



HARMANPREET SINGH

Age: 31 Years | Experience: 10 Years

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Experienced Fighter Aircraft Technical Manager with a decade long track record of successfully managing complex projects, operations and collaboration efforts, while consistently delivering optimal results with limited resources. Skilled in a wide range of Maintenance, Repair and Overhaul (MRO) activities, Supply Chain, encompassing various aspects of aviation maintenance. Adept at leveraging expertise in Aviation, Quality Assurance, and forging strategic industry partnerships to drive innovation and ensure sustainability. A versatile leader who embodies the principle of 'Lead-By-Example', possesses strong skills in team-building across different functions and excels at making critical decisions.

HEAD OF ENGINEERING DEPARTMENT, NAVAL AIR FIGHTER SQUADRON, GOA

- As the Head of Air technical organization, I implemented quality-driven maintenance strategies that resulted in a 20% increase in asset availability and reduction in downtime of aircraft.
- Established and enforced SOPs to ensure operational safety for both personnel and materials, leading to over 1500 accident-free hours of flying operations.
- Led the implementation of a comprehensive Training and Development program for 250+ personnel. Established continuous education practices to ensure that the team is equipped with latest skills and knowledge, improving overall job performance and productivity.
- Effectively analysed usage trends and collaborating with supply chain agencies, successfully maintained an in-house inventory of over 1500+ items while reducing turn-around time by approximately 8%.

MANAGER PRODUCTION, NAVAL AIRCRAFT MAINTENANCE AND SUPPORT FACILITY, GOA

- Commissioned first Naval fighter aircraft maintenance support facility and managed the project from initiation to completion overseeing all aspects of project planning and execution. Boosted asset availability while improving operational efficiency by 40%.
- Collaborated with Russian delegates, established a strong liaison and effectively managed multiple warranty disputes, resulting in savings of \$22 million dollars.
- Employed critical thinking and data analytics to analyze multiple aircraft failures, effectively pinpointing the underlying causes resulting in increased asset availability and extended operational range beyond 250 NM.
- Spearheaded the maiden life extension program for fighter aircraft engines, resulted in cost savings of upto \$2 million dollars. This involved developing new SOP's for maintenance, testing and analysis of engines resulted in optimal performance and asset availability.

MANAGER TECHNICAL OPERATIONS, NAVAL AIR FIGHTER SQUADRON, GOA

- Prioritized aircraft maintenance tasks to maximize operational availability, resulting in a 15% reduction in downtime.
- Organized team-building activities and knowledge-sharing sessions to promote collaboration and efficiency, resulting in a 10% increase in productivity and a 5% increase in employee satisfaction.
- Oversaw a team of 100+ technically skilled executives, managing all aspects of their work, including work allocation, performance appraisal, training, and grievance management.



EDUCATION

- M.Tech, Aeronautical Engineering (Cochin University of Science and Technology, Kochi, Kerala) 2015 -2017
- Bachelor of Engineering , Aeronautical Engineering (Manipal Institute of Technology, Udupi, Karnataka) 2009 -2013
- Executive Course, Global Supply Chain and Logistics Management (Indian Institute of Foreign Trade, New Delhi)



CERTIFICATIONS

- Certified Scrum Master
- Agile with Atlassian JIRA
- Lean Six Sigma Green Belt
- Human Factors Analysis and Classification System



ACHIEVEMENTS

- Proficient Certificate by Commanding Officer Naval Air squadron, Goa
- Aviation Spl. badge
- Nine years long service Medal
- 75 yrs. of Independence medal



KEY SKILLS

- Project and Operations management
- Problem Solving and Innovation
- Strategic Planning
- Project Initiation • Design Thinking
- Stake Holder engagement
- Analytical and Critical Thinking
- Leadership and Team management
- Cross-Cultural Collaboration • JIRA
- Confluence • MINITAB