DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 20310

10 APR 2002

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Apache Recapitalization Program Baseline (RPB) Approval

1. The Apache RPB (TAB A) is the first of 17 major Army systems to submit its Recapitalization Program Baseline for review and approval by the Army Acquisition Executive/Vice Chief of Staff of the Army. The October 7, 2001, letter (TAB B) from LTG Caldwell tasked Program Executive Officer (PEO) Aviation to comply with the RPB guidance and obtain the required coordination from the Major Subordinate Command. The PEO Aviation conducted a Decision Review of the Apache Recapitalization Program and approved its entry into Phase I – Program Definition and Phase II – Production/Fielding (TAB C).

2. In accordance with the Army Recapitalization Management Policy, the Apache RPB, dated January 30, 2002, is approved for implementation. The Program Executive Officer and Project Manager will execute all selected upgrades and rebuilds for the Apache system in accordance with the funding and schedule baselines documented in the RPB. The RPB will provide the basis for sound management and a historical record from which to measure success.

3. 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.

Claude M. Bolton, Jr.
Claude M. Bolton, Jr.
Army Acquisition Executive

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

Enclosures

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SUBJECT: Apache Recapitalization Program Baseline (RPB) Approval

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DEPARTMENT OF THE ARMY
OFFICE OF THE PROGRAM EXECUTIVE OFFICER, AVIATION
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REPLY TO
ATTENTION OF

SFAE-AV

1 February 2002

DECISION MEMORANDUM

SUBJECT: Apache Recapitalization Program Baseline (RPB) and Recapitalization Decision Review

1. In accordance with the Army Recapitalization Management Policy dated 11 Apr 2001 and the Apache RPB guidance dated 7 Nov 2001, I have conducted a Decision Review of the Apache Recapitalization Program and approved its entry into Phase I - Program Definition and Phase II - Production/Fielding, pending final approval of the RPB by the Army Acquisition Executive/Vice Chief of Staff, Army (VCSA).

2. On 20 April 2001, AAE/VCSA approved the General Officer Working Group recommended option for Apache Recapitalization as follows: 501 AH-64D conversions with focused recap and 203 AH-64A models focused recap through spares.

3. The Defense Acquisition Board approved the Integrated Program Summary, Acquisition Plan, and Acquisition Strategy for the Longbow Apache Acquisition Program during the production Milestone Decision Review, which is directly applicable to the current recapitalization program.

4. I have separately reviewed and approved the Longbow Apache Program Baseline which incorporates the following: 1) The AH-64D airframe remanufacture program; 2) The Task Force Hawk fixes including the Modernized Target Acquisition Designation Sight/Pilot Night Vision Sensor; and 3) The Apache Reliability and Safety program.

5. In addition, I have reviewed and concurred with the following documents: 1) The Apache RPB; 2) The AAE/VCSA approved Apache Recapitalization Brief including the cost benefit and tradeoff analysis for the Apache recapitalization program; 3) The Army Cost and Economic Analysis Center and the Aviation and Missile Command concurrence documentation; and 4) The Corpus Christi Army Depot Memorandum of Understanding.

Joseph L. Bergantz
JOSEPH L. BERGANTZ
Major General, U.S. Army
Program Executive Officer, Aviation

Encl

Apache
Recapitalization Program
Baseline

30 JAN 2002

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1. Program Description: On 20 April 2001, the VCSA approved the Apache Recapitalization Program. The Recapitalization Program will be accomplished in production, through field retrofit, and recapitalization spares attrition. The program will:

- Recapitalize and remanufacture 501 Apache A model aircraft into D models and incorporate the following recapitalization initiatives: Remanufacturing effort, Task Force Hawk initiatives* which includes the Modernized-Target Acquisition Designation Sight/Pilot Night Vision Sensor (M-TADS/PNVS), Reliability and Safety (R&S) fixes, and selected component recapitalization, see TAB - 1c.

- Recapitalize 203 AH-64As with M-TADS/PNVS, internal auxiliary fuel tanks, Reliability and Safety (R&S) fixes, and selected component recapitalization. These aircraft will retain the A model designation.

- Upgrade all operator and maintainer training systems to the recapitalized configuration.

- Incorporate the Sandia National Laboratory analysis of components and the results of the nonrecurring engineering analysis of components. This action ensures that recapitalization resources are focused on the highest payoff components. (Current approved parts configuration for TADS/PNVS, R&S Components, Selected Depot Level Reparables, and M-TADS is included in TAB - 1a). The initial candidate list is in TAB - 1b.

- The top ten cost drivers are identified in TAB - 1d.

2. Baseline Funding: The following table contains funding information extracted from the Presidential Budget FY03.

TABLE 1 - Baseline Funding/Unit Cost
(Funding TY$ M)

Required	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY02-09	EPP	Total
RDTE	39.9	46.2	0.0						86.0		**86.0**
PA	950.4	992.9	881.3	562.3	627.2	456.3	470.5	471.2	5411.9	1185.2	**6597.1**
Weapon Sys.	880.8	922.6	820.0	517.0	613.5	452.8	468.6	471.2	5146.6	1185.2	**6331.8**
Training Sys.	47.0	47.7	41.7	31.8					168.1		**168.1**
Initial Spares	1.4	3.8	11.2	12.8	13.0	2.8	1.9		46.8		**46.8**
STS	21.2	18.8	8.4	0.7	0.7	0.7			50.5		**50.5**
OMA	13.8	10.0	24.5	25.9	1.8	0.1	0.1	0.1	76.4		**76.4**
Recap											
SSTS	4.8	6.0	0.0	0.0	0.0	0.0			10.8		**10.8**
COSIS											
SDO											
SDT	9.0	4.0	5.7	5.9	1.8	0.1	0.1	0.1	26.8		**26.8**
PPSS											
MWO											
Initial Spares	0.0								0.0		**0.0**
Support Equip.											
Training Sys.											
CLS			18.8	20.0							38.8
USF Cost											
Other Funded											
Training											
Manning											
Munitions											
Installation Spt.											
Total	**1004.0**	**1049.0**	**905.8**	**588.2**	**629.0**	**456.4**	**470.6**	**471.3**	**5574.4**	**1185.2**	**6759.6**

System Name	FY02 Program Acquisition Unit Cost	
AH-64D	Airframe/Fire Control Radar	**$9.4 / $3.3**
AH-64A	Airframe	**$10.1/N/A**

* TF Hawk requirement for SIRFC and SIIRCM will not be met due to ASE funding cuts

3. Baseline Schedule: The following table presents the current projected Apache Recapitalization Program schedule. All major recapitalization initiatives are grouped by aircraft model (AH-64A and AH-64D) with end state quantities annotated in the far right column. Recapitalization Program elements currently completed have quantities in the "to date" column. Quantities reflected in the table are deliveries, which are preceded by 12 to 18 months of acquisition activities (e.g., proposal evaluations, contract negotiations, system development, etc.). Dates and quantities in the chart below may change as a result of definitive contract schedules.

TABLE 2 - Baseline Schedule

AH-64 Recap Program	A	D	To Date	FISCAL YEAR DELIVERIES									Ttl
				02	03	04	05	06	07	08	09	10	
MYI (Lot 1-5) & MYII (Lot 6-10)			203	57	59	65	67	50					501
Longbow Crew Trainer		X	9	3	4	2	2	2					22
M-TADS/PNVS		X				5	30	114	191	161			501
* Internal Aux Tanks		X			36	36	18	18	36	70	120	167	501
* HF Radio & Video Upgrades		X			35	65	67	50					217
Reman R&S - 18 Fixes		X			10	65	67	50					192
Retrofit R&S - 19 Fixes		X				25	72	90	72	50			309
Selected Component Recap		X				90	139	140	72	60			501
CMS Upgrades	X			1	2	2	2						7
M-TADS/PNVS	X					2	35	15	29	76	46		203
Internal Aux Tanks	X				12	12	6	6	12	26	50	79	203
Retrofit R&S - 27 Fixes	X									11	96	96	203
Selected Component Recap through spares	X			QUANTITIES ARE A FUNCTION OF DEMAND RATE									203

* Task Force Hawk Fixes

4. Performance Metrics: The performance metrics outlined in Table 3 will be used to measure the Recapitalization Program's effectiveness. The macro level metrics listed below were formulated to be flexible and efficient performance measures.

- Maximize marginal return on recapped components
- Increase unscheduled MTBR for selected recapitalized components
- Reduce average fleet life

Data collection efforts will consist of the following:

- Lead the Fleet: One aircraft flown by ATTC at Ft. Rucker
- 2-101st: One attack battalion allowing data collection before and after recap effort
- 21st Cav: Tracks operational and maintenance performance of AH-64D Bns rotating thru their collective training program
- AMSAA: Collects and analyzes recap data for R-TOC
  - Supply Data
  - Demand history
  - Operating and Support Management Information System (OSMIS)

AMSAA will collect and analyze recapitalization data for R-TOC. R-TOC 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 3 - Baseline Performance Metrics Table

Metric	Objective	Source of Data
Formula	**Performance Measures**	
1. Maximize marginal return on recapped components	20% return on each top 10 cost driver	OSMIS database
$AMRC = \frac{AC(B)}{MTBR(B)} - \frac{AC(R)}{MTBR(R)}$	The first calculation is made when the top 10 cost drivers have 10 fleet wide failures each. Final measurement is made when the top 10 cost drivers have 30 fleet wide failures each.	
Where: AMRC = Average Marginal Return on Component ($/HR) AC(B) = Average Cost of Baseline Component AC(R) = Average Cost of Recapped Component MTBR(R) = Unscheduled Mean Time Between Removal – Recapped Component MTBR(B) = Unscheduled Mean Time Between Removal – Baseline Component		
2. Increase Unscheduled MTBR for Selected Recapitalized Components	20 % Increase See performance measurement	DA2410 database OSMIS database
$MTBR = \frac{\sum_{i=1}^{n}\left(\frac{MTBR(R)_i}{MTBR(B)_i} - 1\right)}{N} \times 100\%$	The first calculation is made when 10 recapped components have 10 fleet wide failures each. Intermediate calculations are made annually thereafter. Final measurement will be made when all recapped components have 30 fleet wide failures each.	
Where: MTBR = Percentage Change of Unscheduled Mean Time Between Removal (%) MTBR(R) = Unscheduled Mean Time Between Removal – Recapped Component MTBR(B) = Unscheduled Mean Time Between Removal – Baseline Component N = Sum of Components		
3. Reduce Average Fleet-Life	9.8 years by 2010	Apache DD250 Spreadsheet
$AFL = \sum_{i=1}^{n} \frac{A_i}{N}$	The approved recapitalization plan will reduce the current baseline projection of 16.5 years (without MYII) to less than 7 years in FY07 and less than 10 years in FY10.	
Where: AFL = Average Fleet Life A = Age of ACFT in years based on DD250 date N = Sum of ACFT in fleet		

5. Interfaces: The Apache Recapitalization Program relies on a government-industry partnership to achieve cost, schedule and performance objectives. These partnerships include Boeing; Lockheed-Martin; Team Apache Systems (composed of Boeing/Lockheed-Martin); and Corpus Christi Army Depot (CCAD). Each partner brings critical skills to the recapitalization effort and is involved in multiple aspects of this integrated strategy. Table 4 outlines the major recapitalization responsibilities of each partner.

TABLE 4 - Baseline Interface

Depot/Industry Partnership	Agreements	Date of signature/ Implementation	Test Relationship (if required)	Recap Initiative
Boeing	MYII	Sept-00/ Oct-00	None	Airframe Remanufacture Task Force Hawk Fixes Reliability and Safety Fixes Component Level Recap & Retrofit
Lockheed-Martin	TADS/PNVS	Apr 01/Mar 02	None	13 Selected LRU's
Team Apache Systems	M-TADS	Oct-00/ Nov-00	None	AH-64D M-TADS/PNVS AH-64A M-TADS/PNVS
CCAD	REMAN	Apr 95	None	Pre-mod agreement for remanufacture
CCAD-Boeing	RECAP	MOU Sept-00/ Contract Feb-02	None	Boeing provides technical support, kits and parts CCAD provides management, labor and facilities

JOSEPH L. BERGANTZ
Major General, USA
Program Executive Officer, Aviation

RALPH G. PALLOTTA
COL, AV
Project Manager
Apache Attack Helicopter

Priority	MSC	AH-64		NOMENCLATURE	NSN
		A	D		
1	AMCOM		x	TV SENSOR	12700119992049
2	AMCOM		x	DAY SENSOR SUB ASSEMBLY	1240012326568
3	AMCOM		x	LASER TRANCEIVER UNIT	1270014089015
4	AMCOM		x	PNVS AZIMUTH DRIVE GIMBALS	6105013344949
5	AMCOM		x	ENVIRONMENTAL CONTROL SYSTEM	4120013029578
6	AMCOM		x	TADS TURRET	1270013413366
R&S COMPONENTS (TACOM)					
1	TACOM	x	x	CARRIER DRIVE ASSEMBLY	1005012217602
2	TACOM	x	x	MOTOR,HYDRAULIC (AWS)	1650011839529
3	TACOM	x	x	AZIMUTH DRIVE ASSEMBLY	1005013980015
4	TACOM	x	x	ACTUATOR,GUN TURRET	1005012210436
5	TACOM	x	x	TURRET CONTROL BOX	5390013981523
6	TACOM	x	x	TRAIN RATE SENSOR	6615013811678
7	TACOM	x	x	GUN CONTROL BOX	1005013294861
R&S COMPONENTS (AMCOM)					
1	AMCOM	x	x	PYLON, AIRCRAFT (4)	1560012413523
2	AMCOM	x	x	TRANSMISSION,MAIN	1615014618845
3	AMCOM	x	x	HEAD,ROTARY WING (MR)	1615014616127
4	AMCOM	x	x	GEARBOX,TAIL ROTOR	1615012547793
5	AMCOM	x	x	DRIVE UNIT,ANGLE (NGB L/H)	3010014643209
6	AMCOM	x	x	DRIVE UNIT,ANGLE (NGB R/H)	3010014643208
7	AMCOM	x	x	BUCS SERVOCYLINDER (Dir T/R) (1 ea)	TBD
8	AMCOM	x	x	BUCS SERVOCYLINDER (Coll/Lat) (2 ea)	1650012737610
9	AMCOM	x	x	BUCS SERVOCYLINDER (Long) (1ea)	TBD
10	AMCOM	x	x	GEARBOX,INTERMEDIATE	1615014787102
SELECTED DEPOT LEVEL REPARABLES					
1	AMCOM		x	SWASHPLATE,CONTROL, (M/R)	1615013257002
2	AMCOM		x	SWASHPLATE,CONTROL (T/R)	1615013122388
3	AMCOM		x	MANIFOLD,HYDRAULIC	4730013261804
4	AMCOM		x	PUMP,AXIAL PISTONS, (L&R HYD)	4320011580893
5	AMCOM		x	ACTUATOR, HORIZ. STAB	1680012697284
6	AMCOM		x	NITROGEN INERTING UNIT	1560011659449
7	AMCOM		x	POWER SUPPLY	6130011603520
8	AMCOM		x	CONTROL MODULE ASSY	1680012587001
9	AMCOM		x	PROCESSOR,SIGNAL (FAULT FUNC)	1270012244638
10	AMCOM		x	CYLINDER ASSY (WING PYLON,ACT.) 4ea.	1650012637856
11	AMCOM		x	SHOCK STRUT ASSY (MLG) (2 EA)	1620011474775
12	AMCOM		x	SHOCK STRUT ASSY (TLG) (1 EA)	1620011532281
13	AMCOM		x	VALVE ASSEMBLY	4810014426929
14	AMCOM		x	ARM ASSY,FLT CON. (LWR SCISSOR)	1680011656775
15	AMCOM		x	PUMP,SUBMERGED, (REFUEL XSFR)	2915011598522
16	AMCOM		x	PUMP, HYDRAULIC RAM (GRND SERV)	4320-01-305-6955
M-TADS					
1	N/A	x	x	PNVS TURRET	1270013083019

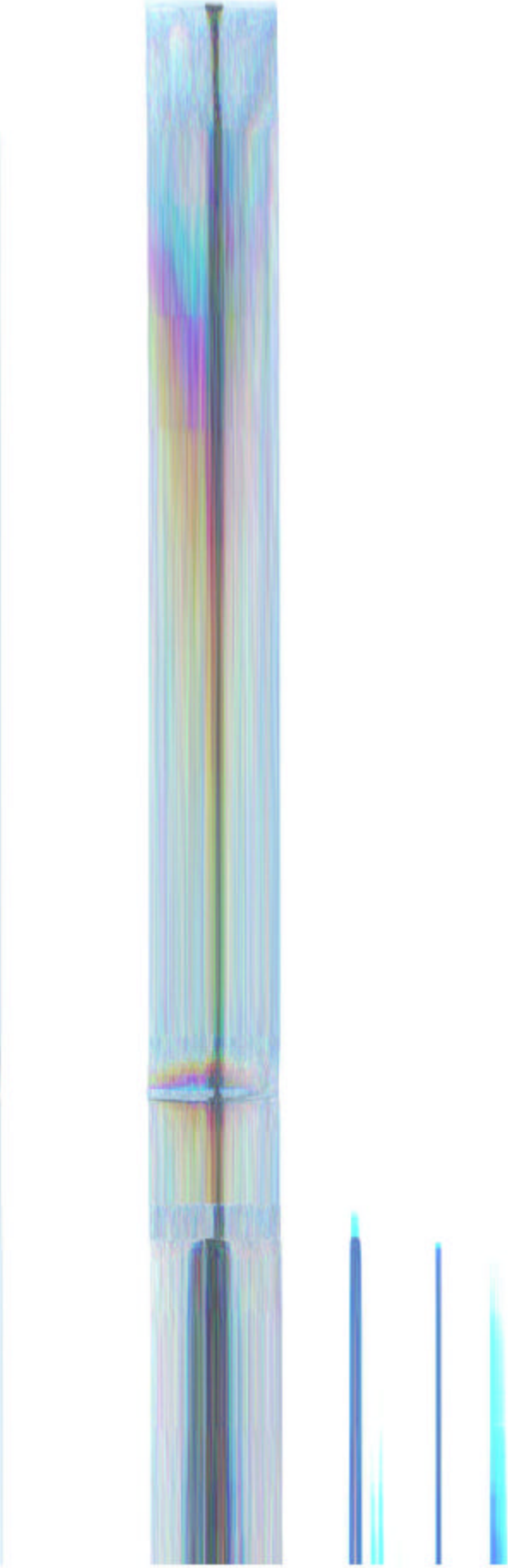
2	N/A	x	x	NIGHT SENSOR ASSY	5855013916914
3	N/A	x	x	TADS ELECTRONICS UNIT	5998013923735
4	N/A	x	x	INDIRECT VIEW DISPLAY	1240012587074
5	N/A	x	x	PNVS ELECTRONIC UNIT	4931014672642
6	N/A	x	x	TADS SERVO ELEC/TORQ AMP	5999012326667
7	N/A	x	x	TADS POWER SUPPLY	6130012996100
8	N/A	x	x	CONTROL PANEL ASSEMBLY	1290013062102
9	N/A	x	x	BORESIGHT ASSEMBLY	1270012506615
10	N/A	x	x	NIGHT SENSOR SHROUD	1270012821119
11	N/A	x	x	OPTICAL RELAY COLUMN	1270011873439
12	N/A	x	x	HELMET DISPLAY UNIT	1270012919334
13	N/A	x	x	PNVS Shroud	

TAB - 1a (Approved Part Configurations)

44	AD	NOZZLE ASSY,TURBINE	2840014703009
45	AD	DRIVE UNIT,ANGLE	3010014643208
46	TADS	TADS TURRET	1270013413366
47	TADS	ENVIROMENTAL CONTROL SYS	4120013029578
48	TADS	PNVS AZIMUTH DRIVE GIMBALS	6105013344949
49	TADS	OPTICAL RELAY COLUMN	1270011873439
50	TADS	LASER ELECTRONICS UNIT	4931012326702
51	TADS	PNVS SHROUD	5340013091338
52	TADS	PNVS ELEC. CONTROL AMP	5895011950795
53	TADS	ALPHA NUMERIC DISPLAY	5980013003760
54	TADS	RIGHT HAND GRIP	1270011873439
55	TADS	LEFT HAND GRIP	1270011875790
56	AD	BELL CRANK	1680012252538
57	AD	BELL CRANK	1680012242263
58	AD	BELL CRANK	1680012242262
59	AD	BLADE,ROTARY WING	1615013320702
60	AD	NOZZLE ASSY,SUPPRES	1560011571284
61	AD	SEARCHLIGHT	6220011603527
62	AD	GEARBOX ASSEMBLY,AI	1680014787102
63	AD	EXTINGUISHER,FIRE	4210013935792
64	AD	DRIVE SHAFT ASSEMBL	1615011547075
65	AD	SHOE ASSY,MAIN ROTO	1615012459826
66	AD	SHAFT,DRIVE,FLEXIBL	3040011547122
67	AD	DRIVE UNIT,ANGLE	3010014676228
68	AD	VALVE,ANTI-ICING	1650011594425
69	AD	SHAFT,INPUT,ENGINE	1615011547078
70	AD	SCISSORS ASSY,MAIN	1615011656867
71	AD	VALVE,SHUTOFF	2915012466785
72	AD	SCISSORS ASSY,MAIN	1615011656868
73	AD	VALVE,FUEL TRANSFER	1680011597988
74	AD	COUPLING,TAILROTOR	1615011547077
75	AD	PUMP,FUEL,METERING	2915011794182
76	AD	COUPLING,ENGINE NOS	1615011550634
77	AD	COUPLING ASSEMBLY,T	1615011884530
78	AD	FAN,VANEAXIAL	4140014132162
79	AD	COOLER,FLUID,TRANSM	2520011594482
80	AD	SHAFT,SHOULDERED	3040011565372
81	AD	VALVE,SOLENOID	4810011598469
82	AD	HEAT EXCHANGER,AIR	1660014131076
83	AD	VALVE,SHUTOFF,FUEL	2915011651025
84	AD	VALVE,SOLENOID	4810011580859
85	AD	INDICATOR,ATTITUDE	6610014526774
86	AD	BELL CRANK	1560012421495
87	AD	CONNECTING LINK,RIG	3040011547056
88	AD	SHOCK STRUT ASSY	1620014659232
89	AD	ARM ASSY,TAIL GEAR	1620011547057
90	AD	STABILATOR ASSEMBLY	1560014663661

91	AD	TRAILING ARM ASSY,M	1620011474776
92	AD	VALVE,LINEAR,DIRECT	4810011572527
93	AD	PUMP,ROTARY	4320011637679
94	AD	NOZZLE ASSY,TURBINE	2840014703008
95	AD	VALVE,SHUTOFF,DEFOG	1650011584470
96	AD	PUMP,FUEL BOOSTER,A	2910011691030
97	AD	DRIVE UNIT,ANGLE	3010014676229
98	AD	TRAILING ARM ASSY,M	1620011474777
99	AD	VALVE,SOLENOID	4810014712935
100	AD	SUPPORT,AIRCRAFT EN	1730014688258
101	AD	VALVE,LINEAR,DIRECT	4810014713360
102	AD	SUPPORT,AIRCRAFT EN	1730014688260
103	AD	CONDITIONER,SIGNAL	6695011643880
104	AD	FUSELAGE	1560012894727
105	AD	GENERATOR,ALTERNATI	6115014778824

Priority Ranking	MSC	Item Nomenclature	NSN
1	TACOM	GUN,AUTOMATIC	1005013928598
2	TACOM	MOTOR,ALTERNATING	6105011824084
3	TACOM	STORAGE CONTAINER	1005012115613
4	TACOM	CARRIER DRIVE ASSEMBLY	1005012217602
5	TACOM	MOTOR,HYDRAULIC	1650011839529
6	TACOM	SERVOVALVE,HYDRAULIC	4810012210648
7	TACOM	AZIMUTH DRIVE ASSEMBLY	1005013980015
8	TACOM	SERVOVALVE,HYDRAULIC	1650012116309
9	TACOM	ACTUATOR,GUN TURRET	1005012210436
10	TACOM	TRAIN RATE SENSOR	6615013811678
11	TACOM	ROUNDS COUNTER ASSY	1005013246826
12	TACOM	GUN CONTROL BOX	1005013294861
13	TACOM	TURRET CONTROL BOX	5930013981523
14	TACOM	LOADER/DOWNLOADER	4925012949864
15	TACOM	FEEDER,AMMUNITION	4925013254265
16	TACOM	DISPLAY ADJUST PANEL	1270012116346
17	TACOM	SENSOR SURVEYING UNIT	1270011597994
18	TACOM	HELMET DISPLAY UNIT	1270012919334
19	TACOM	TUBE AND CABLE ASSY	1270014737713
20	TACOM	DISPLAY UNIT,ELECTRONICS	1270011830518
21	TACOM	SIGHT UNIT,ELECTRONICS	1270012324442
22	TACOM	INTEGRATED HELMET UNIT (MED)	1270012956255
23	TACOM	INTEGRATED HELMET UNIT (LG)	1270012983544
24	TACOM	INTEGRATED HELMET UNIT (XLG)	1270012632545
25	TACOM	WIRING HARNESS	5998011868601
26	TACOM	MODULE ASSEMBLY,ARCS	1290011827480
27	TACOM	CONTROLLER,EXTERNAL STORES	1005012392359

1	CECOM	RECEIVER	5826012416869
2	CECOM	INERTIAL NAVIGATION	6605014210076
3	CECOM	INDICATOR, RECEIVER-TRANSMITTER	5841012459091
4	CECOM	RECEIVER-TRANSMITTER	5841011401700
5	CECOM	RECEIVER-TRANSMITTER	5841012459094
6	CECOM	ANTENNA	5985012408668
7	CECOM	CARTRIDGE	5895013395215
8	CECOM	RECEPTACLE	7025013387064
9	CECOM	COMMUNICATION SYSTEM	5895012332919
10	CECOM	RECEIVER-TRANSMITTER	5821013527209
11	CECOM	RECEIVER-TRANSMITTER	5821013282268
12	CECOM	RECEIVER-TRANSMITTER	5821013064654
13	CECOM	AMPLIFIER	5826000014074
14	CECOM	LOOP ANTENNA	5826000014077
15	CECOM	CONTROL	5826000014076
16	CECOM	RECEIVER	5826010213288
17	CECOM	CONTROL	5826013415089
18	CECOM	RECEIVER-TRANSMITTER	5841013180654
19	CECOM	SIGNAL DATA CONVERTER	5895010641841
20	CECOM	COMPUTER DISPLAY UNIT	5841013282266
21	CECOM	CV-3669 SIGNAL DATA CONVERTER	5895010996161
22	CECOM	CONTROL DISPLAY UNIT	7025014001785
23	CECOM	REMOTE INDICATOR	5841012459093
24	CECOM	REMOTE INDICATOR	5841012459092
25	CECOM	RECEIVER-TRANSMITTER	5841012932987
26	CECOM	RECEIVER-TRANSMITTER	5841013246866
27	CECOM	RECEIVER-TRANSMITTER	5821012081093
28	CECOM	RECEIVER-TRANSMITTER	5821014238827
29	CECOM	AMPLIFIER	5895011883332
30	CECOM	DOPPLER	6605013239061
31	CECOM	RECEIVER-TRANSMITTER	5841012156409
32	CECOM	RECEIVER-TRANSMITTER	5821013063385
33	CECOM	RECEIVER-TRANSMITTER	5841010968673
34	CECOM	RECEIVER-TRANSMITTER	5841012459090
35	CECOM	RECEIVER-TRANSMITTER	5841011400941
36	CECOM	SYMBOL GENERATOR	5820011722886
37	CECOM	VIDEO DISPLAY UNIT	6625011637135
38	CECOM	RADIO MAGNETIC INDI	5826011835499
39	CECOM	VIDEO RECORDER PANEL ASSY	5836011835498
40	CECOM	AUDIO JUNCTION UNIT	5821012271307
41	CECOM	PITCH RATE GYRO	6615011622185
42	CECOM	PITCH RATE GYRO	6615012569474
43	CECOM	VIDEO RECORDER	5836012123797

TAB - 1b (Depot Level Reparable Candidate List)