



Selected Acquisition Report (SAR)

RCS: DD-A&T(Q&A)823-746



Family of Medium Tactical Vehicles (FMTV)

As of FY 2011 President's Budget

Defense Acquisition Management
Information Retrieval
(DAMIR)

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Common Acronyms and Abbreviations for MDAP Programs

Acq O&M - Acquisition-Related Operations and Maintenance
ACAT - Acquisition Category
ADM - Acquisition Decision Memorandum
APB - Acquisition Program Baseline
APPN - Appropriation
APUC - Average Procurement Unit Cost
\$B - Billions of Dollars
BA - Budget Authority/Budget Activity
Blk - Block
BY - Base Year
CAPE - Cost Assessment and Program Evaluation
CARD - Cost Analysis Requirements Description
CDD - Capability Development Document
CLIN - Contract Line Item Number
CPD - Capability Production Document
CY - Calendar Year
DAB - Defense Acquisition Board
DAE - Defense Acquisition Executive
DAMIR - Defense Acquisition Management Information Retrieval
DoD - Department of Defense
DSN - Defense Switched Network
EMD - Engineering and Manufacturing Development
EVM - Earned Value Management
FOC - Full Operational Capability
FMS - Foreign Military Sales
FRP - Full Rate Production
FY - Fiscal Year
FYDP - Future Years Defense Program
ICE - Independent Cost Estimate
IOC - Initial Operational Capability
Inc - Increment
JROC - Joint Requirements Oversight Council
\$K - Thousands of Dollars
KPP - Key Performance Parameter
LRIP - Low Rate Initial Production
\$M - Millions of Dollars
MDA - Milestone Decision Authority
MDAP - Major Defense Acquisition Program
MILCON - Military Construction
N/A - Not Applicable
O&M - Operations and Maintenance
ORD - Operational Requirements Document
OSD - Office of the Secretary of Defense
O&S - Operating and Support
PAUC - Program Acquisition Unit Cost

PB - President's Budget
PE - Program Element
PEO - Program Executive Officer
PM - Program Manager
POE - Program Office Estimate
RDT&E - Research, Development, Test, and Evaluation
SAR - Selected Acquisition Report
SCP - Service Cost Position
TBD - To Be Determined
TY - Then Year
UCR - Unit Cost Reporting
U.S. - United States
USD(AT&L) - Under Secretary of Defense (Acquisition, Technology and Logistics)

Program Information

Program Name

Family of Medium Tactical Vehicles (FMTV)

DoD Component

Army

Responsible Office

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Assigned: August 7, 2009

References

SAR Baseline (Production Estimate)

Army Acquisition Executive (AAE) Approved Acquisition Program Baseline (APB) dated September 11, 1995

Approved APB

Army Acquisition Executive (AAE) Approved Acquisition Program Baseline (APB) dated May 25, 2003

Mission and Description

The Family of Medium Tactical Vehicles (FMTV) is a complete series of trucks based on a common chassis, varied by payload and mission. The Light Medium Tactical Vehicle (LMTV) has a 2-1/2 ton capacity consisting of cargo and van models. The Medium Tactical Vehicle (MTV) has a 5-ton capacity and consists of cargo, tractor, van, wrecker, load handling system and dump truck models. Subvariants provide air drop capability for contingency and rapid deployment operations. Over 80% commonality of parts between variants significantly reduces operational and support costs. The FMTV is intended to replace obsolete and maintenance-intensive trucks currently in the fleet and performs local and line haul, unit mobility, unit resupply, and other missions in combat, combat support, and combat service support units. The system is designed to be rapidly deployable worldwide and operate on primary and secondary roads, trails, and cross-country terrain, in all climatic conditions. The FMTV A1P2 is the configuration currently in production. These new vehicles designated A1P2 LTAS FMTV will be manufactured to adhere to the US Army Long Term Armor Strategy (LTAS) configuration, which is designed to accept an adaptable armor system, allowing protection to be increased or decreased based on specific threat levels encountered in theater.

Executive Summary

The Long Term Armor Strategy (LTAS) cab configuration, with B-Kit, was introduced into the existing production contract with BAE Tactical Vehicle Systems in March 2008, creating the A1P2 model of the FMTV. The first A1P2 vehicles were fielded to Ft. Polk in May 2009, with the first theater shipment in the fourth quarter of FY2009.

A sole source award was made to BAE Tactical Vehicle Systems for FMTV A1P2s in May 2008, followed by the exercise of an option. Of the 20,000 total vehicles (trucks plus trailers) that could be procured under the Bridge contract, all deliveries will be complete as of December 2010.

A five-year competitive requirements-type contract was awarded to Oshkosh Trucks in August 2009. The incumbent FMTV producer, BAE Systems, and Navistar filed protests with the Government Accountability Office (GAO). On December 14, 2009, the GAO issued its decision sustaining portions of Navistar Defense, LLC and BAE Systems protests. In view of the GAO's recommendations, the Army will re-evaluate the offeror's proposals within the scope of the GAO recommendations.

As of December 31, 2009, 43,923 trucks (of which 20,687 are FMTV A1Rs and 803 are FMTV Bridge) and 10,073 trailers are in field units. Upcoming fieldings are at various Army National Guard, United States Army Training and Doctrine Command (TRADOC) and Reserve units.

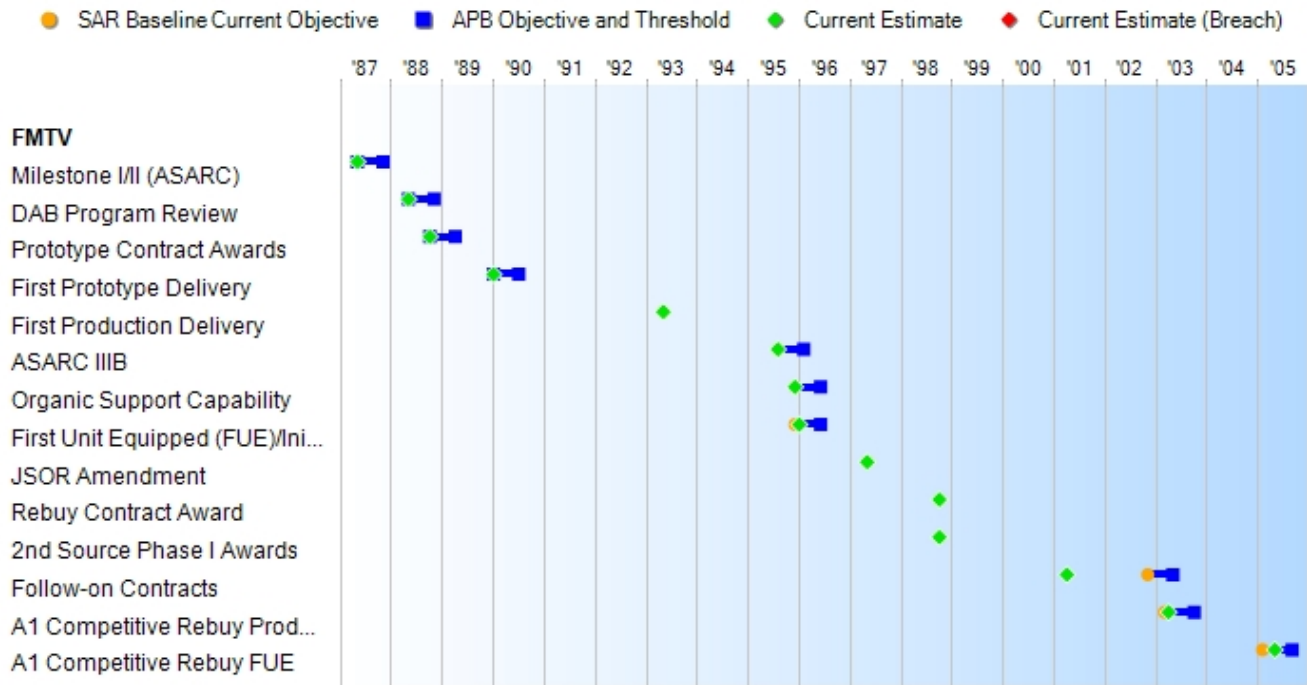
The FMTV program consists of trucks and trailers. The quantity reflects trucks only, which are the official unit of measure for the program.

There are no significant software-related issues with this program at this time.

Threshold Breaches

APB Breaches		Explanation of Breach
Schedule	<input type="checkbox"/>	The RDT&E breach was previously reported in December 2006 and December 2007 SARs. Significant congressional adds of \$11.8 million in FY2005, \$16.9 million in FY2006, \$11.1 million in FY2007, and \$4.4 million in FY2008 in RDT&E funding have caused the FMTV program to deviate from its approved Acquisition Program Baseline (APB) total RDT&E cost. In addition, increases have occurred since RDT&E has been extended an additional two years, and funding has been added for Armor Tech insertion. The FMTV program has congressional support in the continued modernization of the Army's medium truck fleet through advancements in technical insertions. The PM's current estimate of total RDT&E cost is now \$172 million (BY96 \$), which is over the approved APB RDT&E cost threshold of \$154.2 million (BY96\$). This deviation is not the result of a management failure and is indeed an indication of program success that Congress continues to add money to the program. This deviation does not affect the program's daily operations.
Performance	<input type="checkbox"/>	
Cost	<input checked="" type="checkbox"/>	
RDT&E	<input checked="" type="checkbox"/>	
Procurement	<input type="checkbox"/>	
MILCON	<input type="checkbox"/>	
Acq O&M	<input type="checkbox"/>	
O&S Cost	<input type="checkbox"/>	
Unit Cost	<input type="checkbox"/>	
PAUC	<input type="checkbox"/>	
APUC	<input type="checkbox"/>	
Nunn-McCurdy Breaches		
Current UCR Baseline		
PAUC	None	
APUC	None	
Original UCR Baseline		
PAUC	None	
APUC	None	

Schedule



Schedule Events				
Events	SAR Baseline Production Estimate	Current APB Production Objective/Threshold		Current Estimate
Milestone I/II (ASARC)	May 1987	May 1987	Nov 1987	May 1987
DAB Program Review	May 1988	May 1988	Nov 1988	May 1988
Prototype Contract Awards	Oct 1988	Oct 1988	Apr 1989	Oct 1988
First Prototype Delivery	Jan 1990	Jan 1990	Jul 1990	Jan 1990
First Production Delivery	May 1993	N/A	N/A	May 1993
ASARC IIIB	Aug 1995	Aug 1995	Feb 1996	Aug 1995
Organic Support Capability	Dec 1995	Dec 1995	Jun 1996	Dec 1995
First Unit Equipped (FUE)/Initial Operational Capability (IOC)-FMTV	Dec 1995	Dec 1995	Jun 1996	Jan 1996
JSOR Amendment	N/A	May 1997	May 1997	May 1997
Rebuy Contract Award	N/A	Oct 1998	Oct 1998	Oct 1998
2nd Source Phase I Awards	N/A	Oct 1998	Oct 1998	Oct 1998
Follow-on Contracts	N/A	Nov 2002	May 2003	Apr 2001
A1 Competitive Rebuy Production Contract Award	N/A	Mar 2003	Oct 2003	Apr 2003
A1 Competitive Rebuy FUE	N/A	Feb 2005	Sep 2005	May 2005

Change Explanations

None

Acronyms and Abbreviations

ASARC - Army Systems Acquisition Review Council

DAB - Defense Acquisition Board

JSOR - Joint Service Operational Requirement

Performance

Performance Characteristics					
SAR Baseline Production Estimate	Current APB Production Objective/Threshold			Demonstrated Performance	Current Estimate
Highway Speed on 2% Grade at GVW (mph)					
55	55	55	55	54.8	55
Highway Speed on 3% Grade at GVW (mph)					
45	45	45	45	48.7	45
Highway Speed on 2% Grade at GCW (mph)					
40	40	40	40	45.5	40
Highway Speed on 3% Grade at GCW (mph)					
30	30	30	30	35.8	30
LMTV Payload (tons)					
2.5	3.5	2.5	2.5	2.5	2.5 (Ch-1)
MTV Payload (tons)					
5	8	5	5	5	5 (Ch-2)
LHS Payload (tons)					
N/A	8.5	7.5	7.5	8.8	8.5
Dump truck Payload (tons)					
N/A	10	8	8	10	10
LMTV Towed Load (lbs)					
7500	12000	12000	12000	7500	12000
MTV Towed Load (lbs)					
21000	21000	21000	21000	21000	21000
Longitudinal Grade Operation (%)					
60	60	60	60	60	60
Slide Slope Operation (%)					
30	30	30	30	30	30
Fording Without Kit (inches)					
30	48	30	30	30	48
Fording With Kit (inches)					
60	N/A	N/A	N/A	N/A	N/A ¹
Operating Range on Integral Fuel at GCW (miles)					
300	300	300	300	300	300
Reliability:					

MMBHMF (miles)				
Truck, Cargo (LMTV)				
3000	10000	10000	12000	10000
Truck, Cargo (MTV)				
2700	10000	10000	12000	10000
Tractor				
3300	3800	3800	4800	3800
Wrecker				
2300	2800	2800	4800	2800
Trailer (LMTV)				
2800	12000	12000	5000	12000
Trailer (MTV)				
2600	12000	12000	5000	12000
MMBOMF (miles)				
Truck, Cargo (LMTV)				
2228	2200	2200	>8279	2200
Truck, Cargo (MTV)				
2035	2000	2000	6386	2000
Tractor				
2480	2500	2500	3606	2500
Wrecker				
1875	1900	1900	4720	1900
Trailer (LMTV)				
2056	2100	2100	5000	2100
Trailer (MTV)				
1913	1900	1900	5000	1900
MMHPOM				
Truck, Cargo (LMTV)				
.01	.002	.004	.0037	.002
Truck, Cargo (MTV)				
.011	.003	.006	.0048	.003
Tractor				
.012	.0028	.0055	.0062	.0028
Wrecker				
.015	.0032	.0064	.0069	.0032
Trailer (LMTV)				
.003	.0007	.0014	.0003	.0007
Trailer (MTV)				

.003	.0005	.001	.0006	.0005	
Transportability:					
Surface Transportation (H,S&R)					
H, S&R	H,S&R	H,S&R	H,S&R	H,S&R	
Air Transportation (LMTV)					
C-141	N/A	N/A	C-130	C-130	(Ch-3)
Air Transportation (MTV)					
N/A	C-141, C-130, C-5, C-17	C-141, C-130, C-5, C-17	C-130,C-5,C-17	C-130,C-5,C-17	(Ch-4)
Mobility: (vehicle cone index)					
Truck Cargo					
25	25	25	25	25	
Truck & Trailer Combination					
35	35	35	30	35	

¹ APB Breach

Requirements Reference

Operational Requirements Document (ORD) dated March 25, 2003

Change Explanations

- (Ch-1) Changed Current Estimate value LMTV Payload from 3.5 to 2.5 Tons
- (Ch-2) Changed Current Estimate value MTV Payload from 8 to 5 Tons
- (Ch-3) Changed current and demonstrated estimate for LMTV Transportation from C-141 to C-130. The C-141 has been decommissioned as of May 2006
- (Ch-4) Changed current and demonstrated estimate for MTV Transportation from C-130 to C-130,C-5,C-17. C-5 and C-17 have been added as these accommodate the FMTV wrecker.

Notes

Current Estimate values reflect technical objectives of the FMTV Operational Requirements Document (ORD) configuration which are outlined in the FMTV Aquisition Program Baseline (APB), approved March 25, 2003. Demonstrated performance values reflect older FMTV A1 Production Verification Test (PVT) results. The FMTV Capability Production Document (CPD) is currently in worldwide staffing. When the newest configuration, the FMTV A1P2 has completed testing, the demonstrated values will be reassessed .

Acronyms and Abbreviations

GCW - Gross Combined Weight

GVW - Gross Vehicle Weight

H,S&R - Highway, Ship and Rail

lbs - pounds

LHS - Load Handling System

LMTV - Light Medium Tactical Vehicle

MMBHMf - Mean Miles Between Hardware Mission Failure

MMBOMf - Mean Miles Between Operational Mission Failure

MMHPOM - Maintenance Man hours/Operating Mile (Unit Level)

mph - miles per hour

MTV - Medium Tactical Vehicle

Track to Budget

RDT&E

Appn	BA	PE
Army	2040	05 0604604A
	Project	Name
	DH07	Family of Medium Tactical Vehicles (Shared)
	Notes: Project DH07	

Procurement

Appn	BA	PE
Army	2035	01 0604604A
	Line Item	Name
	D15500	Family Of Medium Tactical Vehicles
	DS1010	Initial Spares (Sunk)
	DV0310	Fielding Support (Sunk)
	DV0320	Project Management Support (Sunk)

Cost and Funding

Cost Summary

Total Acquisition Cost							
Appropriation	BY 1996 \$M			BY 1996 \$M	TY \$M		
	SAR Baseline Production Estimate	Current APB Production Objective/Threshold		Current Estimate	SAR Baseline Production Estimate	Current APB Production Objective	Current Estimate
RDT&E	121.8	134.1	154.2	172.0 ¹	115.6	129.6	176.1
Procurement	11472.4	14890.6	17124.2	16474.8	18805.7	19526.5	20450.5
Flyaway	--	--	--	15762.1	--	--	19583.2
Recurring	--	--	--	14722.9	--	--	18302.0
Non Recurring	--	--	--	1039.2	--	--	1281.2
Support	--	--	--	712.7	--	--	867.3
Other Support	--	--	--	696.7	--	--	847.3
Initial Spares	--	--	--	16.0	--	--	20.0
MILCON	0.0	0.0	--	0.0	0.0	0.0	0.0
Acq O&M	0.0	0.0	--	0.0	0.0	0.0	0.0
Total	11594.2	15024.7	N/A	16646.8	18921.3	19656.1	20626.6

¹ APB Breach

Total Quantity			
Quantity	SAR Baseline Production Estimate	Current APB Production	Current Estimate
RDT&E		0	0
Procurement		85488	83185
Total		85488	83185

Quantity Notes

The FMTV program consists of trucks and trailers. The quantity reflects trucks only, which are the official unit of measure for the program.

Cost and Funding

Funding Summary

Appropriation Summary									
FY 2011 President's Budget / December 2009 SAR (TY\$ M)									
Appropriation	Prior	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Complete	Total
RDT&E	149.9	4.7	2.7	4.7	4.7	4.7	4.7	0.0	176.1
Procurement	12283.2	1359.6	1434.5	408.4	396.9	486.2	381.2	3700.5	20450.5
MILCON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acq O&M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PB 2011 Total	12433.1	1364.3	1437.2	413.1	401.6	490.9	385.9	3700.5	20626.6
PB 2009 Total	12518.5	1766.4	1016.7	1126.7	861.1	360.6	351.2	2675.2	20676.4
Delta	-85.4	-402.1	420.5	-713.6	-459.5	130.3	34.7	1025.3	-49.8

Quantity Summary										
FY 2011 President's Budget / December 2009 SAR (TY\$ M)										
Quantity	Undistributed	Prior	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Complete	Total
Development	0	0	0	0	0	0	0	0	0	0
Production	0	60440	4349	4651	1118	812	1229	916	9670	83185
PB 2011 Total	0	60440	4349	4651	1118	812	1229	916	9670	83185
PB 2009 Total	0	59152	6266	3752	4065	3248	747	747	5208	83185
Delta	0	1288	-1917	899	-2947	-2436	482	169	4462	0

Cost and Funding

Annual Funding By Appropriation

Annual Funding							
2040 RDT&E Research, Development, Test, and Evaluation, Army							
Fiscal Year	Quantity	TY \$M					
		End Item Recurring Flyaway	Non End Item Recurring Flyaway	Non Recurring Flyaway	Total Flyaway	Total Support	Total Program
1988	--	--	--	--	--	--	9.8
1989	--	--	--	--	--	--	27.0
1990	--	--	--	--	--	--	19.5
1991	--	--	--	--	--	--	9.8
1992	--	--	--	--	--	--	10.9
1993	--	--	--	--	--	--	0.7
1994	--	--	--	--	--	--	7.2
1995	--	--	--	--	--	--	4.3
1996	--	--	--	--	--	--	1.5
1997	--	--	--	--	--	--	--
1998	--	--	--	--	--	--	--
1999	--	--	--	--	--	--	--
2000	--	--	--	--	--	--	1.9
2001	--	--	--	--	--	--	2.0
2002	--	--	--	--	--	--	1.9
2003	--	--	--	--	--	--	3.6
2004	--	--	--	--	--	--	4.4
2005	--	--	--	--	--	--	12.5
2006	--	--	--	--	--	--	13.6
2007	--	--	--	--	--	--	12.5
2008	--	--	--	--	--	--	4.6
2009	--	--	--	--	--	--	2.2
2010	--	--	--	--	--	--	4.7
2011	--	--	--	--	--	--	2.7
2012	--	--	--	--	--	--	4.7
2013	--	--	--	--	--	--	4.7
2014	--	--	--	--	--	--	4.7
2015	--	--	--	--	--	--	4.7
Subtotal	--	--	--	--	--	--	176.1

Annual Funding 2040 RDT&E Research, Development, Test, and Evaluation, Army							
Fiscal Year	Quantity	BY 1996 \$M					
		End Item Recurring Flyaway	Non End Item Recurring Flyaway	Non Recurring Flyaway	Total Flyaway	Total Support	Total Program
1988	--	--	--	--	--	--	12.0
1989	--	--	--	--	--	--	31.8
1990	--	--	--	--	--	--	22.1
1991	--	--	--	--	--	--	10.7
1992	--	--	--	--	--	--	11.6
1993	--	--	--	--	--	--	0.7
1994	--	--	--	--	--	--	7.4
1995	--	--	--	--	--	--	4.3
1996	--	--	--	--	--	--	1.5
1997	--	--	--	--	--	--	--
1998	--	--	--	--	--	--	--
1999	--	--	--	--	--	--	--
2000	--	--	--	--	--	--	1.8
2001	--	--	--	--	--	--	1.9
2002	--	--	--	--	--	--	1.7
2003	--	--	--	--	--	--	3.3
2004	--	--	--	--	--	--	3.9
2005	--	--	--	--	--	--	10.7
2006	--	--	--	--	--	--	11.3
2007	--	--	--	--	--	--	10.2
2008	--	--	--	--	--	--	3.7
2009	--	--	--	--	--	--	1.7
2010	--	--	--	--	--	--	3.7
2011	--	--	--	--	--	--	2.1
2012	--	--	--	--	--	--	3.6
2013	--	--	--	--	--	--	3.5
2014	--	--	--	--	--	--	3.4
2015	--	--	--	--	--	--	3.4
Subtotal	--	--	--	--	--	--	172.0

Annual Funding							
2035 Procurement Other Procurement, Army							
Fiscal Year	Quantity	TY \$M					
		End Item Recurring Flyaway	Non End Item Recurring Flyaway	Non Recurring Flyaway	Total Flyaway	Total Support	Total Program
1991	394	52.1	--	18.8	70.9	5.3	76.2
1992	1301	147.7	--	9.5	157.2	22.9	180.1
1993	2008	234.2	--	11.9	246.1	11.2	257.3
1994	183	31.1	--	2.6	33.7	6.1	39.8
1995	3351	358.9	--	12.0	370.9	9.3	380.2
1996	825	106.2	--	47.8	154.0	13.2	167.2
1997	1821	219.9	--	5.9	225.8	12.4	238.2
1998	1346	170.9	--	48.1	219.0	10.0	229.0
1999	1439	297.5	--	28.3	325.8	9.9	335.7
2000	1930	368.8	--	29.0	397.8	21.9	419.7
2001	2296	405.9	--	40.9	446.8	10.9	457.7
2002	2404	408.8	--	37.4	446.2	13.6	459.8
2003	3257	577.1	--	50.3	627.4	33.3	660.7
2004	1829	285.7	--	36.2	321.9	40.9	362.8
2005	6167	988.7	--	60.0	1048.7	37.9	1086.6
2006	6116	926.8	--	42.1	968.9	29.3	998.2
2007	14911	2989.3	--	45.0	3034.3	80.6	3114.9
2008	6863	1854.6	--	47.4	1902.0	254.9	2156.9
2009	1999	553.5	--	79.3	632.8	29.4	662.2
2010	4349	1242.0	--	83.4	1325.4	34.2	1359.6
2011	4651	1325.0	--	79.1	1404.1	30.4	1434.5
2012	1118	316.9	--	68.4	385.3	23.1	408.4
2013	812	311.4	--	69.6	381.0	15.9	396.9
2014	1229	418.2	--	55.9	474.1	12.1	486.2
2015	916	308.5	--	57.0	365.5	15.7	381.2
2016	2103	727.9	--	58.1	786.0	12.8	798.8
2017	2113	744.3	--	59.1	803.4	18.3	821.7
2018	5454	1930.1	--	60.3	1990.4	19.1	2009.5
2019	--	--	--	37.8	37.8	32.7	70.5
Subtotal	83185	18302.0	--	1281.2	19583.2	867.3	20450.5

Annual Funding 2035 Procurement Other Procurement, Army							
Fiscal Year	Quantity	BY 1996 \$M					
		End Item Recurring Flyaway	Non End Item Recurring Flyaway	Non Recurring Flyaway	Total Flyaway	Total Support	Total Program
1991	394	55.4	--	20.1	75.5	5.6	81.1
1992	1301	153.9	--	9.9	163.8	23.8	187.6
1993	2008	239.1	--	12.2	251.3	11.4	262.7
1994	183	31.3	--	2.6	33.9	6.2	40.1
1995	3351	354.5	--	11.8	366.3	9.2	375.5
1996	825	103.9	--	46.8	150.7	12.9	163.6
1997	1821	212.7	--	5.7	218.4	12.0	230.4
1998	1346	163.7	--	46.1	209.8	9.6	219.4
1999	1439	281.8	--	26.8	308.6	9.4	318.0
2000	1930	345.5	--	27.1	372.6	20.5	393.1
2001	2296	375.5	--	37.9	413.4	10.1	423.5
2002	2404	373.2	--	34.2	407.4	12.4	419.8
2003	3257	517.9	--	45.2	563.1	29.9	593.0
2004	1829	250.4	--	31.7	282.1	35.8	317.9
2005	6167	842.4	--	51.1	893.5	32.3	925.8
2006	6116	769.3	--	35.0	804.3	24.3	828.6
2007	14911	2423.3	--	36.5	2459.8	65.3	2525.1
2008	6863	1479.0	--	37.8	1516.8	203.3	1720.1
2009	1999	436.3	--	62.5	498.8	23.1	521.9
2010	4349	965.9	--	64.9	1030.8	26.6	1057.4
2011	4651	1014.0	--	60.7	1074.7	23.2	1097.9
2012	1118	238.5	--	51.5	290.0	17.4	307.4
2013	812	230.5	--	51.4	281.9	11.8	293.7
2014	1229	304.3	--	40.7	345.0	8.8	353.8
2015	916	220.7	--	40.9	261.6	11.2	272.8
2016	2103	512.1	--	40.9	553.0	9.0	562.0
2017	2113	514.9	--	40.9	555.8	12.7	568.5
2018	5454	1312.9	--	41.0	1353.9	13.0	1366.9
2019	--	--	--	25.3	25.3	21.9	47.2
Subtotal	83185	14722.9	--	1039.2	15762.1	712.7	16474.8

Low Rate Initial Production

Item	Initial LRIP Decision	Current Total LRIP
Approval Date	9/30/1991	9/30/1991
Approved Quantity	2583	2583
Reference	Milestone III Army Systems Acquisition Review Council (ASARC)	Milestone III Army Systems Acquisition Review Council (ASARC)
Start Year	1991	1991
End Year	1995	1995

Foreign Military Sales

Country	Date of Sale	Quantity	Total Cost \$M	Description
Afghanistan		14	4.3	
Canada		2	0.3	
Djibouti		3	0.7	
Greece		4	0.6	
Iraq		49	5.5	
Jordan		100	16.8	
Macedonia		5	0.7	
Saudi Arabia		99	13.5	
Singapore		18	6.5	
Taiwan		3	0.4	
Thailand		117	22.8	
United Arab Emirates		43	14.5	

Notes

FMTV Foreign Military Sales through December 31, 2009.

There are various dates of sale for each country listed above. For that reason the date of sale column is left blank.

Nuclear Costs

None

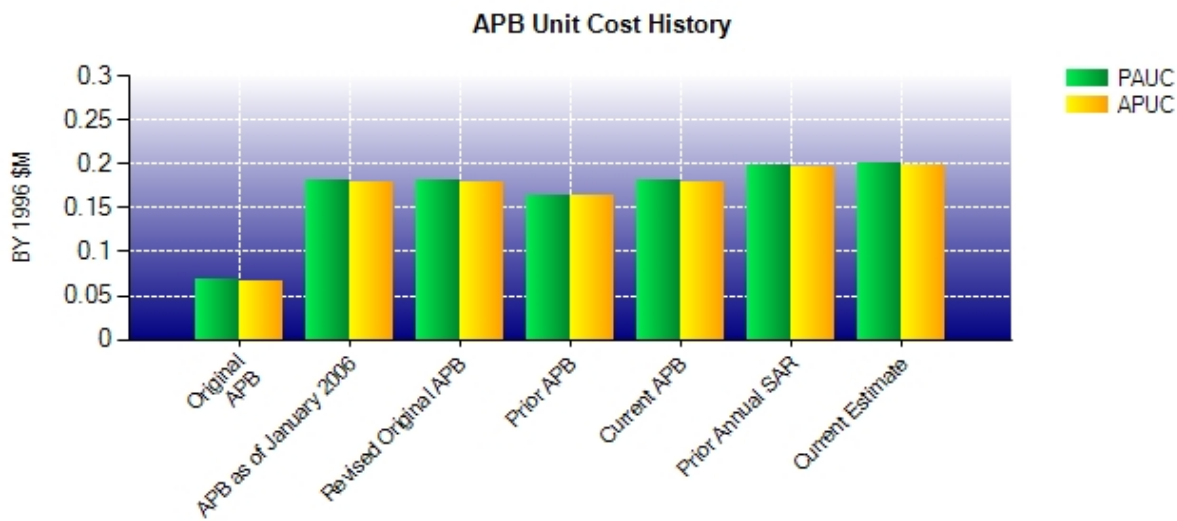
Unit Cost

Unit Cost Report

Item	BY 1996 \$M	BY 1996 \$M	% Change
	Current UCR Baseline (May 2003 APB)	Current Estimate (Dec 2009 SAR)	
Program Acquisition Unit Cost			
Cost	15024.7	16646.8	
Quantity	83185	83185	
Item	0.181	0.200	+10.50
Average Procurement Unit Cost			
Cost	14890.6	16474.8	
Quantity	83185	83185	
Unit Cost	0.179	0.198	+10.61

Item	BY 1996 \$M	BY 1996 \$M	% Change
	Revised Original UCR Baseline (May 2003 APB)	Current Estimate (Dec 2009 SAR)	
Program Acquisition Unit Cost			
Cost	15024.7	16646.8	
Quantity	83185	83185	
Unit Cost	0.181	0.200	+10.50
Average Procurement Unit Cost			
Cost	14890.6	16474.8	
Quantity	83185	83185	
Unit Cost	0.179	0.198	+10.61

Unit Cost History



Item	Date	BY 1996 \$M		TY \$M	
		PAUC	APUC	PAUC	APUC
Original APB	Oct 1988	0.068	0.067	0.072	0.072
APB as of January 2006	May 2003	0.181	0.179	0.236	0.235
Revised Original APB	May 2003	0.181	0.179	0.236	0.235
Prior APB	Oct 1999	0.164	0.163	0.212	0.210
Current APB	May 2003	0.181	0.179	0.236	0.235
Prior Annual SAR	Dec 2007	0.199	0.197	0.249	0.247
Current Estimate	Dec 2009	0.200	0.198	0.248	0.246

SAR Unit Cost History

Current SAR Baseline to Current Estimate (TY \$M)									
Initial PAUC Production Estimate	Changes								PAUC Current Estimate
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
0.221	-0.033	-0.001	-0.020	0.037	0.048	0.000	-0.003	0.027	0.248

Current SAR Baseline to Current Estimate (TY \$M)									
Initial APUC Production Estimate	Changes								APUC Current Estimate
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
0.220	-0.033	-0.001	-0.020	0.036	0.047	0.000	-0.003	0.026	0.246

SAR Baseline History				
Item	SAR Planning Estimate	SAR Development Estimate	SAR Production Estimate	Current Estimate
Milestone I	N/A	Aug 1987	N/A	N/A
Milestone II	N/A	Aug 1987	May 1987	May 1987
Milestone III	N/A	Mar 1993	N/A	N/A
IOC	N/A	Apr 1993	Dec 1995	Jan 1996
Total Cost (TY \$M)	N/A	8568.6	18921.3	20626.6
Total Quantity	N/A	119542	85488	83185
PAUC	N/A	0.072	0.221	0.248

Cost Variance

Summary TY \$M				
Item	RDT&E	Procurement	MILCON	Total
SAR Baseline (Production Estimate)	115.6	18805.7	--	18921.3
Previous Changes				
Economic	-0.9	-2524.6	--	-2525.5
Quantity	--	-597.8	--	-597.8
Schedule	+1.5	-1731.4	--	-1729.9
Engineering	+22.5	+3007.8	--	+3030.3
Estimating	+20.2	+3431.0	--	+3451.2
Other	--	--	--	--
Support	--	+126.8	--	+126.8
Subtotal	+43.3	+1711.8	--	+1755.1
Current Changes				
Economic	-0.1	-258.3	--	-258.4
Quantity	--	--	--	--
Schedule	--	+44.1	--	+44.1
Engineering	+17.3	--	--	+17.3
Estimating	--	+504.3	--	+504.3
Other	--	--	--	--
Support	--	-357.1	--	-357.1
Subtotal	+17.2	-67.0	--	-49.8
Total Changes	+60.5	+1644.8	--	+1705.3
Current Estimate	176.1	20450.5	--	20626.6

Summary BY 1996 \$M				
Item	RDT&E	Procurement	MILCON	Total
SAR Baseline (Production Estimate)	121.8	11472.4	--	11594.2
Previous Changes				
Economic	--	--	--	--
Quantity	--	-97.2	--	-97.2
Schedule	+0.2	+42.6	--	+42.8
Engineering	+21.7	+2194.6	--	+2216.3
Estimating	+15.4	+2543.2	--	+2558.6
Other	--	--	--	--
Support	--	+201.9	--	+201.9
Subtotal	+37.3	+4885.1	--	+4922.4
Current Changes				
Economic	--	--	--	--
Quantity	--	--	--	--
Schedule	--	--	--	--
Engineering	+12.9	--	--	+12.9
Estimating	--	+401.8	--	+401.8
Other	--	--	--	--
Support	--	-284.5	--	-284.5
Subtotal	+12.9	+117.3	--	+130.2
Total Changes	+50.2	+5002.4	--	+5052.6
Current Estimate	172.0	16474.8	--	16646.8

Previous Estimate: December 2007

RDT&E	\$M	
Current Change Explanations	Base Year	Then Year
Revised escalation indices. (Economic)	N/A	-0.1
Increase in funds due to Armor Tech Insertion. (Engineering)	+9.5	+12.9
Increase in funds due to extension in Development program. (Engineering)	+1.9	+2.6
Increase due to Technologies & Enhancements Development. (Engineering)	+1.5	+1.8
RDT&E Subtotal	+12.9	+17.2

Procurement	\$M	
Current Change Explanations	Base Year	Then Year
Revised escalation indices. (Economic)	N/A	-258.3
Stretch-out of procurement buy profile. (Schedule)	0.0	+44.1
Adjustment for current and prior escalation. (Estimating)	+31.7	+40.8
Decrease in non-recurring costs (program management, non-recurring testing, and inhouse and contractor engineering) to reflect the early completion of the program. (Estimating)	-76.4	-129.9
Change acquisition strategy from a multiyear contract to a requirements contract. (Estimating)	+377.0	+510.8
Increase in cost due to model mix change. (Estimating) (QR)	+68.0	+80.7
Adjustment for current and prior escalation. (Support)	+1.3	+1.6
Decrease in Other Support as a result of early completion of the program. (Support)	-300.1	-376.6
Increase in Initial Spares requirements. (Support)	+15.8	+19.8
Correction to align support and flyaway. (Subtotal)	0.0	0.0
(Estimating)	(+1.5)	(+1.9)
(Support)	(-1.5)	(-1.9)
Procurement Subtotal	+117.3	-67.0

(QR) Quantity Related

Contracts

Contract Identification

Appropriation: Procurement
Contract Name: FMTV
Contractor: Stewart & Stevenson Svcs.
Contractor Location: Houston, TX 77474-9506
Contract Number: DAAE07-03-C-S023
Contract Type: Firm Fixed Price (FFP), Cost Plus Fixed Fee (CPFF)
Award Date: April 17, 2003
Definitization Date: April 17, 2003

Contract Price							
Initial Contract Price (\$M)			Current Contract Price (\$M)			Estimated Price At Completion (\$M)	
Target	Ceiling	Qty	Target	Ceiling	Qty	Contractor	Program Manager
1189.5	N/A	7063	3644.3	N/A	21240	3644.3	3644.3

Cost and Schedule Variance Explanations

Cost and Schedule Variance reporting is not required on this (FFP/CPFF) contract.

General Contract Variance Explanation

Cost and schedule variance reporting is not required on this firm fixed price contract.

Notes

Increase in target cost over time is due to increases in both quantities and scope. Total truck quantity procured on the S023 contract as of January 31, 2009 is:

Direct Army	17,393
National Guard	2,432
Air Force	463
Army Reserve	274
Navy/USMC	46
FMS	134
Other	498
TOTAL	21,240

The FMTV program consists of trucks and trailers. The quantity reflects trucks only, which are the official unit of measure for the program.

Contract Identification

Appropriation: Procurement
Contract Name: FMTV
Contractor: BAE Systems
Contractor Location: Houston, TX 77474-9506
Contract Number: W56HZV-08-C-0460
Contract Type: Firm Fixed Price (FFP), Cost Plus Fixed Fee (CPFF)
Award Date: May 01, 2008
Definitization Date: May 01, 2008

Contract Price							
Initial Contract Price (\$M)			Current Contract Price (\$M)			Estimated Price At Completion (\$M)	
Target	Ceiling	Qty	Target	Ceiling	Qty	Contractor	Program Manager
3400.0	N/A	15901	4024.5	N/A	15901	4024.5	4024.5

Cost and Schedule Variance Explanations

Cost and Schedule Variance reporting is not required on this (FFP/CPFF) contract.

General Contract Variance Explanation

Cost and schedule variance reporting is not required on this firm fixed price contract.

Notes

Total truck quantity procured on the 0460 contract as of January 31, 2009 is:
 Direct Army 15,639
 National Guard
 Air Force
 Army Reserve
 Navy/USMC
 FMS 23
 Other 239
 TOTAL 15,901

This is the first time this contract is being reported.

Deliveries and Expenditures

Deliveries				
Delivered to Date	Planned to Date	Actual to Date	Total Quantity	Percent Delivered
Development	0	0	0	--
Production	51956	51435	83185	61.83%
Total Program Quantity Delivered	51956	51435	83185	61.83%

Expended and Appropriated (TY \$M)			
Total Acquisition Cost	20626.6	Years Appropriated	23
Expended to Date	7628.0	Percent Years Appropriated	71.88%
Percent Expended	36.98%	Appropriated to Date	13797.4
Total Funding Years	32	Percent Appropriated	66.89%

Delivery refers to the number of Army trucks accepted as of December 31, 2009.

Operating and Support Cost

Assumptions and Ground Rules

The average miles/vehicle/year is 1,543 miles for the Light Medium Tactical Vehicle (LMTV) truck and 1,432 miles for the Medium Tactical Vehicle (MTV) truck. The average years of operation (useful life) is 20 years. There will be 37,187 LMTVs and 41,964 MTVs operating of the total 83,185.

The standard unit of measure for this program (i.e., the quantity of trucks only with trailer costs amortized proportionally against the truck quantities) has been used in developing the O&S costs reported below. These costs are based on a validated cost estimate, dated June 2009.

Cost Estimate Reference:

None

Sustainment Strategy:

None

Antecedent Information:

None

Unitized O&S Costs BY1996 \$K			
Cost Element	FMTV Avg. Annual Cost Per LMTV	FMTV (Antecedent) Avg. Annual Cost Per MTV	
Mission Pay & Allowance	4.400	6.900	
Unit Level Consumption	2.400	3.200	
Intermediate Maintenance	0.000	0.000	
Depot Maintenance	0.000	0.000	
Contractor Support	0.000	0.000	
Sustaining Support	0.000	0.000	
Indirect	0.900	1.400	
Other	--	--	
Total	7.700	11.500	

Unitized Cost Comments:

None

Item	Total O&S Cost \$M			
	FMTV			FMTV (Antecedent)
	Current Production APB Objective/Threshold	Current Estimate		
Base Year	11258.3	13510.0	5726.8	9651.7
Then Year	17180.5	N/A	10263.6	17373.1

Total O&S Cost Comment

None

Disposal Estimate Details

Date of Estimate:

Source of Estimate:

Disposal/Demilitarization Total Cost (BY 1996 \$M):