

PROGRAM SUCCESS PROBABILITY

John Higbee
DAU
9 May 2005

STARTING POINT

- **Tasking From ASA(ALT) Claude Bolton (March 2002)**
 - **Despite Using All the Metrics Commonly Employed to Measure Cost, Schedule, Performance and Program Risk, There are Still Too Many Surprises (Poorly Performing /Failing Programs) Being Briefed “Real Time” to Army Senior Leadership**
- **DAU (with Industry Representatives) was Asked to:**
 - **Identify a Comprehensive Method to Better Determine the Probability of Program Success**
 - **Recommend a Concise “Program Success” Briefing Format for Use by Army Leadership**

PROCESS PREMISE

- **Classical Internal Factors for Cost, Schedule, Performance and Risk (Largely Within the Control of the Program Manager) Provide an Important Part of Program Success Picture – But NOT the WHOLE Picture**
 - Program Success also Depends on External Factors (Largely Not Within the PM’s Control, but That the PM Can Influence By Informing/Using Service/OSD Senior Leadership)
- **Accurate Assessment of Program Success Probability Requires a Holistic Combination of Internal and External Factors**
 - Internal: Requirements, Resources, and Execution
 - External: Fit in the Capability Vision, and Advocacy
- **Next Step - Develop An Assessment Model/Process Using Selected Metrics For Each Factor - Providing an Accurate “Program Pulse Check”**
 - “Five Factors” are Consistent Across All Programs/All Acq. Cycle Phases
 - Metrics for Each Factor are Tailorable by PM/PEO to Specific Program Situation (Program Type/Phase of Acq. Process)
 - “Don’t Force Everyone into a Size 4 AAA Shoe...”

BRIEFING PREMISE

- **Significant Challenge – Develop a Briefing Format That**
 - Conveys Program Assessment Process Results Concisely/Effectively
 - Is Consistent Across Army Acquisition
- **Selected Briefing Format:**
 - Uses A Summary Display
 - Organized Like a Work Breakdown Structure
 - Program Success (Level 0); Factors (Level 1); Metrics (Level 2)
 - Relies On Information Keyed With Colors And Symbols, Rather Than Dense Word/Number Slides
 - Easier To Absorb
 - Minimizes Number of Slides
 - More Efficient Use Of Leadership’s Time – Don’t “Bury in Data”!

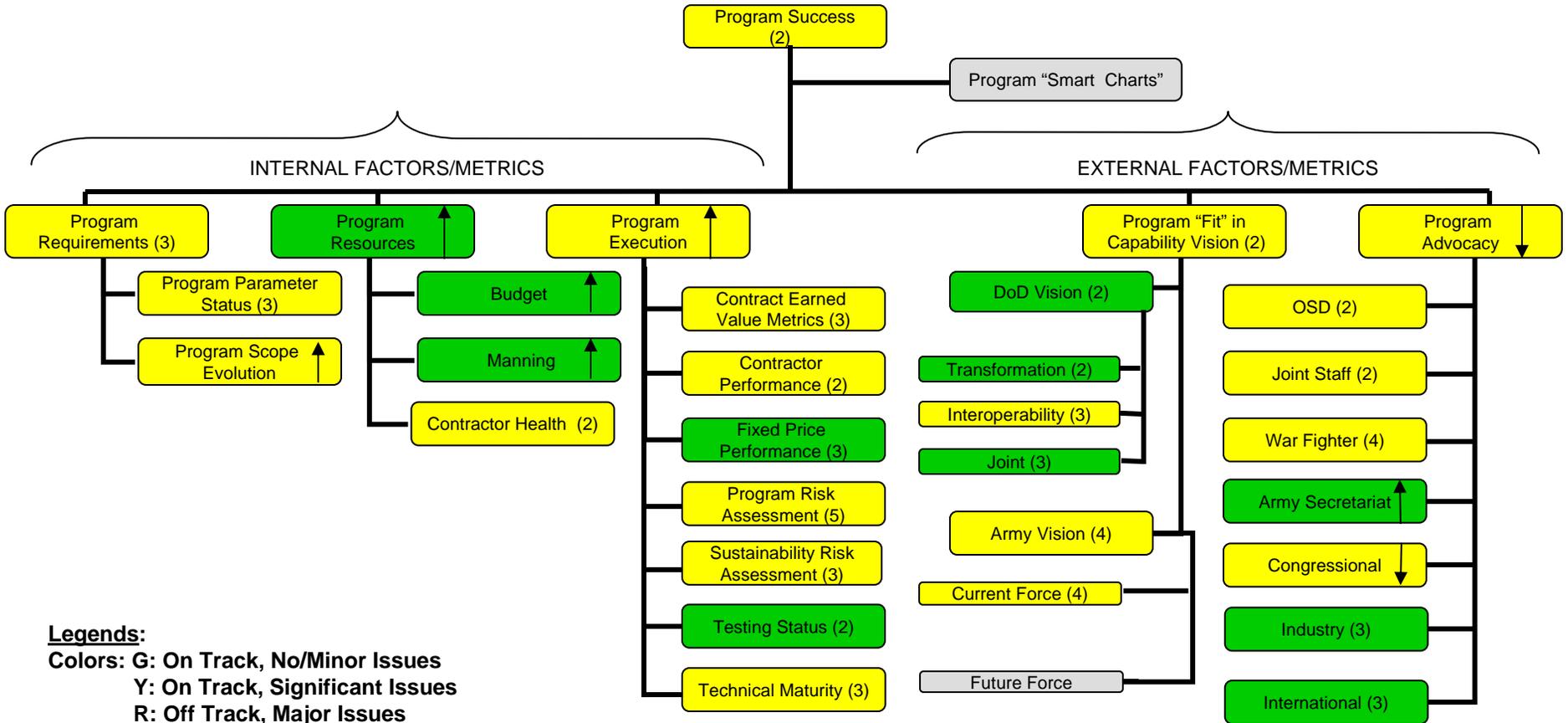
PROGRAM SUCCESS PROBABILITY SUMMARY

**PEO
XXX**

COL, PM

Date of Review: dd mmm yy

**Program
Acronym
ACAT XX**



Legends:

- Colors: G: On Track, No/Minor Issues
- Y: On Track, Significant Issues
- R: Off Track, Major Issues
- Gray: Not Rated/Not Applicable
- Trends: Up Arrow: Situation Improving
- (number): Situation Stable (for # Reporting Periods)
- Down Arrow: Situation Deteriorating

P(S) Summary Report



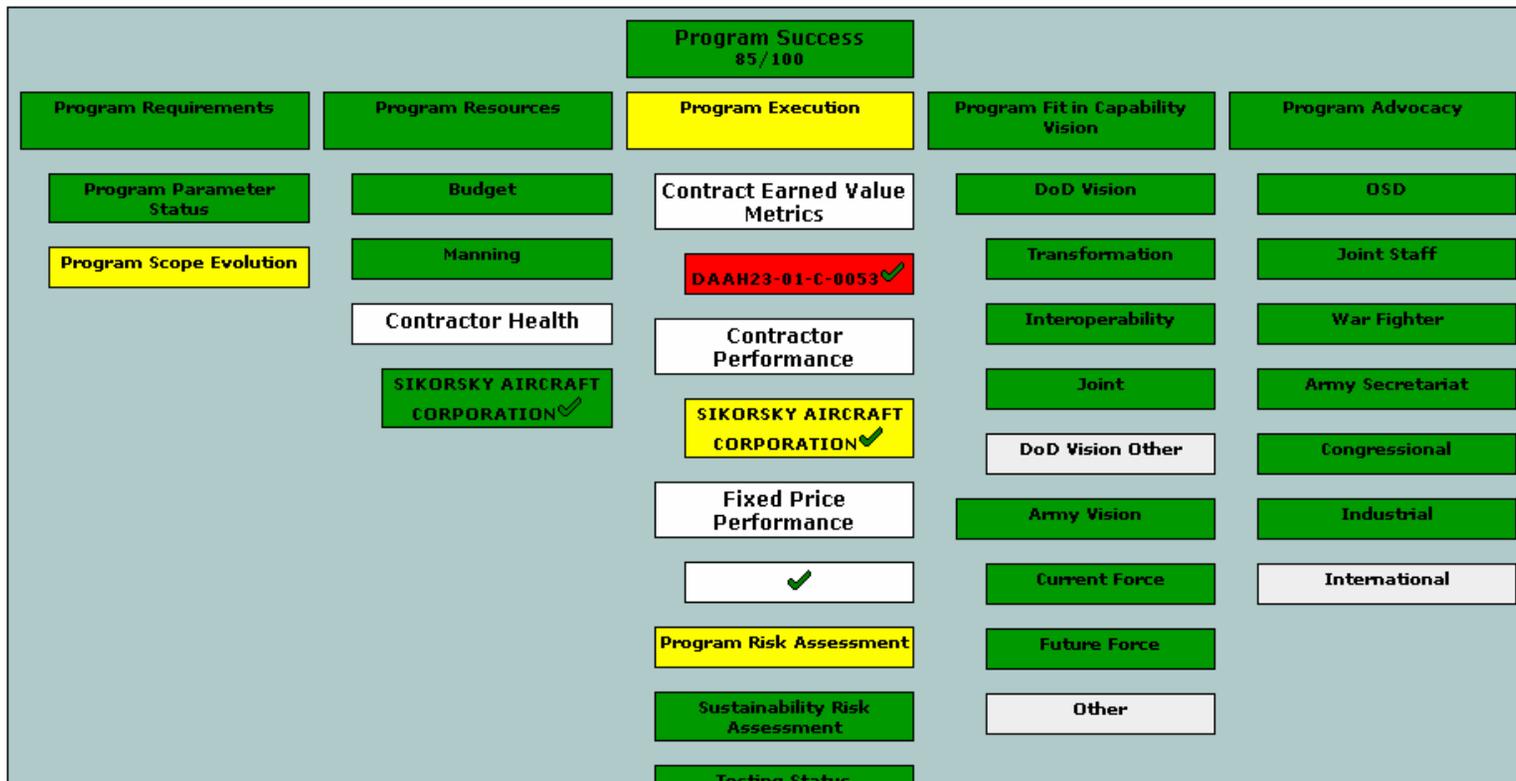
Welcome, Mr. Edmund
Blackford
PM UH

Probability of Success

Program: UH-60 MOD Report Date: Current



UH-60 MOD Current Summary Chart



PEO
XXX

REQUIREMENTS -
PROGRAM PARAMETER STATUS

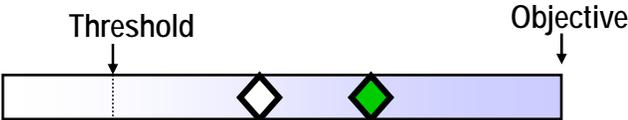
Program
Acronym
ACAT XX

COL, PM

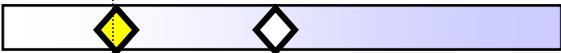
Date of Review: dd mmm yy

(EXAMPLES)

Combat Capability



C4I Interoperability
(Strategic, Theater, Force
Coord., Force Control, Fire
Control)



Cost



Manning (Non-KPP)



Sustained Speed



Endurance



Position diamond
along bar to best show
where each item is in
terms of its threshold -
objective range.

◇ -Status as of Last Brief
(mm/yy – e.g. “01/03”)

Comments:

Historical
Y₍₃₎

Predictive
Y

P(S) Program Parameter Status



Welcome, Mr. Edmund
Blackford
PM UH

Probability of Success

Program: UH-60 MOD Report Date: Current



Program Parameter Status

To Deliver Killer Blow to this section, check and save.

Check and save to mark this chart as NOT applicable.

- To edit the objective, threshold, current value or variance for an existing metric, click the appropriate column for the metric you wish to edit.
- Metrics in the Available Metrics drop-down selection box can be added to the P(s) report by choosing their name.
- Click the "[Add New Metric]" link to add a new metric for this program.

Included Metrics

Metric Name	Objective	Threshold	Current Value	Variance
[remove] APUC (BYD1\$M)	8.565	9.421	9.008	-0.413
[remove] Airspeed (Sus. Cruise) (KTAS)	175	145	146	1
[remove] Combat Radius (KM)	275	225	234	9
[remove] External Lift Payload (lbs)	10000	4500	5336	836
[remove] Interoperability	All	All Critical	All Critical	0
[remove] One Engine Interop (KTAS)	100	100	106	6
[remove] PAUC (BYD1\$M)	8.851	9.770	9.285	-0.485
[remove] Self-Deploy Range (nm)	1260	1056	1099	43

[\[Add New Metric\]](#)

Available Metrics

Available: [\[Add New Metric\]](#)

**PEO
XXX**

RESOURCES – CONTRACTOR HEALTH

COL, PM

Date of Review: dd mmm yy

**Program
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ACAT XX**

- **Corporate Indicators**
 - **Company/Group Metrics**
 - **Current Stock P/E Ratio**
 - **Last Stock Dividends Declared/Passed**
 - **Industrial Base Status (Only Player? One of __ Viable Competitors?)**
 - **Market Share in Program Area, and Trend (over last Five Years)**
 - **Significant Events (Mergers/Acquisitions/ “Distractors”)**
- **Program Indicators**
 - **Program-Specific Metrics**
 - **“Program Fit” in Company/Group**
 - **Program ROI (if available)**
 - **Key Players, Phone Numbers, and their Experience**
 - **Program Manning/Issues**
 - **Contractor Facilities/Issues**
 - **Key Skills Certification Status (e.g. ISO 9000/CMM Level)**
- **PM Evaluation of Contractor Commitment to Program**
 - **High, Med, or Low**

Historical



Predictive



P(S) Contractor Health

 Welcome, PM USER
PM TFX

Probability of Success

Program: TFX-01 Report Date: Current



Program Resources - Contractor Health

The contractor health data was saved successfully.

To Deliver Killer Blow to this section, check and save.

Check and save to mark this chart as NOT applicable.

[Return to Contractor List](#)

Contractor: COMPUTER SCIENCES RAYTHEON

This chart is being included in POS calculation.

PM Contractor Health Assessment

Corporate Indicators

- Company/Group Metrics
 - Current Stock P/E Ratio - 20.1
 - Last Stock Dividends Declared / Passed
 - Declared - 9/10/03 (payable 12/10/03) \$0.35 Regular Cash
 - 6/11/03 (payable 9/10/03) \$0.27 Regular Cash

Contractor Health Point Assignments

Point Assignments and Historical Rating

Green (-) Points (max: 3)

Predictive Rating **Green**

Other Comments

PEO Comment: Test of Contractor Health PEO Cmts

Headquarters Comment: Headquarters has not entered any comments

PEO
XXX

EXECUTION – CONTRACTOR PERFORMANCE

Program
Acronym
ACAT XX

COL, PM

Date of Review: dd mmm yy

Contractor:	((Contractor Name))							Contract Start Date:	MMM YY						
Program:	((Program Name))							Estimated Completion Date:	MMM YY						
Contract Number:	N00000-00-C-0000														
Item: (CPAR, IPAR or AF)	AF	CPAR	AF	AF	IPAR	CPAR	IPAR	AF	IPAR	IPAR	AF	IPAR	CPAR	IPAR	
Period Ending: (Mmm YY)	Jan 99	Apr 99	Jul 99	Jan 00	Mar 00	Apr 00	Jun 00	Jul 00	Sep 00	Dec 00	Jan 01	Mar 01	Apr 01	Jun 01	
Months Covered: (NR)	6	12	6	6	3	12	3	6	3	3	6	3	12	3	
Areas to Evaluate															
a. Technical (Quality of Product)		EXC			EXC	EXC	EXC								
(1) Product Performance		VG			VG	VG	VG								
(2) Systems Engineering		SAT			SAT	SAT	SAT								
(3) Software Engineering		MARG			MARG	MARG	MARG								
(4) Logistics Support/Sustainment		UNSAT			UNSAT	UNSAT	UNSAT								
(5) Product Assurance		EXC			EXC	EXC	EXC								
(6) Other Technical Performance		VG			VG	VG	VG								
b. Schedule		SAT			SAT	SAT	SAT								
c. Cost Control		MARG			MARG	MARG	MARG								
d. Management		UNSAT			UNSAT	UNSAT	UNSAT								
(1) Management Responsiveness		EXC			EXC	EXC	EXC								
(2) SubContract Management		VG			VG	VG	VG								
(3) Program Mgmt and Other Mgmt		SAT			SAT	SAT	SAT								
e. Other Areas		MARG			MARG	MARG	MARG								
(1) Communications		UNSAT			UNSAT	UNSAT	UNSAT								
(2) Support to Government Tests		UNSAT			UNSAT	UNSAT	UNSAT								
Award Fee Percentage:	85%		70%	90%				84%							

Historical



Predictive



P(S)Contactor Performance

 Welcome, Mr. Edmund Blackford
PM UH

Probability of Success

Program: UH-60 MOD Report Date: Current



Maintain UH-60 MOD Contractor Performance

Contractors [\[Manage Contractors\]](#)

Contractor	Included in Calculation
 SIKORSKY AIRCRAFT CORPORATION	

P(S)Contactor Performance

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Probability of Success
Program: UH-60 MOD Report Date: Current

Maintain UH-60 MOD Contractor Performance

Program Execution - Contractor Performance

To Deliver Killer Blow to this section, check and save.

Check and save to mark this chart as NOT applicable.

[Included Contractor List]
Contractor: SIKORSKY AIRCRAFT CORPORATION

This chart is being included in POS calculation.

PM Contractor Performance Assessment

Contractor Performance Assessment
-Last Evaluation: Summary of Performance Assessment Report Quarter ending
October 2003: Technical - Green; Schedule - Yellow; Cost Control - Yellow;
Management - Yellow

PM Evaluation of Current Status:

PEO Comment:
The PM is working hard with the contractor and we will see improvements in the ratings as time passes. Concur with rating of Yellow at this time.

**PEO
XXX**

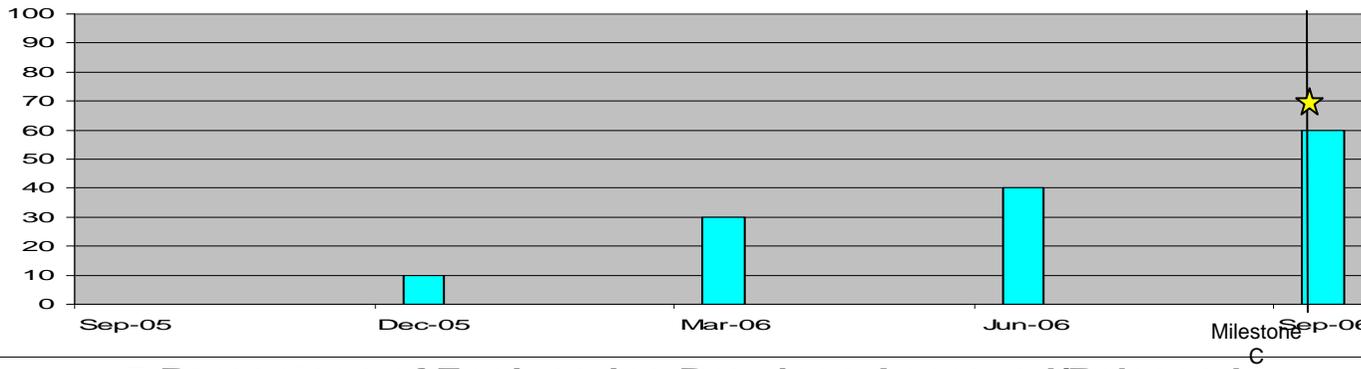
EXECUTION – TECHNICAL MATURITY

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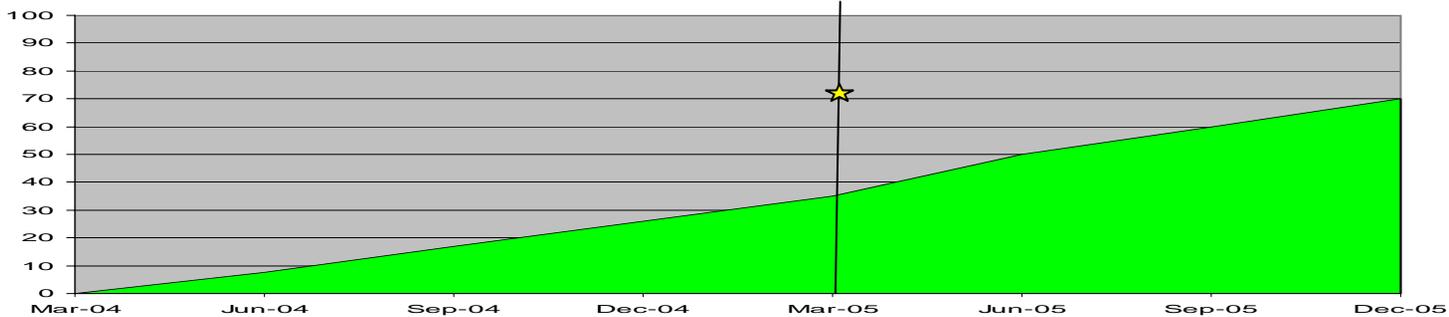
COL, PM

Date of Review: dd mmm yy

Percentage of Production Processes Under SPC

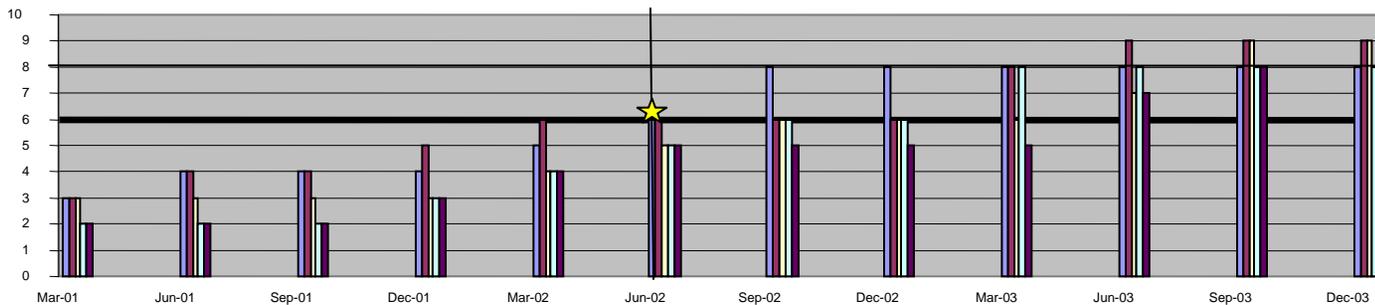


Percentage of Engineering Drawings Approved/Released



Maturity of Key Technologies

- Tech 1
- Tech 2
- Tech 3
- Tech 4
- Tech 5



Historical



Program
Initiation 14

Predictive



P(S) Technical Maturity

Check and save to mark this chart as NOT applicable.

Critical Technology Maturity

Critical Technology	Description (max length 250 characters)	TRL	Rating
 Improved Data Modem [Edit]	The IDM is key to aircraft interoperability for the Information Exchange Requirements (IER) KPP. It is the main brain for all situational	7	Green

[Add New Critical Technology]

Program Design Maturity

- Engineering Drawings
 - Percentage Of Drawings Approved/Released For Use: 88% Rating: **Green** ↑
 - Issues: (max length 250 characters)
- Program Integration/Production Factors
 - Integration/Production Factor | Description (max length 250 characters) | IRL/PRL | Rating

[Add New Integration/Production Factor]

Program Production Maturity

- Key Production Processes
 - Percentage Of Key Prod. Proc. Under Stat. Process Control: 47% Rating: **Red (6)**
 - Issues: (max length 250 characters)

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XXX

PROGRAM “FIT” IN CAPABILITY VISION

COL, PM

Date of Review: dd mmm yy

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<u>AREA(Examples)</u>	<u>STATUS</u>	<u>TREND</u>
DoD Vision	G	(2)
• Transformation	G	(2)
• Interoperability	Y	(3)
• Joint	G	(3)
Army Vision	Y	(4)
• Current Force	Y	(4)
• Future Force	(N/A)	(N/A)
• Other	(N/A)	(N/A)
• Overall	Y	(2)

Historical



Predictive



P(S) Program Fit

Program "Fit" in Capability Vision

Area	Total Points Possible	Point Assessments, Rating and Trend
DoD Vision	7.5	<input type="text" value="6"/> Points Green (2)
Transformation	<input type="text" value="2.5"/>	<input type="text" value="2"/> Points Green (2)
Interoperability	<input type="text" value="2.5"/>	<input type="text" value="2"/> Points Green (2)
Joint	<input type="text" value="2.5"/>	<input type="text" value="2"/> Points Green (2)
DoD Vision Other	<input type="text" value="0"/>	<input type="text" value="0"/> Points N/A (-)
Army Vision	7.5	<input type="text" value="6.5"/> Points Green (2)
Current Force	<input type="text" value="3.75"/>	<input type="text" value="3.25"/> Points Green (2)
Future Force	<input type="text" value="3.75"/>	<input type="text" value="3.25"/> Points Green (2)
Other	<input type="text" value="0"/>	<input type="text" value="0"/> Points N/A (2)

PM Comments (4000 character limit)

Program Fit Overall Point Assignments

Point Assignments and Historical Rating Predictive Rating

Green (2) Points (max: 15) **Green** ▾

Other Comments

**PEO
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PROGRAM ADVOCACY

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Date of Review: dd mmm yy

<u>AREA(Examples)</u>	<u>STATUS</u>	<u>TREND</u>
• OSD – (Major point)	Y	(2)
• Joint Staff – (Major point)	Y	(2)
• War Fighter – (Major point)	Y	(4)
• Army Secretariat – (Major point)	G	↑
• Congressional – (Major point)	Y	↓
• Industry – (Major Point)	G	(3)
• International – (Major Point)	G	(3)
• Overall	Y	↓

Historical



Predictive



P(S) Program Advocacy

Program Advocacy

To Deliver Killer Blow to this section, check and save.

Check and save to mark this chart as NOT applicable.

Program Advocacy Areas

Area	Total Points Possible	Assessed Points, Rating and Trend
✘ OSD	<input type="text" value="5"/>	<input type="text" value="5"/> Points Green (2)
	<u>PEO Comment:</u>	
✘ Joint Staff	<input type="text" value="4"/>	<input type="text" value="4"/> Points Green (2)
	<u>PEO Comment:</u>	
✘ War Fighter	<input type="text" value="4"/>	<input type="text" value="4"/> Points Green (2)
	<u>PEO Comment:</u>	
✘ Army Secretariat	<input type="text" value="5"/>	<input type="text" value="5"/> Points Green (2)
	<u>PEO Comment:</u>	
✘ Congressional	<input type="text" value="5"/>	<input type="text" value="5"/> Points Green (2)
	<u>PEO Comment:</u>	
✘ Industrial	<input type="text" value="2"/>	<input type="text" value="1.7"/> Points Green (2)
	<u>PEO Comment:</u>	
✘ International	<input type="text" value="0"/>	<input type="text" value="0"/> Points N/A (2)
	<u>PEO Comment:</u>	

Other Available Areas: There are no other areas available to be added [\[Request New Area\]](#)

Program Advocacy Overall Point Assignments

Point Assignments and Historical Rating

Predictive Rating

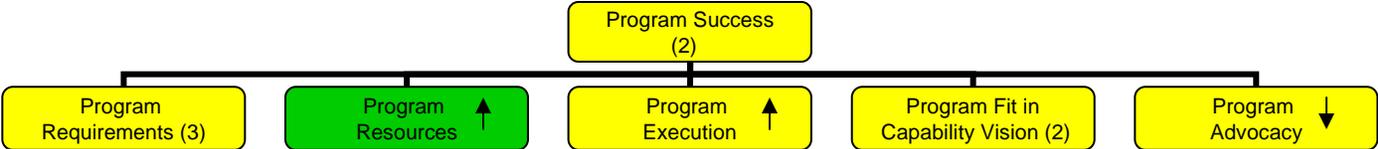
**PEO
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FINDINGS / ACTIONS

**Program
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ACAT XX**

COL, PM

Date of Review: dd mmm yy



- Comments/Recap – PM’s “Closer Slide”

P(S) Closer

	Welcome, Mr. Edmund Blackford PM UH	Probability of Success	
Program: UH-60 MOD Report Date: Current			
Program Success Closer			
Current Probability of Success			
Green (2) 85 / 100 Points			
PM Comment			
<p>The UH-60M is a key element to the US Army Modernization Plan, which in turn has its basis in the Army Vision and overarching modernization plan. The UH-60M modernization strategy reflects the Army Vision and Army modernization goals, 2010 war fighting requirements, the change in force structure requirements from the 1993 Aviation Restructuring Initiative (ARI) to Aviation XXI Force Structure, and emerging structure changes from Aviation XXI to meet the</p>			
PEO Comment			
<p>Concur. Once the contractor has rebaselined the Contractor Performance Indicators show marked improvement.</p>			
Headquarters Comment			
<p>Headquarters has not entered any comments yet</p>			
Green (2) 85 / 100 Points			
Save Spellcheck Print			

STATUS

- **Multiple Acquisition Staffs Have Requested P(S) and are Reviewing /Considering It for Use**
 - Navy, Air Force, USD(AT&L), NSA, DFAS, CIA, Nat'l Security Space Office
- **Product Briefings Requested by:**
 - Air Force and Navy Acquisition Executives
 - ASD (NII) Staff
 - HASC Staff
 - GAO
 - OSD (Acquisition Process IPT)
 - LMC0 (Program Management Institute)
- **Multiple DoD and Industry Program Managers (including F/A-22) have Adopted P(S) as an Internal Assessment/ Reporting Tool**
- **Some International Interest**
 - UK National Audit Office; Australian Defence Material Organisation
- **DEC 2004 – Army Finishing Up P(S) Implementation in ACAT I/II Programs**
- **APR 2005 – P(S) becomes the Standard Reporting System for all Army ACAT I and II Programs**
 - Army Acquisition Executive Retires the Two Previous Army Acquisition Reporting Systems (Major Acquisition Program Report (MAPR) and Major Acquisition Report (MAR)) in Favor of P(S)

BACKUP SLIDES

**PEO
XXX**

**REQUIREMENTS -
PROGRAM SCOPE EVOLUTION**

**Program
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ACAT XX**

COL, PM

Date of Review: dd mmm yy

	<u>Requirement</u>	<u>Funded Pgm</u> (Budgeted/Obl)	<u>Schedule (CE to FUE)</u> (Used / Planned)
• <u>Original</u>	ORD (date)	\$.#B / NA	NA / 120 Months
• <u>Current</u>	ORD (date) Stable Increased Descoped	\$.#B / \$.#B	170/210 Months

Comments:



P(S) Scope

		Welcome, Mr. Edmund Blackford PM UH		Probability of Success			
				Program: UH-60 MOD Report Date: Current			
Program Scope Evolution							
<input type="checkbox"/> To Deliver Killer Blow to this section, check and save.							
<input type="checkbox"/> Check and save to mark this chart as NOT applicable.							
* All \$ expressed in millions.							
Requirement		Funded Program Budget		Schedule (CE to FUE)			
				Used	Planned		
<ul style="list-style-type: none"> • Original 03/16/2001 • Current Date: <input type="text" value="04/25/2004"/> 		\$27713M \$ <input type="text" value="27462"/> M		NA <input type="text" value="42"/> Month(s)	74 Month(s) <input type="text" value="90"/> Month(s)		
Status: <input type="text" value="Stable"/>							
Comments		<input type="text" value="Original budget taken from CAIG estimate reflecting a quantity of 1221 UH-60M (4 RDTE a/c and 1217 APA funded). Current budget taken from APB which reflects a quantity of 1221 UH-60Ms (8 RDTE and 1213 APA funded). Original Schedule included 2 months in FY00 and FUE in Sept 06. Current Schedule includes 2"/>					
Program Scope Evolution Point Assignments							
Point Assignments and Historical Rating						Predictive Rating	
<input type="text" value="Yellow (2)"/>		<input type="text" value="7.5"/> Points (max: 10)		<input type="text" value="Yellow"/>			
Other Comments							
PEO Comment:		<input type="text" value="Concur with the rating of Yellow."/>					
Headquarters Comment:		<input type="text" value="Headquarters has not entered any comments"/>					



**PEO
XXX**

RESOURCES - BUDGET

**Program
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ACAT XX**

COL, PM

Date of Review: dd mmm yy

Army Goals (Obl/Exp):	First Year	Second Year	Third Year
RDT&E,A	95%/58%	100%/91%	-----
OP,A	70%/---	85%/---	100%/---
OM,A			-----

SUFF R/Y/G	FY01	OBL/ EXP	FY02	OBL/ EXP	FY03	OBL/ EXP	FY04	FY05	FY06	FY07	FY08	FY09
RDT&E, A		Xx% /yy%		Xx% /yy%		Xx%/ yy%						
OPA	N/A	Xx% /yy%	N/A	Xx% /yy%	N/A	Xx%/ yy%	N/A	N/A	N/A			
APA	N/A	Xx% /yy%	N/A	Xx% /yy%	N/A	Xx%/ yy%	N/A	N/A	N/A	N/A	N/A	N/A
WPA	N/A	Xx% /yy%	N/A	Xx% /yy%	N/A	Xx%/ yy%	N/A	N/A	N/A	N/A		
O&M,A	N/A	Xx% /yy%	N/A	Xx% /yy%		Xx%/ yy%						
MILCON	N/A	Xx% /yy%	N/A	Xx% /yy%	N/A	Xx%/ yy%	N/A	N/A	N/A	N/A	N/A	N/A

Historical



Comments:

Predictive



P(S) Budget



Welcome, PM USER
PM TFX

Probability of Success

Program: TFX-01 Report Date: Current



Resources - Budget

To Deliver Killer Blow to this section, check and save.

Check and save to mark this chart as NOT applicable.

OSD Goals (Obl/Exp): First Year Second Year Third Year

Army Goals (Obl/Exp): First Year Second Year Third Year

Click on a colored cell in order to cycle the color rating between red, yellow and green.

SUFFICIENT R/Y/G	FY02	OBL/ EXP	FY03	OBL/ EXP	FY04	OBL/ EXP	FY05	FY06	FY07	FY08	FY09	FY10
RDTE	N/A	0% / 0.00%	N/A	0% / 0.00%	N/A	0% / 0.00%	\$5771	\$5898	\$19714	\$21409	\$10906	\$11302
WTCV	N/A	0% / 0.00%	N/A	0% / 0.00%	N/A	0% / 0.00%	\$0	\$0	\$0	\$0	\$0	\$0

[\[Click to get most recent financial data\]](#) [\[Click to choose funding lines\]](#)

PM Comments (4000 character limit)

FY 01 - 03 is pulled from MAR (DD218)
 FY 04-09 is pulled from PROP database
 ACFT - APA funding (A&O492) is shared with other BLACK HAWK Modifications, such
 as Crashworthy External Fuel System, Medical Equipment Package, and other
 safety modifications.
 RDTE - In FY03, FY04, and FY05 respectively, \$13.2M, \$7M, and \$13.1M was added

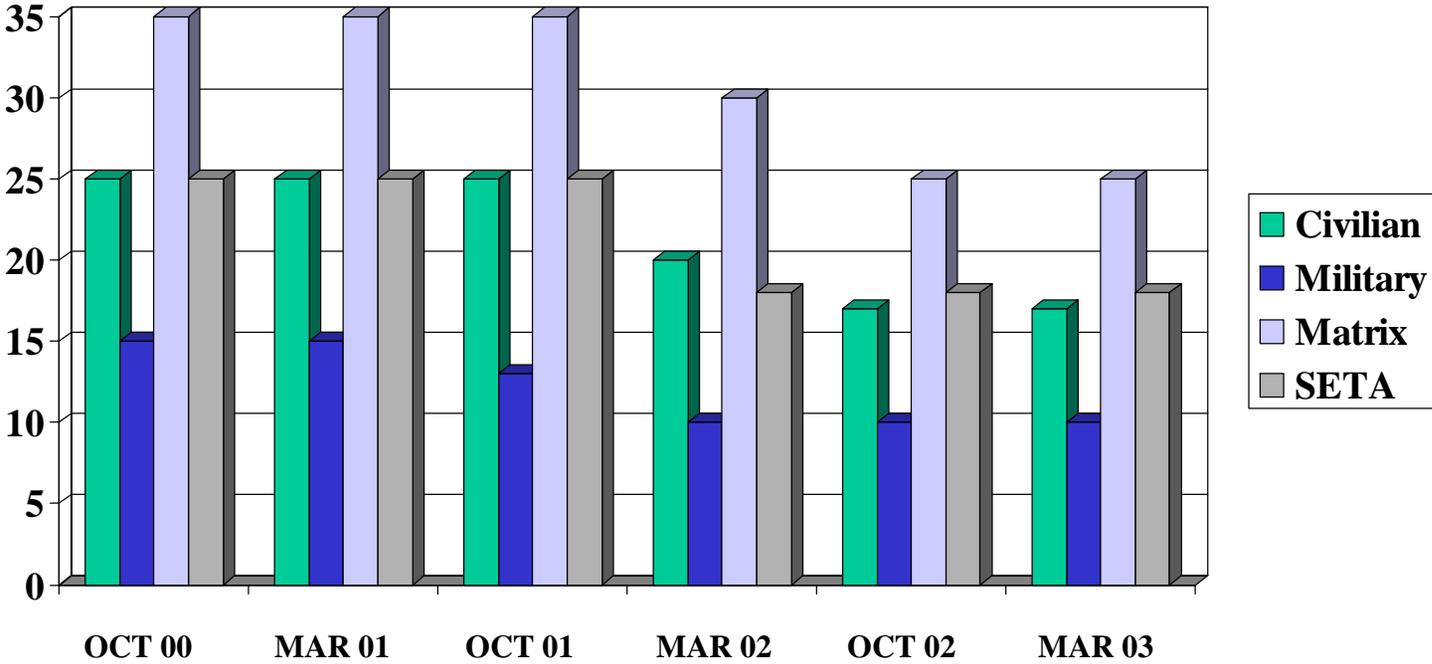
PEO
XXX

RESOURCES - MANNING

Program
Acronym
ACAT XX

COL, PM

Date of Review: dd mmm yy



Comments:

What Key Billets are Vacant?

- DPM Billet Still Vacant (Estimate Fill in Two Months)
- Lead Software Engineer (Emergent Loss) – Tech Director Filling In
 - Need S/W Experienced GS-14 ASAP

Is the Program Office Adequately Staffed? Yes (except as noted above)

Historical



Predictive



P(S) Manning

Program Resources - Manning

To Deliver Killer Blow to this section, check and save.

Check and save to mark this chart as NOT applicable.

Ending Month

Currently Selected Ending Month: May 2004

Change Ending Month To:

Included Manning Data

	Civilian		Military		Matrixed		SETA	
	Res.	Vac.	Res.	Vac.	Res.	Vac.	Res.	Vac.
May 2004	2	0	2	1	2	0	0	0
Apr 2004	2	0	8	1	2	0	0	0
Mar 2004	1	5	2	6	2	0	4	8
Feb 2004	10	0	15	1	2	0	2	0
Jan 2004	12	0	15	1	2	0	2	0
Dec 2003	10	2	2	0	2	1	3	0

Full program manning data can be viewed through the [Program Manager Application](#).

PM Comment

No key billets are currently vacant.
 The vacancy in Civilian area is a support role and is expected to be filled within the next 3 months.
 The Program office is adequately staffed (except as noted above).

Manning Resources Point Assignments

Point Assignments and Historical Rating

Predictive Rating

P(S) Contractor Health

 Welcome, Mr. Edmund Blackford
PM UH

Probability of Success

Program: UH-60 MOD Report Date: Current 

Maintain UH-60 MOD Contractor Health

Contractors [\[Manage Contractors\]](#)

Contractor	Included in Calculation
 SIKORSKY AIRCRAFT CORPORATION	

PEO
XXX

EXECUTION – CONTRACT EARNED VALUE METRICS [give short contract title]

Program
Acronym
ACAT XX

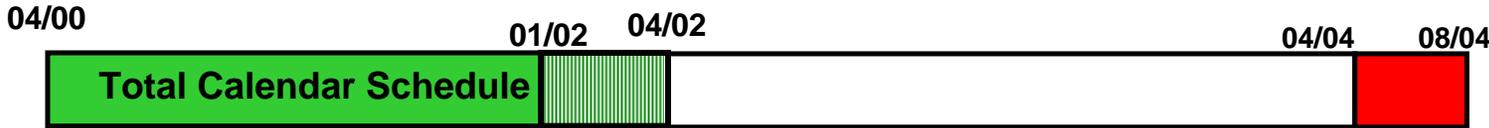
COL, PM

Date of Review: dd mmm yy

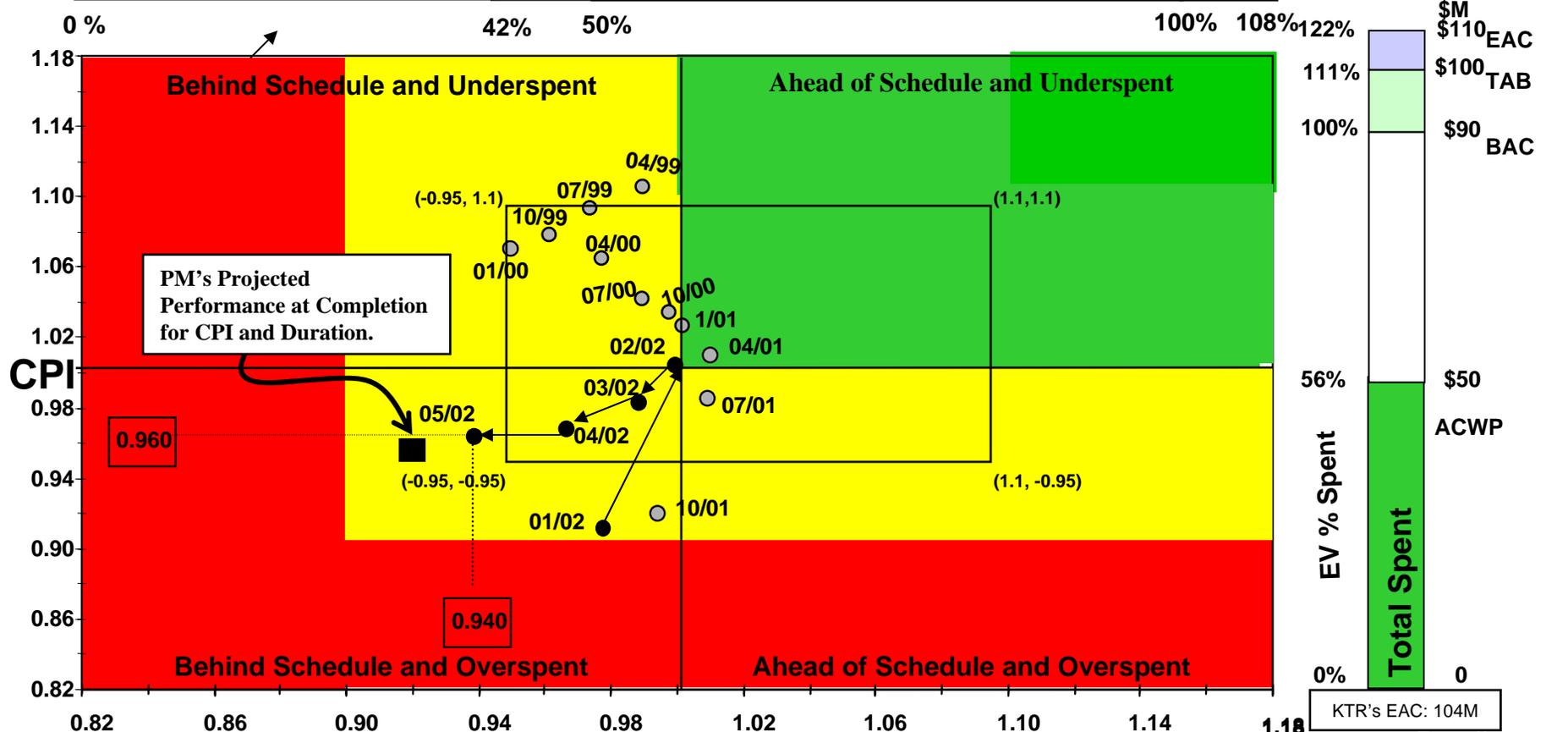
Axxxxx-YY-Cxxxx

Contractor Name [Prime or Significant Sub]

[TCPI_{EAC} = 0.76]
CV = \$2.0 M
SV = \$2.9 M



PM's EAC



Historical
Y₍₃₎

Date of Last Award Fee: MMM YY
Date of Next Award Fee: MMM YY

SPI

Date of Last Rebaselining: JAN02
31 Number of Rebaselinings: 1
Date of Next Rebaselining: MMM YY

Y

P(S) Earned Value Chart

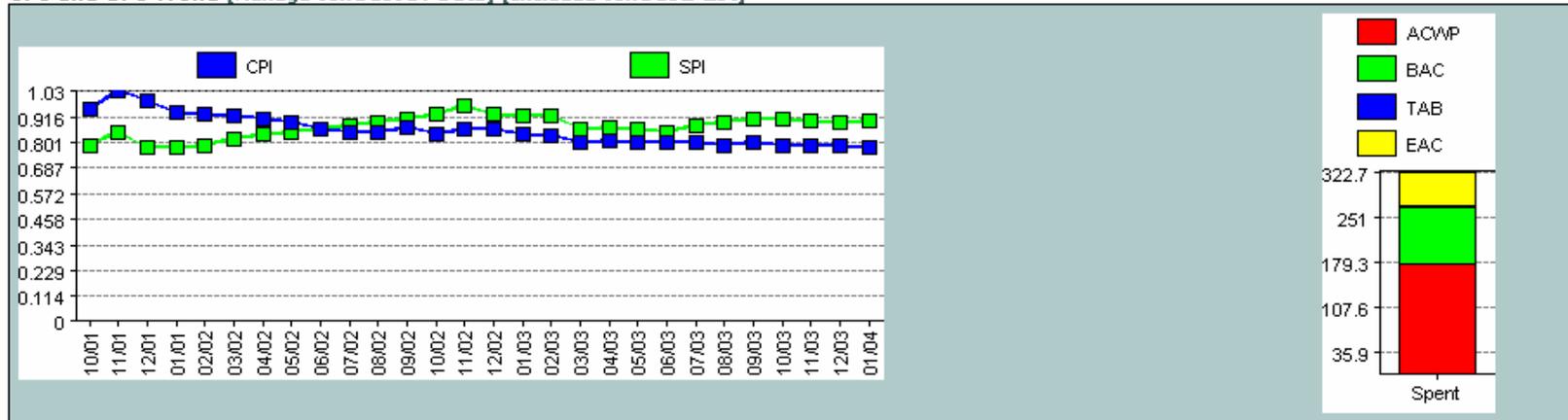
Current Contract DAAH23-01-C-0053 Earned Value

To Deliver Killer Blow to this section, check and save.

Check and save to mark this chart as NOT applicable.

This chart is being included in POS calculation.

CPI and SPI Trend [Manage Contract EV Data] [Included Contracts List]



Contract Data

Date of Last Award Fee:		Last Program Rebaselining Date:	
Date of Next Award Fee:		Number of Program Rebaselinings:	
CV:	-39.18	SV:	-13.11
TCPI:	0.88		

P(S) Earned Value Chart

Current Contract DAAH23-01-C-0053 Earned Value

To Deliver Killer Blow to this section, check and save.

Check and save to mark this chart as

This chart is being included in POS calculation

CPI and SPI Trend [Manage Contract EV D

Edit EV Data

Edit EV Data for Contract DAAH23-01-C-0053

V Data 5 Pages: [1](#) [2](#) [3](#) [4](#) [5](#)

Date Entered	TPrice	BCWS	BCWP	ACWP	CPI	SPI
05/2004	291.265	150.825	137.713	176.897	0.78	0.91
04/2004	243.05	150.034	134.302	172.2	0.78	0.90
03/2004	243.05	149.056	133.338	169.646	0.79	0.89
02/2004	238.091	144.686	130.48	164.646	0.79	0.90
01/2004	238.053	139.175	126.824	160.259	0.79	0.91
12/2003	237.646	135.481	123.769	154.857	0.80	0.91
11/2003	237.646	132.096	117.248	148.101	0.79	0.89

Add
Close

Contract Data

Date of Last Award Fee:

Date of Next Award Fee:

CV:

TCPI:

P(S) Earned Value Chart

Current Contract DAAH23-01-C-0053 Earned Value

To Deliver Killer Blow to this section, check and save.

Check and save to mark this chart as NOT applicable.

This chart is being included in POS calculation.

CPI and SPI Trend [Manage Contract EV Data] [Included Contracts List]

- ACWP
- BAC
- TAB

Maintain UH-60 MOD Contract Earned Value Metrics

Contracts [Manage Contracts]

Contract	Included in Calculation
DAAH23-01-C-0053	

Date of Last Award Fee:	Date of Program Rebaselining:
Date of Next Award Fee:	Number of Program Rebaselinings:
CV: -39.18	SV: -13.11
TCPI: 0.88	

**PEO
XXX**

EXECUTION – FIXED PRICE PERFORMANCE

COL, PM

Date of Review: dd mmm yy

**Program
Acronym
ACAT XX**

- **DCMA Plant Rep Evaluation**
 - **Major Issues**
- **Delivery Profile Graphic (Plan vs Actual)**
 - **Major Issues**
- **Progress Payment Status**
 - **Major Issues**

Historical



Predictive



**PEO
XXX**

**EXECUTION -
PROGRAM RISK ASSESSMENT**

**Program
Acronym
ACAT XX**

COL, PM

Date of Review: dd mmm yy

• A brief description of Issue # 1 and rationale for its rating.
• Approach to remedy/mitigation

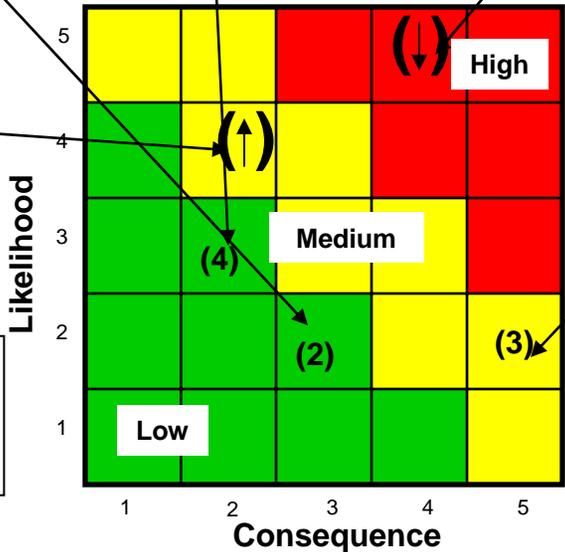
• A brief description of Issue # 5 and rationale for its rating.
• Approach to remedy/mitigation

• A brief description of Issue # 2 and rationale for its rating.
• Approach to remedy/mitigation

• A brief description of Issue # 3 and rationale for its rating.
• Approach to remedy/mitigation

• A brief description of Issue # 6 and rationale for its rating.
• Approach to remedy/mitigation

Trends: Up Arrow: Situation Improving
(#): Situation Stable (for # Reporting Periods)
Down Arrow: Situation Deteriorating



Historical



Predictive

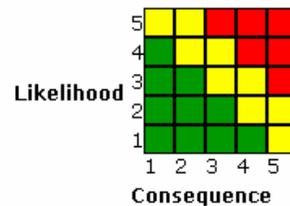


P(S) Risk Management

Current Program Risk Assessments

To Deliver Killer Blow to this section, check and save.

Check and save to mark this chart as NOT applicable.



Selected Risks [Maintain Risks]

Risk	Description	Likelihood	Conseq.	Rating/Trend	Mitigation Plan
Flight Management System (FMS) Build C (MEP)	Dual Flight Management System (FMS) SW problems with Build A/B carried forward to Build C. Currently 4 months behind schedule. SAC experiencing staffing problems. FMS Build C software is required for Limited User Test (LUT) and avionics flight tests. LUT would be delayed which may delay MS C.	2	4	Y (-)	[Edit] LUT in the SIL functionality has been prioritized for build C to meet requirements.
LUT in the SIL Execution	HW and SW components (MFDs, FMSs, E-Ports, etc) need to be delivered in a timely manner. LUT in the SIL is the key event to going to MS C; big increase to cost and schedule impact if not met.	1	4	G (-)	[Edit] Added technician to recover 3 weeks of HW assembly schedule. Conduct weekly LUT in the SIL progress reviews. Micro-managing HW and SW deliveries and issues on a daily basis.
Earned Value Management	EVMS controls have not been followed (Level III Corrective Action Report issued by DCMA). Lack of EVMS compliance contributed to current program restructure (APB RDT&E Cost Breach). SAC has shown improvements in EV processes, however, continued management emphasis is required to	2	5	Y (-)	[Edit] Increased DCMA oversight. Increased PM oversight and communications. Conduct 2 additional Integrated Baseline Reviews. Accurate and timely CPRs/CFSRs.

EXECUTION – SUSTAINABILITY RISK ASSESSMENT

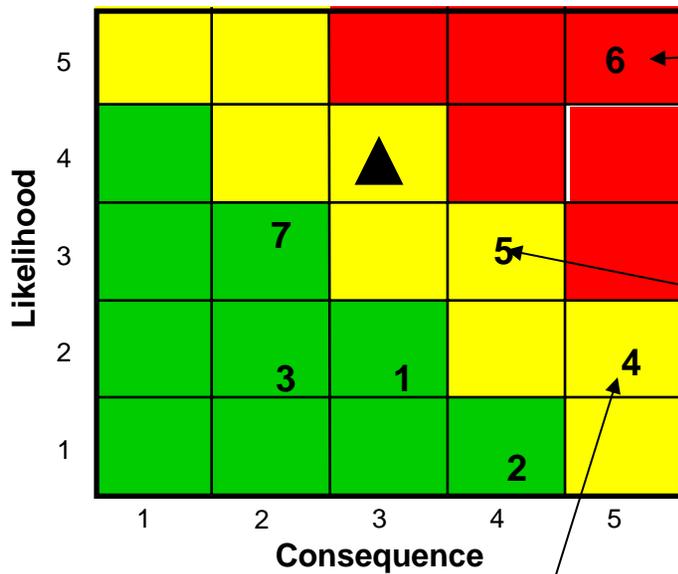
**PEO
XXX**

COL, PM

Date of Review: dd mmm yy

**Program
Acronym
ACAT XX**

■ Low Risk
 ■ Medium Risk
 ■ High Risk



RISK # 6
 Brief description of Issue and rationale for its rating.

 Approach to remedy/mitigation.

RISK #5
 Brief description of Issue and rationale for its rating.

 Approach to remedy/mitigation.

RISK # 4
 Brief description of Issue and rationale for its rating.

 Approach to remedy/mitigation.

- Sustainability Areas**
(examples)
- ▲ : Overall Assessment
- 1: Training
 - 2: Support Equipment
 - 3: Publications
 - 4: Facilities
 - 5: Maintenance Concept
 - 6: Supply Support
 - 7: MTBF/Ao/Reliability

Historical



Predictive

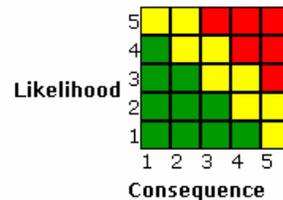


P(S) Current Sustainability Risk Assessment

Current Sustainability Risk Assessment

To Deliver Killer Blow to this section, check and save.

Check and save to mark this chart as NOT applicable.



Sustainment Risks

Risk	Description	Likelihood	Conseq.	Rating/Trend	Mitigation Plan
Training	[Edit] The current training approach is based on a three level maintenance concept. There will be an impact to AVIM level training when a two level maintenance concept is implemented. There is cost risk due to changing training package requirements (IMI, POI, etc).	4	1	G (-)	[Edit] Get user concurrence to develop training under two level maintenance and mod contract to change maintenance concept.
Supply Support	[Edit] Current Supply Support is based on a three level maintenance concept, changing to two level at end of development cycle may have cost impacts due to increased logistics pipeline requirements as well as ASL/PLL increases.	4	1	G (-)	[Edit] Get user concurrence to provision under two level maintenance and mod contract to change maintenance concept.
Publications	[Edit] Current manuals are being developed under three level maintenance concept. Change to two level maintenance concept will impact all -23 manuals. There will be cost impact to change all manuals.	5	1	Y (-)	[Edit] Get user concurrence to develop manuals under two level maintenance and mod contract to change maintenance concept.
Maintenance Concept	[Edit] Based on current ORD requirements, the HH/UH-60M build is under three level maintenance concept. Changing to a two level maintenance concept (Field and	5	1	Y (-)	[Edit] Get user concurrence to change ORD three level requirements to two level maintenance and mod contract to change maintenance concept.

**PEO
XXX**

EXECUTION – TESTING STATUS

COL, PM

Date of Review: dd mmm yy

**Program
Acronym
ACAT XX**

- **Contractor Testing (e.g. Qualification, Integration) - Status (R/Y/G)**
 - Major Points/Issues
- **Developmental Testing – Status (R/Y/G)**
 - Major Points/Issues
- **Operational Testing – Status (R/Y/G)**
 - Major Points/Issues
- **Follow-On Operational Testing – Status (R/Y/G)**
 - Major Points/Issues
- **Special Testing – Status (R/Y/G) (Could Include LFT&E, Interoperability Testing (JITC), Etc.)**
 - Major Points/Issues
- **TEMP Status**
- **Other (DOT&E Annual Report to Congress, etc – As Necessary)**

Historical



Predictive



P(S)Testing Status

Program Execution - Testing Status		
<input type="checkbox"/> To Deliver Killer Blow to this section, check and save.		
<input type="checkbox"/> Check and save to mark this chart as NOT applicable.		
Program Testing Phases		
<u>Name</u>	<u>Comment</u> (max length 4000 characters)	<u>Rating</u>
 Operational Testing [Edit]	Limited User Test in the System Integration Laboratory (LUT in the SIL) scheduled for 4QFY04. Initial Operational Test & Evaluation (IOT&E)	Green
 LFT&E [Edit]	LFT&E is scheduled to be completed in FY05.	Green
 Interoperability Testing [Edit]	UH PMO expects CTSF and JITC to grant Intra-Army Interoperability Certification and Joint Interoperability Certification as part of SW	Green
 TEMP Status [Edit]	Last update OSD approved as of 22 Oct 2003. TEMP update required prior to Milestone C.	Green
[Add New Program Testing Phase]		
Program Execution - Testing Status Point Assignments		
Point Assignments and Historical Rating		Predictive Rating
Green (2)	<input type="text" value="2"/> Points (max: 2)	Green
Other Comments		
PEO Comment: Concur with PM assessment.		
Headquarters Comment: Headquarters has not entered any comments		

Done Internet