

Prashant Singh Sambyal

Program Manager- Indian Navy

M.Tech (Aeronautical Engineering) + PMP Certified

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PROJECT MANAGEMENT || STRATEGY DEVELOPMENT || OPERATIONAL EXCELLENCE

10+ Years of Skillset in **Project Management || Operations || Aviation Management || Quality Assurance || Maintenance, Repair and Overhaul || Agile Methodologies || Risk & Crisis Management || Strategic thinking || Supply Chain**

Received **commendation for devotion to duty** from the Commander-in-Chief of the Western Naval Command on August 22.

*Certified **PMP (Project Management Professional)** with expertise in handling diverse projects, strategic operations and strong leadership skills. Experienced in leading cross-functional teams, implementing process improvements and driving project success through traditional/ agile methodologies and continuous improvement practices. Committed to delivering high-quality results.*

PROFESSIONAL SUMMARY

- **Project Management:** Proficient in project planning, execution and monitoring using PMI methodologies, with a focus on scope management, schedule adherence, cost control, risk mitigation and stakeholder communication to deliver projects on time & budget.
- **Strategic Operations:** Experienced in strategic planning, business process optimization and operational efficiency initiatives to streamline workflows, improve productivity and enhance organisational performance.
- **Aviation Management:** Adept in ensuring the airworthiness, safety and efficiency of helicopter operations through effective management of maintenance, safety, inventory control and regulatory compliance.
- **Quality Assurance:** Expertise in process improvement methodologies, statistical analysis and DMAIC (Define, Measure, Analyse, Improve, Control) framework to drive quality and efficiency gains in operational processes.
- **Agile Scrum Master:** Proficiency in Scrum framework, sprint planning, backlog management and facilitating agile ceremonies to empower teams, foster collaboration and deliver value iteratively.
- **Risk & Stakeholder Management:** Managed risks effectively by implementing proactive risk management strategies, ensuring minimal project disruptions. Engaged stakeholders at all levels to gather requirements, provide updates and ensure alignment with project goals.
- **Team Leadership:** Skilled in leading and motivating cross-functional teams, providing direction, coaching and support to maximize team performance, foster collaboration and achieve project objectives.

Software: **Microsoft Projects, Power-BI, MS Excel**

WORK EXPERIENCE

Indian Navy (Naval Air Squadron)----- Jun. 2014 - Present

Growth Path:

Senior Technical Officer/ Head of Technical Operations || June 2021 – Present

Station Air Engineer Officer/ Project Manager – (Aircraft Maintenance and Operations) || June 2016 – June 2021

Operations Trainee Officer/ Asst. Operations Manager || July 2014 – June 2016

As Head of Technical Operations

- **Led projects worth over ₹600 crores for the Indian Navy**, including:
 - ☑ Orchestrated the acceptance trials and approved air assets valued at **₹ 450 Crore** from Hindustan Aeronautics Limited.
 - ☑ Recovered a crashed aircraft at sea, preserving a **₹150 crore asset**.
 - ☑ Optimized inventory management, reducing unused stores by **35%**.
- **Enhanced Operational Efficiency & Safety:** Achieved a remarkable **93%** average serviceability rate for critical air assets and implemented a comprehensive hangar management plan for a safe and organized work environment.
- **Strengthened International Relations:** Conducted training for the **Sri Lankan Air Force** on Advanced Light Helicopters, fostering diplomatic ties.
- **Expert in Project & Team Management:** Successfully led complex projects and managed diverse teams (**40-90 personnel**) across various projects, demonstrating exceptional skills in E2E project management and team building, training & performance management.

Project Management:

- Orchestrated complex projects from conception to successful execution, including aircraft acceptance trials valued at ₹450 crore and infrastructure setup for a new air squadron (₹2 crore).
- Managed the maiden modification of the aircraft's Very/Ultra High-Frequency communication system, extending the Maritime Reconnaissance range of Advanced Light Helicopters and enhancing the Navy's operational capabilities.
- Contributed as a member of the Board of Officers for acquiring new Utility Helicopter Marines for the Indian Navy, ensuring meticulous preparation of the Technical Preliminary Service Qualitative Requirements (PSQR) to meet the Navy's specific needs.

Operations:

- Led cross-functional and cross-cultural teams (40-90 personnel) to ensure serviceability (93%) of critical air assets through practices like thorough defect analysis, data population, policy development and structured preventive/predictive maintenance programs.
- Spearheaded logistical planning and stakeholder relationship management to guarantee prompt spare parts availability during Defense Expo-2023 and various deployments, even in remote locations.
- Formulated SOPs & safety policies for safe and efficient aircraft operations at sea, covered e2e from pre-flight checks and maintenance procedures to emergency protocols, creating a standardized approach that minimized risks and ensured crew safety.
- Invested in the professional development of the team by providing technical training to officers and sailors, empowering them for demanding naval flying operations and equipping them with the necessary skills and knowledge to perform complex maintenance tasks.

Quality Inspections & Assurance:

- Played a key role in an ALH crash landing investigation, identifying root causes & proposing corrective actions incorporated by the OEM.
- Conducted trend/root cause analysis on numerous ALH aircraft defects to implement preventive measures and mitigate recurrence.

As Project Manager – (Aircraft Maintenance and Operations)

Project Management

- **Cost-Effective Innovation:** Led a groundbreaking overhaul project for multiple ALHs using lean principles and in-house resources, achieving a **40% turnaround** time reduction and saving **₹50 crore**.
- **Infrastructure Management:** Orchestrated a comprehensive hangar renovation project (**₹2 crore**) from bid invitation to completion, including stakeholder management and detailed project report preparation.
- **Self-Reliance & Cost Savings:** Established an in-house composite repair workshop with SOPs, eliminating OEM dependency and achieving 30% cost savings on diverse aircraft repairs.
- **Project Versatility:** Successfully managed projects ranging from complex aircraft modifications for ambulance deployment during the COVID-19 pandemic to large-scale sporting events at the Naval Officers Club.

Operational Excellence & Resource Management

- **Disaster Relief Leadership:** Commanded a sub-unit for successful rescue and relief operations, **evacuating over 200 people** and coordinating essential supply delivery to remote areas during **Op: Madad** (2018 Kerala Floods).
- **Supply Chain Optimization:** Managed a **₹200 crore inventory** and developed a long-term roadmap for supply chain planning, ensuring seamless logistical support for operational units across locations.
- **Quality Assurance Champion:** Performed multiple quality audits using DMAIC, systematically improving aircraft and equipment performance and safety standards in frontline air squadrons.
- **Safety Focus:** Conducted in-depth maintenance process audits for safety, quality and productivity, implementing corrective measures through stakeholder collaboration.
- **Human Resource Management:** Successfully handled HR functions for a **120-person workforce**, including manpower planning, grievance redressal, performance reviews and conflict resolution.

As Operations Trainee Officer/ Asst. Operations Manager

- **Team Environment:** Ensured discipline and overall management for 80 personnel, fostering a collaborative and supportive work atmosphere. Ensured efficient manpower documentation, fund management and policy implementation.
- **Resource Allocation:** Deployed personnel based on skills and competencies, achieving a 14% increase in workshop efficiency through streamlined operations.
- **Personnel Well-being:** Championed troop welfare by overseeing essential item procurement and training, emphasizing the importance of both personal well-being and operational excellence for a high-performing team.
- **Safety-Focused Culture:** As an officer-in-charge of quick reaction teams, fostered camaraderie and trained over 48 personnel on safe weapon handling, proper safety gear procedures and rules of engagement, ensuring zero security incidents.
- **Proficiency Enhancement:** Conducted safety briefings, oversaw over 24 firing exercises and maintained certified competency in various firearms for over 900 personnel, fostering a highly proficient team.
- **Operational Training:** Received extensive training in the practical skills necessary for maintaining and ensuring operational readiness of helicopters.

EDUCATIONAL CREDENTIALS

Business Management ► Indian Institute Of Management, Nagpur----- Jan 2024 - Jun 2024

M.Tech. || Aeronautical Engineering ► Cochin University of Science and Technology ----- 2016-18

B. Tech. || Mechanical Engineering ► Vellore Institute Of Technology (VIT) University----- 2010-14

CERTIFICATIONS: Project Management Professional (PMP) by PMI || Certified Agile Scrum Master (CSM) || Lean Six Sigma Green Belt (LSSGB) || Indigenous Advanced Light Helicopters, Hindustan Aeronautics Limited (HAL) || Aircraft Composite Repair Course at HAL (Bangalore) || Management Leadership & Behavioral Studies, Centre of Excellence in Ethics (Indian Navy)