

RESUME



Sanjay Singh Rawat

Shivpur, Kotdwar, Uttarakhand, India |
7017201496 | rajaryan434@gmail.com

PROFESSIONAL SUMMARY

Accomplished Indian Air Force Sergeant Structure Fitter with 20 years of experience in aviation maintenance, quality assurance, and quality control. Proven expertise in technical audits, defect investigation, root cause analysis (RCA), corrective and preventive actions (CAPA), compliance, airworthiness, maintenance documentation, and safety practices. Experienced in leading teams, enforcing SOPs, mentoring technicians, and maintaining high standards in demanding operational environments. Seeking to transfer disciplined aviation QA experience into a corporate Quality Assurance, Quality Control, Quality Manager, or Maintenance Quality role.

CORE COMPETENCIES

Quality & Compliance	Quality Assurance (QA), Quality Control (QC), Technical Audits, Industrial Safety Audits, Compliance SOP Enforcement
Problem Solving	Root Cause Analysis (RCA), Defect Investigation, CAPA, Corrective/Preventive Actions
Aviation & Maintenance	Aircraft Maintenance, Airworthiness, Overhaul, Servicing, NDT Oversight, FOD Prevention
Safety & Risk	Safety Management Systems (SMS), Risk Assessment & Mitigation, Inspection, Safety Standards
Documentation	Technical Records, Maintenance Logs, Calibration Schedules, Traceability, Audit Readiness
Leadership	Team Supervision, Training & Mentoring, Cross-Functional Coordination, Workshop Management
Standards	ISO 9001 / ISO 14001 / ISO 45001 / AS 9100C Familiarity, Technical Publications, Inspection Checklists

PROFESSIONAL EXPERIENCE

Sergeant – Quality Assurance & Technical Operations | Indian Air Force

Chandigarh | Mar 2006 – Mar 2026

- Quality Assurance & Airworthiness:** Performed daily inspections and final sign-offs on aircraft systems, sub-assemblies, and ground support equipment across maintenance units, ensuring compliance with technical publications, airworthiness directives, and inspection checklists.
- Audit & Defect Analysis:** Led technical audits and defect investigations covering aircraft components and maintenance processes; identified root causes and drove corrective/preventive actions to reduce repeat defects and fleet downtime.
- Maintenance & Overhaul:** Supervised technicians during scheduled and unscheduled maintenance and overhaul activities, enforcing tool control, quality standards, and foreign object damage (FOD) prevention practices.
- Documentation & Calibration:** Managed maintenance logs, technical records, tool-calibration schedules, and servicing documentation to support traceability, audit readiness, and controlled recordkeeping.
- Training & Mentorship:** Trained and assessed junior technicians on QA procedures, safety standards, and SOP compliance, strengthening team capability through structured coaching and evaluation.

ACADEMIC QUALIFICATION

- Graduation Bachelor of Arts IGNOU

MILITARY QUALIFICATIONS & TECHNICAL TRAINING

- Air Force Technical Training:** Leading Aircraftman / Sergeant Promotion Courses with QA & Maintenance specialization; Air Force technical type training on AN-32 Aircraft & MI-17, 1V, V5 Helicopters.
- Quality & Safety Training:** Quality Assurance & Inspection Type B Course; NDT familiarity; overhaul training through IAF Technical Training Institute.
- Diploma in Mechanical engineering Issued by Indian Airforce.
- Trade Proficiency Certificate issued by Indian Airforce.

SELECTED ACHIEVEMENTS

- Maintained a 100% zero-defect record across numerous major aircraft overhaul and servicing cycles.
- Successfully led the QA clearance team during Operation Sindoor in 3 BRD and life-extension projects involving various electromechanical aircraft components.

CAREER TARGET

Corporate Quality Assurance | Quality Control | Quality Manager | Aviation / Aerospace Maintenance Quality | Technical Quality & Compliance | Maintenance & Reliability