



MUHAMMAD FAHMI BIN ALIAS

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SUMMARY

A motivated and technically skilled Aircraft Engineering graduate with hands-on experience in aircraft maintenance, production planning, and technical documentation. Demonstrates strong learning agility, mechanical aptitude, and familiarity with aviation industry standards. Actively interested in CAD design, techno-business, and computer programming. Capable of adapting to industry environments with a strong foundation in engineering software and procedures.

EDUCATION

Bachelor's Degree in Aircraft Engineering Technology (Mechanical) (Hons.) 2023 – 2025

Universiti Kuala Lumpur - Malaysian Institute of Aviation Technology (UniKL MIAT)

- CGPA: 3.17

Diploma in Engineering Technology (Aeroplane Maintenance) 2019 – 2022

Universiti Kuala Lumpur - MIAT

- CGPA: 3.80

Sijil Pelajaran Malaysia (SPM) 2017 – 2018

SMK Puncak Alam 3

- Results: 3A, 1B, 3C, 1D, 1E

WORK EXPERIENCE

Production Planner (PROTÉGÉ Program) Jan 2025 – Present

Weststar Services Sdn Bhd

- Drafted and updated stage worksheets aligned with aircraft maintenance manuals.
- Assisted Maintenance Manager in revising MOE and Engineering Manuals.
- Built databases for helicopter maintenance involving parts, tools, and supplies.

On-the-Job Training (OJT) July 2024 – Jan 2025

Leonardo Helicopter Malaysia

- Managed work packages for helicopter repairs.
- Assisted Technical Service Engineers in reviewing aircraft manuals (AMM) and service bulletins.
- Organized helicopter documentation including work packs and logbooks.

General Mechanic July 2022 – Jan 2023

Airfoil Services Sdn Bhd

- Repaired low-pressure turbine blades for various gas turbine engines per maintenance manuals.
- Handled documentation for different aviation authorities.
- Operated lathe and CNC machines for component fabrication.

PROJECT

- FYP Degree: Design and build FOD Robots using CAD Catia for hangar and tarmac operations
- FYP Diploma: A study on Solar Power Use in Aircraft: Developed a portable refrigerator powered by solar energy.

SKILLS

- Familiar with aviation documentation (MOE, AMM, service bulletins)
- Knowledge of aircraft maintenance environments and technical tools
- Basic proficiency in Microsoft Word, Excel, PowerPoint
- Hands-on experience with lathe and CNC machines
- CAD Design using Catia
- Languages: English – Fluent & Bahasa Melayu – Fluent

REFERENCE

Musab Al Khair bin Khalid

Maintenance Manager

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