

REPROGRAMMING ACTION - PRIOR APPROVAL

Appropriation Account Title: Research, Development, Test, and Evaluation, AF, 00/01, and Missile Procurement. AF. 00/02 (Includes Transfer)	DoD Serial Number: FY 00-11 PA
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Component Serial Number: FY 00-25 PA	<i>(Amounts in Thousands of Dollars)</i>							
	Program Base Reflecting		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 new start reprogramming action supports a revised and enhanced modernization of the Global Positioning System (GPS) in the Research, Development, Test, and Evaluation, Air Force, 00/01, appropriation. This action funds a requirement of higher priority and has not been previously denied. This action uses general transfer authority pursuant to section 8005 of Public Law 106-79, the DoD Appropriations Act, 2000, and section 1001 of Public Law 106-65, the National Defense Authorization Act for FY 2000. This action is not reflected in the FY 2001 President's Budget.

REPROGRAMMING INCREASE: **+38,400**

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION,
AIR FORCE, 00/01 **+38,400**

Budget Activity 7: Operational System Development

PE 0305165F NAVSTAR Global Positioning System	108,890	77,890	+38,400	116,290
Block IIR and IIF Light Modernization			(+38,400)	

Explanation: In response to the jamming threat and national policy to encourage civil use of the Global Positioning System (GPS) without degrading the military utility, the Air Force is embarking on a program to modernize GPS. Modernization includes upgrades to the satellite and ground control segments to add civil and military signals. The Air Force and Department of Defense have decided that it is prudent to modernize 12 Block IIR satellites that have been procured but not yet launched, and the first six Block IIF satellites that are currently under production. In addition to the Block IIR and IIF modernization efforts, the Air Force intends to initiate a System Requirements Review (SSR) study in FY 2000 to better define the requirements for the fully modernized (i.e. +20dB power) GPS satellite (GPS III). The FY 2000 funding for GPS is as follows: \$11 million for Block IIR modernization development, \$11.75 million for Block IIF modernization development, \$5 million for control segment development, \$5 million for GPS III System Architecture/ Requirements Definition, and \$5.65 million for system test and program support. FY 2001 requirements will be addressed separately via an amended budget submission.

Approved (Signature and Date)
Signed by Mr. William J. Lynn on March 24, 2000.

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<u>REPROGRAMMING DECREASES:</u>						-38,400		
<u>MISSILE PROCUREMENT, AIR FORCE, 00/02</u>						<u>-7,400</u>		
<u>Budget Activity 5: Space and Other Support</u>								
Global Positioning (Space)		126,849		124,849		-7,400		117,449
<u>Explanation:</u> Funding is made available by delaying development of commercial processing options for Block IIF satellites, delaying purchase of certain GFE items to support Block IIF launch, and deferring integration of the Block IIF Satellite Telecommunications Simulator with other test equipment. This delay is possible due to a 2-year slip in the first Block IIF launch.								
<u>RESEARCH, DEVELOPMENT, TEST, AND EVALUATION,</u>								
<u>AIR FORCE, 00/01</u>						<u>-31,000</u>		
<u>Budget Activity 7: Operational System Development</u>								
PE 0305165F NAVSTAR Global Positioning System								
		108,890		108,890		-31,000		77,890
Block IIF Heavy Modernization						(-31,000)		
<u>Explanation:</u> Funding is made available by restructuring the currently budgeted development program. GPS modernization was to begin with the seventh Block IIF satellite and was funded in FY 2000 for \$29.634 million. This amount plus \$1.366 million from delaying some Block IIF satellite associated development costs will be applied to the new requirement. This delay is possible due to a 2-year slip in the first Block IIF launch.								