

Upgrading the F-16 Block 40/42 Inventory with the Precision Location and Identification (PLAID) System

Tables 1-9 provide cost estimates for procuring PLAID on 462 F-16 Block 40/42s. Table 1 is the high-end estimate, based on a unit procurement cost of \$4 million. Table 9 is the low-end estimate, based on a unit procurement cost of \$500,000. Table 10 provides a cost estimate for procurement of 218 F/A-22s. Table 11 provides a cost estimate for procurement of 118 F/A-22s. Inflation and outlay calculations are based on the following keys:

<u>Procurement outlay rates (%)</u>		<u>Outlays deflator</u>	
FY05	27	FY05	1
FY06	55.4	FY06	1.015
FY07	8.2	FY07	1.0312
FY08	5.2	FY08	1.0488
FY09	1.5	FY09	1.0676
FY10	2.7	FY10	1.0869

		Table 1: \$4 million per unit				Budget Authority =		1,848.00
		FY05	FY06	FY07	FY08	FY09	FY10	TOTALS
Budget Outlays								
	FY 05 dollars	499.0	1023.8	151.5	96.1	27.7	49.9	1,848.0
	Current Dollars	499.0	1039.1	156.3	100.8	29.6	54.2	1,879.0

		Table 2: \$3.5 million per unit				Budget Authority =		1,617.00
		FY05	FY06	FY07	FY08	FY09	FY10	TOTALS
Budget Outlays								
	FY 05 dollars	436.6	895.8	132.6	84.1	24.3	43.7	1,617.0
	Current Dollars	436.6	909.3	136.7	88.2	25.9	47.5	1,644.1

		Table 3: \$3 million per unit				Budget Authority =		1,386.00
		FY05	FY06	FY07	FY08	FY09	FY10	TOTALS
Budget Outlays								
	FY 05 dollars	374.2	767.8	113.7	72.1	20.8	37.4	1,386.0
	Current Dollars	374.2	779.4	117.2	75.6	22.2	40.7	1,409.2

		Table 4: \$2.5 million per unit				Budget Authority =		1,155.00
		FY05	FY06	FY07	FY08	FY09	FY10	TOTALS
Budget Outlays								
	FY 05 dollars	311.9	639.9	94.7	60.1	17.3	31.2	1,155.0
	Current Dollars	311.9	649.5	97.7	63.0	18.5	33.9	1,174.4

		Table 5: \$2.25 million per unit				Budget Authority =		1,040.00
		FY05	FY06	FY07	FY08	FY09	FY10	TOTALS
Budget Outlays								
	FY 05 dollars	280.8	576.2	85.3	54.1	15.6	28.1	1,040.0
	Current Dollars	280.8	584.8	87.9	56.7	16.7	30.5	1,057.4

		Table 6: \$2 million per unit				Budget Authority =		924.00
		FY05	FY06	FY07	FY08	FY09	FY10	TOTALS
Budget Outlays								
	FY 05 dollars	249.5	511.9	75.8	48.0	13.9	24.9	924.0
	Current Dollars	249.5	519.6	78.1	50.4	14.8	27.1	939.5

Table 6: \$1.5 million per unit Budget Authority = 693.00

	FY05	FY06	FY07	FY08	FY09	FY10	TOTALS
Budget Outlays							
FY 05 dollars	187.1	383.9	56.8	36.0	10.4	18.7	693.0
Current Dollars	187.1	389.7	58.6	37.8	11.1	20.3	704.6

Table 7: \$1 million per unit Budget Authority = 462.00

	FY05	FY06	FY07	FY08	FY09	FY10	TOTALS
Budget Outlays							
FY 05 dollars	124.7	255.9	37.9	24.0	6.9	12.5	462.0
Current Dollars	124.7	259.8	39.1	25.2	7.4	13.6	469.7

Table 8: \$0.75 million per unit Budget Authority = 346.50

	FY05	FY06	FY07	FY08	FY09	FY10	TOTALS
Budget Outlays							
FY 05 dollars	93.6	192.0	28.4	18.0	5.2	9.4	346.5
Current Dollars	93.6	194.8	29.3	18.9	5.5	10.2	352.3

Table 9: \$0.5 million per unit Budget Authority = 231.00

	FY05	FY06	FY07	FY08	FY09	FY10	TOTALS
Budget Outlays							
FY 05 dollars	62.4	128.0	18.9	12.0	3.5	6.2	231.0
Current Dollars	62.4	129.9	19.5	12.6	3.7	6.8	234.9

Table 10: 218 F/A-22s Budget Authority = 26,120.00

	FY05	FY06	FY07	FY08	FY09	FY10	TOTALS
Budget Outlays							
FY 05 dollars	7052.4	14470.5	2141.8	1358.2	391.8	705.2	26,120.0
Current Dollars	7052.4	14687.5	2208.7	1424.5	418.3	766.5	26,557.9

Table 11: 118 F/A-22s Budget Authority = 14,160.00

	FY05	FY06	FY07	FY08	FY09	FY10	TOTALS
Budget Outlays							
FY 05 dollars	3823.2	7844.6	1161.1	736.3	212.4	382.3	14,160.0
Current Dollars	3823.2	7962.3	1197.3	772.3	226.8	415.5	14,397.4

