

Air Commodore (Retd) Umer Riaz



S/O Riaz Ahmed

DOB: 01January, 1966

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Summary

- An Aerospace Engineer graduated from College of Aeronautical Engineering PAF Academy, Risalpur having extensive experience of 29 years in the field of Aviation industry especially associated with Field Maintenance, Quality Assurance & Technical Audit, Vehicle Management, Engineering Management, Research & Development, Technical Training and Spare Support Management.
- Core expertise (16 years) in technical work relating to Aircraft Maintenance and Engineering Management.
- Proficiency (01 year) in Quality Assurance (Monitoring & Evaluation), conduct of Technical Audit.
- Experience (02 years) in Vehicle Management, Procurement, Repair and Maintenance.
- Expertise (02 years) in Research and Development with practical handling of engineering projects related to manufacturing as well as reverse engineering.
- Experience (02 years) in implementation of Technical Training in the field.
- Working experience of Word and Power point.
- Result oriented, self driven, highly motivated, smart and eager to learn new technologies, methodologies, strategies and processes.

Educational Details

- BE in Aerospace Engineering (1988) from College of Aeronautical Engineering PAF Academy Risalpur, a degree from NED University Karachi with CGPA – 2.47
- B Sc (Hons) War Studies (2007) from Air War College PAF Base Faisal Karachi, a degree after completion of Senior Command and Staff Course in “B” grade.

- F.Sc Pre Engineering (1982) from PAF College Sargodha in “A” grade.
- High School (1982) from PAF School Peshawar in Federal Board in “A” grade.

Professional Experience

- **Engineering Management:** Commanded an Engineering Unit with main responsibility for provisioning of engineering support to flying operations. Additionally, providing ***technical assistance*** and ***general engineering support*** in any area of work. Responsible for ***operational level and production level maintenance***.
- **Project Management:** As Chief engineer Production Support Group in Pakistan Aeronautical complex was instrumental in metal part ***manufacturing for Boeing Aviation***. Also parts manufacturing for UAV program of PAF from local market was provided. Responsibilities like ***spare support, forecasting, engineering solutions*** and ***technical training*** requirements were fulfilled.
- **Quality Assurance:** As Senior Monitor Quality and assurance program of one of the field units played an important role in identifying issues and suggesting methods in the management processes to eliminate undesirable factors and bring out improvements in the working environment.
- **Commissioning & Establishment:** As Senior engineering officer in charge for the commissioning and induction of wide bodied aircraft CN-235 (CASA) in PAF; successfully managed the project and related training activities for the new system. ***Complete operational area for the aircraft*** with ***system set up for engineering support*** was established.
- **Technical Training:** As Field commander, all related technical training and management requirements of more than 1200 personnel were administered. As Officer Commanding of an Engineering Unit, ***skill enhancement programs*** and ***On Job Training*** of technical officers and technicians was ensured under a comprehensive plan.
- **Research & Development:** As Deputy Director in one of the subsidiary organization of Ministry of Defense (Production), has been instrumental in managing tasks related to design and development, manufacturing and completed several projects of engineering, development and simulator designs. A few projects were handled involving ***reverse engineering*** where already developed parts were re-produced in the same configuration utilizing local industry of the country. Actively participated along with the developed products in IDEAS 2016.
- **Field Level Engineering:** As senior engineering officer was responsible for field level maintenance of aircraft.
- **Quality Assurance & Quality Control:** As senior monitor and evaluator along with quality inspectors performed ***quality verification inspections*** and ***special inspections*** to assure quality and standard of maintenance.

- **Automobile Engineer:** As in charge transport fleet of a field transport setup managed operation and maintenance of a fleet of more than 300 vehicles respectively ranging from common user vehicles to specialist vehicles inclusive of fuel boozers, aircraft runaway cleaners, fire tenders and heavy road construction related vehicles. During a period of almost two years was able to recover almost 05 % of, "***off road vehicles were recovered***" and ***made road worthy*** adding up to active inventory size.