMAN HADI AHMAD YANI	MYCAS071
MUHAMMAD RIFQI AQIL RUSLAN	MYCAS074
MUHAMMAD IRFAN FAHMI MOHD JAMIL	MYCAS075



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Date of Briefing:

24/12/2022

FAMILIARISATION AREAS			Sign. & Stamp	
ltem	Reference Number	Data Source	MBR / MCGS Signatory	Type Rated LAE
1	Aircraft flying roles and weighing configuration.	AFM Part 2, Limitation	Qu	Mh AI
2	Aircraft Longitudinal references.	WBM, Aircraft Reference System	Du	Ulla FAA
3	Jacking points/weighing points, weighing & levelling, the arms of the weighing points.	WBM, Ground Operation AMM 7, 8	Ju	JA'e
4	Aircraft weight and CG limitations	AFM Part 2, WBM, Limitations	Ju	W AA
5	General basic equipment and locations.	WBM, A320 Seq: 3672	Ju.	JEA6
6	Weight and balance envelopes	AFM Part 2, WBM, Limitations	Ju	W Ae
7	Correction of aircraft balance	AFM Part 2, WBM, Limitations	Ju	AAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
8	Use of Maintenance Manual, Weight and Balance Manual and Approved Flight Manual.  Specifically AMM Chapter 8 and AFM Section 2 and Section 6.	AMM, WBM, AFM	Qu.	



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Date of Briefing:

05/01/2023

### **DETAILS OF CONDUCTOR**

Company	CAAM Approval Number	Base Location
AIROD AEROSPACE TECHNOLOGY SDN BHD	AMO/2016/29	SUBANG
Name of Person	CAAM Licence Number	Company Approval No.
MUHAMMAD HAFIZUDDIN BIN ZAINOL	E3988	AAe 138
Conductor's Signature/Stamp		
AAe 138		

### **AIRCRAFT DETAILS**

Aircraft Manufacturer	Aircraft Type	Aircraft Variants
ATR-GIE Avions de Transport Regional	ATR 72	72-600

#### **LIST OF DATA**

Item	Title	Issue / Revision	Dated
1	ATR Aircraft Maintenance Manual (AMM), Chapter 8	Issue 2	01/07/2021
2	ATR Weight and Balance Manual (WBM), Fleet 72-600	Revision 10	15/04/2022
3	ATR Flight Crew Operations Manual (FCOM), Fleet 72-600	Revision 40	21/10/2022

### **DETAILS OF WEIGHING ENGINEER**

Name	Position
SYED ANSAR MOHAMED KALIK	MYCAS067
MUHD LUQMAN HADI AHMAD YANI	MYCAS071
MUHAMMAD RIFQI AQIL RUSLAN	MYCAS074
MUHAMMAD IRFAN FAHMI MOHD JAMIL	MYCAS075



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Date of Briefing: 05/01/2023

FAMILIARISATION AREAS			Sign. & Stamp	
Item	Reference Number	Data Source	MBR / MCGS Signatory	Type Rated LAE
1	Aircraft flying roles and weighing configuration.	AMM Chapter 8	Qu	>=>
2	Aircraft Longitudinal references.	WBM, Description, Aircraft General	Ju.	>->
3	Jacking points/weighing points, weighing & levelling, the arms of the weighing points.	AMM Chapter 8	Ju	>2>
4	Aircraft weight and CG limitations	FCOM, Limitations, Weight and Loading	Ju	>=+
5	General basic equipment and locations.	WBM, Supplements, Weighing Report	Ju	>
6	Weight and balance envelopes	WBM, Limitations, W&B Limitations	Ju	>
7	Correction of aircraft balance	WBM, Limitations, W&B Limitations	Ju	>-
8	Use of Maintenance Manual, Weight and Balance Manual and Approved Flight Manual.	AMM, WBM, FCOM	Ju	>=>