

# IMRAN AHMED KHAN

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DOB: 31 Dec 1973



## PERSONAL SUMMARY

A seasoned professional with Mechanical / Aerospace engineering background and an extensive experience spanning over 27 years in aviation and aerospace industry. I retired as Group Captain from Pakistan Air Force. I have diversified experience in aircraft maintenance and component overhaul, aerospace quality assurance, technical resource management, production control, training and project management. I have led large teams of Air Force Officers and technical supervisors, to exceed production and quality targets at several Air force bases. I am a disciplined and self-motivated leader with a passion to learn and easily adaptable in challenging environments. Awarded with Chief of Air Staff Commendation Certificate for outstanding performance.

## SKILLS

- Project Management
- Quality control and assurance
- Total Quality Management
- Aircraft maintenance
- Components overhaul and manufacturing
- Root Cause Analysis
- Analysis and technical writing
- Human Resource Management
- Training and competency
- Performance assessor
- Resource Management
- Leadership and Delegation
- Financial management
- Risk Management
- Stake holder management
- Supply chain management
- Resource planning and management

## CAREER HISTORY

### Senior Staff Officer, Air Headquarters (Nov 2022- Jul 2023)

- Managing critical meetings and correspondence between Headquarters and related government departments.
- Organizing and assisting administrative plans for the entire organization. Presenting monthly and annual schedules with comprehensive execution plans.
- Coordinate internal audits / inspections with lead auditor.

### Director Engineering (Airfield development Project), Air Headquarters (Jul 2021-Nov 2022)

- Plan and design of a new operational air base as per industry standards. Lead the design execution and completed within the defined schedule and costs. Managed quality of the entire project in line with the requirements.
- Managed and delegated a team of officers and construction project managers for the execution of the project.

### Director Quality, Maintenance Repair & Overhaul (MRO) - (Nov 2020-Jul 2021)

- Lead quality control / quality assurance of aircraft overhaul factory comprising of 115 personnel.
- Managed Root Cause Analysis and timely closure of incidents with proper corrective and preventive actions. Brainstorming sessions were conducted capturing all possible scenarios using fishbone and 5 why methodologies. Managed authorizations of concessions and deviations (Risk Management, MOC).
- Lead and managed flight / ground safety program (HSE) of the entire overhaul factory.
- Implemented AS 9100 Rev D policies (letter and spirit) followed by internal audits.
- Facilitated successful execution of Aerospace surveillance audit (ISO standard) by external quality auditors.

### Chief Engineer, Maintenance Repair & Overhaul (MRO) - (Jul 2019-Nov 2020)

- Headed aircraft components repair and overhaul facility for mechanical, electrical and avionics components
- Approving/reviewing plans for cost effectiveness and reducing wastes for conventional and CNC machining
- Ensuring implementation of QMS during critical overhaul and manufacturing processes
- All documentation as per AS / ISO standards and conduct of inhouse audits
- Manufacturing and repair of aircraft harness/ electrical looms, hardware, rubber parts and drop tanks
- Forecasting of net future requirements (NFRs) and subsequently executing contracting and procurement

### Deputy Director Projects, R&D Establishment (MoD Production) - (Jan 2019-Jul 2019)

- Lead the efforts of manufacturing of new specific equipment and technologies as required by different defence projects through research and development in coordination with end user.
- Carrying out technical feasibility, contract awarding and follow ups of projects with stake holders for timely completion and technical assistance.
- Follow up of cases at MoDP, PAF and Navy for removal of technical objections and approvals.

### **Head Base Training Institutes (HRD) (Oct 2009-Jan 2012, Mar 2013-Jul 2013, Jul 2018-Jan 2019)**

- Planning and conduct of Type Rating Courses (TRCs) for fighter and transport aircraft
- Ensuring effective Skill Enhancement Program (SEP) of the organisation
- Conduct of training evaluations and training need Assessment
- Conduct of training classes and promotion exams
- Issuance of Work permits (Licencing of Aircraft Maintenance Crew)
- Preparation and revision of curriculum/syllabus and Annual Training Program for the institute

### **Aircraft Maintenance Manager (Jul 2017-Jul 2018)**

- Commanded 400 technical workforce comprising engineers and technicians
- Ensuring serviceability and availability of aircraft fleet to highest level by reducing aircraft down time
- Effective life cycle maintenance (LCM) planning
- Forecasting, tracking (record keeping) and ensuring replacement of lifed components
- Ensuring QC program and conduct of monthly QC meetings and brainstorming sessions
- Data analysis of aircraft defect trends and subsequently taking remedial measures
- Conduct of aircraft technical investigations and root cause analysis of failures

### **Aircraft servicing Sqn, Aircraft Maintenance Wing (Jul 2016-Jul 2017)**

- Directly responsible (as senior supervisor) for maintenance and flying for 20 + transport aircraft fleet comprising 05 separate Flight Lines
- Ensuring life cycle maintenance plans with minimum impact to flying operations
- Implementation of QA evaluation schedule for inspections aircraft and equipment
- Ensure QC program where applicable
- Handling of aircraft emergencies (Air / ground incidents)
- Ensuring adequate training needs for technical workforce
- Troubleshoot aircraft issues to avoid AOG (aircraft on ground) situation

### **HRM, Deputy Director Personnel, Postings, AHQs (Nov 2014-Jul 2016)**

- Positioning of right personnel at right place based on skill and experience for above 20,000 workforce
- Handling of special applications for placements on compassionate ground
- Rationalising manpower as per role and task of work centres
- Planning for assigning of manpower on technical and professional/career courses
- Preparation of manpower requirement for induction/ hiring

### **Deputy Dir Training-Personnel, AHQs Peshawar (Jul 2013 – Oct 2014)**

- Review/approval of Syllabi, Précis and manuals for training institutes
- Allocations of permanent trade on completion of training, based on aptitude and results
- Management/ planning of career-based courses
- Approval of Annual Training Program
- Fulfilling financial requirements of training institutes
- Review of capacity and uplift of training facilities of institutes
- Planning of yearly hiring requirements in coordination with stakeholders

### **Engineering Officer, Flight Lines (Jan 1997-April 2000, Jan 2001-Jul 2001, Jan 2012-Mar 2013)**

- Direct supervision of flying related maintenance activities and resolution of aircraft defects
- Staggering of aircraft flying for implementation of LCM plans
- Implementation and follow up of evaluation schedules by QA
- Observe and remove unsafe conditions and brainstorming sessions for minimising unsafe acts
- Resource management for efficient flying/ maintenance operation
- Over the shoulder assistance to maintenance teams
- Defect trend analysis and root cause analysis

### **Quality Assurance Officer (QAO, Award of Base Commander Commendation Certificate) (Jul 2001-Jun 2004)**

- Ensuring **elaborate QA program** at the Base
- Monitoring and evaluation of maintenance activities including Flight Lines, phase hangars and back shops etc
- Planning / conduct of monthly **Special Inspections (Sis), Personnel Evaluations (Pes), Quality Verification Inspections (QVIs), Quality Shakedowns (QSDs)** by QA personnel
- Monitoring and reporting and follow up of unsafe acts and unsafe conditions
- Formulation of trend analysis and suggesting remedial measures
- Presentation of QA observations data/analysis during QA meetings to top management and maintenance stakeholders
- Yearly analysis of data and presentation to all stakeholders

**Production Control Officer (PCO) MRO setup (Jun 2005-Oct 2009)**

- Preparation and review of aircraft inspection work packages
- Spares forecasting and preparation of net future requirement NFR
- Component staggering with production timelines vis a vis operational requirement
- Chairing production meetings with stakeholders
- Technical liaison between production, support and operations
- Prioritize immediate production for aircraft on ground (AOG) situation

**Quality Control Officer (QCO) (Jun 2004-Apr 2005)**

- Implementation of QC program as per organisation policies
- Raising of Non-Conformance Reports (NCRs) for observations during stage QC inspections
- QC coverage to all critical maintenance activities and shops
- Statistical analysis of anomalies and root cause identification of observations

**EDUCATION AND TRAININGS**


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**National Defence University Islamabad, Pakistan. – Master of Science (War Studies) 3.34 CGPA 2015**  
**College of Aeronautical Engineering, Risalpur, Pakistan. - Bachelor of Engineering (Aerospace/ Mech) 2.13 CGPA. 1996**

**Project Management :** Various Projects were handled during service as Team Lead as well as part of team (Confidential, can be discussed on call / interview).

**Voluntary Work:** Dir Flood Relief Operations at Air Headquarters Islamabad during Floods in 2022.

**Professional Trainings:**

- Workshop on Technical Investigation 2005
- Quality Control Course 2003
- Quality Assurance Course 2002
- Fuel Quality Course 1998
  
- C-130 Aircraft Type Rating Course 2016
- Allouette III Helicopter Type Rating Course 1997
- A-5 III aircraft Type Rating Course 1996
  
- Environmental stress screening 2021
- Art of peak Performance 2017
- Work Ethics Course 2010
- Automated Logistic Management Course (Tech) 1996
  
- Senior Command and Staff Course 2014
- Junior Command and Staff Course 2004
- Basic Staff Course 1998

**LANGUAGES AND MEMBERSHIPS**


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**Languages:** English (fluent), Urdu (fluent)  
**Nationality:** Pakistani  
**Memberships:** Pakistan Engineering Council, 1996, Aero/715