THE NAVAL AVIATION ENTERPRISE
AIR PLAN
...One Vision, One Team

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"The enterprise efforts within Naval Aviation continued to evolve in 2011, increasing our ability to efficiently deliver warfighting readiness while, at the same time, making more balanced resource decisions for the overall good of Naval Aviation." **- SES Jim Beebe, Executive Director, Commander, Naval Air Forces**

Selected 2011 Accomplishments: Naval Aviation's Enterprise Approach Improves Cost-Effective Readiness

Reduced student wait time for technical training. The Center for Naval Aviation Technical Training reduced the number of days personnel waited for training or transfer by 215,000 days from FY10 to FY11. With throughput remaining constant from FY10 to FY11 the Marine Corps reduced the average number of students per month awaiting instruction by 44 percent at Marine Corps Air Station (MCAS) Cherry Point, 61 percent at MCAS New River, and 64 percent at Camp Pendleton.

Developed initiatives to enhance future readiness and reduce total ownership costs. The Future Readiness team conducted a vetting process to select 10 investment initiatives for consideration in the FY14 Program Objective Memorandum. If funded, the 10 initiatives proposed by Future Readiness would combine for a projected cost avoidance of more than $110 million over the life of the affected platforms. Together with the projected cost avoidance associated with five initiatives funded in POM-13, Future Readiness initiatives could help avoid up to $917 million in POM-13/POM-14.

Strengthened inter-Enterprise partnerships. Representatives of the Surface Warfare Enterprise, the U.S. Marine Corps, and the Naval Aviation Enterprise partnered to develop a collaborative process for tracking readiness of aviation-capable ships. The Integrated Resource Management Team facilitated coordination between all teams, forming the Integrated Surface Warfare & Aviation Team. This is the foundation for greater visibility and actionable steps to strengthen readiness of aviation-capable ships.

Implemented tools for superior decision-making. The Chief of Naval Air Training Command implemented the use of a mathematical model that helps predict the impact of various scenarios, such as mechanical problems or natural disasters on pilot and aircrew training production and costs. The computer model contains more than 2,300 elements representing the complete undergraduate naval aviation continuum. With this model, CNATRA now has the ability to analyze all proposed changes within the training continuum with a level of certainty never before available.

Expanded corrosion abatement initiative. Naval Air Station (NAS) Lemoore and NAS Oceana implemented a pilot project to install the Fleet Readiness Center's (FRC) Automated Data Collection System (ADCS) software at the wing level. Used at the FRC level since 1996, the ADCS now captures discrepancy data during wing Material Condition Inspections (MCIs), facilitating better communication between organizational and depot level maintenance. The discrepancy data is used to create Focus Area Lists (FALs) that can be used at the wing level to identify corrosion problems at their outset and prevent corrosion issues from worsening between Phase Maintenance Interval (PMI) events.

Utilized wargaming to more effectively identify and plan for future manpower requirements. The Total Force team conducted a second manpower war game in September to enhance understanding of the personnel factors involved with the introduction of the new CVN 78 Ford Class aircraft carrier, scheduled for delivery in FY15. The war game validated the Preliminary Ships Manning Document (PSMD), heightened sensitivity to proper NEC Fit/Fill for assigned crew, and highlighted a need for a centralized berthing management system due to the lack of excess berthing capacity.

Key Messages

- Partnering as an Enterprise promotes the judicious use of resources and simultaneously maximizes the return on investment for those resources.
- Naval Aviation leaders collaborate in an enterprise manner to advance and sustain Naval Aviation warfighting capabilities at an affordable cost.
- Enterprise efforts are rooted in transparency and information-sharing, enabling leadership to make superior decisions for Naval Aviation as a whole.

Facts and Figures

- The MV-22 Osprey Type/Model/Series team avoided $41 million in costs through recommended inventory reductions following an Aviation Consolidated Allowance List Review.
- The H-60 community began a retrofit from magnesium to aluminum gearboxes, reducing corrosion damage and decreasing future costs by an estimated $190 million.
- The H-1 T/M/S Team conducted an analysis on the UH-1Y rotor cuffs and determined that the Maximum Operating Time could be increased from 1200 to 2800 hours, achieving a projected cost avoidance of $22 million.