



THE NAVAL AVIATION ENTERPRISE AIR PLAN



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“In 2012, Naval Aviation reenergized its focus on core enterprise efforts—removing barriers and addressing real readiness degraders. We will continue to sharpen this focus moving into 2013.”

- Vice Adm. David Buss, Commander, Naval Air Forces/Commander, Naval Air Force, U.S. Pacific Fleet

Year-In-Review 2012: Naval Aviation’s enterprise approach targets readiness degraders and cost drivers

Championed initiatives to effectively produce future readiness while optimizing costs. The Naval Aviation Enterprise (NAE) Future Readiness Cross Functional Team received commitments to fund eight initiatives in POM-14, achieving a **projected cost avoidance of \$341.6 million** resulting from an investment of \$50.8 million with a return on investment of more than five to one. Over the last three POMs, 20 initiatives have been funded with an investment of \$336 million and a projected savings of \$3.1 billion.

Reduced total ownership costs associated with high pressure air flasks. The Carrier Readiness Team implemented a Naval Sea Systems Command (NAVSEA)-approved initiative increasing the recertification periodicity for high pressure air flasks by 160 percent. This initiative affects 115 air flasks on 10 CVNs and will result in a **projected cost avoidance of \$10.2 million** in maintenance costs over the remaining Nimitz-class service life.

Reduced turn-around time for AH-1W main rotor hub through intermediate-level maintenance. The USMC HMLA TMS Team determined that required overhauls of the AH-1W main rotor hub could be performed at an intermediate maintenance level, which could result in a 36-week reduction in turn-around time per main rotor hub and a **projected cost avoidance of more than \$6.5 million per year** in repair costs.

Closed training gaps through Training TRIAD efforts. The Center for Naval Aviation Technical Training Unit North Island (CNATTU NI) instituted recurring Training TRIAD meetings, leading to improved responsiveness to fleet technical training needs. TRIAD members included fleet customers, HSM and HSC Wings, CNATTU and Naval Air Technical Data and Engineering Service Command (NATEC). Together they identified and addressed skill set degradations through focused training utilizing CNATTU trainers and classrooms, with CNATTU instructors and NATEC and squadron experts. Training was conducted in areas such as blade repair, wire connector repair and vibration. CNATTU NI mitigated training availability gaps by adjusting or adding schoolhouse convenes to better align with operational schedules, leading to a 55-seat increase in attendance at initial and career schools.

Realized cost savings through the use of existing AV-8B production tooling. The U.S. Marine Corps (USMC) VMA Type/Model/Series (TMS) Team achieved a **cost avoidance of more than \$5.8 million** in Fiscal Year 2012 through the use of saved AV-8B production tooling, such as molds and other manufacturing aides, in support of Naval Supply Systems Command and Defense Logistics Agency new material/spare procurements.

Achieved cost avoidance through Carrier Readiness Team's Cost Wise Readiness Team aircraft elevator initiative. Based on extensive testing of CVN 71’s aircraft elevator cables, NAVSEA approved extending cable service life approximately 33 percent, resulting in an estimated **\$9.52 million total life cycle cost avoidance**. The Carrier Readiness Team incorporated this initiative into the CVN 68 Class Maintenance Plan, eliminating 36 elevator cable replacements over the CVN 68 class life cycle.

Key Messages

- Naval Aviation’s enterprise approach provides the processes and forums through which you can elevate readiness degraders and barriers up your chain of command, and if necessary, up to three-star leadership.
- In this time of pressurized budgets, it is important for Naval Aviation to take the initiative in tackling our readiness degraders and ensuring the best possible use of our resources.

Facts and Figures

- From POM-12 through POM-14, the Future Readiness Cross Functional Team received funding for 20 readiness and sustainment initiatives with an investment of \$336 million and a **projected cost avoidance of \$3.1 billion**.
- The NAE Efficiencies Repository shows that accounting fidelity initiatives (the recapturing of miscounted funds) in Fiscal Years 2010-2012 achieved **more than \$112 million in avoided costs**.