

Zimam Amer Bin Muhamad



Details

Permanent Address : Puchong, Selangor
Mobile Phone No : 013-3865177
Email : zimamamer@gmail.com
Education : Bachelor in Engineering (Aerospace Engineering)

Introduction

Aerospace (Mechanical) `s degree holder with 2 years of experience in general civil aviation in design and technical services. High competencies in developing technical documents in design function (mechanical structure and cabin interior). Also, a good 5S practitioner and Kaizen (improvement) to increase efficiency and productivity. A fast learner and a good team player to achieve goals.

Working Experiences

Company : **Galaxy Aerospace (M) Sdn. Bhd.**

Period : Jan 2021 – Present

Role : Design /Tech Service Engineer (Protégé Program)

Department : Design & Technical Services Department.

Job Description :

- Prepare and develop minor/major modification data package.
- Prepare technical drawings and develop analysis justification report.
- Assist in preparing technical documents for Technical Services/Support
- Develop MEL/AMP/Engineering Order to CAMO Department
- Update the Technical Instruction Compliance of AD/SB for AW138
- Provide technical support for maintenance (Alternative part, Alternative repair, Alternative tooling, damage and repair assessment)
- Focal point between maintenance and OEM (Airbus TechRequest, Leonardo portal)
- Liaise with CAAM and other airworthiness authorities and OEM in the scope of Tech Services.

DOA Projects :

- Minor Mod – Installation of Malaysia Wording Placard on King Air B300
- Minor Mod– Installation of Data Plate, Internal & External Markings on RobinsonR44
- Major Mod – Installation of Medevac Stretcher on AW139/AW189

Others :

- Design Repair- Fabrication and Installation of EWR Shim on AS555 Fennec

Company : **AITECQ Engineering Sdn. Bhd.**

Period : October 2019 – November 2020

Role : Technical Service Design Engineer

Department : Design Team

Job Description :

- Design, develop and implement major and minor modification DOA Part 21 Subpart J under CAAM AN 78

- Provide guidance for all repair and alteration activities to the approved technical data provided in OEM repair manuals, Service Bulletins, AD, and other data acceptable to or approved by applicable regulatory (e.g., FAA & EASA)
- Prepare Engineering Report/Engineering Drawing/Engineering Justification for major and minor modification on small and large aircraft/rotorcraft.
- Prepare engineering drawing LOPA and EEL for commercial aircraft.
- Develop equivalency report for alternate tool for the Component Maintenance Manual.

Achievements :

- Prepare the LOPA and EEL for Bombardier Global 5000 (ASIA JETS SDN BHD.)
- Develop modification package for installation additional oxygen cylinder for ATR 42-500 (Berjaya Air)
- Develop equivalency alternative Tools and Test Equipment (TTE) report for Emergency Safety Equipment Component for Destini Avia Technique Sdn Bhd.
- Develop modification package for Carriage of Cargo in Passenger Seat Compartment on B737-800 (Mjets International Sdn. Bhd.)

Company : **UMW Training Centre Sdn Bhd**

Period : May 2019 - October 2019

Role : CIP Executive (Protégé Program)

Department : Continuous Improvement Program

Job Description :

- Organize and conduct training for continuous improvement program to all UMW branches. Especially 5S and Kobetsu Kaizen.
- Planning, preparing document for 5S surveillance and general documentation audit activities to all UMW branches in Malaysia.
- Conduct a full audit on 5S especially on physical surveillance and group audit for each company requested.
- Complete the finding report and prepare the final audit report to the champion of the company.

Achievements :

- Winner(1st) for Character Building Project: Corporate Social Responsibilities for Arts and Culture
- Lead for Public Relation team and become floor manager for the Character-Building Project.
- Performed and create entrepreneur business model proposal for Entrepreneur Convention Day
- Experienced in Project Management essentials and tools.
- Experienced in Root Cause Analysis and Kobetsu Kaizen for problem solving and continuous improvement.

Company : **Top Glove Corporation Sdn Bhd**
Period : June 2018 – September 2018
Role : M&E Engineer Trainee (Internship)
Department : Mechanical and Electrical Department
Job Description :

- General responsibility to maintain the production line and other facilities in the factory. Planning the downtime for maintaining of the production line.
- Ensure the cooler/boiler for main tank and GenSet is working properly for backup generators.

Achievements :

- Improving Small Washing Brush design. Conducted detail design into CAD using Solidworks.
- Troubleshoot the rise ampere reading Main drive production line. Monitoring the main drive motor ampere and regularly check the performance of main drive chain and main conveyor track.
- Design roof platform for warehouse Block B. Conducted detail design into CAD using Solidworks and discuss with contractor about the design.
- Design platform for Evaporative Air Chiller. Provide solution for make it the design more cost effective.
- Introduced Chain elongation monitoring system to RASM department. Develop the system using photoelectric sensors and Arduino controller.

Educations

- 2015-2018** : **International Islamic University Malaysia (IIUM)**
: BEng (Hons) Aerospace Engineering, December 2018
: Second Class Upper (CGPA: 3.24)
- 2013-2014** : **Center of Foundation Studies IIUM (CFS IIUM)**
: Foundation in Engineering and ICT
: Second Lower Class (CGPA: 3.29)

Aviation Training

- **2021** : Airbus AS3555 General Familiarization Level 1
- **2021** : Project and Risk Management
- **2020** : Aircraft Interior Disinfection and Sanitization Training
- **2020** : B777-200/200ER/200LR/300/300ER/F GENFAM LVL1
- **2020** : B737-700/800/900 GENFAM LVL1
- **2019** : CAAM Pre Assessment & Notice 8401
- **2019** : Human Factors Training

Languages

Languages	Proficiency
Malays	Advanced
English	Advanced

Relevant Skill

Skill	Proficiency
Microsoft Office (Word, Excel, PowerPoint, Outlook)	Intermediate
Arduino IDE	Intermediate
C/C++	Intermediate
Python	Intermediate
Matlab /Simulink	Intermediate
AutoCAD/ Solidwork	Intermediate
3D Blender	Beginner
Unity / Vuforia	Beginner
STK AGI	Intermediate

Additional Info

Willing to Travel: Highly	Willing to Relocate: Will Consider
Possess Own Transport: Yes	Expected Salary: RM3800

References

Ir Nizam Nazar,
Head of Design Office
Galaxy Aerospace (M) Sdn Bhd
+6012-3057196
nizamnazar.galaxyaerospace@gmail.com

Imran Ismail,
Head of Design Office
AITECQ Engineering Sdn Bhd
+60 12-367 2776
imran.aitecq@gmail.com

Aslam Khan,
Chief Executive Officer
AITECQ Engineering Sdn Bhd
+60 123005540
aslam@aitecq.com