



NUR ASFEENA BINTI ROSLAN

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Freshly graduated with Bachelor of Aerospace Engineering and currently employed in Continuing Airworthiness Management Organization (CAMO) departments as a Technical Services Engineer (Protege). Seeking a challenging career that will aid in the structure of my professional life. Reliable with deadlines, persistent, and eager to learn to broaden my understanding in Aviation industry.

EDUCATION

Bachelor of Aerospace Engineering with Honours Sept 2018–Aug 2022
Universiti Putra Malaysia, Serdang

Diploma In Mechanical Engineering Jun 2015–April 2018
Politeknik Sultan Azlan Shah, Behrang

SKILLS AND PROFICIENCIES

Language	Malay, English
Soft Skills	Adaptability, Time Management, MS Office (Word, PowerPoint, Excel)
Analysis	Computational Fluid Dynamics (CFD)
Computer Aid Design	CATIA V5, SolidWorks

WORK EXPERIENCE

Technical Services Engineer Protege | Galaxy Aerospace (M) Sdn. Bhd. 15 Aug 2022 – Present

- Prepare and raised required technical documents in accordance with approved procedures, regulatory requirements, and owner/operator requirements.
- Revise Aircraft Maintenance Program by additions or amendments from reliable sources.
- Involve with aircraft weighing activities and prepared weighing report.
- Liaise with manufacturer, vendor, and customer to any issues regarding the technical manual.
- Prepare modification or repair data package for CAAM submission and approval.
- Analyze engine trend data for condition monitoring of engines and data for other crucial aircraft components to sustain inherent reliability.
- Develop Dent and Buckle chart.

Aircraft Cabin Maintenance | Cosmo Aviation Sdn. Bhd. 17 Nov 2022 – 28 Nov 22

- Remove placards and clean cabin wall and aircraft doors.
- Remove carpets, passenger seat covers, curtains.
- Disassemble and reassemble the cabin meal tray and seat arm rest.
- Install cabin interior components into the aircraft including galley carts, and waste compactor.
- Responsible for defect rectification on cabin interior including meal tray, passenger seats and overhead compartment.
- Install pocket holders in passenger cabins.

Technical Services Intern | FlyFirefly Sdn. Bhd. 02 Aug 2021 – 10 Oct 2021

- Update Firefly Technical Publication system.
- Improve the workflow for Aircraft Maintenance Plan.
- Revise and amend Minimum Equipment List (MEL) according to the latest Master Minimum Equipment List
- Test Integrated software and tools for data processing systems.

PROJECTS

Effects of Displacement Rates on the Thermomechanical Behaviour of Shape Memory Alloy Wires Subjected to Tensile at High Temperature | 2022

- Study on the effect of displacement rates of shape memory alloy subjected to thermomechanical behavior through tensile testing.
- Direct Current Electric method is used to obtain the temperature of the shape memory alloy wire.
- Tensile testing will be performed on the wire at various temperatures to identify the thermomechanical characteristics of the shape memory alloy wires.

Fabrication of Rocket | 2022

- Design the rocket based on Hydra-70 using Open rocket software.
- Fabricate the rocket body using fiberglass whereas the nosecone and fin are 3D printed using Polylactic Acid (PLA).

The Putra Space Hybrid Airship UAV | 2022

- Design the ball joint to be attached to a carbon rod that supports the airship's propulsion system by using CATIA V5.
- Fabricate the ball joint using a 3D printer.
- Assemble four thruster arms on the airship. The function of the thruster arm is to hold the motor and servo for the propulsion system.

Load Analysis on The Wing Structure | 2021

- Construct a paper wing using only A4 paper and glue to resist different loads.
 - Explore the basic principle of aircraft structural construction to resist major types of loads such as bending, torsion and buckling.
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EXTRA-CIRCULAR ACTIVITIES

Aerovolunteer | 2019

- Welfare Exco.
- Create a cat shelter out of recycled materials.
- Gather and empty trash and recycling bin.

43th Convocation Ceremony | 2019

- Politely direct and escort patrons to their seats.
- Ensure the aisles, walkways, and designated seating areas are clear, clean and safe.
- Perform other related duties as assigned.

Folks out of Charity (FOC) | 2019

- Traffic and Welfare Exco.
- Guide the visitor to the appropriate parking areas.

AISEC volunteer | 2018

- Facilitator.
 - Create and deliver activities to students in Vietnam.
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REFERENCES

Norkhairunnisa Mazlan, Academic Supervisor | Universiti Putra Malaysia

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Dayang Laila Abang Abdul Majid, Final Year Project Supervisor | Universiti Putra Malaysia

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