

Page determined to be Unclassified  
 Reviewed Chief, RDD, WHS  
 IAW EO 13526, Section 3.5  
 Date: MAY 19 2016

~~CLASSIFICATION~~  
 DOD SPACE PROGRAM DATA SHEET

Program Element: \_\_\_\_\_ Program Element Monitor: \_\_\_\_\_ OSD Focal Point: \_\_\_\_\_  
 Program Name: \_\_\_\_\_ Org: \_\_\_\_\_ Phone: \_\_\_\_\_ ORG: \_\_\_\_\_ Phone: \_\_\_\_\_

1. ( ) Funding Projection: \$ In Millions

FY	82	83	84	85	86	87	88
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(Indicate space portion of President's Jan 83 Budget for each type of funding here and update budget printout to coincide. Round all figures to nearest 10th of a million.)

RDT&E  
 Procurement  
 Other Procurement  
 O&M  
 MILCON  
 MILPERS  
 etc.

2. ( ) Program Management Overhead:

FY	82	83	84	85	86	87	88
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(Indicate the number of government personnel involved in the management of the development and acquisition of the system. Do not include operational manpower but do include program office and staff personnel at all levels (e.g., if Air Staff officer is responsible for several programs, show that part of the manpower devoted to each program)).

Officers  
 Enlisted  
 Civilians  
 Total

3. ( ) Basis for Funding Estimate: Percent of program element which is space related. (Indicate as a percentage of the total program element funding which is the space or space-related; and if pertinent, any assumptions on which funding estimates are based.)
4. ( ) Launch Vehicle Requirements: Indicate total number, type required and delivery date including test, back-up, etc. If included in the Descriptive Summary, state "See Section \_\_\_\_\_ of Descriptive Summary."
5. ( ) Launch Schedule: Indicate, as applicable, the launch schedule associated with the program element. If included in the Descriptive Summary, state "See Section \_\_\_\_\_ of Descriptive Summary."

~~Classified by~~  
~~Reviewed on~~

~~CLASSIFICATION~~

#154

DEPARTMENT OF DEFENSE  
PRES-BUD 83-87  
SPACE AND SPACE-RELATED ACTIVITIES  
TDA (MILLIONS)

BY SPACE DATA BLOCK AREAS	81	82	83	84	85	86	87	TOTAL
SPACE CATEGORY: 01 NAVIGATION								
DEPARTMENT OF THE ARMY								
PE: 64778A NAVSTAR GLOBAL POS SYS (USER)	17.9		11.9	4.8	11.2	12.0	8.0	65.7
RIC: 0300 R, O, T AND E-ARMY								
RIC: 0560 MILITARY PERSONNEL-ARMY	0.0	0.0	0.0					0.1
PE: 64778A NAVSTAR GLOBAL POS SYS (USER)	17.9	0.0	11.9	4.8	11.2	12.0	8.0	65.8
DEPARTMENT OF THE AIR FORCE								
PE: 35164F NAVSTAR GLOBAL POS SYS (USER)								
RIC: 0302 R, O, T AND E-AIR FORCE					9.8	24.4	25.0	59.1
RIC: 0435 AIRCRAFT PROCUREMENT-AIR FORCE						50.0	110.0	160.0
RIC: 0437 OTHER PROCUREMENT-AIR FORCE						14.9	15.0	30.0
PE: 35164F NAVSTAR GLOBAL POS SYS (USER)				29.6	9.8	89.3	150.0	249.0
PE: 35165F NAVSTAR GPS (SPACE/GRD SEGMENT)								29.6
RIC: 0302 R, O, T AND E-AIR FORCE								
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE			102.0	149.3	352.4	309.8	286.4	1199.9
RIC: 0442 MILITARY CONSTRUCTION-AIR FORCE				13.5				13.5
RIC: 0513 OPERATION AND MAINTENANCE-AIR			0.1	0.1	0.1	6.3	13.9	20.5
RIC: 0563 MILITARY PERSONNEL-AIR FORCE			0.1	0.9	1.6	3.2	5.8	11.7
PE: 35165F NAVSTAR GPS (SPACE/GRD SEGMENT)			102.2	193.4	354.1	319.3	306.2	1275.2

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DEPARTMENT OF DEFENSE  
 PRES BUD 83-87  
 SPACE AND SPACE-RELATED ACTIVITIES  
 TCA (MILLIONS)

BY SPACE DATA BODK AREAS	FISCAL YEAR							TOTAL
	81	82	83	84	85	86	87	
PE: 64778F NAVSTAR GPS USER EQUIPMENT	126.2	165.4	122.8	99.9	58.6	38.4	6.7	617.1
RIC: 0302 R, D, T AND E-AIR FORCE								
DEPARTMENT OF THE AIR FORCE	126.2	165.4	225.1	252.4	422.5	446.9	462.9	2141.3
UNITED STATES MARINE CORPS								
PE: 64719M PC CMD/CNTRL/COMM SYS	0.0	0.2	0.2	0.2	0.1	0.1	0.1	0.9
RIC: 0301 R, G, T AND E-NAVY								
RIC: 0434 PROCUREMENT-MARINE CORPS					2.3	4.6	4.1	11.0
RIC: 0512 OPERATION AND MAINTENANCE-MAR					0.0	0.2	0.2	0.4
PE: 64719M PC CMD/CNTRL/COMM SYS	0.0	0.2	0.2	0.2	2.4	4.9	4.4	12.2
DEPARTMENT OF THE NAVY								
PE: 11221N FLEET BALLISTIC MISSILE SYSTEM	6.1	3.2	0.2	0.2	0.2	0.2	0.2	10.3
RIC: 0301 R, D, T AND E-NAVY								
RIC: 0433 OTHER PROCUREMENT-NAVY	11.5	16.9	9.3	11.5	19.9	35.6	9.5	114.2
RIC: 0511 OPERATION AND MAINTENANCE-NAVY	5.2	4.8	4.9	4.7	4.8	4.8	4.9	34.1
PE: 11221N FLEET BALLISTIC MISSILE SYSTEM	22.8	24.9	14.4	16.4	24.9	40.6	14.6	158.6
RIC: 0410 AIRCRAFT PROCUREMENT-NAVY						16.4	68.9	85.3
RIC: 0433 OTHER PROCUREMENT-NAVY					7.0	11.9	19.5	38.4
RIC: 0561 MILITARY PERSONNEL-NAVY			0.1	0.1	0.2	0.3	0.3	0.9

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DEPARTMENT OF CEENSE  
 PRES BUD 83-87  
 SPACE-RELATED ACTIVITIES  
 TOA (MILLIONS)

BY SPACE DATA BCDK AREAS	FISCAL YEAR					TOTAL		
	81	82	83	84	85			
PE: 35164N NAVSTAR GLOBAL POS SYS (USER)			0.1	0.1	7.2	28.6	22.7	124.7
PE: 64777N NAVSTAR GPS		34.0	39.8	97.4	122.4	63.7	32.3	389.7
RIC: 0301 R, D, T AND E-NAVY								
DEPARTMENT OF THE NAVY	22.8	58.9	54.3	113.9	154.5	132.9	135.6	672.9
SPACE CATEGORY: Q1 NAVIGATION	167.0	224.5	291.5	411.3	590.5	596.7	610.8	2892.2
SPACE CATEGORY: Q2 COMMUNICATIONS								
DEPARTMENT OF THE ARMY	23.6	41.5	35.5	57.0	83.8	79.6	80.8	401.9
PE: 33142A SATCOM GROUND ENVIRONMENT								
RIC: 0300 R, D, T AND E-ARMY								
DEPARTMENT OF THE ARMY	161.7	209.5	276.4	157.0	83.5	78.6	33.8	1000.5
RIC: 0429 OTHER PROCUREMENT-ARMY								
DEPARTMENT OF THE ARMY	3.2		10.2	0.9			1.0	15.3
RIC: 0440 MILITARY CONSTRUCTION-ARMY								
DEPARTMENT OF THE ARMY	8.8	13.5	16.1	18.8	21.0	20.7	27.5	126.4
RIC: 0510 OPERATION AND MAINTENANCE-ARMY								
DEPARTMENT OF THE ARMY	6.4	7.7	8.3	8.8	9.1	9.1	9.1	58.5
RIC: 0560 MILITARY PERSONNEL-ARMY								
DEPARTMENT OF THE ARMY	203.6	272.2	346.5	242.5	197.4	188.0	152.2	1602.6
PE: 33142A SATCOM GROUND ENVIRONMENT								
DEPARTMENT OF THE AIR FORCE	35.9	40.1	53.1	25.8	8.2	2.7	10.0	175.8
PE: 33110R DEF SATELLITE COMM SYS								
RIC: 0302 R, D, T AND E-AIR FORCE								
DEPARTMENT OF THE AIR FORCE	80.5	129.6	192.9	89.9	398.5	430.6	95.1	1417.1
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE								
DEPARTMENT OF THE AIR FORCE	6.3	2.2	2.6	3.1	7.9	8.7		30.7
RIC: 0437 OTHER PROCUREMENT-AIR FORCE								
DEPARTMENT OF THE AIR FORCE	4.8	4.3	6.7	1.3	4.9	12.5	10.6	45.1
RIC: 0442 MILITARY CONSTRUCTION-AIR FORCE								

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DEPARTMENT OF DEFENSE  
 PRES BUD 83-87  
 SPACE AND SPACE-RELATED ACTIVITIES  
 TOA (MILLIONS)

BY SPACE DATA BOOK AREAS	FISCAL YEAR							TOTAL
	81	82	83	84	85	86	87	
RIC: 0513 OPERATION AND MAINTENANCE-AIR	6.8	12.5	13.9	13.8	17.8	23.5	24.7	113.1
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	4.3	4.3	6.9	9.6	12.6	14.1	14.4	66.6
PE: 33110F GEN SATELLITE COM SYS	138.6	193.6	276.1	143.5	449.9	492.1	154.8	1848.6
PE: 33401F COMMUNICATIONS SECURITY	30.8	64.2	66.4	46.9	45.3	52.3	65.6	375.5
RIC: 0437 OTHER PROCUREMENT-AIR FORCE								
PE: 33601F AIR FORCE SAT COM SYS	25.9	80.1	50.9	29.9	16.4	8.9	2.0	214.1
RIC: 0302 R, D, T AND E-AIR FORCE								
RIC: 0435 AIRCRAFT PROCUREMENT-AIR FORCE					36.8	24.7	30.3	91.8
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE	5.0		28.6	31.5		34.8	39.2	139.1
RIC: 0437 OTHER PROCUREMENT-AIR FORCE	24.2	14.4	10.4	67.2	85.8			202.1
RIC: 0513 OPERATION AND MAINTENANCE-AIR	2.7	3.8	4.4	4.2	4.3	4.8	5.4	29.7
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	5.3	6.0	6.9	7.3	7.3	7.3	7.4	47.5
PE: 33601F AIR FORCE SAT COM SYS	63.1	104.3	101.3	140.2	150.6	80.5	84.3	724.3
PE: 33603F MIL STRATEGIC TACTICAL * RELA	79.8		79.8	257.0	421.9	501.4	889.7	2149.7
RIC: 0435 AIRCRAFT PROCUREMENT-AIR FORCE						57.2	122.7	179.9
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE					138.1	277.9	421.3	837.3
PE: 33603F MIL STRATEGIC TACTICAL * RELA			79.8	257.0	560.0	836.5	1433.7	3167.0

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DEPARTMENT OF DEFENSE  
 PRES. BUD. 83-87  
 SPACE AND SPACE-RELATED ACTIVITIES  
 TOA (MILLIONS)

	81	82	83	84	85	86	87	TOTAL
SPACE DATA BOOK AREAS								
PE: 25158F SATELLITE DATA SYSTEM	43.1	29.4	7.9	2.6	2.3	2.3	2.5	89.2
RIC: 0302 P, D, T AND E-AIR FORCE								
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE	95.3	41.8	22.5	10.2	17.1	6.9	8.4	202.2
RIC: 0513 OPERATION AND MAINTENANCE-AIR	9.9	11.1	11.8	12.4	13.1	13.7	14.9	86.9
PE: 35158F SATELLITE DATA SYSTEM	148.3	81.3	42.2	25.2	32.5	23.0	25.8	378.2
PE: 78034F SAMTEC - COMMUNICATIONS	1.5	1.4	1.4	1.3	1.5	1.6	2.8	11.5
RIC: 0437 OTHER PROCUREMENT-AIR FORCE								
RIC: 0513 OPERATION AND MAINTENANCE-AIR	1.2	1.8	2.0	2.1	2.1	2.2	2.2	13.6
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.8
PE: 78034F SAMTEC - COMMUNICATIONS	3.0	3.5	3.7	3.7	3.6	4.1	5.3	26.9
DEPARTMENT OF THE AIR FORCE	383.7	446.9	569.5	616.4	1242.0	1489.5	1773.5	6520.5
DEFENSE COMMUNICATIONS AGENCY								
PE: 23126K LONG-HAUL COMMUNICATIONS IDCS	4.0	4.6	4.7	5.5	5.5	5.7	6.0	36.0
RIC: 0303 R, D, T AND E-DEFENSE AGENCIES								
RIC: 0438 PROCUREMENT-DEFENSE AGENCIES			0.8	1.9	1.7	1.5	1.5	7.3
PE: 33126K LONG-HAUL COMMUNICATIONS IDCS	4.0	4.6	5.5	7.3	7.2	7.1	7.5	43.3
UNITED STATES MARINE CORPS								
PE: 26313K MARINE CORPS TELECOMMUNICATIO	0.1	0.1	0.1	0.1	0.2	0.4	2.3	3.3
RIC: 0301 R, D, T AND E-NAVY								
RIC: 0434 PROCUREMENT-MARINE CORPS	1.3	3.5	5.4					10.2

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DEPARTMENT OF DEFENSE  
 FISCAL YEAR  
 SPACE AND SPACE-RELATED ACTIVITIES  
 TOA (FILLIONS)

BY SPACE DATA BOOK AREAS	81	82	83	84	85	86	87	TOTAL
RIC: 0512 OPERATION AND MAINTENANCE-MAR	0.6	0.3	0.2	1.1	1.7	1.4	0.7	6.0
PE: 26313M MARINE CORPS TELECOMMUNICATIO	2.0	3.9	5.7	1.2	1.9	1.8	3.0	19.5
DEPARTMENT OF THE NAVY PE: 33109N SATELLITE AND E-NAVY RIC: 0301 R, D, T AND E-NAVY	5.4	36.6	1.6	0.9	0.5	0.2	0.2	45.4
RIC: 0411 WEAPONS PROCUREMENT-NAVY	27.0	65.1	231.3	123.0	254.0	275.2	83.7	1059.3
RIC: 0433 OTHER PROCUREMENT-NAVY	33.0	49.8	49.6	58.7	51.1	33.2	7.7	283.0
RIC: 0441 MILITARY CONSTRUCTION-NAVY			2.5		1.3	16.7		20.5
RIC: 0511 OPERATION AND MAINTENANCE-NAVY	22.9	93.3	85.9	104.6	90.0	89.2	79.3	565.2
RIC: 0561 MILITARY PERSONNEL-NAVY	5.8	7.4	10.3	11.3	13.1	14.4	14.5	76.8
PE: 33109N SATELLITE COMMUNICATIONS PE: 84577N EMP STATION RIC: 0301 R, D, T AND E-NAVY	94.0	292.1	381.2	298.5	410.0	428.9	185.4	2050.2
DEPARTMENT OF THE NAVY	94.0	292.1	43.8	61.1	62.2	37.1	20.0	224.3
SPACE CATEGORY: 02 COMMUNICATIONS AND DEFENSE MAPPING, CHARTING AND DEPARTMENT OF THE NAVY PE: 35131B MAPPING, CHARTING AND AGENCY CHARTING AND AGENCIES RIC: 0438 PROCUREMENT-DEFENSE-DEF	687.4	979.7	1352.2	1227.2	1920.7	2151.4	2141.7	10460.3
RIC: 0514 OPERATION AND MAINTENANCE-DEF	7.3	7.7	7.9	8.9	9.1	9.4	9.6	59.9

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DEPARTMENT OF DEFENSE  
 PRES RUD 82-87  
 SPACE-RELATED ACTIVITIES  
 FOIA (MILLIONS)

SPACE DATA BOOK AREAS	FISCAL YEAR							TOTAL
	81	82	83	84	85	86	87	
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	0.3	0.6	0.3	0.4	0.4	0.4	0.4	2.8
PE: 351328 MAPPING, CHARTING AND GEODESY REC/MNAISSANCE SPT ACTIVITY RIC: 0303 R, D, T AND E-DEFENSE AGENCIES	8.4	9.4	9.7	11.7	12.3	12.7	13.1	76.3
RIC: 0438 PROCUREMENT-DEFENSE AGENCIES	1.0	1.0	17.3	12.9	10.9	8.9	7.5	58.4
PE: 351543 DEF RECONNAISSANCE SPT ACTIVITY PE: 637019 MAP/CHART/GEODESY INV/PROTODY RIC: 0303 R, D, T AND E-DEFENSE AGENCIES	3.2	1.0	20.6	16.2	14.0	11.7	10.4	73.9
DEFENSE MAPPING AGENCY	11.6	13.2	34.5	32.6	31.3	29.8	25.8	182.8
DEPARTMENT OF THE NAVY PE: 63371M TRIDENT II MISSILE SYS RIC: 0301 R, D, T AND E-NAVY		16.0	18.6	6.9	0.6			42.0
CE CATEGORY: 03 MAPPING, CHARTING AND CE CATEGORY: 04 MAPPING DEPARTMENT OF THE AIR FORCE PE: 12431F DEFENSE T AND E-AIR FORCE RIC: 0302 R, D, T AND E-AIR FORCE	11.6	29.2	53.1	39.4	31.9	29.8	29.8	224.6
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE	87.6	145.8	120.4	50.3	27.9	37.7	44.1	513.7
RIC: 0437 OTHER PROCUREMENT-AIR FORCE	52.0	241.4	407.5	366.3		138.2	242.6	1449.0
RIC: 0442 MILITARY CONSTRUCTION-AIR FORC	70.3	101.1	89.3	5.3	45.0	27.1	30.1	368.3
			1.9					1.9

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DEPARTMENT OF DEFENSE  
 PRESENT BUDGET OF SPACE-RELATED ACTIVITIES  
 SPACE AND TOA (MILLIONS)

BY SPACE DATA BOOK AREAS	FISCAL YEAR								TOTAL
	81	82	83	84	85	86	87		
RIC: 0513 OPERATION AND MAINTENANCE-AIR	44.7	53.9	60.6	57.8	54.2	49.8	52.1	373.1	
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	11.1	11.2	13.5	15.9	17.3	17.8	19.3	105.1	
PE: 12447F DEFENSE SUPPORT PROGRAM PE: 63425F DEFENSE SUPPORT PROGRAM-COMM RIC: 0513 OPERATION AND MAINTENANCE-AIR	265.6	553.3	693.3	495.6	144.4	270.6	387.1	2810.0	
	1.0	1.4	1.5	3.1	3.2	3.0	3.1	16.3	
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	0.7	0.9	1.3	1.5	1.7	1.7	1.7	9.5	
PE: 12447F DEFENSE SUPPORT PROGRAM PE: 63425F DEFENSE SUPPORT PROGRAM-COMM RIC: 0302 R, D, T AND E-AIR FORCE	1.7	2.3	2.8	4.6	4.9	4.7	4.9	25.8	
	9.9	9.9	20.8	48.7	67.2	20.6		167.2	
DEPARTMENT OF THE AIR FORCE	267.3	565.5	717.0	548.9	216.5	295.9	391.9	3003.0	
SPACE CATEGORY: 05 WEATHER DEPARTMENT OF THE AIR FORCE DEPARTMENT OF THE METEOROLOGICAL SATELLITE PE: 35160F DEF METEOROLOGICAL SATELLITE RIC: 0302 R, D, T AND E-AIR FORCE	18.9	47.2	27.8	35.4	40.2	36.8	34.4	240.6	
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE	42.8	36.6	167.9	34.8	130.6	45.0	36.2	493.9	
RIC: 0437 OTHER PROCUREMENT-AIR FORCE	4.0	1.8	6.3	11.4	13.6	19.2	9.6	66.0	
RIC: 0513 OPERATION AND MAINTENANCE-AIR	9.7	13.8	15.4	15.6	15.3	16.1		85.9	
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	5.1	5.4	6.6	6.6	6.2	5.5	5.0	40.3	
PE: 35160F DEF METEOROLOGICAL SATELLITE	80.5	104.9	223.9	103.7	205.9	122.6	85.2	926.7	

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DEPARTMENT OF DEFENSE  
 PRES FUD 83-87  
 SPACE AND SPACE-RELATED ACTIVITIES  
 TDA (MILLIONS)

BY SPACE DATA BOOK AREAS	FISCAL YEAR										TOTAL
	81	82	83	84	85	86	87				
PE: 3516ZF DEF METEOROLOG SAT PROG-COMM	1.1	1.6	1.7	1.4	1.4	1.4	1.6	10.2			
RIC: 0513 OPERATION AND MAINTENANCE-AIR											
DEPARTMENT OF THE AIR FORCE	81.6	106.4	225.6	105.1	207.3	124.0	86.8	936.9			
DEPARTMENT OF THE NAVY											
PE: 3511JN WEATHER SERVICE	1.2	1.1	1.2	2.0	6.5	9.5	8.4	26.4			
RIC: 0301 R, D, T AND E-NAVY											
DEPARTMENT OF THE NAVY											
PE: 0433 OTHER PROCUREMENT-NAVY											
PE: 3511JN WEATHER SERVICE	1.2	1.1	1.2	2.0	6.5	9.5	8.4	26.4			
RIC: 0301 R, D, T AND E-NAVY	1.9	1.4	1.3	1.1	1.0	1.2	1.3	9.6			
DEPARTMENT OF THE NAVY											
PE: 0411 WEAPONS PROCUREMENT-NAVY		3.8				9.1	10.3	23.2			
RIC: 0433 OTHER PROCUREMENT-NAVY											
DEPARTMENT OF THE NAVY											
PE: 35160N DEF METEOROLOGICAL SATELLITE	1.9	5.2	6.5	8.5	6.4	18.5	18.9	65.8			
RIC: 0301 R, D, T AND E-NAVY	1.5	1.2	1.7	2.4	2.8	3.1	3.3	16.0			
DEPARTMENT OF THE NAVY											
PE: 63704N CEANOGGRAPHIC INSTRUMENTATION			0.7	1.0	1.1	1.2	1.2	5.2			
RIC: 0301 R, D, T AND E-NAVY											
DEPARTMENT OF THE NAVY											
PE: 642J8N ENVIRONMENTAL SYSTEMS	0.3	0.3	0.2	0.3				1.1			
RIC: 0301 R, D, T AND E-NAVY											
DEPARTMENT OF THE NAVY											
SPACE CATEGORY: 05 WEATHER	86.5	114.2	235.9	119.3	224.1	156.3	118.6	1054.9			

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DEPARTMENT OF DEFENSE  
 PRE-2003 BUDGET  
 SPACE AND SPACE-RELATED ACTIVITIES  
 TOA (MILLIONS)

BY SPACE DATA BOOK AREAS	FISCAL YEAR										TOTAL	
	81	82	83	84	85	86	87	88	89	90		
SPACE CATEGORY: 06 VEHICLE AND VEHICLE D												
DEPARTMENT OF THE AIR FORCE												
PE: 12449F SPACE SHUTTLE												
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE	117.0	200.7	136.0	74.4	64.6	31.6						624.2
RIC: 0437 OTHER PROCUREMENT-AIR FORCE	17.0	6.4	6.7	4.2	4.2	2.2						45.5
RIC: 0442 MILITARY CONSTRUCTION-AIR FORC	112.2	36.2	82.2	66.6	53.4	4.9						355.4
PE: 12449F SPACE SHUTTLE												
PE: 35119F SPACE BOOSTERS	246.2	243.3	224.9	145.1	122.1	38.8						1025.1
RIC: 0302 R, D, T AND E-AIR FORCE	29.4	19.2	15.0	10.6	8.0							82.3
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE	121.2	68.2	71.1	167.2								427.7
RIC: 0513 OPERATION AND MAINTENANCE-AIR	58.5	69.2	86.0	87.4	86.5	36.1						466.7
PE: 35119F SPACE BOOSTERS												
PE: 35119F SPACE LAUNCH SUPPORT	209.1	158.7	172.1	265.2	94.5	36.1						976.7
RIC: 0302 R, D, T AND E-AIR FORCE	15.0	20.2	16.4	40.3	68.6	95.2						364.2
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE	0.7	103.0	155.8	172.4	162.0	186.3						975.6
RIC: 0513 OPERATION AND MAINTENANCE-AIR	29.8	72.5	176.8	258.2	354.2	628.4						2233.1
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	1.5	2.2	4.4	6.3	7.6	8.3						38.7
PE: 35119F SPACE LAUNCH SUPPORT												
PE: 35119F SPACE VEHICLE SUPPORT SYSTEMS	47.0	197.8	353.4	477.2	592.4	918.2						3611.5
RIC: 0302 R, D, T AND E-AIR FORCE	9.9	4.4	4.4	6.7	7.4	8.0						45.9

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DEPARTMENT OF DEFENSE  
 PRES BUD 83-87  
 SPACE-RELATED ACTIVITIES  
 TCA (MILLIONS)

BY SPACE DATA BOOK AREAS	FISCAL YEAR							TOTAL
	81	82	83	84	85	86	87	
PE: 644115 SPACE SHUTTLE RIC: 0302 R, D, T AND E-AIR FORCE	246.3	266.0	355.6	293.1	297.9	101.5	25.6	1586.0
DEPARTMENT OF THE AIR FORCE	758.5	863.8	1110.5	1187.3	1114.3	1102.5	1163.2	7245.2
SPACE CATEGORY: 07 GROUND SUPPORT DEPARTMENT OF THE ARMY PE: 65804A DARCOM MAJ RANGES/TEST FACILI RIC: 0300 R, D, T AND F-ARMY	8.3	13.4	4.9	3.9	4.1	2.8	2.6	40.0
RIC: 0560 MILITARY PERSONNEL-ARMY	0.7	1.0	0.5	0.3	0.3	0.2	0.2	3.2
PE: 65804A DARCOM MAJ RANGES/TEST FACILI	9.0	14.4	5.4	4.2	4.4	3.0	2.8	43.2
DEPARTMENT OF THE AIR FORCE PE: 124244E SPACE TRACK RIC: 0302 R, D, T AND E-AIR FORCE	6.7	8.0	5.5	5.1	4.2	4.4	4.4	39.3
RIC: 0437 OTHER PROCUREMENT-AIR FORCE	7.2	24.7	7.7	5.7	17.2	4.1	4.5	71.1
RIC: 0442 MILITARY CONSTRUCTION-AIR FORC	1.2		1.8	9.4	9.0			21.3
RIC: 0513 OPERATION AND MAINTENANCE-AIR	41.5	66.1	73.5	80.0	85.6	88.9	91.3	526.8
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	1.9	2.4	2.7	2.9	3.2	3.2	3.2	19.5
PE: 124244E SPACE TRACK - COMMUNICATIONS PE: 12443E SPACE TRACK AND MAINTENANCE-AIR RIC: 0513 OPERATION AND MAINTENANCE-AIR	58.4	101.1	91.2	103.1	119.2	100.6	103.4	677.1
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	0.6	1.5	2.6	2.4	2.9	3.1	3.3	16.4
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	0.4	0.4	0.4	0.5	0.5	0.5	0.5	3.1

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DEPARTMENT OF DEFENSE  
 PRES. BUD. 83-87  
 SPACE AND SPACE-RELATED ACTIVITIES  
 TOA (MILLIONS)

BY SPACE DATA BOOK AREAS	FISCAL YEAR								TOTAL
	81	82	83	84	85	86	87		
PE: 12443F SPACETRACK - COMMUNICATIONS	1.0	1.9	3.0	2.9	3.4	3.6	2.8	19.5	
PE: 35110F SATELLITE CONTROL FACILITY	15.4	67.6	60.2	66.4	84.5	57.7	95.9	447.7	
RIC: 0302 R, D, T AND E-AIR FORCE									
RIC: 0435 AIRCRAFT PROCUREMENT-AIR FORCE	1.1	1.4	2.0	0.7	0.2			5.5	
RIC: 0437 OTHER PROCUREMENT-AIR FORCE	19.2	0.6	11.1	20.1	38.9	157.7	182.0	429.7	
RIC: 0442 MILITARY CONSTRUCTION-AIR FORCE		6.5	11.7	2.8	1.0			22.0	
RIC: 0513 OPERATION AND MAINTENANCE-AIR	44.6	50.5	57.6	66.9	70.9	80.6	128.4	499.6	
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	19.6	20.8	24.8	25.7	25.7	20.2	14.9	151.7	
PE: 35110F SATELLITE CONTROL FACILITY	99.9	147.5	167.4	182.5	221.3	316.3	421.3	1556.2	
PE: 35110F CONSOLIDATED SPACE OPERATIONS	3.8	19.4	32.1	59.3	64.4	45.3	35.8	260.2	
RIC: 0302 R, D, T AND E-AIR FORCE									
RIC: 0437 OTHER PROCUREMENT-AIR FORCE			20.7	83.2	167.6	152.4	114.4	539.3	
RIC: 0442 MILITARY CONSTRUCTION-AIR FORCE			67.7	78.0				145.7	
RIC: 0513 OPERATION AND MAINTENANCE-AIR	0.1			9.4	27.0	93.1	112.8	242.4	
RIC: 0563 MILITARY PERSONNEL-AIR FORCE			0.9	4.3	12.1	20.1	22.7	60.1	
PE: 35130F CONSOLIDATED SPACE OPERATIONS	3.8	19.4	121.5	234.2	271.1	311.0	265.7	1246.6	
PE: 35151F SATELLITE CONTROL FAC - COMM			6.1	6.1	6.7	5.5	6.1	32.7	
RIC: 0437 OTHER PROCUREMENT-AIR FORCE	2.3								

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 SPACE AND SPACE-RELATED ACTIVITIES  
 TOA (MILLIONS)

Y	SPACE DATA BOOK AREAS	81	82	83	84	85	86	87	TOTAL
	RIC: 0513 OPERATION AND MAINTENANCE-AIR	8.0	11.7	12.4	12.8	14.4	21.6	24.3	105.3
	RIC: 0563 MILITARY PERSONNEL-AIR FORCE	1.8	1.8	2.1	2.0	2.0	2.1	2.0	13.8
	PE: 35131F SATELLITE CNTRL FAC - COM PE: 35894F REAL PROPERTY MAINTENANCE ACT RIC: 0513 OPERATION AND MAINTENANCE-AIR	12.1	13.5	20.6	20.9	23.1	29.1	32.3	151.8
		16.6	19.0	18.4	18.7	20.9	26.0	26.9	145.5
	PE: 35896E BASE OPERATIONS RIC: 0437 OTHER PROCUREMENT-AIR FORCE	5.0	7.6	10.0	11.5	34.4	27.1	16.4	112.0
	RIC: 0442 MILITARY CONSTRUCTION-AIR FORC			2.3					2.3
	RIC: 0513 OPERATION AND MAINTENANCE-AIR	0.9	1.3	1.5	1.7	1.8	2.0	2.0	11.2
	RIC: 0563 MILITARY PERSONNEL-AIR FORCE	1.0	1.0	1.0	1.1	1.2	1.3	1.5	9.1
	PE: 35896E BASE OPERATIONS PE: 35801E TEST AND EVALUATION SPT RIC: 0302 R, D, T AND E-AIR FORCE	6.9	9.9	14.8 <sup>18A</sup>	14.3	37.4	30.4	19.9 <sup>18A</sup>	133.6
		40.0	35.0	37.0	55.0	50.0	52.0	50.0	319.0
	PE: 79022F EASTERN TEST RANGE RIC: 0437 OTHER PROCUREMENT-AIR FORCE	1.4	2.7	2.7	2.6	2.4	2.6	3.4	17.8
	RIC: 0442 MILITARY CONSTRUCTION-AIR FORC				0.2	0.5	2.6	1.0	4.3
	RIC: 0513 OPERATION AND MAINTENANCE-AIR	42.4	46.4	50.7	49.5	57.2	59.3	69.1	374.6
	RIC: 0563 MILITARY PERSONNEL-AIR FORCE	1.5	2.0	2.8	2.9	2.8	2.8	2.8	17.6
	PE: 78022F EASTERN TEST RANGE	45.3	51.1	56.2	55.2	62.9	67.3	76.3	414.3

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DEPARTMENT OF DEFENSE  
 PRES BUD 83-87  
 SPACE-RELATED ACTIVITIES  
 SPACE AND TOA (MILLIONS)

BY SPACE DATA BUCK AREAS	FISCAL YEAR							TOTAL
	81	82	83	84	85	86	87	
PE: 78032F SPACE/MSL TEST CYR (WEST TEST FORCE) RIC: 0437 OTHER PROCUREMENT-AIR FORCE	1.8	1.7	3.2	2.8	3.1	3.8	3.4	19.8
KIC: 0442 MILITARY CONSTRUCTION-AIR FORCE			2.5					2.5
RIC: 0513 OPERATION AND MAINTENANCE-AIR	26.3	30.3	30.5	31.2	32.7	34.2	37.4	222.6
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	4.7	4.7	5.3	5.9	6.0	5.8	5.6	39.0
PE: 78032E SPACE/MSL TEST CTR (WEST TEST DEPARTMENT OF THE AIR FORCE)	32.8	36.7	41.5	39.9	41.8	43.8	46.4	282.9
	216.8	434.1	571.6	726.8	851.1	980.1	1068.0	4946.5
DEPARTMENT OF THE NAVY PE: 12427N SPACE SURVEILLANCE RIC: 0301 R, D, T AND E-NAVY	0.5	0.6	0.5	0.5	0.6	0.5	0.5	3.7
RIC: 0433 OTHER PROCUREMENT-NAVY	4.1	8.4	5.9	4.5	3.0	1.0	1.0	27.9
RIC: 0511 OPERATION AND MAINTENANCE-NAVY	7.0	7.5	7.4	8.3	10.0	10.8	11.2	62.3
RIC: 0561 MILITARY PERSONNEL-NAVY	0.3	0.5	0.6	0.6	0.6	0.6	0.6	3.7
PE: 12427N SPACE SURVEILLANCE	12.0	17.0	14.4	13.9	14.3	12.8	13.3	97.6
SPACE CATEGORY: 07 GROUND SUPPORT RESEARCH AGENCY DEFENSE ADVANCED RESEARCH PROJECTS AGENCY PE: 2301E STRATEGIC TECHNOLOGY RIC: 0303 R, D, T AND E-DEFENSE AGENCIES	337.8	465.5	591.4	744.9	869.8	995.9	1082.1	5087.3
	58.0	56.5	64.6	38.8	38.3	44.2	46.5	346.9

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DEPARTMENT OF DEFENSE  
 PRES. BUJ 83-87 ACTIVITIES  
 SPACE AND SPACE-RELATED TOA (MILLIONS)

SPACE DATA BLOCK AFEAS	FISCAL YEAR						TOTAL	
	81	82	83	84	85	86		87
PE: 62711E EXPERIMENTAL EVAL PROJ INNOVAT	80.6	111.7	143.5	241.3	271.2	232.9	193.6	1274.7
RIC: 0303 R, D, T AND E-DEFENSE AGENCIES								
DEFENSE ADVANCED RESEARCH- PROJECTS AGENC	138.6	168.2	208.1	280.1	309.5	277.0	240.1	1621.6
DEPARTMENT OF THE AIR FORCE								
PE: 12311E NGRD CGC AND E-AIR FORCE	16.0	23.5	25.4	35.1	12.6	19.3	12.4	144.2
RIC: 0302 R, D, T AND E-AIR FORCE								
RIC: 0437 OTHER PROCUREMENT-AIR FORCE	1.5	4.2	28.0	11.0	0.7	1.5	1.6	48.6
RIC: 0512 OPERATION AND MAINTENANCE-AIR		1.4	2.5	2.9				6.7
PE: 12311E NGRD CGC MSL TAC WNG/ATK ASS	17.5	29.2	55.9	48.9	13.3	20.8	14.0	199.6
PE: 12311E BALLISTIC AND E-AIR FORCE			1.3	1.7	2.3	3.1	3.1	11.5
RIC: 0302 R, D, T AND E-AIR FORCE								
RIC: 0437 OTHER PROCUREMENT-AIR FORCE			1.1	1.1	0.7			2.8
RIC: 0513 OPERATION AND MAINTENANCE-AIR			4.5	4.9	5.1	5.3	5.5	25.3
RIC: 0563 MILITARY PERSONNEL-AIR FORCE			0.6	1.3	1.3	1.3	1.3	5.9
PE: 12313E PALLISTIC MSL TAC WNG/ATK ASS			7.4	8.9	9.4	9.8	10.0	45.5
PE: 12433E INTEG OPERATIONAL MUDETS DETF			19.9	9.5	8.6	2.7		51.6
RIC: 0302 R, D, T AND E-AIR FORCE	4.0	7.0	19.9	9.5	8.6	2.7		51.6
RIC: 0437 OTHER PROCUREMENT-AIR FORCE			21.3	15.1	19.4	23.2		78.0
PE: 12433E INTEG OPERATIONAL MUDETS DETE	4.0	7.0	19.9	30.7	23.7	21.1	22.2	129.5

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DEPARTMENT OF DEFENSE  
 PRES BUD 93-87  
 SPACE AND SPACE-RELATED ACTIVITIES  
 TOA (FILLIONS)

BY SPACE DATA BOOK AREAS	FISCAL YEAR										TOTAL
	81	82	83	84	85	86	87				
PE: 12450F SPACE DEFENSE OPS	14.4	1.1	6.5	2.9	1.9	49.1	46.2	121.2			
RIC: 0302 R, D, T AND E-AIR FORCE											
RIC: 0435 AIRCRAFT PROCUREMENT-AIR FORCE					8.8	51.1	49.5	109.3			
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE											
RIC: 0442 MILITARY CONSTRUCTION-AIR FORCE				32.8	122.0	332.3	371.3	959.4			
RIC: 0513 OPERATION AND MAINTENANCE-AIR FORCE					0.0	6.5	6.8	13.3			
RIC: 0563 MILITARY PERSONNEL-AIR FORCE					0.1	0.3	0.4	0.8			
PE: 12450F SPACE DEFENSE OPS	14.4	1.1	6.5	35.7	141.0	445.3	481.1	1125.1			
PE: 31324F FOREST GREEN	4.3	1.7	4.7	10.8	8.1	14.6	11.1	55.3			
RIC: 0302 R, D, T AND E-AIR FORCE											
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE	1.4	2.1	3.5	2.3	3.6	11.4	10.1	34.4			
RIC: 0437 OTHER PROCUREMENT-AIR FORCE		2.9	5.4	3.4	2.6	1.3	5.6	21.2			
RIC: 0513 OPERATION AND MAINTENANCE-AIR FORCE	1.8	1.9	0.9	3.3	3.3	3.5	5.1	19.8			
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	1.5	1.9	2.0	2.0	2.0	2.0	2.0	13.4			
PE: 31324F FOREST GREEN	9.0	10.5	16.5	21.8	19.6	32.8	33.9	144.1			
PE: 31327F INTEG OPERATIONAL NUDETS DETE		4.5	2.0	1.1	0.5			9.1			
RIC: 0302 R, D, T AND E-AIR FORCE											
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE		16.4	22.4	20.6	20.5	21.5	23.4	124.8			

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DEPARTMENT OF DEFENSE  
 PRES 80D 83-87  
 SPACE AND SPACE-RELATED ACTIVITIES  
 TDA (MILLIONS)

BY SPACE DATA BOOK AREAS	FISCAL YEAR							TOTAL
	81	82	83	84	85	86	87	
PE: 31357E INTEG OPERATIONAL BUDGETS DETE		20.9	24.4	21.7	21.0	21.5	23.4	132.9
PT: 61102E DEFENSE RESEARCH SCIENCES	4.5	4.9	14.3	14.5	15.2	15.8	6.3	75.5
RIC: 0302 R, D, T AND E-AIR FORCE								
PE: 62101E GEOPHYSICS AND E-AIR FORCE	13.7	14.7	16.6	17.2	20.1	23.6	25.1	131.0
RIC: 0302 R, D, T AND E-AIR FORCE								
PE: 62102E MATERIALS AND E-AIR FORCE	5.2	5.3	5.3	5.2	5.2	5.4	5.4	37.0
RIC: 0302 R, D, T AND E-AIR FORCE								
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.4
PE: 62102E MATERIALS AND E-AIR FORCE	5.4	5.5	5.5	5.4	5.4	5.5	5.6	39.4
PE: 62203F AEROSPACE PROPULSION	1.5	2.2	2.7	3.1	3.3	3.6	3.9	20.3
RIC: 0302 R, D, T AND E-AIR FORCE								
PE: 62204F AEROSPACE AVIONICS/WHSI CIRCU	19.0	27.1	26.7	25.8	23.8	27.3	28.0	177.7
RIC: 0302 R, D, T AND E-AIR FORCE								
PE: 62302F ROCKET PROPULSION	7.7	9.1	10.6	11.2	13.8	16.1	17.2	85.7
RIC: 0302 R, D, T AND E-AIR FORCE								
RIC: 0442 MILITARY CONSTRUCTION-AIR FORC			5.0					5.0
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	0.7	0.7	0.7	0.7	0.7	0.7	0.7	4.9
PE: 62302E ROCKET PROPULSION	8.4	9.8	16.3	11.9	14.5	16.8	17.9	95.6
PE: 62601F ADVANCED RESEARCH AND E-AIR FORCE	6.1	7.6	8.8	10.4	11.3	15.4	16.8	76.4
RIC: 0302 R, D, T AND E-AIR FORCE								
PE: 62702F COMMAND/CONTROL/COMMUNICATION	3.7	4.9	6.1	7.7	9.4	10.7	12.0	54.5
RIC: 0302 R, D, T AND E-AIR FORCE								

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DEPARTMENT OF DEFENSE  
 PRES BUD 83-87  
 SPACE AND SPACE-RELATED ACTIVITIES  
 TDA (MILLIONS)

BY SPACE DATA BUDK AREAS	FISCAL YEAR						TOTAL	
	81	82	83	84	85	86		87
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.4
PE: 632702F COMMAND/CONTROL/COMMUNICATION	3.9	5.1	6.3	7.9	9.6	10.9	12.2	55.9
RIC: 0302 R, D, T AND E-AIR FORCE	6.4	8.5	8.3	6.4	6.5	6.0	6.3	49.4
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7
PE: 63331F AEROSPACE STRUCTURES/MATERIAL	6.5	8.6	8.4	6.5	6.6	6.1	6.4	49.1
RIC: 0302 K, D, T AND E-AIR FORCE	2.5	3.0	0.3					5.8
PE: 63402F SPACE TEST PROGRAM	41.0	42.6	62.6	73.7	81.6	87.0	95.3	493.8
RIC: 0302 K, D, T AND E-AIR FORCE								
PE: 6341GF SPACE SYS ENVIRON INTERACTION			1.6	2.7	4.1	5.6	6.7	20.7
RIC: 0302 K, D, T AND E-AIR FORCE								
PE: 63424F PSL SURVEILLANCE TECH	10.1	13.8	9.7	7.6				41.3
KIC: 0302 R, D, T AND E-AIR FORCE								
PE: 63428F SPACE SURVEILLANCE TECHNOLOGY	25.6	23.7	40.3	46.6	55.6	222.8	138.3	552.9
RIC: 0302 R, D, T AND E-AIR FORCE								
PE: 63431F SPACE COMMUNICATIONS	31.0	66.4	52.3	53.9	44.3	34.8	32.1	314.9
RIC: 0302 R, D, T AND E-AIR FORCE								
PE: 63438F SATELLITE SYS SURVIVABILITY	24.0	11.1	22.5	38.3	40.5	42.1	44.8	223.4
RIC: 0302 R, D, T AND E-AIR FORCE								
PE: 63603F SPACE LASER PROGRAM			40.6	37.1	37.6	43.2	42.9	201.4
RIC: 0302 K, D, T AND E-AIR FORCE								

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 SPACE AND SPACE-RELATED ACTIVITIES  
 TCA (MILLIONS)

BY SPACE DATA BODK AREAS	81	82	83	84	85	86	87	TOTAL
SPACE CATEGORY: 09 GENERAL SUPPORT								
DEPARTMENT OF THE ARMY								
PE: 63730A TACTICAL SURVEILLANCE SYSTEM	10.3	15.0	22.2	22.3	16.9	15.7	13.6	116.0
RIC: 0300 R, D, T AND E-ARMY								
RIC: 0560 MILITARY PERSONNEL-ARMY	0.3	0.3	0.2	0.2	0.3	0.3	0.2	1.6
PE: 63730A TACTICAL SURVEILLANCE SYSTEM	10.6	15.3	22.4	22.5	17.2	16.0	13.8	117.8
RIC: 0300 R, D, T AND E-ARMY	10.0	6.5	9.7	14.2	14.3	13.0	15.4	84.1
RIC: 0560 MILITARY PERSONNEL-ARMY	0.1	0.1	0.3	0.2				0.6
PE: 63766A TAC ELECTRONIC SURVEILLANCE S	10.0	6.6	10.0	14.4	14.3	13.0	16.4	84.7
RIC: 0300 R, D, T AND E-ARMY	2.5	4.7	9.5	10.6	17.3	19.3	21.6	85.5
RIC: 0429 OTHER PROCUREMENT-ARMY	0.9	1.1	0.2	15.3	29.2	36.6	34.1	119.4
RIC: 0510 OPERATION AND MAINTENANCE-ARMY	2.7	3.0	4.2	5.2	5.6	5.6	5.6	31.9
PE: 64740A TACTICAL SURVEILLANCE SYSTEM	6.1	8.9	13.9	32.1	52.1	61.5	61.3	235.8
RIC: 0300 R, D, T AND E-ARMY	16.7	7.8	15.5	18.2	21.0	21.2	22.4	122.9
RIC: 0429 OTHER PROCUREMENT-ARMY	0.9	1.1	0.2	13.4	24.3	22.4	7.7	79.0
RIC: 0510 OPERATION AND MAINTENANCE-ARMY	5.0	6.0	8.4	10.4	11.2	11.2	11.2	63.4
RIC: 0560 MILITARY PERSONNEL-ARMY	0.2	0.1		0.1	0.2	0.2	0.3	1.1
PE: 64760A TAC ELECTRONIC SURVEILLANCE S	22.8	15.0	24.1	42.1	56.7	55.0	41.6	257.4

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DEPARTMENT OF DEFENSE  
 PRES BUD 83-87  
 SPACE-RELATED ACTIVITIES  
 TCA (MILLIONS)

SPACE DATA BOOK AREAS	FISCAL YEAR							TOTAL
	81	82	83	84	85	86	87	
DEPARTMENT OF THE ARMY	49.4	45.7	70.4	111.1	140.4	145.6	133.0	695.7
DEPARTMENT OF THE AIR FORCE	0.3	0.3	0.3	0.3	0.3	0.3	0.4	2.1
PE: 272477E AIR FORCE TENCAP								
RIC: 0302 R, D, T AND E-AIR FORCE	0.3	0.3	0.3	0.3	0.3	0.3	0.4	2.1
DEPARTMENT OF THE AIR FORCE	3.0	3.1	3.5	3.8	4.1	4.3	4.5	26.3
RIC: 0513 OPERATION AND MAINTENANCE-AIR	3.0	3.1	3.5	3.8	4.1	4.3	4.5	26.3
PE: 272477E AIR FORCE TENCAP								
PE: 31313F DEFENSE DISSEMINATION PROGRAM	3.3	3.4	3.8	4.1	4.4	4.6	4.9	28.4
RIC: 0302 R, D, T AND E-AIR FORCE	9.6	1.7						11.3
RIC: 0437 OTHER PROCUREMENT-AIR FORCE	1.4	1.5	1.7	1.6	1.6	1.7	1.7	11.2
RIC: 0513 OPERATION AND MAINTENANCE-AIR	7.2	5.4	6.1	6.6	7.0	7.4	8.1	47.8
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	0.7	0.9	1.0	1.0	1.0	1.0	1.0	6.7
PE: 31313F DEFENSE DISSEMINATION PROGRAM	18.9	9.5	9.9	9.2	9.6	10.0	10.8	76.9
PE: 34111E SPECIAL ACTIVITIES	687.5	942.9	1128.4	1036.1	944.6	626.1	351.1	5716.7
RIC: 0302 R, D, T AND E-AIR FORCE	657.8	763.1	1183.9	1527.3	2090.6	2089.8	2184.3	10496.2
RIC: 0436 MISSILE PROCUREMENT-AIR FORCE	472.0	577.4	721.4	844.8	1014.8	980.7	1003.5	5614.6
RIC: 0437 OTHER PROCUREMENT-AIR FORCE	0.9	14.0		5.0		75.2		95.1
RIC: 0442 MILITARY CONSTRUCTION-AIR FORC	1818.2	2297.4	3033.6	3413.7	4050.0	3770.8	3538.9	21922.6
PE: 34111E SPECIAL ACTIVITIES	7.7	8.1	8.0	9.8	10.4	11.2	12.2	67.4
PE: 03256E LINCOLN LABORATORY								
RIC: 0302 R, D, T AND E-AIR FORCE								

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DEPARTMENT OF DEFENSE  
 PRES BUD 83-87  
 SPACE-RELATED ACTIVITIES  
 TOA (WILLICNS)

BY SPACE DATA BOOK AREAS	FISCAL YEAR							TOTAL
	81	82	83	84	85	86	87	
PE: 65806F ACQUISITION AND COMMAND SUPPO	17.0	17.7	20.7	21.0	21.2	21.6	21.2	140.4
RIC: 0302 R, D, T AND E-AIR FORCE								
RIC: 0563 MILITARY PERSONNEL-AIR FORCE	21.4	24.2	25.3	25.1	24.4	24.3	21.3	166.0
PE: 65806F ACQUISITION AND COMMAND SUPPO	38.4	41.9	46.0	46.1	45.6	45.9	42.5	306.4
PE: 65808F ADV SYS ENGINEERING/PLAN	2.0	2.5	2.8	3.0	3.3	3.3	3.6	20.5
RIC: 0302 R, D, T AND E-AIR FORCE								
DEPARTMENT OF THE AIR FORCE	1888.5	2362.8	3103.1	3485.9	4123.3	3845.8	3612.9	22422.2
SPACE CATEGORY: 09 GENERAL SUPPORT	1938.0	2408.5	3173.5	3597.0	4263.7	3991.3	3745.9	23118.0
FINAL TOTALS	4827.7	6404.9	8562.9	9039.3	10592.6	11120.1	10941.1	61428.5

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CHRONOLOGY FOR SPACE AND SPACE-RELATED  
PROGRAM DATA COMPILATION

18	-	Feb	Identify Service/Agency Action Officers to OSDRE.
22	-	Feb	Identify to OSDRE any additions, deletions and/or changes to the list of program elements in the financial data base (Do not make any changes to funding since a revised data printout will be extracted from the President's FY 1984 Budget).
22	-	Feb	FYDP Funding Summary extracted from President's FY 1984 Budget will be provided to Service/Agency Action Officers by OSDRE.
8	-	Mar	Service/Agency Action Officers provide OSDRE with reproducible copies of the Space Program Data Sheets and Descriptive Summaries for all space or space-related. Note that the funding table on the Data Sheets and Funds in the funding summary should be identical.
29	-	Apr	Target date for product distribution.

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LAW EO 13526, Section 3.5  
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Prepared by: D. Granato x78158 *(Signature)*

~~UPON REMOVAL OF ATTACHMENTS THIS DOCUMENT REMAINS UNCLASSIFIED~~

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Authority: EO 13526  
Chief, Records & Declass Div, WHS  
Date: MAY 19 2016

Attachments

COORDINATION: None required.

RECOMMENDATION: That you sign the tasking letter at Tab A.

The attached letter to the Services and Defense Agencies tasks them to provide the required inputs so that the Space Program Data can be compiled.

DISCUSSION: Each year a booklet is prepared by OUSDRB which summarizes all space and space-related programs. This document provides OUSDRB with descriptive and financial data on all DoD space programs for use in preparation of the Congressional testimony. It is similarly used by the Air Force and the OMB. Last year's submission adopted the Air Force suggestion to incorporate the existing Descriptive Summaries together with a short worksheet, which provides needed additional information. In order to further reduce the workload, the financial data was automated.

PROBLEM: Support from the Services and Defense Agencies is required to compile the Space and Space-Related Program Data.

FROM: DEPUTY UNDER SECRETARY OF DEFENSE FOR RESEARCH ANDS/ T. K. Jones  
ENGINEERING (STRATEGIC AND THEATER NUCLEAR FORCES)

THRU: PRINCIPAL DEPUTY UNDER SECRETARY OF DEFENSE FOR RESEARCH AND ENGINEERING

TO: UNDER SECRETARY OF DEFENSE FOR RESEARCH AND ENGINEERING

RESEARCH AND  
ENGINEERING



18 FEB 1983

WASHINGTON, D.C. 20301

OFFICE OF THE UNDER SECRETARY OF DEFENSE

~~SECRET~~



RESEARCH AND  
ENGINEERING

WASHINGTON, D.C. 20301

OFFICE OF THE UNDER SECRETARY OF DEFENSE

Senator Paul Laxalt  
United States Senate  
Washington, DC 20510  
Dear Senator Laxalt:

This is in reply to your constituent inquiry on behalf of Malcolm Thompson regarding strategic defense.

The United States has a substantial effort to develop the capability to defend against nuclear weapons. On October 2, 1981, President Reagan announced a comprehensive plan for revitalizing our strategic deterrent. This plan includes the policies and programs to enhance our defenses against missile and bomber attacks and to improve civil defenses. There are, of course, competing concepts for accomplishing these objectives and there are not sufficient resources to pursue everything. In addition, lead times associated with design and production automatically produce a typical delay of six to eight years between the time a program is initially funded and the time an operational capability is achieved. The Department of Defense is proceeding with an aggressive effort which is a responsible balance between near-term needs, pursuing promising future concepts, and operating within the available budget. Strategies such as that proposed by Mr. Thompson are receiving appropriate management attention within the Department of Defense.

I hope this information will be useful to you in answering Mr. Thompson's proposal.

Sincerely,

NBD

T. K. Jones  
Deputy Under Secretary  
Strategic and Theater Nuclear  
Forces

COORDINATION:

*William 15 Feb 1983*  
OSD(LA)

USD 27800

MR. JOHNSON 1 FEB 1983  
OUSDRE (DS)/57327  
DIR., OS  
DISTRIBUTION:  
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DUSD (S&T)NF  
HLD  
CMBK

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X10274

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 Date: MAY 19 2016

SD FORM 391  
 82 APR

PREVIOUS EDITION IS OBSOLETE

CCD CONTROL NUMBER 27800		SIGNATURE		DOD COMPONENT		TELEPHONE NO.	
REPORTING INDIVIDUAL							
EXPLAIN/JUSTIFY							
<input type="checkbox"/> ACTION HAS BEEN COMPLETED (COPY ATTACHED) <input type="checkbox"/> ACTION HAS NOT BEEN COMPLETED (EXPLAIN BELOW). EXPECTED DATE OF COMPLETION IS _____ (YYMMDD) <input type="checkbox"/> REQUEST EXTENSION OF SUSPENSE DATE TO (YYMMDD) _____ (JUSTIFY BELOW)							
TO: CORRESPONDENCE CONTROL DIVISION, WHS, ROOM 3A948, PENTAGON							
THIS FORM MUST BE COMPLETED AND DELIVERED TO THE CORRESPONDENCE CONTROL DIVISION, WHS, ROOM 3A948, NOT LATER THAN (YYMMDD) _____							
REPORT ON SECRETARY OF DEFENSE CORRESPONDENCE							
DATE (YYMMDD)							

*820307*

DS  
 STMF 281  
 USD/LEE

ACTION DATE (YYMMDD) **13** ROUTINE **JAN 28 1983** OSD CONTROL NUMBER **27800**

TYPE OF ATTACHMENT  ACTION COPY  ADVANCE ACTION COPY  INFORMATION COPY

REMARKS  
 DECLASSIFIED IN FULL  
 Authority: EO 13526  
 Chief, Records & Declass Div, WHS  
 Date: MAY 19 2016  
 THE ATTACHED CORRESPONDENCE HEADERS SPECIAL HANDLING IN AGREEMENT WITH INSTRUCTIONS CONTAINED IN MEMORANDUM FROM THE SECRETARY OF DEFENSE DATED 27 MARCH 1983, SUBJECT, "CONGRESSIONAL CORRESPONDENCE"

PREPARE REPLY FOR SEC OF DEF SIGNATURE  
 PREPARE REPLY FOR DEP SEC OF DEF SIGNATURE  
 REPLY DIRECT (Fwd by of reply for Sec of Def records)  
 APPROPRIATE ACTION  
 INFORMATION AND RETENTION

TYPE OF ACTION REQUIRED

TO	ACT	INFO	ACT	INFO	TO	ACT	INFO	TO
					SECRETARY OF DEFENSE			
					OFFICE OF THE SECRETARY OF DEFENSE			
					SECRETARY OF DEFENSE			
					DEPUTY SECRETARY OF DEFENSE			
					EXECUTIVE ASSISTANT			
					EXECUTIVE SECRETARY			
					PROTOCOL			
					UNDER SECRETARY FOR POLICY			
					DUSD (Policy)			
					ASD (International Security Affairs)			
					DEF ADV RSCH PROJ AGENCY			
					ASD (International Security Policy)			
					DIR, NET ASSESSMENT			
					UNDER SECRETARY FOR RSCH & ENGR			
					ATSD (Atomic Energy)			
					ASD (Comptroller)			
					DASD (Administration)			
					ASD (Health Affairs)			
					ASD (Legislative Affairs)			
					ASD (Manpower, Res Aff & Logistics)			
					ASD (Public Affairs)			
					NSA/CENTRAL SECURITY SERVICE			
					GENERAL COUNSEL			
					ATSD (Review & Oversight)			
					DIR, PROGRAM ANALYSIS & EVALUATION			

COMMENTS AND/OR RECOMMENDATIONS  
 COORDINATE REPLY WITH  
 PREPARE REPLY FOR SEC OF DEF SIGNATURE

CONGRESSIONAL

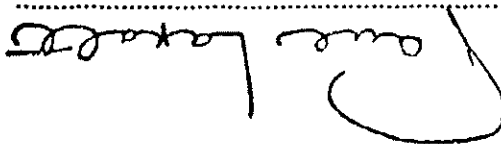
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Date: MAY 19 2016

GPO : 1981 O - 76-237

27800

Form #2

blm

u.s.s.  


Because of the desire of this office to be responsive to all inquiries and communications, your consideration of the attached is requested. Your findings and views, in duplicate form, along with return of the enclosure, will be appreciated by

Department of Defense

Respectfully referred to:

1/23/83

United States Senate

OFFICE OF  
THE SECRETARY OF DEFENSE

1983 JAN 28 AM 8:04

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IAW EO 13526, Section 3.5  
Date: MAY 19 2016

Malcolm Thompson

Sincerely,

With cordial best regards,

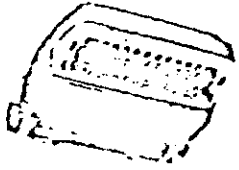
Thank you for agreeing to examine my idea concerning our balance of power with the Soviets. It is enclosed, and I invite you to submit it to the attention of the appropriate military experts if you think it merits such action.

Chic Nacht's victory was a shocker. Of course, he had a little expert help, didn't he?

The local news is full of your new appointment as G.O.P. National Chairman. All Nevadans seem quite proud, particularly me. From where I am typing I can look up on the wall and see the two autographed pics I shot of you.

Senator Paulaxalt  
United States Senate  
Washington, D. C. 20510  
Dear Senator Laxalt:

COLUMNS & ARTICLES



3849 Alio Avenue  
LAS VEGAS, NEVADA 89110  
AREA CODE 703-445-7221 x: 14  
November 9, 1982

MALCOLM THOMPSON

PHOTOJOURNALISM



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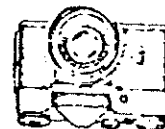
Thus, the time is at hand to outwit the Russian who is stubborn-ly intent in spending his military budget on the addition of more nuclear weapons. Instead, we should secretly switch our strategy to defense, while of course maintaining modernization of our present nuclear-strike capability.

The continuing efforts of both sides to add to their nuclear stockpile must end somewhere. If both can destroy the world two times over, what advantage will the Russians gain with a supposed ability to destroy it three times over?

It is also a fact that neither side has apparently heretofore recognized some instances, but it is a fact in our power struggle with Russia. "The best offense is the best defense." This may not be true in

### Winning The Power Struggle

PHOTOJOURNALISM



**MALCOLM THOMPSON**

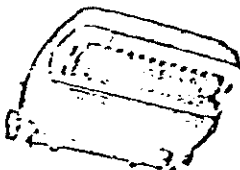
3849 Alho Avenue

LAS VEGAS, NEVADA 89115

AREA CODE: 702-452-9726

November 9, 1982

COLUMNS & ARTICLES



In such a defensive strategy, the vital question would become, not "how many weapons do you have," but "how many deliverable weapons do you have?" What good are a million cannons if they have been spiked? To elaborate, let us say that each side could presently successfully deliver 70% of its warheads to their targets. The other 30% on each side would fail due to defensive measures. Now, what would happen if we started spending most of our annual military allocation on improved defensive measures? Such action would bring the Soviet 70% deliverable down to perhaps 60% deliverable after the first year; 50% deliverable the following year; 40% deliverable the third year, etc. Obviously, if the enemy failed to match our emphasis on defensive measures we would still be capable of delivering our original 70%, while his deliverable capability would decline each year with our continually advancing defense technology.

Defensive technology against ICBM's has been sadly neglected by this nation. Some years back, Congress voted against funding an effective anti-ballistic missile system. Critics objected to having missiles installed in their vicinity, fearing it would make them a target area. With a little imagination, we can envision much more sophisticated defensive measures in the future than the present systems. What about fleets of space ships like the Columbia, armed with ballistic missiles capable of downing Russian ICBM's as they are launched?

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IAW EO 13526, Section 3.5

Office of the Secretary of Defense  
Chief, RDD, ESD, WHS  
Date: 19MAY2016 Authority: EO 13526 & 5 U.S.C. § 552  
Declassify:  Deny in Full: \_\_\_\_\_  
Declassify in Part: \_\_\_\_\_  
Reason: MDR: 13-M-4753

If this defensive strategy were applied for a period of, say, ten years, the comparable deliverable capability of the two nations would become so wide that the Soviet Union would never dare attack the United States, once they became aware of their deficiency. This strategy would not only achieve our primary goal of winning the power struggle, but it would also provide two additional advantages: provide protection for our people in the event of a nuclear holocaust, while at the same time satisfying the demands of political opponents for a nuclear freeze. Of course, adoption of such a program would have to remain "top secret." We must allow the Soviets to believe we are only preparing defenses for our ICBM launch areas, when in fact, we would be undertaking a long-range program to defend the entire nation.