**KARNATI RAJEEV REDDY**

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PERSONAL SUMMARY

A competent Aeronautical Engineer with a comprehensive knowledge of understanding aircraft maintenance related documents also understanding of aircraft mechanism, aerodynamics, and design. Self-motivated professional with strong communication skills, an ability to learn new things quickly and work as a team.

ORGANIZATIONAL EXPERIENCE

* Currently working in Mytri Aviation Private Limited on the position of technical officer in CAMO department. Mytri Aviation is a non-scheduled operator based in Hyderabad.
* 3 years of experience as a technician in Rajiv Gandhi aviation academy. In this time period, I was assisted to certified staff in accomplishment of daily assignments as required for maintenance.
* Maintained records of equipment’s which are used in maintenance activity and checked it all daily with check list and maintained in serviceable condition and getting any shortage in the hanger informed to the certifying staff and in-charge of the hanger.
* Maintained records of consumables are used on aircrafts like hydraulic fluid and engine oil, aircraft fuel etc.
* Maintained self –audit book of equipment to be carried out every month as per the check list .All document’s related to maintenance activity submitted in the main office.
* Hands on experience in maintenance of electrical and electronics systems of an aircraft.
* Participated in jet engine assembly and know the basics of engine components and aircrafts components.
* Construct ground power unit with lead acid batteries.
* Worked on aircrafts and engines:
* CESSNA 152 aircraft fitted with Lycoming 0-235-N2C/L2C engine
* CESSNA 172 R/S aircraft fitted with Lycoming IO-360-L2A ENGINE
* GARMIN G1000 fitted on Cessna 172R NAV.III aircraft.
* LEARJET

EDUCATIONAL DETAILS

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| --- | --- | --- | --- |
| Examination | Year of  Graduation | College/University | Percentage |
| B.Tech in Aeronautical Engineering | 2014 | Kottam college of engineering  JNTUA | 70.9 % |
| Intermediate  (MPC) | 2010 | Masters Junior College | 75.6 % |
| S.S.C | 2008 | Sri Vidhya high school | 75% |

SKILL SET

* Knowledge on design software CATIA
* Knowledge on analysis software ANSYS & HYPERMESH

DRONE TECHNOLOGY

I completed a training on DRONE TECHNOLOGY under APPSSDC for 100 days. During the course I trained on the following skills.

* knowledge on UAV (multi rotor) systems
* 30hrs flying experience on QUAD COPTER
* Quad copter assembling
* Good troubleshooter on quad copter
* Basic knowledge on data processing
* Knowledge on ARDUINOPILOT
* Knowledge on data processing tools like pix4d mapping and Aegisoft mapping
* Knowledge on Dji phantom 4 and phantom 4 pro.
* Six months worked in aarvee associates as UAV pilot cum engineer in survey division.

AEROSPACE TECHNICAL PUBLICATIONS

* Trained in aerospace technical publications standards, tool, and working process.
* Training includes the study of Engineering Drawings:
  + Engineering Drawing Layout, Views, Symbols
  + Engineering Drawing information readout – Detailed Views, Cross-Sectional Views
  + Engineering Drawing with BOM Analysis, Engineering Notes Read-out
* Familiarization to international aerospace standards:
  + ATA 100, ISpec 2200, TOSS
  + ASD S1000D and ASD Simplified Technical English
  + Working level knowledge of Arbor Text Editor 5.3 and Adobe FrameMaker V 8.0
* Process familiarization for maintenance manuals creation/revision:
  + Workflow process for technical manual creation (CMM) as a sample.
  + Types and study of various inputs documents Overview on change drivers (SB, TR, CR, SR, ED, BOM Etc)
  + Information requirements for all page blocks in CMM, AMM, EM, CIR, & IPC as per ATA ISpec 2200.
  + Understanding IPL/IPC creation requirements (Detailed Parts Lists, Exploded views, Parts lists, Numerical Index, Vendor Lists

PERSONAL PROFILE

Name : KARNATI RAJEEV REDDY

Date of Birth : 16-07-1993

Father’s Name : K. Maheswara Reddy

Linguistic : Read/Write/Speak-English-Hindi &Telugu

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