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**Executive Communications and Control**

13 March 2003

*0131800 Ma*

3 VCSA *2-4 MAR 2003*  
2 DAS *11B 3/13/03*  
1 Dir, ECE *8/1*  
4 LTC Olson, 695-7922 *JAW*

*W/1*

**SUBJECT:** Firefinder AN/TPQ-36  
Recapitalization Program Baseline (RPB) Approval

1. **TYPE ACTION:** SIGNATURE                      **ACTION AGENCY:** ASA(ALT)
  
2. **DISCUSSION:** ASA(ALT) forwards three-star note (**Next Under**) to request VCSA dual signature on the Firefinder AN/TPQ-36 Recapitalization Program Baseline (RPB) Approval memo (**Tab A**).  
-- The AAE, Mr. Bolton, already signed the memo.
  - The AAE and VCSA approved the Firefinder AN/TPQ-36 Recapitalization Program Baseline (RPB) on SEP 02. CEAC has since approved and validated the RPB cost estimate for the FirefinderAN/TPQ-36.
  - The cost estimate remains unchanged, and is funded in the POM, as detailed in the RPB.
  - **Tab C** provides the MILDEP Recapitalization Guidance Letter, PEO CS/CSS validation letter, and CEAC validation letter.
  
3. **COORDINATION:** ASA(ALT), SAAL-ZL, G-8, G-4, PAED, OGC, SAAL-RI, SAAL-SI
  
4. **RECOMMENDATION:** VCSA dual sign memo (**Tab A**).

SIGNED: \_\_\_\_\_

SEE NOTE: \_\_\_\_\_

# 30302914



*John S. Caldwell, Jr.*  
10/24/03

THRU: ARMY ACQUISITION EXECUTIVE

FOR: VICE CHIEF OF STAFF, ARMY

SUBJECT: Firefinder AN/TPQ-36 Recapitalization Program  
Baseline (RPB) Approval

The enclosed subject memorandum is provided for both the Army Acquisition Executive and the Vice Chief of Staff, Army signatures. The Firefinder RPB obtained the required documentation and coordination from the Army Staff.

Very respectfully,

John S. Caldwell, Jr.  
LTG, GS

Enclosure



DEPARTMENT OF THE ARMY  
WASHINGTON, D.C. 20310

SAAL-SI

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Firefinder AN/TPQ-36 Recapitalization Program Baseline (RPB)  
Approval

The Program Executive Officer (PEO) conducted a Decision Review of the Firefinder AN/TPQ-36 Recapitalization Program and validated it pending final approval of the RPB by the Army Acquisition Executive/Vice Chief of Staff, Army (Tab A). The Firefinder AN/TPQ-36 RPB (Tab B) is submitted for review and approval by the Army Acquisition Executive/Vice Chief of Staff of the Army. The November 7, 2001, memorandum (Tab C) from LTG Caldwell tasked the PEO to comply with the RPB guidance.

In accordance with the Army Recapitalization Management Policy, Firefinder AN/TPQ-36 RPB, dated December 2002, is approved for implementation. The Program Executive Officer and Project Manager will execute all selected upgrades and rebuilds for the Firefinder AN/TPQ-36 in accordance with the funding and schedule baselines documented in the RPB. The RPB will provide the basis for sound management and historical record from which to measure success.

It is imperative that we work together and establish close partnerships at all levels to ensure success. Our warfighters depend on this recapitalization effort to maintain system readiness, sustainability, and combat overmatch as we transform the Army.

Point of contact for this matter is Mr. Paul Barry, 703 614-4540, or e-mail: paul.barry@saalt.army.mil.

  
Claude M. Bolton, Jr.  
Army Acquisition Executive

  
JOHN M. KEANE  
General, U.S. Army  
Vice Chief of Staff, Army

Enclosures

DISTRIBUTION:

ASSISTANT SECRETARY OF THE ARMY (ACQUISITION, LOGISTICS AND TECHNOLOGY), ATTN: SAAL-ZR, SAAL-RP

ASSISTANT SECRETARY OF THE ARMY (FINANCIAL MANAGEMENT AND COMPTROLLER), ATTN: SAFM-BUI

GENERAL COUNSEL, ATTN: SAGC

DEPUTY CHIEF OF STAFF, G-4, ATTN: DALO-SM

DIRECTOR, PROGRAM ANALYSIS AND EVALUATION, ATTN: DACS-DPZ-A

DIRECTOR, U.S. ARMY COST AND ECONOMIC ANALYSIS CENTER, ATTN: SAFM-CA-ZA

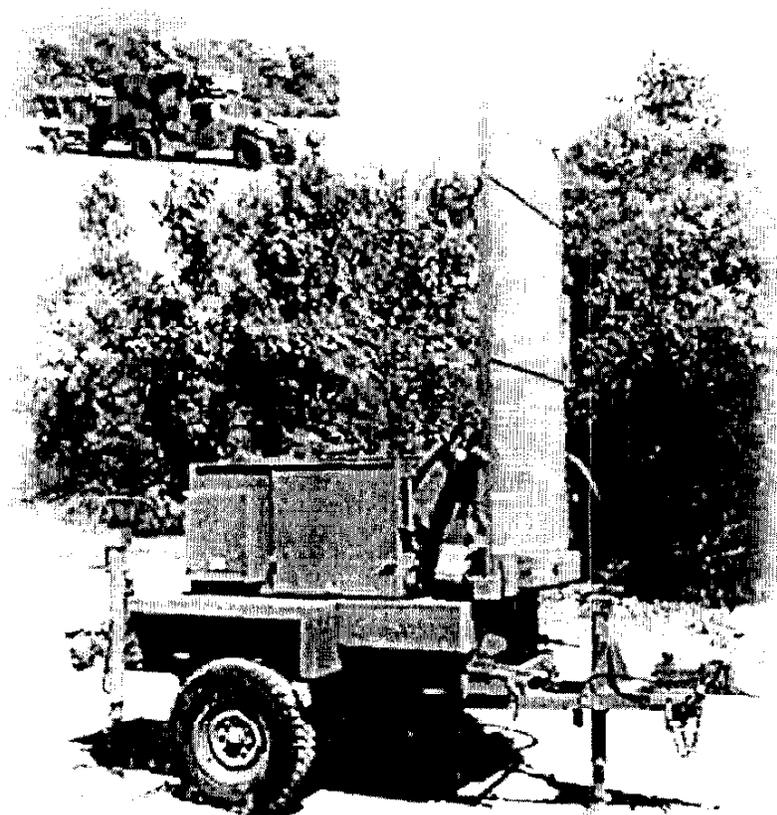
COMMANDERS:

U.S. ARMY MATERIEL COMMEND, ATTN: AMCRDA-AM

U.S. ARMY TANK-AUTOMOTIVE AND ARMAMENTS COMMAND, ATTN: AMSTA-CG

PROGRAM EXECUTIVE OFFICER, COMBAT SUPPORT/COMBAT SERVICE SUPPORT, ATTN: SFAE-CSS

*Firefinder AN/TPQ-36  
Antenna Focused  
Recapitalization Program Baseline*



0 Dec 02

## **Firefinder AN/TPQ-36 Antenna Focused Recapitalization (RECAP) Program Baseline**

**1. Program Description:** The original Firefinder AN/TPQ-36 Antenna Focused Recapitalization (RECAP) program was approved by the VCSA on 28 Sep 01. On 20 May 02, the VCSA approved adjustments to the program. The approved program is for a focused RECAP of all 92 system antennas, 45 of which are funded in the FY02/07 POM. However, a decision will be required in FY06 on whether to complete the remaining 47 antennas. Therefore, this program baseline addresses only those funds required to RECAP the first 45 antennas.

An Army depot (Tobyhanna Army Depot) and Industry (Raytheon Systems) team will accomplish the RECAP, as antennas are made available through a cycling process with Army units. The program will:

- RECAP and modernize the Firefinder AN/TPQ-36 Antenna Transceiver Group (ATG). An initial survey will determine the condition of various parts and a mandatory parts replacement will be included. The mandatory parts replacement items will leverage technology off the Sentinel Air Defense Radar Antenna and will address both parts obsolescence and technology insertion.
- Screen and replace electromechanical components that have limited life expectancy, unprocurable components and low MTBF. Replace gaskets, seals, filters, cables and wiring harnesses. Technology insertion will be accomplished through the use of Sentinel parts to both improve reliability in components and overcome obsolescence. An underlying premise of this program is that no software changes are required in the software code for operations or maintenance as a result of the Sentinel parts or other parts required during the RECAP process. Also, the antenna trailer will be replaced (this is done with the AN/TPQ-36(V)8 Electronics Upgrade). Final acceptance testing will minimize infant mortality. A formal live fire acceptance test will be completed to verify system performance.
- Upgrade all operator and maintainer training system antennas to the RECAP configuration.
- Adjust the component RECAP list, as necessary, to incorporate the latest analysis of candidate components by Raytheon and Tobyhanna Army Depot, the RECAP team. This will ensure RECAP resources are focused on the highest payoff components.

Background: The Firefinder radar systems locate the firing point of hostile mortar, artillery and rockets. The AN/TPQ-36 radar was designed in the mid -1970s and fielded to US Army units in the early 1980s. There are 92 systems in the active Army and National Guard. In the early 1990s, due to the age and repair costs of the AN/TPQ-36, the Army began an antenna overhaul program. This limited overhaul of the antennas consisted only of inspecting, testing, repairing and replacing Line Replaceable Units (LRUs), as necessary. The overhaul was completed with a system integration test and

alignment followed by a final acceptance. The overall average cost for one of these limited overhauls was \$340K per antenna. This limited overhaul did not address technology insertion or parts obsolescence.

The approved Firefinder RECAP program balances parts replacement with modernization to optimize total ownership costs to maximize the warfighting capability of the Objective force. The recapped antennas will be fielded with new AN/TPQ-36(V)8 shelters currently in production. Concurrently, PM Mobile Electric Power (MEP) is replacing old MEP112A generators with Tactical Quiet Generators (TQGs). The RECAP program provides a total system to the soldier that is zero miles/zero hours standard and utilizes current technology to solve parts obsolescence and improve reliability, maintainability and sustainability.

**2. Baseline Funding:** The funding in Table 2 summarizes the requirements for the first 45 systems of the RECAP program. A decision is required in FY06 on whether to complete the remaining 47 antennas. The MDEP RR15 has been established for the OMA portion of the funding, however, not all of the required OMA accounts and dollars have been moved to this MDEP at this time.

**TABLE 2 - Baseline Funding/Unit Cost**

(\$K)

RECAP	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	Total
Quantity		3	7	8	9	9	9		45
RDTE									
OPA			1,299	1,845	1,128	1,149	1,952	1,591	8,964
OMA									
Dep Maint	788	3,858	10,012	11,137	12,391	12,626	12,900	105	63,817
SSTS*		374	823	508	329	335	341	131	2,841
SDT			19	44	51	58	60	61	293
SDO			7	8	10	10	10	0	45
OMA Total	788	4,232	10,861	11,697	12,781	13,029	13,311	297	66,996
Grand Total	788	4,232	12,160	13,542	13,909	14,178	15,263	1,888	75,960

\*Note: Management/Support requirements are included under SSTS.

**3. Baseline Schedule:** Table 3a presents the Firefinder AN/TPQ-36 Focused RECAP Program schedule for the induction and fielding of the first 45 antennas. A decision is required in FY06 on whether to complete the 47 remaining systems.

**TABLE 3a - Baseline Schedule**

	FY02	FY03	FY04	FY05	FY06	FY07	FY08	Total
<b>Antennas Inducted</b>	3	7	8	9	9	9		<b>45</b>
<b>Antennas Fielded</b>	0	3	7	8	9	9	9	<b>45</b>

Table 3b below depicts the units fielded per year with the first 45 Recapped systems.

**TABLE 3b - Fieldings**

FY03 (3)	FY04 (7)	FY05 (8)	FY06 (9)	FY07 (9)	FY08 (9)
 SBCT 1-37 <sup>th</sup> FA (1)	 SBCT 172 <sup>nd</sup> SIB (1)	 SBCT 2 <sup>nd</sup> ACR (2)	 SBCT 25ID (1)	 3ID (3)	 1AD (3)
 SBCT 2-8 <sup>th</sup> FA (1)	 2ID (3)	 SBCT PANG (1)	 4ID (3)	 101AA (3)	 1ID (3)
 USAFAS (1)	 59 <sup>th</sup> Ord Bde (3)	 82AD (3)	 1CD (3)	 1AD Ft Riley (1)	Task Force Falcon (3)
		 10LID (2)	 USAFAS (2)	 1ID Ft Riley (1)	
				 25ID (1)	

**4. Performance:** The PM will track the metrics outlined in Table 4 to measure the effectiveness of the Firefinder Focused RECAP Program. The macro level metrics were formulated to be flexible and efficient performance measures. The responsible agency will exercise the process used to collect supporting empirical data at appropriate times to ensure all data elements required for the calculations are available.

**TABLE 4 – Baseline Performance**

<b>METRIC</b>	<b>OBJECTIVE</b>	<b>SOURCE OF DATA</b>	<b>CALCULATION METHOD</b>
Operational Readiness – Improved Reliability	Recapped equipment must meet the Chief of Staff's goal of 90%	CECOM/AMC Readiness Reporting	N/A
Fleet Age	The average age of Firefinder AN/TPQ-36 equipment, across the fleet, must be reduced beginning in FY04. After 45 Antennas are recapped, the average is 8 years.	N/A	In 2002, the average age is 16.5 years. As an antenna is recapped, its age is reset to zero, while all other antennas have aged an additional year. At the end of each year, the age will be calculated using the formula from the CAA-Center for Army Analysis as follows: $A = \frac{\sum(\text{Current Year-Production or RECAP Year})}{\text{Total Number of Antennas}}$
Reduced Field Maintenance Costs	The annual cost for parts per Recapped system must be reduced. Objective is 50% Cost Reduction	CECOM Logistics Readiness Center Reporting	Current annual cost per system for parts is \$39,000. Savings per system = \$39K – annual cost of parts for recapped system.
Extend Mean Time Between Depot Overhaul	Recapped equipment must extend the time between overhauls from 4 years to 10 years	CECOM Logistics Readiness Center Reporting	Timeframe between overhauls

**5. Interfaces:** The Firefinder RECAP program relies on a government – industry partnership to achieve cost, schedule and performance objectives. The partnership includes Raytheon and the Tobyhanna Army Depot. Each partner brings critical skills to the RECAP effort and is involved in several aspects of this integrated strategy.

Table 5 outlines the major recapitalization responsibilities of each partner.

**Table 5 – Interface Responsibilities**

<b>Depot/Industry Partnership</b>	<b>Agreements</b>	<b>Date of Signature/ Implementation</b>	<b>RECAP Initiative</b>
<b>Industry</b> Raytheon	Engineering Services Contract	Feb 02	Antenna RECAP Sentinel Parts Obsolete Candidate Parts
<b>Depot</b> Tobyhanna Army Depot	Statement of Work (SOW)	Mar 02	Antenna RECAP Mandatory Parts
<b>CECOM &amp; PEO IEW&amp;S</b>	Matrix Support Agreements	Annually	Oversight Cost reporting Metrics data
<b>USER</b> DCD Fort Sill, OK	Memorandum of Agreement (MOA)	In Co-ordination	Requirements



DEPARTMENT OF THE ARMY  
OFFICE OF THE ASSISTANT SECRETARY  
ACQUISITION LOGISTICS AND TECHNOLOGY  
103 ARMY PENTAGON  
WASHINGTON DC 20310-0103

07 NOV 2001

REPLY TO  
ATTENTION OF  
SAAL-SI

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Recapitalization Program Baseline

This memorandum sets forth guidance that should be followed to document and track the Army's Recapitalization effort. Enclosed is the template that will be used to develop and execute the individual systems Recapitalization Program Baseline. The Program/Project/Product Manager of the systems that have already been approved by the Army Acquisition Executive/Vice Chief of Staff, Army (AAE/VCSA) will be afforded 90 days from the date of this document to follow and complete the Recapitalization approval process laid out in this Recapitalization Program Baseline guidance. Future candidate systems that have not been seen by the AAE/VCSA will be afforded 60 days after an option is adopted, to complete the process of creating a baseline. All recapitalization systems will obtain validation, within afforded time frames, of the Baseline Cost Data, Cost Benefit Analysis and Trade Off Analysis from the Cost and Economic Analysis Center.

The point of contact for this matter is COL Jim Wells, DSN: 224-3993 or 703-614-3993.

A handwritten signature in black ink, appearing to read "John S. Caldwell, Jr.", written over the typed name.

JOHN S. CALDWELL, JR.  
Lieutenant General, GS  
Military Deputy to the  
Assistant Secretary of the  
Army (Acquisition, Logistics  
and Technology)

Enclosure

DISTRIBUTION:  
ASSISTANT SECRETARY OF THE ARMY (ACQUISITION, LOGISTICS AND  
TECHNOLOGY), ATTN: SAAL-ZR, SAAL-RP  
ASSISTANT SECRETARY OF THE ARMY (FINANCIAL MANAGEMENT  
AND COMPTROLLER), ATTN: SAFM-BUI



**DEPARTMENT OF THE ARMY**  
PROGRAM EXECUTIVE OFFICE  
INTELLIGENCE, ELECTRONIC WARFARE AND SENSORS  
FORT MONMOUTH, NEW JERSEY 07703-5301

REPLY TO  
ATTENTION OF

SFAE-IEW&S

6 JAN 2003

**DECISION MEMORANDUM**

**SUBJECT: Firefinder AN/TPQ-36 Antenna Recapitalization Program Baseline (RPB) and Recapitalization (RECAP) Decision Review**

1. In accordance with the Army Recapitalization Management Policy dated 11 April 2001, a Decision Review of the Firefinder AN/TPQ-36 Antenna RECAP Program occurred on 28 September 2001. As a result, this antenna program was approved for entry into Phase I – Program Definition and Phase II – Production/Fielding. It is now pending final approval of the RPB by the Army Acquisition Executive/Vice Chief of Staff, Army (AAE/VCSA).
2. On 20 May 2002 the VCSA approved adjustments to the RECAP Program. The approved program is for a focused RECAP of all 92 system antennas with the first 45 fully funded through FY-07. A follow-on funding decision is required in FY-06 to approve/disapprove the RECAP of the remaining 47 systems.
3. I have reviewed and concur with the Firefinder AN/TPQ-36 Antenna RPB which details the modernization of the Antenna Transceiver Group (Encl 1) and the Army Cost and Economic Analysis Center concurrence memorandum (Encl 2).

A handwritten signature in black ink, appearing to read "Edward T. Bair".

EDWARD T. BAIR

Program Executive Officer

Intelligence, Electronic Warfare & Sensors

2 Encls



DEPARTMENT OF THE ARMY  
OFFICE OF THE ASSISTANT SECRETARY  
FINANCIAL MANAGEMENT AND COMPTROLLER  
109 ARMY PENTAGON  
WASHINGTON DC 20310-0109



REPLY TO  
ATTENTION OF

SAFM-CE

26 NOV 2002

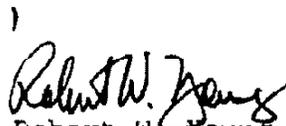
MEMORANDUM FOR THE PROGRAM EXECUTIVE OFFICER,  
INTELLIGENCE, ELECTRONIC WARFARE AND SENSORS,  
ATTN: SFAE-IEW&S-NV-FF (Ms. Anna Marie Van Brunt),  
FORT MONMOUTH, NJ 07703-5301

SUBJECT: Firefinder AN/TPQ-36 Recapitalization  
Baseline Cost Sufficiency Review

We have reviewed the cost presented for the Firefinder AN/TPQ-36. Our review focused on the recapitalization investment cost estimate. The submission provided a reasonable estimate of the total recapitalization baseline cost.

Per our agreement with the Assistant Secretary of the Army Acquisition, Logistics and Technology ASA(ALT), we did not examine the potential savings, affordability of the program, nor any potential supportability issues. The above exclusions will need further review and validation through an established ASA(ALT) O&S working group.

My points of contact are Mr. Pete Pavlos, (703) 601-4171 or DSN 329-4171, and Mr. John Murray, (703) 692-7408 or DSN 222-7408.

  
Robert W. Young

Encl

Deputy Assistant Secretary of the Army  
(Cost and Economics)

CF:  
PM Firefinder  
ASA(ALT), ATTN: SAAL-SA (MAJ Rick Stroyan)

## APPROVED PROGRAM

**Recapitalization Program.** The following represents the Recapitalization for the Firefinder (AN/TPQ-36) as approved by the VCSA on 28 SEP 01 and adjustments on 20 May 02.

	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	Total
RDTE	0	0	0	0	0	0	0	0	0
OMA									
Dep Maint	788	3,858	10,012	11,137	12,391	12,626	12,900	105	63,817
SSTS		374	823	508	329	335	341	131	2,841
SDT			19	44	51	58	60	61	293
SDO			7	8	10	10	10	0	45
<b>Tot OMA</b>	<b>788</b>	<b>4,232</b>	<b>10,861</b>	<b>11,697</b>	<b>12,781</b>	<b>13,029</b>	<b>13,311</b>	<b>297</b>	<b>66,956</b>
OPA									
Initial Spares	0	0	1,299	1,845	1,128	1,149	1,952	1,581	8,964
<b>Total Rqmts</b>	<b>788</b>	<b>4,232</b>	<b>12,160</b>	<b>13,542</b>	<b>13,909</b>	<b>14,178</b>	<b>15,263</b>	<b>1,888</b>	<b>75,960</b>

**Recapitalization Program Schedule.** The following table represents the Firefinder (AN/TPQ-36) Recapitalization Program schedule.

AN/TPQ-36 Recap Program	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	Total
Antennas Inducted	3	7	8	9	9	9			45
Antennas Fielded	0	3	7	8	9	9	9		45

**Office, Assistant Secretary of the Army (ALT)  
SUMMARY OF ACTION**

*Read in EOA on 11 MAR 03*

*5 Mar 03*  
TO: VCSA  
THRU: AAE  
THRU: MILDEP  
THRU: *Caps. B3/b*

ACTION OFFICER: Mr. Paul Barry  
OFFICE SYMBOL: SAAL-SI  
PHONE NO: 604-7018/604-7042  
DATE/TIME: 02-25-03/ 1500

SUSPENSE DATE:  
28 February 2003

CONTROL NO.  
NA

*30300250*

**SUBJECT:** Firefinder AN/TPQ-36 Recapitalization Program Baseline (RPB)

**RECOMMENDATION:** Army Acquisition Executive (AAE)/ Vice Chief of Staff, Army (VCSA) approve and sign the RPB.

**SUMMARY OF ACTION:** The Recapitalization Program Baseline (RPB) describes cost, schedule and performance objectives for the decision made by the AAE/VCSA on 19 Oct 01. The 7 Oct 01 letter from LTC Caldwell tasked PEO to comply with the RPB guidance and obtain the required coordination from the Major Subordinate Command along with the Army Cost and Economic Analysis Center (CEAC). PEO Intelligence Electronic Warfare and Sensors (IEW&S) conducted a decision review of the Firefinder AN/TPQ-36 Recapitalization Programs and approved it pending final approval of the RPB by the AAE and VCSA.

TAB A – AAE/VCSA approval letter

TAB B – RPB

TAB C – MIL DEP Recapitalization Guidance Letter/ PEO CS/CSS validation letter/ CEAC Validation Letter

**MILITARY DEPUTY ACTION**

**ASA (ALT) ACTION**

- [Approved]       [Recommend Approval]  
 [Disapproved]       [Recommended Disapproval]  
 PSM       Noted

- Approved       Disapproved  
 PSM       Noted

Comments :

Comments:

**COORDINATION**

**APPROVALS**

CC	NCC	OFFICE	NAME	PHONE		APPR	DISAPPR	INITIAL	DATE
X		SAAL ZL	Mr. Helmut Schelenz	604-7562	DEP				
X		G8	CW4 Tim Edwards	692-7268	ASST DEP	✓		<i>ESC</i>	2/27/03
X		G4	MAJ Mike Kerzie	614-0733	DEP XO	✓		<i>S.</i>	27 Feb 03
X		PAED	MAJ Jeff Angers	695-3829	DIR (SAAL-SI)	✓		<i>AAW</i>	25 Feb 03
NLO		OGC	Mr. Richard Sprunk	697-5120	DIR (SAAL-SA)	X		<i>RR</i>	25 Feb 03
X		SAAL-RI	MAJ Brian Shoop	614-3753					
X		SAAL-SI	Paul Barry	614-4540					

CC = Concur      NCC = Nonconcur      APPR = Approved      DISAPP = Disapproved  
 MS Word SAAL FORM 5      Developed by Sonal Patel

**Office, Assistant Secretary of the Army (ALT)  
SUMMARY OF ACTION**

<b>To:</b> VCSA  <b>Thru:</b> AAE  <b>Thru:</b> MILDEP	<b>ACTION OFFICER:</b> Mr. James Lee and LTC Paul Ostrowski	<b>SUSPENSE DATE</b>  5 February 2003
	<b>OFFICE SYMBOL:</b> SAAL-SA <b>PHONE NO:</b> 604-7018/604-7042 <b>DATE/TIME:</b> 29 January 03	<b>CONTROL NO.</b>

**SUBJECT:** Firefinder AN/TPQ-36 Antenna Focused Recapitalization Program Baseline (RPB) Approval

**RECOMMENDATION:** AAE approve, sign, and forward the RPB to the VCSA for signature.

X	ACTION		INFO	DRIVE LOCATION	
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**SUMMARY OF ACTION:**

The AAE and VCSA approved the Firefinder AN/TPQ-36 Antenna Recapitalization Program Baseline (RPB) on September 2002. CEAC has since approved and validated the RPB cost estimate for the Firefinder AN/TPQ-36. The cost estimate remains unchanged, and is funded in the POM as detailed in the RPB.

This tasker represents formal HQDA approval and distribution of the Firefinder AN/TPQ-36 RPB, and conforms with the Army Recapitalization Management Policy.

Recommend the MILDEP forward the attached memorandum to the AAE and VCSA for their signatures.

TAB <sup>B</sup>A - RPB; TAB <sup>C</sup>B - PEO IEWS Concurrence Memo; ~~TAB C~~ - CEAC Approval Memo TAB A - AAE/VCSA APPROVAL MEMO

MILITARY DEPUTY ACTION				ASA (ALT) ACTION			
<input type="checkbox"/> Approved	<input type="checkbox"/> Recommend Approval	<input type="checkbox"/> Disapproved	<input type="checkbox"/> Recommended Disapproval	<input type="checkbox"/> Approved	<input type="checkbox"/> Recommend Approval	<input type="checkbox"/> Disapproved	<input type="checkbox"/> Recommended Disapproval
<input type="checkbox"/> PSM	<input type="checkbox"/> Noted			<input type="checkbox"/> PSM	<input type="checkbox"/> Noted		
Comments:				Comments:			

COORDINATION					APPROVALS							
CC	NCC	OFFICE	NAME	PHONE		A	D	INT. Date		A	D	INT. Date
X		SAAL-ZL	<i>Richard Sprunk</i>	604-7018	DASA				ZXA			
X		G8	<i>Michael King</i>	604-7018	Asst. DASA				DIR			
X		G4	<i>Michael King</i>	604-7018	DIR				DEP DIR			
		PAED	<i>John P. King</i>	604-7018	DASA XO				DIR XO			
NLO		OGC	<b>RICHARD SPRUNK</b>	604-7018	Asst. G4				DIV			
X		SAAL-RI	<i>John P. King</i>	604-7018	XO, G4				CACO			
		SAAL-SI			Sec. DASA Format Review				Sec. DIR Format Review			

CC = Concur      NCC = Nonconcur      A = Approved      D = Disapproved

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