



NUR HUSNINA MUHAMAD ZURAIDI

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Experienced continuous improvement with history of working in the Part M CAMO department with a background of Aerospace Engineering. Seeking to use maintenance planning and management experience to maintain the airworthiness of the aircraft.

EXPERIENCES:

CAMO Technical Record (Protégé), Galaxy Aerospace (M) Sdn. Bhd. (Jan 2023 – Present)

- Update and manage aircraft records associated with maintenance management and operation such as logbook and log card.
- Liaise and verify with Part 145 AMO for any component status such as installation and removal.
- Accept, check and update completed Work Package details in respective aircraft masterlist.
- Ensure all aircraft records received kept accordingly in archive room and cloud storage.
- Update Modification Record Book every first week of the month.
- Distribute to the aircraft owner or operator monthly hours every first week of the month and yearly hours every first week of the year.

CAMO Planner (Protégé), Galaxy Aerospace (M) Sdn. Bhd. (Apr 2022 – Dec 2022)

- Prepare and distribute weekly, quarterly, and yearly Maintenance Forecast for planning purposes.
- Gather and monitor all Scheduled Maintenance Inspection as per Aircraft Maintenance Programme (AMP), Airworthiness Directives and Service Bulletins for A109E, AW139 and AW189.
- Advise Part 145 AMO and customer of any additional requirement especially Airworthiness Directives and Service Bulletins.
- Issue and raise full Work Package and consult the task with Part 145 AMO to verify the scope and content.
- Check and accept of completed Work Package including Authorized Released Certificate (ARC) and Certificate of Conformity (CoC) no later than 30 days from maintenance completion.
- Ensure all parts installed and removed from the aircraft recorded and monitored in the Continuing Airworthiness Management System (CAMS).

Internship Trainee (DOA), MyCopter Aviation Services Sdn. Bhd. (Jul 2021 – Oct 2021)

- Assist Weighing Engineer to conduct weighing for EC120B and P.180 Avanti Evo.
- Establish Weight and Balance Trim Sheet Substantiation for Freighter Configuration for P.180 Avanti Evo using Microsoft Excel.
- Digitalize Aircraft Logbooks and Flight Manual of AW 139 for end of lease.
- Prepare Engineering Drawing for Installation Interior and Exterior for Aircraft Markings on Airbus 330-343 using SOLIDWORKS.

EDUCATION

Master of Science in Engineering – Mechanical Engineering (By Research), IIUM (Sep 2022 – Present)

- Area of specialization: Aerodynamics and Fluid Mechanics

Bachelor of Engineering (Aerospace) (Honours), IIUM (Jan 2018 – Feb 2022)

- CGPA: 3.52

Foundation in Engineering & Computer Science, CFSIIUM (Jun 2016 – Dec 2017)

- CGPA: 3.71

COMPUTER SKILLS

- Microsoft Office
- SOLIDWORKS
- ANSYS Fluent
- C & C++ Programming
- Python

TECHNICAL SKILLS

- Project management
 - Data analysis
 - Technical writing
 - Maintenance planning
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AWARDS AND SCHOLARSHIPS

- 2022 • Rector's List for Bachelor of Engineering
 - 2020 • Biasiswa Program Ijazah Dalam Negara, Jabatan Perkhidmatan Awam (JPA)
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LEADERSHIP AND INVOLVEMENTS

Athlete for IIUM Mustang Dragon Boat Team (2018-2022)

- Represented the Mix Team for Dragon Boat Regatta (National Level).
- Represented the Mix Team for Penang International Dragon Boat Festival.

Committee of Insan Sejahtera, Ta'aruf Week Sem 2, 2020/2021. (February 2021)

- Supervised 20+ Aerospace Engineering new intake student during online orientation session for 3 days.
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COURSE ATTENDED

- 2022 • Python Programming for Mechanical Engineers by Department of Mechanical Engineering Bearys Institute of Technology, Mangalore
 - 2021 • CAAM Part 21 Introduction Course
 - 2020 • General Aviation Training by Aitecq Engineering Sdn. Bhd.
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PUBLICATIONS

Passive Control of Base Pressure in a Converging-Diverging Nozzle with Area Ratio 2.56 at Mach 1.8

- Journal: Fluid Dynamics & Materials Processing 2023, Vol. 19 No. 3, Page 807-829.

Passive Control of Base Pressure Using Cavities in A Sudden Expansion Duct: A CFD Approach

- Journal: Mechanical Engineering Research and Developments Vol. 45 No. 3, Page 44-70
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LANGUAGE PROFICIENCY

- **Malay** – Native
 - **English** – Professional
 - **Arabic** – Beginner
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ADDITIONAL INFORMATION

- Possess own transport
 - Driving License – Class D
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REFERENCE

Prof. Dr. Sher Afghan Khan

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Department of Mechanical and Aerospace Engineering,
International Islamic University Malaysia,
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