

**REPROGRAMMING ACTION - NOTIFICATION**

Appropriation Account Title: Research, Development, Test, & Evaluation, Navy, 99/00					DoD Serial Number: FY 99-006 N				
Component Serial Number: <b>FY 99-1 N</b>		<i>(Amounts in Thousands of Dollars)</i>							
		Program Base Reflecting Congressional Action		Program Previously Approved by Sec Def		Reprogramming Action		Revised Program	
LINE ITEM		Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a		b	c	d	e	f	g	h	i

This reprogramming action is submitted for notification because it constitutes a new start program in the Research, Development, Test and Evaluation, Navy, 99/00, appropriation for the Active Electronically Scanned Array (AESAs). This action is for a high priority new start program, meets all administrative and legal requirements of the Congress, and has not been denied by the Congress. This action does not affect Joint Military Intelligence Programs (JMIP), Tactical and Intelligence Related Activities (TIARA), or the National Foreign Intelligence Program (NFIP). The project is reflected as an FY 2000 new start in the FY 2000 President's budget.

**Research, Development, Test and Evaluation, Navy, 99/00**

**Budget Activity 7: Operational Systems Development**

0204136N F/A-18 Squadrons	308,805	308,805	0	308,805
Project E2065, Radar Upgrade			+2,500	
Project E1662, F/A-18 Improvements			-2,500	

Explanation: The Active Electronically Scanned Array (AESAs) will correct existing AN/APG-73 radar deficiencies identified during operational testing and will provide a significant increase in capability. Its improved capabilities will enable greater lethality than previous F/A-18 radars by allowing full tactical support of existing and planned air-to-air and air-to-ground weapons, while significantly increasing detection and tracking ranges. The AESAs will also provide increased aircraft survivability, allow for reduced detection by enemy radar, and offer the potential for considerable total ownership cost savings. Funding for AESAs is reflected in the FY 2000 President's budget, with \$3.943 million requested in FY 2000. Total program cost, including development and procurement, is approximately \$1.5 billion. Acceleration of the program from FY 2000 to FY 1999 is required to enable the AESAs to reach initial operating capability (IOC) in FY 2006. This will ensure that the maximum number of F/A-18E/F aircraft can incorporate the AESAs during production, while maintaining a reasonable level of risk in the development program. Crucial FY 1999 activities include initial program planning and documentation and a near-term competition to select a radar system subcontractor, which will be conducted through the aircraft prime contractor. It is imperative that the competitive source selection be done immediately. Doing so will allow the AESAs system industry team to embark upon a commercially funded risk reduction and development effort. These activities will enable the AESAs system to be incorporated into the aircraft at least one year earlier. If risk reduction activities are delayed until FY 2000, the AESAs will not reach IOC until at least FY 2007. This delay will result in 48 less aircraft receiving the AESAs in production.

Funding is available from the F/A-18 Improvements project due to savings in the Conformal Antenna System and the Digital Communications System programs

Approved (Signature and Date)  
Signed by Mr. William J. Lynn, July 21, 1999.