Selected Acquisition Report (SAR)

RCS: DD-A&T(Q&A)823-299

STRYKER

As of December 31, 2010

Defense Acquisition Management
Information Retrieval
(DAMIR)

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Program Information

Designation And Nomenclature (Popular Name)

Stryker Family of Vehicles (Stryker)

DoD Component

Army

Responsible Office

Responsible Office

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Date Assigned July 25, 2007

References

SAR Baseline (Production Estimate)

Defense Acquisition Executive (DAE) Approved Acquisition Program Baseline (APB) dated March 04, 2004

Approved APB

DAE Approved Acquisition Program Baseline (APB) dated March 4, 2004

Mission and Description

Mission: The Stryker Family of Vehicles is air transportable in a C-130 aircraft, capable of immediate employment upon arrival in the area of operations, and maximizes commonality among variants. The Stryker Brigade Combat Team (SBCT) provides an immediate improvement in national, conventional deterrence by establishing the capability to place a credible combat force on the ground anywhere in the world within 96 hours from liftoff. The SBCT is a self-contained organization, which enhances strategic responsiveness by providing a base unit that is fully mobile and completely air deployable by C-130 tactical lift aircraft. It is a force which is essential in providing the strategic responsiveness and full spectrum versatility demanded by the National Military Strategy.

System Description: The Stryker Family of Vehicles is comprised of 10 configurations:

(1) Infantry Carrier Vehicle (ICV) - The SBCT mission, based on decisive action through dismounted infantry assault, mandates an ICV capability to rapidly deploy an overmatching infantry force anywhere on the battlefield.

(2) Reconnaissance Vehicle (RV) -The principal function of the RV configuration is to provide an effective platform to enable the RSTA (Reconnaissance, Surveillance, Target Acquisition) Squadron and battalion scouts to perform reconnaissance and surveillance operations.

(3) Mortar Carrier (MC) - The MC provides immediate, responsive fire support to the SBCT in the conduct of fast paced offensive operations. These immediate, on-demand fires are critical to the ability of dismounted infantry to rapidly achieve decisive results.

(4) Commander's Vehicle (CV) -The CV provides an operational platform for selected elements of command within the SBCT. Commanders must have the capability to see and direct the battle continuously, maintaining the Common Relevant Operating Picture (CROP) for all friendly forces within their respective areas of operation.

(5) Fire Support Vehicle (FSV) -The FSV provides enhanced surveillance, target acquisition, target identification, target designation, and communications to support the SBCT with "first round" fire for effect capability.

(6) Engineer Squad Vehicle (ESV) -The ESV provides the platform for the Engineer Company to provide the required mobility and limited counter mobility to support the SBCT.

(7) Medical Evacuation Vehicle (MEV) -The MEV integrates medical evacuation support into the SBCT as an essential element of the inter-netted combat forward formation.

(8) Anti-Tank Guided Missile Vehicle (ATGM) -The ATGM provides the brigade's primary tank killing capability.

(9) Nuclear, Biological, Chemical, Reconnaissance Vehicle (NBCRV) - The NBCRV, with its integral NBC Reconnaissance Sensor Suite, provides NBC situational awareness and Detect to Warn via cooperative NBC networks and reconnaissance to increase the combat power of the deployed force. The NBCRV is not required for Initial Operational Capability (IOC).

(10) Mobile Gun System (MGS) - The MGS supports assaulting infantry and is the key weapons overmatch platform to ensure mission success and survivability of the Combined Arms Company. The MGS is not required for IOC.

Executive Summary

Eight of the ten variants in the Stryker Family of Vehicles are in Full Rate Production (FRP). The remaining two variants are in Extended Low Rate Initial Production (ELRIP) (the Mobile Gun System (MGS) and the Nuclear, Biological, Chemical, Reconnaissance Vehicle (NBCRV)). The Stryker Program is also investigating possible course of action consistent with Army's overarching modernization program which may include the Stryker vehicle.

Stryker Double V-Hull (DVH): Starting with the first Stryker Brigade Combat Team (SBCT) Operation Iraqi Freedom (OIF) rotation (3/2 SBCT in 2004), there has been a continuous succession of unit Operational Need Statement (ONS) requirements for numerous capabilities for the Stryker vehicles. These range from Soldier survivability to Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) capabilities. Several areas of survivability deficiencies have been outlined since that time. Further succession of survivability enhancements culminated in the Defense Acquisition Executive (DAE) authorization to develop the Double V Hull vehicle in an Acquisition Decision Memorandum (ADM) dated April 6, 2010, subject: Hull Survivability Enhancements for Stryker Vehicles (Double V-Hull) and later, the production cut in of that capability. Stryker DVH Phase 0 and Phase 1 live-fire testing is complete. Performance and safety testing began in December 2010 at Yuma Proving Ground. Initial reliability results were presented at the March 2, 2011 Configuration Steering Board (CSB). The first two operational tests were completed at Yuma in January 2011. An integrated logistical support plan and updated funding requirements were discussed at the CSB.

Modernization: The Stryker Modernization Program is not yet approved. PM Stryker has been working on long term mitigations for the MGS Deficiencies that were identified in the August 2008 MGS ADM. These long term mitigations include such things as; power, power generation, suspension, and Soldier survivability modifications which are improvements that are common across the Stryker Family of Vehicles (FoV). A decision on Stryker Modernization will occur this Fiscal Year (FY 2011) as the Army is planning for a Combined Combat Vehicle Materiel Development Decision (MDD) which includes the Stryker FoV. Timing of the Army Systems Acquisition Review Council (ASARC) as well as the Office of the Secretary of Defense (OSD) Defense Acquisition Board (DAB) has been fluid and further refinement on a DAB date is in the coordination process. Although the extent of the modernization program is still under discussion, it is expected to require separate reporting/visibility if approved. Therefore, all funding associated with the Modernization Program (currently RDT&E funds only) has been removed from this Selected Acquisition Report (SAR).

MGS: MGS FRP date has changed to To Be Determined (TBD). In September 2010, all stakeholders including the Vice Chief of Staff, Army (VCSA) were briefed on the status of the MGS. The CSB recommendation to the DAE is not to pursue full rate production for the Stryker flat bottom MGS. Reliability testing will continue as scheduled to validate mitigations/fixes of near and mid-term issues identified in August 2008 ADM and semi annual reports to Congress. Pending results of DVH testing and Army approval of Stryker Modernization, FRP date for MGS is TBD, which delays the MGS FRP indefinitely.

NBCRV: On December 22, 2007, the Under Secretary of Defense, Acquisition, Technology and Logistics, signed the NBCRV Acquisition Decision Memorandum (ADM). This document authorized the purchase of an additional 95 NBCRV systems within an ELRIP strategy and required a reliability growth program, and an additional Initial Operational Test (IOT) phase II, which was defined in Revision 4 of the NBCRV Test and Evaluation Master Plan (TEMP). This reliability growth testing began on April 30, 2009. Per the test plan, an 8,000 mile off-ramp scoring conference was conducted on December 17, 2009. The NBCRV program met the off-ramp criteria established in the approved TEMP Revision 4 by exceeding the 1,333 Mean Miles Between System Abort (MMBSA) with 70% confidence, officially concluding the Reliability Growth Test. The IOT II was conducted at Dugway Proving Ground, UT in September 2010. All Developmental and Operational Testing defined in Revsion 4 of the NBCRV TEMP is complete. The NBCRV TEMP Rev. 6 update included Stryker Reactive Armor Tile (SRAT) II test requirements. The TEMP was approved by Director of Operational Test and Evaluation (DOT&E) on August 05, 2010. Controlled Damage Experiments, a component of the Live Fire testing, started in November 2009 and was completed in January 2011. SRAT II Full Up System Level Live Fire is scheduled April - June 2011. Live Fire consists of three Rocket-Propelled Grenades (RPG) shots and one mine event. Army Research Laboratory is conducting modeling

analysis of the NBCRV with SLAT armor to support the Survivability assessment. The FRP decision will be in November 2011.

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

Threshold Breaches

APB Breaches		
Schedule		☑
Performance		☐
Cost	RDT&E	☑
	Procurement	☑
	MILCON	☑
	Acq O&M	☐
Unit Cost	PAUC	☐
	APUC	☐

Nunn-McCurdy Breaches		
Current UCR Baseline		
	PAUC	None
	APUC	None
Original UCR Baseline		
	PAUC	None
	APUC	None

Explanation of Breach

Please refer to the last SAR for a discussion of breaches through December 2009.

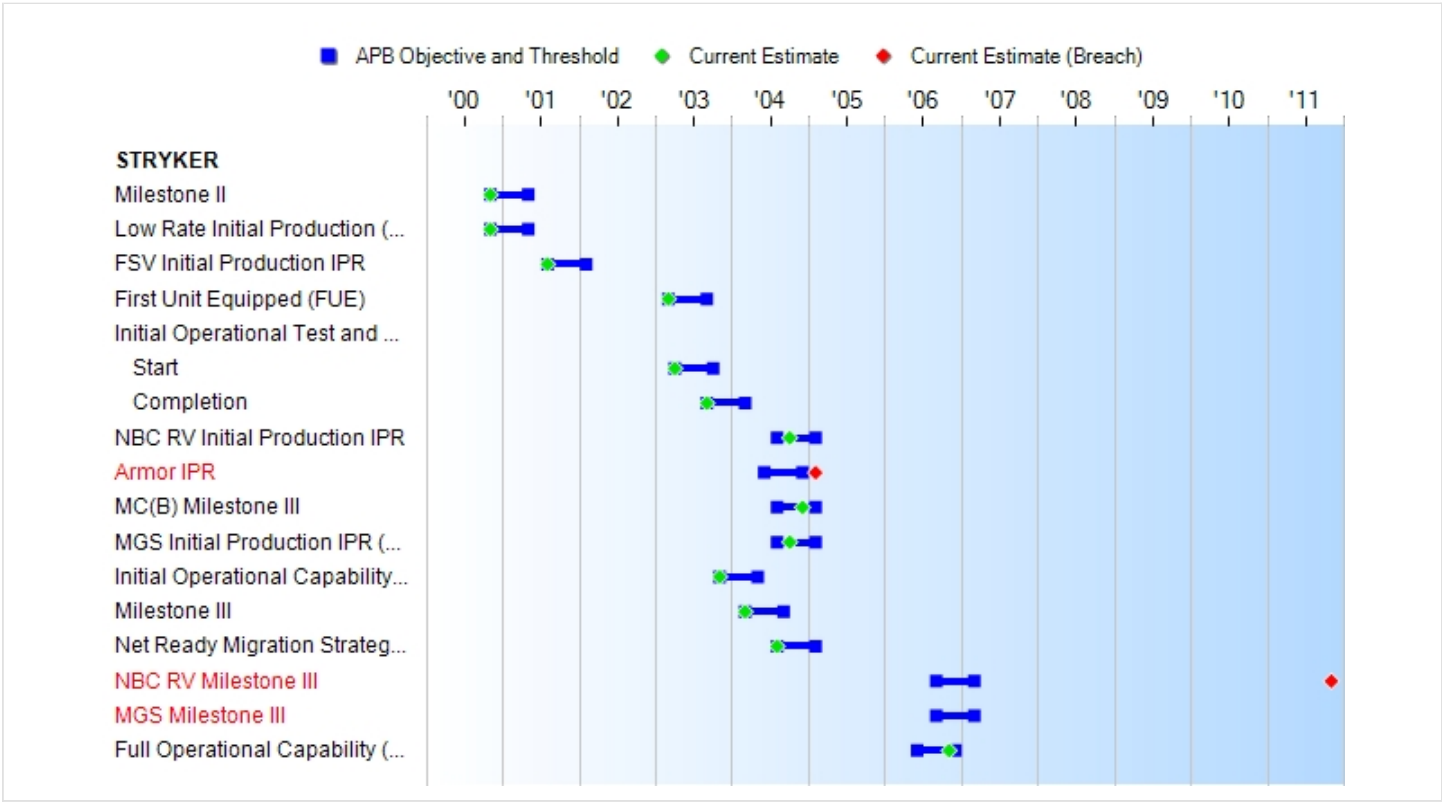
Schedule: There is a breach in schedule according to Stryker's last approved Acquisition Program Baseline (APB) dated March 2004. Although there is a schedule breach, the program is on track to meet the current estimate for Nuclear, Biological, Chemical Reconnaissance Vehicle (NBCRV) Milestone (MS)III/Full Rate Production (FRP) dates. The Army Acquisition Executive (AAE) sent a memorandum on January 20, 2011 to the Defense Acquisition Executive (DAE) endorsing the decoupling of Stryker Reactive Armor Tile (SRAT) II from the NBCRV FRP decision in July 2011. If SRAT II remains coupled with the NBCRV the FRP decision will then be November 2011. Program Office is awaiting official guidance on the Mobile Gun System (MGS) program. The MGS FRP decision is currently to be determined.

Research, Development, Test, and Evaluation (RDT&E): Additional funds were added for Double V Hull efforts and Targeting Under Armor effort for the Fire Support Vehicle (FSV), causing a RDT&E cost breach.

Procurement: Additional funds were added to procure 168 NBCRVs in FY 2012 & 2013 causing a procurement cost breach.

Militiary Construction (MILCON): The cost breach increased since the last SAR due to the addition of several new Stryker related projects; e.g., Stryker Brigade Combat Team (SBCT) Brigade Complex, SBCT Operations Facilities, Battalion Complex, and Barracks.

Schedule


APB Objective and Threshold
Current Estimate
Current Estimate (Breach)
'00
'01
'02
'03
'04
'05
'06
'07
'08
'09
'10
'11
STRYKER
Milestone II
Low Rate Initial Production (...
FSV Initial Production IPR
First Unit Equipped (FUE)
Initial Operational Test and ...
Start
Completion
NBC RV Initial Production IPR
Armor IPR
MC(B) Milestone III
MGS Initial Production IPR (...
Initial Operational Capability...
Milestone III
Net Ready Migration Strateg...
NBC RV Milestone III
MGS Milestone III
Full Operational Capability (...

Milestones	SAR Baseline Prod Est	Current APB Production Objective/Threshold		Current Estimate	
Milestone II	NOV 2000	NOV 2000	MAY 2001	NOV 2000	
Low Rate Initial Production (LRIP)	NOV 2000	NOV 2000	MAY 2001	NOV 2000	
FSV Initial Production IPR	AUG 2001	AUG 2001	FEB 2002	AUG 2001	
First Unit Equipped (FUE)	MAR 2003	MAR 2003	SEP 2003	MAR 2003	
Initial Operational Test and Evaluation (IOT&E #1)					
Start	APR 2003	APR 2003	OCT 2003	APR 2003	
Completion	SEP 2003	SEP 2003	MAR 2004	SEP 2003	
NBC RV Initial Production IPR	AUG 2004	AUG 2004	FEB 2005	OCT 2004	
Armor IPR	JUN 2004	JUN 2004	DEC 2004	**FEB 2005** [1]	
MC(B) Milestone III	AUG 2004	AUG 2004	FEB 2005	DEC 2004	
MGS Initial Production IPR (Mobile Gun System)	AUG 2004	AUG 2004	FEB 2005	OCT 2004	
Initial Operational Capability (IOC)	NOV 2003	NOV 2003	MAY 2004	NOV 2003	
Milestone III	MAR 2004	MAR 2004	SEP 2004	MAR 2004	
Net Ready Migration Strategy IPR Decision	AUG 2004	AUG 2004	FEB 2005	AUG 2004	
NBC RV Milestone III	SEP 2006	SEP 2006	MAR 2007	**NOV 2011** [1]	(Ch-1)
MGS Milestone III	SEP 2006	SEP 2006	MAR 2007	**TBD** [1]	(Ch-2)
Full Operational Capability (FOC): BDE #3	JUN 2006	JUN 2006	DEC 2006	NOV 2006	

[1] *APB Breach*

Acronyms And Abbreviations

BDE - Brigade
FSV - Fire Support Vehicle
IPR - In Progress Review
MC - Mortar Carrier
MGS - Mobile Gun System
NBC RV - Nuclear, Biological,Chemical, Reconnaissance Vehicle

Change Explanations

(Ch-1) The Nuclear, Biological, Chemical, Reconnaissance Vehicle (NBCRV) Full Rate Production (FRP) decision changed from April 2011 to November 2011. Initial Operational Test Phase II (IOT II) was originally scheduled for May 2010 which would have supported a FRP decision in November 2010. However, the unit identified to take part in the Phase II testing (2/25 Stryker Brigade Combat Team (SBCT)) was moved forward in the deployment rotation and was, therefore, relieved of its mission to support this test. A replacement unit (181st Chemical Company) was identified, but the earliest the replacement unit was available and trained to participate in the NBCRV Initial Operational Test (IOT) II was September 2010. Revision 6 of the Test and Evaluation Master Plan (TEMP) addressed additional test requirements for Stryker Reactive Armor Tile (SRAT) II. Upon completion of SRAT II testing a revised FRP decision for the NBCRV is now November 2011.

(Ch-2) The Mobile Gun System (MGS) Full Rate Production decision changed from April 2011 to TBD. The Program Office is awaiting official guidance on the MGS program. The Configuration Steering Board (CSB) on December 9, 2010, concurred with stopping MGS production after the 62 Extended Low Rate Initial Production

(ELRIP) vehicles, for a total of 142 MGS systems.

Performance

Characteristics	SAR Baseline Prod Est	Current APB Production Objective/Threshold		Demonstrated Performance	Current Estimate
Interoperability*	Host and integrate planned C4ISR systems	Host and integrate planned C4ISR systems	Host and integrate existing Army C4ISR systems (EPLRS, FBCB2, ABCS, WIN-T Subscriber Node)	Demonstrated in IOT&E, host and integrate planned C4ISR systems	Host and integrate planned C4ISR systems
Transportability:					
Air Transportation*	Transport-able in a C-130 aircraft & combat ready on exit	Transport-able in a C-130 aircraft & combat ready on exit	Transport-able on a C-130 aircraft & combat ready on exit (full basic load not req'd)	Mar 07, all 10 config-urations have been certified	Transportable in a C-130 aircraft & combat ready on exit
MGS Lethality*	Defeat std infantry bunker and create opening for infantry in double reinforced concrete wall	Defeat std infantry bunker and create opening for infantry in double reinforced concrete wall	Defeat std infantry bunker and create opening for infantry in double reinforced concrete wall	Demonstrated in test, Feb 04	Defeat std infantry bunker and create opening for infantry in double reinforced concrete wall
ICV/ESV Squad Carrying*	10 soldiers and 2 crew members, with individual eqmt	10 soldiers and 2 crew members, with individual eqmt	Infantry Squad (9 soldiers) and 2 crew members, with individual eqmt	Demonstrated in PVT, 10 soldiers and 2 crew members with individual eqmt	10 soldiers and 2 crew members, with individual eqmt
Reliability: (Less GFE)					
MMBCF	2000 MMBCF	2000 MMBCF	80% confidence of achieving 1000MMBCF	Demonstrated threshold during PVT	2000 MMBCF
Supportability (Commonality)	Maintain Commonality baseline in	Maintain Commonality baseline in	Support characteristics	Demonstrated	Maintain Commonality baseline in

	contract with fielding of IAV Block Improvements	contract with fielding of IAV Block Improvements	established in IAV contract		contract with fielding of IAV Block Improvements
Mobility					
Cruising Range	300 miles w/o refueling	300 miles w/o refueling	300 miles w/o refueling	Demonstrated in PVT	300 miles w/o refueling
Sustained Hard Surface Speed	40 mph	40 mph	40 mph	Demonstrated in PVT	40 mph
Survivability:	Overhead crew protection against XXX at [Classified] meters; all around crew protection against blast and over-pressure effects of 7.5kg explosive	Overhead crew protection against XXX at [Classified] meters; all around crew protection against blast and over-pressure effects of 7.5kg explosive	Integral frontal, side, rear, and overhead protection from XXX at [Classified] meters; overhead crew protection against XXX at [Classified] meters; all around crew protection against blast and over-pressure effects of AP mines	Demonstrated threshold during Ballistic acceptance test of production vehicles and LFTE	Overhead crew protection against XXX at [Classified] meters; all around crew protection against blast and over-pressure effects of 7.5kg explosive
Combat Capability:					
FUE	2 Company Teams equipped with IC V, MC, CV, FSV, MGS	2 Company Teams equipped with ICV, MC, CV, FSV, MGS	2 Company Teams equipped with ICV, MC, CV	Mar 03, demonstrated	2 Company Teams equipped with ICV, MC, CV, FSV, MGS
IOC	Brigade equipped with IC V, RV, MC, CV, FSV, ESV, MEV, AT GM, MGS	Brigade equipped with ICV, RV, MC, CV, FSV, ESV, MEV, ATGM, MGS	Brigade equipped with ICV, RV, MC, CV, ESV, MEV, ATGM	Oct 03, demonstrated	Brigade equipped with ICV, RV, MC, CV, FSV, ESV, MEV, ATGM, MGS
ATGM Antitank Capability	Host next generation of fire & forget and LOSAT missiles	Host next generation of fire & forget and LOSAT missiles	Integrate IBAS/ITAS or equiv w/equal target acquisition capability	Demonstrated threshold in PVT	Host next generation of fire & forget and LOSAT missiles

FSV: Target Acquisition accuracy of Sensor	Integrate a lt-wt laser designator / Range-finder MEP	Integrate a lt-wt laser designator/Range-finder MEP	Integrate M707 Striker MEP with current functions	Demonstrated threshold in PVT	Integrate M707 Striker MEP with current functions
ESV: Obstacle Neutralization	Integrate emerging mine detection devices	Integrate emerging mine detection devices	Integrate existing obstacle neutralization, & lane marking, and mine detection devices	Lane Marking demonstrated in PVT. Mine detection is moved to a blk upgrade	Integrate existing obstacle neutralization, & lane marking, and mine detection devices
RV	OSP must operate on the move / incorporate masted sensor & target at a platform height of 5-10m	OSP must operate on the move/incorporate masted sensor & target at a platform height of 5-10m	Host, integrate & fully employ LRAS3	Demonstrated threshold in PVT	Host, integrate & fully employ LRAS3.

Requirements Source: The Stryker Operational Requirements Document (ORD) was approved February 14, 2009.

Acronyms And Abbreviations

ABCS - Army Battle Command System
AP - Anti-Personnel
ATGM - Anti-Tank Guided Missile
C4ISR - Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance
CV - Commander's Vehicle
EPLRS - Enhanced Position Location Reporting System
ESV - Engineer Squad Vehicle
FBCB2 - Future Battle Command Brigade and Below
FSV - Fire Support Vehicle
FUE - First Unit Equipped
GFE - Government Furnished Equipment
IAV - Interim Armored Vehicle
IBAS - Improved Bradley Acquisition System
ICV - Infantry Carrier Vehicle
IOC - Initial Operational Capability
IOTE - Initial Operational Test Evaluation
ITAS - Improved Target Acquisition System
LFTE - Live Fire Test Evaluation
LOSAT - Line-of-Sight Anti-Tank
LRAS3 - Long Range Advanced Scout Surveillance System
MC - Mortar Carrier
MEP - Mission Equipment Package
MEV - Medical Evacuation Vehicle

MGS - Mobile Gun System
MMBCF - Mean Miles Between Critical Failures
OSP - Objective Sensor Package
PVT - Production Verification Test
RV - Reconnaissance Vehicle
WIN-T - Warfighter Information Network - Tactical

Change Explanations

None

Memo

* Key Performance Parameters (KPPs)

Track To Budget

General Memo

The PM's current estimate for Research, Development, Test, and Evaluation (RDT&E) reflects FY 2012 President's Budget adjusted to exclude costs associated with the Stryker Modernization Program (RDT&E), Project C51. The current Modernization Program funding of $1045.0M TY$, is excluded from the SAR report. This allows the focus to remain on the base Stryker program and Double V Hull, Project C03 and VT2.

The PM's current estimate for Procurement reflects funding lines for Stryker Vehicle base and DVH program, G85100, and Stryker Vehicle Spares, GE0180. The vehicle funding associated with the Stryker Vehicle Spares line (GE0180) is FY2012 $99.6M, FY2013 $34.5M, FY2014 $0.6M, FY2015 $0.7M, and FY2016 $0.7M; GE0150 is the parent line to GE0180. The procurement funding associated with Stryker Modernization in G85100, FY16, $327.5M TY$ is excluded from SAR. We anticipate this funding will be moved to a Stryker Modernization funding line. In the FY 2011 President's Budget a new procurement budget line was established for Stryker Modification efforts, GM0100 (excluded from SAR). The Stryker Vehicle program line remains for vehicle purchases, G85100.

RDT&E

APPN 2040	BA 04	PE 0603653A	(Army)	
	Project C03	Advanced Tank Armament System/Stryker Vehicle	(Shared)	
	Project VT2	Advanced Tank Armament	(Shared)	(Sunk)

Procurement

APPN 2033	BA 01	PE 0211705A	(Army)
	ICN G85100	Stryker Vehicle	(Shared)
APPN 2033	BA 03	PE 0211705A	(Army)
	ICN GE0180	Stryker Vehicle Spares	

MILCON

APPN 2050	BA 01	PE 0313110A	(Army)
		MILCON	(Shared)
	Facility requirements in support of AMF		
APPN 2050	BA 01	PE 0536370A	(Army)
		MILCON	(Shared)
	Permanent Party Barracks Modernization Program		
APPN 2050	BA 01	PE 0559850A	(Army)

MILCON (Shared)
Focused Facility Strategy Investmt Pgm

APPN 2050 BA 01 PE 0640180A (Army)

MILCON (Shared)
Facility requirements in support of AMF

APPN 2050 BA 01 PE 0644560A (Army)

MILCON (Shared)
Facility requirements in support of AMF

APPN 2050 BA 01 PE 0659350A (Army)

MILCON (Shared)
Facility requirements in support of AMF

APPN 2050 BA 01 PE 0670660A (Army)

MILCON (Shared)
Facility requirements in support of AMF

APPN 2050 BA 01 PE 0679680A (Army)

MILCON (Shared)
Facility requirements in support of AMF

APPN 2050 BA 01 PE 0765840A (Army)

MILCON (Shared)
Facility requirements in support of AMF

APPN 2050 BA 01 PE 0766020A (Army)

MILCON (Shared)
Facility requirements in support of AMF

Cost and Funding

Cost Summary

Total Acquisition Cost and Quantity

Appropriation	BY2004 $M			BY2004 $M	TY $M		
	SAR Baseline Prod Est	Current APB Production Objective/Threshold		Current Estimate	SAR Baseline Prod Est	Current APB Production Objective	Current Estimate
RDT&E	678.6	678.6	746.5	**982.3**[1]	675.6	675.6	1030.2
Procurement	6327.0	6327.0	6959.7	**12361.2**[1]	6525.8	6525.8	13571.4
Flyaway	5519.0	--	--	10462.5	5687.7	--	11459.8
Recurring	4656.1	--	--	8702.2	4799.2	--	9509.5
Non Recurring	862.9	--	--	1760.3	888.5	--	1950.3
Support	808.0	--	--	1898.7	838.1	--	2111.6
Other Support	763.1	--	--	1685.0	792.8	--	1868.8
Initial Spares	44.9	--	--	213.7	45.3	--	242.8
MILCON	1271.3	1271.3	1398.4	**2205.2**[1]	1333.3	1333.3	2481.8
Acq O&M	0.0	0.0	--	0.0	0.0	0.0	0.0
Total	8276.9	8276.9	N/A	15548.7	8534.7	8534.7	17083.4

[1] ***APB Breach***

The PM's current estimate reflects FY 2012 President's Budget adjusted to exclude costs associated with the Stryker Modernization Program (Research, Development, Test, and Evaluation (RDT&E)), Project C51. The Stryker Modernization funding, $1045.0M TY$, is excluded from the SAR report. This allows the focus to remain on the base Stryker program, Project C03 and VT2, and is in anticipation of the Modernization Program being assigned a separate Program Element at Milestone B, as well as separate reporting. Additional funds were added for DVH efforts and Targeting Under Armor effort for the FSV, causing a RDT&E cost breach.

The PM's current estimate for Procurement reflects funding lines for Stryker base program, G85100, and Stryker Vehicle Spares, GE0180. The procurement budget line established for Stryker Modification efforts (GM0100), remains excluded for this report.

Quantity	SAR Baseline Prod Est	Current APB Production	Current Estimate
RDT&E	10	10	10
Procurement	2086	2086	4225
Total	2096	2096	4235

The increase of 237 vehicles since the last SAR is mainly due to an increase in Nuclear, Biological, Chemical, Reconnaissance Vehicles (NBCRV) and Double V-Hull(DVH) Operation Enduring Freedom(OEF) Theater Provided Equipment (TPE) set requirements.

Cost and Funding

Funding Summary

Appropriation and Quantity Summary
FY2012 President's Budget / December 2010 SAR (TY$ M)

Appropriation	Prior	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	To Complete	Total
RDT&E	882.1	106.0	22.5	14.4	5.2	0.0	0.0	0.0	1030.2
Procurement	12134.2	299.5	732.6	403.1	0.6	0.7	0.7	0.0	13571.4
MILCON	1891.8	17.5	71.5	412.0	89.0	0.0	0.0	0.0	2481.8
Acq O&M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PB 2012 Total	14908.1	423.0	826.6	829.5	94.8	0.7	0.7	0.0	17083.4
PB 2011 Total	14880.4	302.0	13.6	0.0	0.0	0.0	0.0	0.0	15196.0
Delta	27.7	121.0	813.0	829.5	94.8	0.7	0.7	0.0	1887.4

Research, Development, Test, and Evaluation (RDT&E) and Procurement excludes funding associated with the Stryker Modernization. Procurement excludes funds transferred to the Stryker Modification line.

The Program Manager (PM) is not responsible for the execution of the Militiary Construction (MILCON).

Quantity	Undistributed	Prior	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	To Complete	Total
Development	10	0	0	0	0	0	0	0	0	10
Production	0	4057	0	100	68	0	0	0	0	4225
PB 2012 Total	10	4057	0	100	68	0	0	0	0	4235
PB 2011 Total	10	3905	83	0	0	0	0	0	0	3998
Delta	0	152	-83	100	68	0	0	0	0	237

Cost and Funding

Annual Funding By Appropriation

Annual Funding TY$
2040 | RDT&E | Research, Development, Test, and Evaluation, Army

Fiscal Year	Quantity	End Item Recurring Flyaway TY $M	Non End Item Recurring Flyaway TY $M	Non Recurring Flyaway TY $M	Total Flyaway TY $M	Total Support TY $M	Total Program TY $M
2000	--	--	--	--	--	--	14.6
2001	--	--	--	--	--	--	241.3
2002	--	--	--	--	--	--	100.0
2003	--	--	--	--	--	--	148.1
2004	--	--	--	--	--	--	59.0
2005	--	--	--	--	--	--	57.6
2006	--	--	--	--	--	--	35.4
2007	--	--	--	--	--	--	8.4
2008	--	--	--	--	--	--	31.0
2009	--	--	--	--	--	--	118.7
2010	--	--	--	--	--	--	68.0
2011	--	--	--	--	--	--	106.0
2012	--	--	--	--	--	--	22.5
2013	--	--	--	--	--	--	14.4
2014	--	--	--	--	--	--	5.2
Subtotal	**10**	**--**	**--**	**--**	**--**	**--**	**1030.2**

Annual Funding BY$
2040 | RDT&E | Research, Development, Test, and Evaluation, Army

Fiscal Year	Quantity	End Item Recurring Flyaway BY 2004 $M	Non End Item Recurring Flyaway BY 2004 $M	Non Recurring Flyaway BY 2004 $M	Total Flyaway BY 2004 $M	Total Support BY 2004 $M	Total Program BY 2004 $M
2000	--	--	--	--	--	--	15.2
2001	--	--	--	--	--	--	248.7
2002	--	--	--	--	--	--	101.9
2003	--	--	--	--	--	--	148.2
2004	--	--	--	--	--	--	57.6
2005	--	--	--	--	--	--	54.7
2006	--	--	--	--	--	--	32.7
2007	--	--	--	--	--	--	7.6
2008	--	--	--	--	--	--	27.5
2009	--	--	--	--	--	--	103.9
2010	--	--	--	--	--	--	58.9
2011	--	--	--	--	--	--	90.4
2012	--	--	--	--	--	--	18.9
2013	--	--	--	--	--	--	11.9
2014	--	--	--	--	--	--	4.2
Subtotal	**10**	**--**	**--**	**--**	**--**	**--**	**982.3**

Stryker is currently operating under a Continuing Resolution. The PM's current estimate reflects FY12 President's Budget adjusted to exclude costs associated with the Stryker Modernization Program (Research, Development, Test, and Evaluation (RDT&E)), Project C51. The Stryker Modernization Program funding, $1045.0M TY$, is excluded from the SAR report. This allows the focus to remain on the base Stryker program, Project C03, Double V Hull, Project VT2, and Targeting Under Armor efforts in anticipation of the Modernization Program being assigned a separate Program Element at MS B, as well as separate reporting.

Annual Funding TY$
2033 | Procurement | Procurement of Weapons and Tracked Combat Vehicles, Army

Fiscal Year	Quantity	End Item Recurring Flyaway TY $M	Non End Item Recurring Flyaway TY $M	Non Recurring Flyaway TY $M	Total Flyaway TY $M	Total Support TY $M	Total Program TY $M
2000	7	17.9	--	3.7	21.6	0.4	22.0
2001	447	724.0	--	99.3	823.3	96.8	920.1
2002	300	457.2	--	119.9	577.1	63.3	640.4
2003	279	482.4	--	112.7	595.1	127.3	722.4
2004	413	775.0	--	87.1	862.1	100.6	962.7
2005	596	1121.1	--	212.8	1333.9	110.5	1444.4
2006	494	916.2	--	188.0	1104.2	214.4	1318.6
2007	220	939.2	--	204.7	1143.9	286.7	1430.6
2008	790	2085.5	--	176.6	2262.1	501.1	2763.2
2009	418	1098.4	--	138.3	1236.7	160.2	1396.9
2010	93	211.4	--	196.0	407.4	105.5	512.9
2011	--	--	--	149.8	149.8	149.7	299.5
2012	100	423.1	--	157.4	580.5	152.1	732.6
2013	68	258.1	--	104.0	362.1	41.0	403.1
2014	--	--	--	--	--	0.6	0.6
2015	--	--	--	--	--	0.7	0.7
2016	--	--	--	--	--	0.7	0.7
Subtotal	**4225**	**9509.5**	**--**	**1950.3**	**11459.8**	**2111.6**	**13571.4**

Annual Funding BY$

2033 | Procurement | Procurement of Weapons and Tracked Combat Vehicles, Army

Fiscal Year	Quantity	End Item Recurring Flyaway BY 2004 $M	Non End Item Recurring Flyaway BY 2004 $M	Non Recurring Flyaway BY 2004 $M	Total Flyaway BY 2004 $M	Total Support BY 2004 $M	Total Program BY 2004 $M
2000	7	18.5	--	3.9	22.4	0.4	22.8
2001	447	742.2	--	101.9	844.1	99.2	943.3
2002	300	462.3	--	121.2	583.5	64.1	647.6
2003	279	477.1	--	111.5	588.6	125.9	714.5
2004	413	746.0	--	83.8	829.8	96.9	926.7
2005	596	1050.2	--	199.3	1249.5	103.6	1353.1
2006	494	834.3	--	171.2	1005.5	195.2	1200.7
2007	220	837.8	--	182.6	1020.4	255.8	1276.2
2008	790	1835.8	--	155.5	1991.3	441.1	2432.4
2009	418	956.7	--	120.5	1077.2	139.5	1216.7
2010	93	181.5	--	168.3	349.8	90.5	440.3
2011	--	--	--	125.9	125.9	125.8	251.7
2012	100	349.9	--	130.1	480.0	125.8	605.8
2013	68	209.9	--	84.6	294.5	33.3	327.8
2014	--	--	--	--	--	0.5	0.5
2015	--	--	--	--	--	0.6	0.6
2016	--	--	--	--	--	0.5	0.5
Subtotal	**4225**	**8702.2**	**--**	**1760.3**	**10462.5**	**1898.7**	**12361.2**

Reflects FY 2012 President's Budget excludes the FY 2016 funding associated with the Stryker Modernization program. In the FY 2011 President's Budget a new procurement budget line was established for Stryker Modification efforts; this funding is excluded. The Stryker Vehicle program line remains for vehicle purchases. This report includes a new funding line established in the FY 2012 President's Budget for Stryker Vehicle Spares.

Annual Funding TY$
2050 | MILCON | Military Construction, Army

Fiscal Year	Total Program TY $M
2002	56.2
2003	219.9
2004	346.7
2005	234.0
2006	268.6
2007	323.7
2008	235.7
2009	105.0
2010	102.0
2011	17.5
2012	71.5
2013	412.0
2014	89.0
Subtotal	**2481.8**

Annual Funding BY$
2050 | MILCON | Military Construction, Army

Fiscal Year	Total Program BY 2004 $M
2002	56.0
2003	214.0
2004	328.4
2005	215.2
2006	241.8
2007	287.3
2008	206.6
2009	90.7
2010	86.8
2011	14.7
2012	58.9
2013	333.9
2014	70.9
Subtotal	**2205.2**

Reflects FY12 President's Budget.

Low Rate Initial Production

	Initial LRIP Decision	Current Total LRIP
Approval Date	11/15/2000	8/5/2008
Approved Quantity	968	1269
Reference	ADM	ADM
Start Year	2000	2000
End Year	2003	2008

The program's Low Rate Initial Production (LRIP) quantity for seven of the ten variants is 968, which was approved by the Defense Acquisition Executive (DAE) in November 2000. Subsequently, the Fire Support Vehicle's (FSV) IPR approved 55 FSVs for LRIP. In October 2004, LRIP was approved for 17 Nuclear, Biological, Chemical Reconnaissance Vehicles (NBCRV) and 14 Mobile Gun Systems (MGS). In Oct 2005, authorization of production of 58 MGS vehicles was granted. In November 2007, the DAE approved extended LRIP for NBCRV of 95 vehicles. In August 2008, the DAE approved extended LRIP for MGS of 62 vehicles.

Foreign Military Sales

Country	Date of Sale	Quantity	Total Cost $M	Memo
Israel	8/9/2004	3	3.7	3 Infantry Carrier Vehicles less the Remote Weapon Station, Contract DAAE07-00-D-M051, Delivery Order 0023, Mod 01.

Nuclear Cost

None

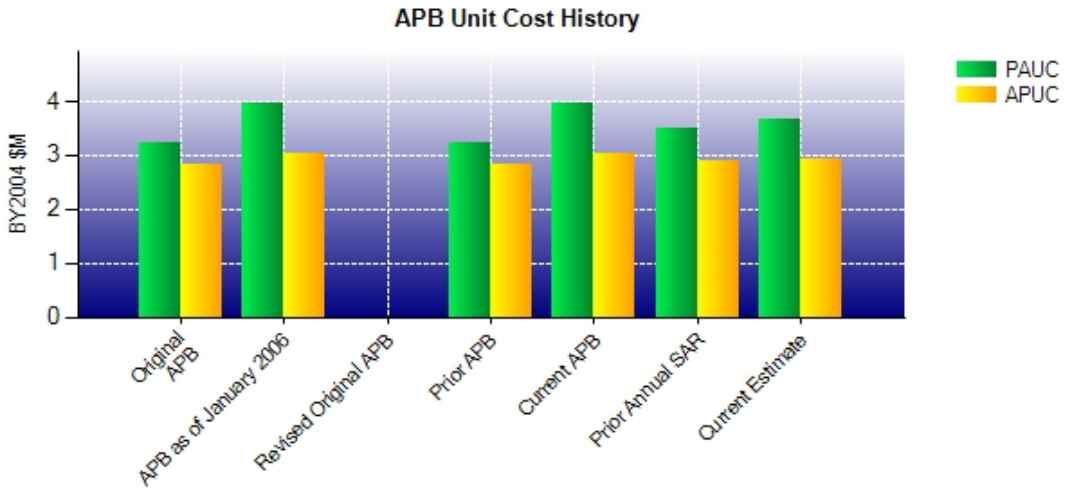
Unit Cost

Unit Cost Report

Unit Cost	BY2004 $M Current UCR Baseline (MAR 2004 APB)	BY2004 $M Current Estimate (DEC 2010 SAR)	BY % Change
Program Acquisition Unit Cost (PAUC)			
Cost	8276.9	15548.7	
Quantity	2096	4235	
Unit Cost	3.949	3.671	-7.04
Average Procurement Unit Cost (APUC)			
Cost	6327.0	12361.2	
Quantity	2086	4225	
Unit Cost	3.033	2.926	-3.53

Unit Cost	BY2004 $M Original UCR Baseline (NOV 2000 APB)	BY2004 $M Current Estimate (DEC 2010 SAR)	BY % Change
Program Acquisition Unit Cost (PAUC)			
Cost	6824.8	15548.7	
Quantity	2131	4235	
Unit Cost	3.203	3.671	+14.61
Average Procurement Unit Cost (APUC)			
Cost	6037.6	12361.2	
Quantity	2128	4225	
Unit Cost	2.837	2.926	+3.14

Unit Cost History



		BY2004 $M		TY $M	
	Date	PAUC	APUC	PAUC	APUC
Original APB	NOV 2000	3.218	2.838	3.341	2.956
APB as of January 2006	MAR 2004	3.949	3.033	4.072	3.128
Revised Original APB	N/A	N/A	N/A	N/A	N/A
Prior APB	NOV 2000	3.218	2.838	3.341	2.956
Current APB	MAR 2004	3.949	3.033	4.072	3.128
Prior Annual SAR	DEC 2009	3.501	2.889	3.801	3.146
Current Estimate	DEC 2010	3.671	2.926	4.034	3.212

SAR Unit Cost History

Initial SAR Baseline to Current SAR Baseline (TY $M)

Initial PAUC Dev Est	Changes								PAUC Prod Est
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
3.193	-0.077	0.111	0.004	0.006	0.896	0.000	-0.061	0.879	4.072

Current SAR Baseline to Current Estimate (TY $M)

PAUC Prod Est	Changes								PAUC Current Est
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
4.072	0.029	-0.541	-0.073	0.630	-0.334	0.000	0.251	-0.038	4.034

Initial SAR Baseline to Current SAR Baseline (TY $M)

Initial APUC Dev Est	Changes								APUC Prod Est
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
2.815	-0.069	0.079	0.004	-0.004	0.358	0.000	-0.055	0.313	3.128

Current SAR Baseline to Current Estimate (TY $M)

APUC Prod Est	Changes								APUC Current Est
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
3.128	0.019	-0.073	-0.073	0.518	-0.559	0.000	0.252	0.084	3.212

SAR Baseline History

Item/Event	SAR Planning Estimate (PE)	SAR Development Estimate (DE)	SAR Production Estimate (PdE)	Current Estimate
Milestone I	N/A	N/A	N/A	N/A
Milestone II	AUG 2000	AUG 2000	NOV 2000	NOV 2000
Milestone III	N/A	SEP 2003	MAR 2004	MAR 2004
IOC	TBD	MAY 2003	NOV 2003	NOV 2003
Total Cost (TY $M)	352.5	8534.7	8534.7	17083.4
Total Quantity	N/A	2096	2096	4235
Prog. Acq. Unit Cost (PAUC)	N/A	4.072	4.072	4.034

Cost Variance

Cost Variance Summary

Summary Then Year $M				
	RDT&E	Proc	MILCON	Total
SAR Baseline (Prod Est)	675.6	6525.8	1333.3	8534.7
Previous Changes				
Economic	+1.5	+82.2	+43.3	+127.0
Quantity	+30.1	+5676.0	--	+5706.1
Schedule	+0.1	-279.7	--	-279.6
Engineering	+252.0	+2393.8	+3.0	+2648.8
Estimating	-211.8	-2926.3	+523.2	-2614.9
Other	--	--	--	--
Support	--	+1073.9	--	+1073.9
Subtotal	+71.9	+6019.9	+569.5	+6661.3
Current Changes				
Economic	--	-2.1	-0.1	-2.2
Quantity	--	+707.8	--	+707.8
Schedule	--	-30.8	--	-30.8
Engineering	+226.8	-205.9	--	+20.9
Estimating	+55.9	+566.5	+579.1	+1201.5
Other	--	--	--	--
Support	--	-9.8	--	-9.8
Subtotal	+282.7	+1025.7	+579.0	+1887.4
Total Changes	+354.6	+7045.6	+1148.5	+8548.7
CE - Cost Variance	1030.2	13571.4	2481.8	17083.4
CE - Cost & Funding	1030.2	13571.4	2481.8	17083.4

Summary Base Year 2004 $M				
	RDT&E	Proc	MILCON	Total
SAR Baseline (Prod Est)	678.6	6327.0	1271.3	8276.9
Previous Changes				
Economic	--	--	--	--
Quantity	+26.9	+4868.6	--	+4895.5
Schedule	--	-65.4	--	-65.4
Engineering	+221.9	+2056.8	+2.6	+2281.3
Estimating	-188.1	-2777.4	+461.8	-2503.7
Other	--	--	--	--
Support	--	+1112.2	--	+1112.2
Subtotal	+60.7	+5194.8	+464.4	+5719.9
Current Changes				
Economic	--	--	--	--
Quantity	--	+588.7	--	+588.7
Schedule	--	-16.4	--	-16.4
Engineering	+195.4	-184.7	--	+10.7
Estimating	+47.6	+473.3	+469.5	+990.4
Other	--	--	--	--
Support	--	-21.5	--	-21.5
Subtotal	+243.0	+839.4	+469.5	+1551.9
Total Changes	+303.7	+6034.2	+933.9	+7271.8
CE - Cost Variance	982.3	12361.2	2205.2	15548.7
CE - Cost & Funding	982.3	12361.2	2205.2	15548.7

Previous Estimate: December 2009

RDT&E	$M	
Current Change Explanations	**Base Year**	**Then Year**
Addition of new development efforts for Operation Enduring Freedom (OEF) modifications (Double V Hull (DVH) and Targeting Under Armor (TUA)). (Engineering)	+195.4	+226.8
Increase of testing requirements for new OEF modifications (DVH and TUA). (Estimating)	+43.8	+51.4
Increase in System Engineering/Program Management (SE/PM) support requirements. (Estimating)	+1.0	+1.2
Increase of requirements for Stryker Reactive Armor Tile (SRAT) II development. (Estimating)	+2.1	+2.4
Increase of testing requirements for SRAT II. (Estimating)	+2.5	+2.9
Increase of requirements for Mobile Gun System (MGS) Live Fire Test fixes. (Estimating)	+2.4	+2.8
Adjustment to reflect prior years actual funding. (Estimating)	-4.2	-4.8
RDT&E Subtotal	+243.0	+282.7

Procurement	$M	
Current Change Explanations	**Base Year**	**Then Year**
Revised escalation indices. (Economic)	N/A	-2.1
Total quantity variance resulting from an increase of 237 Strykers from 3988 to 4225 (168 Nuclear, Biological, Chemical Reconnaissance Vehicles (NBCRVs) and 69 DVH OEF Theater Provided Equipment (TPE) vehicles). (Subtotal)	+462.9	+556.5
Quantity variance resulting from an increase of 237 Strykers from 3988 to 4225. (168 NBCRVs and 69 DVH OEF TPE vehicles). (Quantity)	(+588.7)	(+707.8)
Allocation to Schedule resulting from Quantity change. (Schedule) (QR)	(-16.4)	(-19.7)
Allocation to Engineering resulting from Quantity change. (Engineering) (QR)	(+62.9)	(+75.7)
Allocation to Estimating resulting from Quantity change. (Estimating) (QR)	(-172.3)	(-207.3)
Updated vehicle procurement cost to model mix of DVH OEF TPE set. (Estimating) (QR)	+262.2	+318.2
Procurement of delta hardware for DVH vehicle production. (Estimating) (QR)	+275.5	+316.7
Increase in SE/PM Support due to additional vehicle procurements. (Estimating) (QR)	+156.2	+190.0
Acceleration of procurement buy profile for DVH OEF TPE set. (Schedule)	0.0	-11.1
Reduction in Flat Bottom Stryker survivability enhancements to support DVH funding requirements. (Engineering)	-274.1	-313.6
Increase in requirements for National Maintenance Work Requirement (NMWR) development and Core Depot facilitization. (Engineering)	+26.5	+32.0
Adjustment for current and prior escalation. (Estimating)	+1.3	+1.7
Adjustment to reflect prior year funding actuals, to include a FY2009 reprogramming to fund the DVH development effort. (Estimating)	-123.9	-142.4
Increase of testing requirements to reflect latest program test schedule. (Estimating)	+74.3	+89.6
Adjustment for current and prior escalation. (Support)	+0.5	+0.4
Increase in Other Support. (Subtotal)	+3.3	+13.1
Increase in Other Support due to additional fielding requirements for DVH vehicles $220.9M and due to new Mobile Gun System (MGS) Acquisition Decision Memorandum (ADM) fixes requirements $39.2M. (Support)	(+218.5)	(+260.1)

Decrease in Other Support due to reduction of Operation Iraqi Freedom (OIF)/OEF kits to support DVH funding requirements. (Support)	(-215.2)	(-247.0)
Decrease in Initial Spares. (Subtotal)	-25.3	-23.3
Increase in Initial Spares due to adjusted model mix and procurement of new vehicles. (Support) (QR)	(+73.6)	(+89.5)
Decrease in Initial Spares to reflect prior year funding actuals. (Support)	(-98.9)	(-112.8)
Procurement Subtotal	+839.4	+1025.7

(QR) Quantity Related

MILCON	**$M**	
Current Change Explanations	**Base Year**	**Then Year**
Revised escalation indices. (Economic)	N/A	-0.1
Adjustment for current and prior escalation. (Estimating)	+0.1	+0.1
Revised estimate for FY 2012 MILCON project (Focused Facility Strategy Investment Program). (Estimating)	+3.7	+4.5
Additional (new) requirements to build Stryker Brigade Combat Team (SBCT) Operation Facilities phase 1 and 2, a Brigade complex phase 1, 2, and 4, a Stryker Complex, a Battalion Complex, SBCT Operation Facilities, and Barracks. (Estimating)	+465.7	+574.5
MILCON Subtotal	+469.5	+579.0

Contracts

Appropriation: Procurement

Contract Name	**Stryker Follow-on Requirements Contract**
Contractor	General Dynamics
Contractor Location	Sterling Heights, MI 48315
Contract Number, Type	W56HZV-07-D-M112, CPFF/FFP
Award Date	December 20, 2006
Definitization Date	December 20, 2006

Initial Contract Price ($M)			Current Contract Price ($M)			Estimated Price At Completion ($M)	
Target	Ceiling	Qty	Target	Ceiling	Qty	Contractor	Program Manager
82.3	N/A	0	4065.8	N/A	1301	4065.8	4065.8

Cost And Schedule Variance Explanations

Cost and Schedule variance reporting is not required on this CPFF/FFP contract.

Contract Comments

The Stryker Follow-on Requirements Contract is an overarching follow-on requirements contract covering FY 2008 - FY 2012. It is executed through delivery orders (DOs). The activities being performed under the DOs are vehicle buys, Stryker Reactive Armor Tile (SRAT) II hardware procurement, Contract Logisitics Support (CLS), Logistic Engineering Support (LES), Systems Engineering Support (SES), deprocessing and New Equipment Training (NET), Contractor Program Management, retrofit, and Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) survivability and modification kits. The DOs are primarily executed on a yearly basis and therefore the contract price will continue to increase every year.

The increase in target price from the initial contract price ($82.3M) to the current contract price ($4,065.8M) is $3,983.5M. This is due to addition of delivery orders for the FY 2008, FY 2009, and FY 2010 vehicles, the ordering of the SRAT II hardware, and the ordering of OIF/OEF survivability and modification kits.

Deliveries and Expenditures

Deliveries To Date	Plan To Date	Actual To Date	Total Quantity	Percent Delivered
Development	10	10	10	100.00%
Production	4071	3572	4225	84.54%
Total Program Quantities Delivered	4081	3582	4235	84.58%

Expenditures and Appropriations (TY $M)			
Total Acquisition Cost	17083.4	Years Appropriated	12
Expenditures To Date	8917.1	Percent Years Appropriated	70.59%
Percent Expended	52.20%	Appropriated to Date	15331.1
Total Funding Years	17	Percent Appropriated	89.74%

Expenditures to Date reflect all Stryker Research, Development, Test, and Evaluation (RDT&E) and Weapon and Tracked Combat Vehicle (WTCV) Appropriation obligations on the vehicle requirements contracts (the initial contract, and the new follow-on vehicle contract), and Contractor Logistic Support (CLS) requirements modified to exclude costs associated with the Stryker Modernization Program. These contracts include requirements for non-recurring Engineering Manufacturing Development (EMD) engineering efforts for 10 Stryker vehicle variants; Stryker vehicles to support 9 Stryker Brigades, Ready to Fight vehicle requirements, Operational Readiness Float vehicles, vehicles to replace those lost in battle/combat, additional requirement Stryker vehicles, and Table of Distribution Allowance (TDA) requirements. These obligations/contracts also include support to the procured vehicles such as Engineering Change Orders, Basic Issue Items (BII), Total Package Fielding (TPF) / Special Tools and Test Equipment (STTE), initial spares; System Engineering Support, Logistics Engineering Support, Command, Control, Communication, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) Support, Program Management Support, Contractor Support to Test; New Equipment Fielding/Material Fielding/Deprocessing; vehicle retrofit efforts; Survivability and OIF requirements (Stryker Reactive Armor Tiles (SRAT & SRAT II), SLAT, Driver's Enhancement Kits, Hull Protection Kits, Mine Protection Kits, etc).

As of January 31, 2011

Operating and Support Cost

Assumptions And Ground Rules
The Operating and Support (O&S)costs assume an average annual operating mileage of 1,686 miles, an operating life of 20 years, and reflect an average of the 10 Stryker variants. Mission Pay and Allowance, Unit Level Consumption, Contractor Support, and Sustaining Support estimates assume a quantity of 3,468 vehicles (Stryker Brigade Combat Team (SBCT), Training and Documents Command (TRADOC), Heavy Brigade Combat Team (HBCT), Chemical Company and Other Customer assets). The Depot Maintenance estimates assumes a quantity of 4,443 vehicles. Reported costs are in accordance with the Office of the Secretary of Defense, Cost Assessment and Program Evaluation (OSD CAPE) O&S Cost-Estimating Guide (March 2005).

Costs BY2004 $K		
Cost Element	**STRYKER Average Annual Cost Per Vehicle**	**N/A**
Unit-Level Manpower	491.1	--
Unit Operations	56.0	--
Maintenance	17.7	--
Sustaining Support	9.0	--
Continuing System Improvements	--	--
Indirect Support	--	--
Other	--	--
Total Unitized Cost (Base Year 2004 $)	573.8	--

Total O&S Costs $M	STRYKER	N/A
Base Year	40130.0	--
Then Year	58914.0	--