

AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

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**NOTE:** OPEN problems denoted by asterisk (\*) following problem number.

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PROBLEM NO: 15533

OPEN

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
:	GUIDED MISSILE, TACTICAL	3817625-100	1410	01-399-2400	PU69
	MISSILE GUIDED, INTERCEPT	3819500-120	1410	01-375-0438	PU45
	MISSILE GUIDED, INTERCEPT	3819500-130	1410	01-375-0439	PU46
	GUIDED MISSILE, TACTICAL	3819625-100	1410	01-399-2400	PU69
	GUIDED MISSILE, TACTICAL	3819625-101	1410	01-446-7838	PFD7
	GUIDED MISSILE, TACTICAL	3819625-102	1410	01-472-2071	WF41
	MISSILE GUIDED, INTERCEPT	3819900-100	1410	01-379-4896	PU50

EI CNTRL NO:

PROB BRIEF : AIM-120 FAILED TO ID (HUNG ON STA & A/C CANNOT DISCERN WPN, LOAD X OR ???)

PROBLEM : Missile would not ID during SMS BIT.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return missile to depot.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VFA-87	CODR	V63922-01-0022	06SEP01	OPEN
	VFA-87	CODR	V63922-01-0023	06SEP01	OPEN
	VFA-87	CODR	V63922-01-0021	31AUG01	OPEN
	VFA-87	CODR	V63922-01-0015	20AUG01	OPEN
	VFA-87	CODR	V63922-01-0014	14AUG01	OPEN
	VFA-87	CODR	V63922-01-0012	07AUG01	OPEN
	VFA-87	CODR	V63922-01-0013	07AUG01	OPEN
	VMFA-323	CODR	M09235-01-0026	19JUL01	OPEN
	VFA-105	CODR	V65183-01-0007	08FEB01	OPEN
	VFA-146	CODR	R09063-00-0007	12FEB00	CLOSED
	VFA-137	CODR	V55142-99-0053	15SEP99	CLOSED
	VFA-25	CODR	R09637-98-0068	22OCT98	CLOSED
	VFA-113	CODR	R09092-98-0049	17OCT98	CLOSED
	VFA-81	CODR	V09221-98-0045	08SEP98	CLOSED
	VFA-81	CODR	V09221-98-0038	21JUL98	CLOSED
	VFA-86	CODR	V09943-98-0022	25FEB98	CLOSED
	VMFA-314	CODR	M09230-98-0002	09JAN98	CLOSED *
	VFA-86	CODR	V09943-98-0001	04JAN98	CLOSED *
	VFA-146	CODR	R09063-97-0037	06NOV97	CLOSED *
	VFA-94	CODR	R09295-97-0015	10FEB97	CLOSED *
	VFA-94	CODR/EIR	R09295-95-0025	22JUN95	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

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**PROBLEM NO: 15533 (Continued)**

SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
VFA-151	CODR	R09558-95-0002	09JAN95	CLOSED *
VFA-136	CODR	V55141-94-0822	22OCT94	CLOSED *
VFA-195	CODR	R09706-94-0003	04JAN94	CLOSED *
VFA-94	CODR	R09295-93-0059	01OCT93	CLOSED *
VFA-22	CODR	R09561-93-0047	20SEP93	CLOSED *

**\* ACTION REPORTED IN PREVIOUS PUBLICATION**

<b>ACTION :</b>	<b>VFA-87</b>	<b>CODR</b>	<b>V63922-01-0022</b>	<b>06SEP01</b>	<b>OPEN</b>
<b>END ITEM :</b>	<b>PART/DOC. NO.</b>		<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
	3819625-102		1410	01-472-2071	WF41
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL				
	<b>S/N:</b> CC08066				
	<b>LOT:</b> XII				
<b>FAILED PART:</b>	3819625-102		1410	01-472-2071	WF41
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL				
	<b>S/N:</b> CC08066				
	<b>LOT:</b> XII				

**DESCRIPTION:**

The missile was loaded on station 6. Pilot reported stores management system displayed "LOAD X." Loaded the suspected bad missile on another aircraft with the same results. Used the buffer connector from the bad missile on a known good missile and had no discrepancies. Due to low availability of buffer connectors, connector will not be turned in with the bad missile.

**ACTION TAKEN:**

07SEP01: NAWC Pt. Mugu requests that the missile be returned per current instruction in Condition Code "F" to the Depot (Raytheon, UIC Q95704) for repair.

<b>ACTION SUMMARY</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
	RAYTHEON	TEST AND REPAIR	06DEC01	OPEN

<b>REFERENCES</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-87 MESSAGE 061117ZSEP01	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 070829ZSEP01	INTERIM RESPONSE

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PROBLEM NO: 15533 (Continued)

ACTION : VFA-87 CODR V63922-01-0023 06SEP01 OPEN

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819625-101	1410	01-446-7838	PFD7
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07687			
	<b>LOT:</b> XI			
<b>FAILED PART:</b>	3819625-101	1410	01-446-7838	PFD7
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07687			
	<b>LOT:</b> XI			

**DESCRIPTION:**

Pilot reported a "Load X" displayed at the weapon's station. The missile was downloaded and loaded on a different aircraft with the same results. The buffer connector used with the bad missile was used on a known good missile with no discrepancies. Due to low availability of buffer connectors, the connector will not be turned in with missile.

**ACTION TAKEN:**

07SEP01: NAWC Pt. Mugu requests that the missile be returned per current instruction in Condition Code "F" to the Depot (Raytheon, UIC Q95704) for repair.

<b>ACTION SUMMARY :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
	RAYTHEON	TEST AND REPAIR	06DEC01 OPEN

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-87 MESSAGE 061109ZSEP01	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	070829ZSEP01	

ACTION : VFA-87 CODR V63922-01-0021 31AUG01 OPEN

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC56026			
	<b>LOT:</b> VIII			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC56026			
	<b>LOT:</b> VIII			

**DESCRIPTION:**

AIM-120C loaded on station 3 in accordance with procedures. Pilot reported the weapon failed to identify itself to the stores

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**PROBLEM NO: 15533**

**(Continued)**

management system. Missile was downloaded from aircraft and loaded on a different aircraft where missile again failed to identify itself. Used the buffer connector from the failed missile on a known good missile and had no discrepancies. Due to low availability of buffer connectors, the connector will not be turned in with missile.

**ACTION TAKEN:**

05SEP01: NAWC Pt. Mugu requests that the missile be returned per current instruction in Condition Code "F" to the Depot (Raytheon, UIC Q95704) for repair.

<b>ACTION SUMMARY</b>	<b>: ACTIVITY/CODE</b> RAYTHEON	<b>ASSIGNMENT</b> TEST AND REPAIR	<b>DUE DATE STATUS</b> 04DEC01 OPEN
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<b>REFERENCES</b>	<b>: IDENTIFICATION</b> VFA-87 MESSAGE 310516ZAUG01 NAWC PT MUGU/311200E MESSAGE 050629ZSEP01	<b>REFERENCE BRIEF</b> PROBLEM REPORT INTERIM RESPONSE
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<b>ACTION</b>	<b>: VFA-87</b>	<b>CODR</b>	<b>V63922-01-0015</b>	<b>20AUG01 OPEN</b>
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	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC06849			
	<b>LOT:</b> IX			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC06849			
	<b>LOT:</b> IX			

**DESCRIPTION:**

AIM-120C loaded on station 6 in accordance with procedures. Pilot reported the weapon failed to identify itself to the stores management system. Missile was downloaded from aircraft and loaded on a different aircraft where missile again failed to identify itself.

**ACTION TAKEN:**

23AUG01: NAWC Pt. Mugu requests that if the original buffer connector is available the connector be placed in a ziplock bag marked with failed missile serial number, buffer connector serial number, AWCAP number, failure type, squadron and ship. Save the connector for the missile presentencing inspection team. NAWC Pt. Mugu also requests that the missile be returned per current instruction in Condition Code "F" to the Depot (Raytheon, UIC Q95704) for repair.



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PROBLEM NO: 15533 (Continued)

ACTION : VFA-87 CODR V63922-01-0012 07AUG01 OPEN

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07311			
	<b>LOT:</b> X			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07311			
	<b>LOT:</b> X			

**DESCRIPTION:**

The missile was loaded on aircraft station 6. The missile failed to identify itself to the stores management system. A known good missile was loaded on the aircraft with good results. The suspect missile was loaded on another aircraft which indicated a bad missile.

**ACTION TAKEN:**

09AUG01: NAWC Pt. Mugu requests that if the original buffer connector is available the connector be placed in a ziplock bag marked with failed missile serial number, buffer connector serial number, AWCAP number, failure type, squadron and ship. Save the connector for the missile presentencing inspection team. NAWC Pt. Mugu also requests that the missile be returned per current instruction in Condition Code "F" to the Depot (Raytheon, UIC Q95704) for repair.

<b>ACTION SUMMARY :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
	RAYTHEON	TEST AND REPAIR	07NOV01	OPEN

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-87 MESSAGE 070137ZAUG01	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 090329ZAUG01	INTERIM REPLY

ACTION : VFA-87 CODR V63922-01-0013 07AUG01 OPEN

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC56025			
	<b>LOT:</b> VIII			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC56025			
	<b>LOT:</b> VIII			

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PROBLEM NO: 15533

(Continued)

**DESCRIPTION:**

The missile was loaded on aircraft station 6. The missile failed to identify itself to the stores management system. A known good missile was loaded on the aircraft with good results. The suspect missile was loaded on another aircraft which indicated bad missile.

**ACTION TAKEN:**

09AUG01: NAWC Pt. Mugu requests that if the original buffer connector is available the connector be placed in a ziplock bag marked with failed missile serial number, buffer connector serial number, AWCAP number, failure type, squadron and ship. Save the connector for the missile presentencing inspection team. NAWC Pt. Mugu also requests that the missile be returned per current instruction in Condition Code "F" to the Depot (Raytheon, UIC Q95704) for repair.

<b>ACTION SUMMARY</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
		RAYTHEON	TEST AND REPAIR	07NOV01	OPEN

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-87 MESSAGE 070136ZAUG01	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 090329ZAUG01	INTERIM RESPONSE

<b>ACTION</b>	<b>:</b>	<b>VMFA-323</b>	<b>CODR</b>	<b>M09235-01-0026</b>	<b>19JUL01</b>	<b>OPEN</b>
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<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
		3819500-130	1410	01-375-0439	PU46
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CA51596			
		<b>LOT:</b> VI			
<b>FAILED PART:</b>		3819500-130	1410	01-375-0439	PU46
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CA51596			
		<b>LOT:</b> VI			

**DESCRIPTION:**

During post-load inspection the ground crew noted the missile gave no indication on the wing form. The same problem occurred when the missile was loaded on two other aircraft with two different buffer connectors.

**ACTION TAKEN:**

25JUL01: NAWC Pt. Mugu requests that the missile be returned per current instruction in Condition Code "F" to the Depot (Raytheon, UIC Q95704) for repair.



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AMRAAM ACTIVE (IN SERVICE)  
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PROBLEM NO: 15533 (Continued)

ACTION : VFA-146 CODR R09063-00-0007 12FEB00 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC56022			
	<b>LOT:</b> VIII			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC56022			
	<b>LOT:</b> VIII			

**DESCRIPTION:**

During post-load BIT ordnance crew noted no AMRAAM ID upon completion of SMS power up BIT. Missile loaded on two other aircraft with identical results.

**ACTION TAKEN:**

16FEB00: NAWC PT. Mugu requests that missile be returned per current instruction for further transfer to Depot (Raytheon) for test and repair.

06SEP00: Raytheon reported that the failure was confirmed and the guidance section was removed and replaced. Missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION SUMMARY</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
	RAYTHEON	TEST AND REPAIR		COMPLETE 06SEP00

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-146 MESSAGE 121600ZFEB00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 160829ZFEB00	INTERIM RESPONSE
	RAYTHEON AMRS 06SEP00	DEPOT REPAIR DATA

ACTION : VFA-137 CODR V55142-99-0053 15SEP99 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC56079			
	<b>LOT:</b> VIII			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC56079			
	<b>LOT:</b> VIII			

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**PROBLEM NO: 15533 (Continued)**

**DESCRIPTION:**

Missile exhibited failed to ID indication (LOAD X) during preflight BIT. Missile was loaded on a different aircraft and exhibited the same failure.

**ACTION TAKEN:**

21SEP99: NAWC Pt. Mugu requests missile be returned to Raytheon for test and repair.

31JAN01: Raytheon reported that the failure was confirmed and isolated to the guidance section, which was removed and replaced. A secondary failure, for datalink damage, resulted in the rear data link being replaced. Missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION SUMMARY</b>	<b>: ACTIVITY/CODE</b> RAYTHEON	<b>ASSIGNMENT</b> TEST AND REPAIR	<b>DUE DATE STATUS</b> COMPLETE 31JAN01
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<b>REFERENCES</b>	<b>: IDENTIFICATION</b> VFA-137 MESSAGE 150403ZSEP99 NAWC PT MUGU/311000E MESSAGE 210329ZSEP99 RAYTHEON AMRS 31JAN01	<b>REFERENCE BRIEF</b> PROBLEM REPORT INTERIM RESPONSE DEPOT REPAIR DATA
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<b>ACTION</b>	<b>: VFA-25</b>	<b>CODR</b>	<b>R09637-98-0068</b>	<b>22OCT98 CLOSED</b>
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<b>END ITEM</b>	<b>: PART/DOC. NO.</b> 3819900-100	<b>FSC</b> 1410	<b>NIIN</b> 01-379-4896	<b>NALC</b> PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB52164			
	<b>LOT:</b> VII			
<b>FAILED PART:</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB52164			
	<b>LOT:</b> VII			

**DESCRIPTION:**

During weapons BIT, missile failed to ID. Missile was downloaded and loaded on two different aircraft with the same results.

**ACTION TAKEN:**

27OCT98: NAWC Pt. Mugu requests missile be returned per current instructions to depot for test/repair.

This deficiency will remain open until test/repair is complete.

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PROBLEM NO: 15533

(Continued)

26MAY99: Raytheon reported that the failure was confirmed. Missile failed on CFMRE during incoming test for A000. Guidance section was removed and replaced. Two snap rings on the control section were found broken. The snap rings were also replaced. Missile passed tests, was issued a Condition Code "A" tag and was returned to service.

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>	DPRO RAYTHEON	REPAIR		COMPLETE 26MAY99

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-25 MESSAGE 221211ZOCT98	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 270129ZOCT98	INTERIM RESPONSE
	RAYTHEON AMRS 26MAY99	DEPOT REPAIR DATA

<b>ACTION :</b>	<b>VFA-113</b>	<b>CODR</b>	<b>R09092-98-0049</b>	<b>17OCT98</b>	<b>CLOSED</b>
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	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3817625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07314			
<b>FAILED PART:</b>	3817625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07314			

**DESCRIPTION:**

While performing missile BIT, missile failed BIT with simultaneous "LOAD X" on Local Distribution Data Interface. Ordnance crew changed AMRAAM buffer with no change in discrepancy. Missile was loaded on another aircraft that had just completed a seven day wire check, with the same results.

**ACTION TAKEN:**

23OCT98: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test/repair.

This deficiency will remain open until test/repair is complete.

10MAY99: Raytheon reported that the failure was not confirmed. Missile had been returned due to ID failure. Missile passed incoming AUR BIT and subsequent ten runs on CFMRE, two FAST tests, and two more AUR BITs. Missile was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15533 (Continued)

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY DPRO RAYTHEON TEST/REPAIR COMPLETE 10MAY99

REFERENCES : IDENTIFICATION REFERENCE BRIEF  
VFA-113 MESSAGE 170529Z OCT98 PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE  
230029Z OCT98  
RAYTHEON AMRS 10MAY99 DEPOT REPAIR DATA

ACTION : VFA-81 CODR V09221-98-0045 08SEP98 CLOSED

END ITEM : PART/DOC. NO. FSC NIIN NALC  
3819625-100 1410 01-399-2400 PU69  
NOMEN: GUIDED MISSILE, TACTICAL  
S/N: CC06896  
LOT: IX  
FAILED PART: 3819625-100 1410 01-399-2400 PU69  
NOMEN: GUIDED MISSILE, TACTICAL  
S/N: CC06896  
LOT: IX

DESCRIPTION:

AIM-120C was loaded on aircraft station six. During postloading inspection, after Stores Management System power up BIT, weapon system LOAD-X was displayed on Digital Display Indicator stores page. Missile was downloaded and subsequently uploaded on a different aircraft with know good release system checks with the same results. Another AMRAAM missile was loaded on both aircraft involved and passed Stores Management System power up BIT's with no discrepancies.

ACTION TAKEN:

15SEP98: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test/repair.

This deficiency will remain open until test/repair is complete.

07OCT99: Raytheon reported that the failure was confirmed. Missile failed incoming AUR BIT for high "I" No Wake Up. The guidance section and filter rectifier were removed and replaced. Missile passed all tests and inspections. Three fins, seven wings, and a new buffer were issued to the missile. A Condition Code "A" tag was issued and missile was returned to service.

This is closing action for this occurrence.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY DPRO RAYTHEON TEST/REPAIR COMPLETE 07OCT99





30-NOV-01

AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15547 OPEN

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUIDED MISSILE, TACTICAL	3819625-100	1410	01-399-2400	PU69
	MISSILE GUIDED, INTERCEPT	3819900-100	1410	01-379-4896	PU50

EI CNTRL NO:

PROB BRIEF : AIM-120 FIN MOUNTING ASSEMBLY SNAP RING BROKEN/KNURLED

PROBLEM : Aft fin retaining ring (spanner nut) broken.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : None at this time.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	VFA-151	CODR	R09558-01-0051	24JUN01	OPEN
	VFA-137	CODR	V55142-00-0045	03JAN01	CLOSED

ACTION : VFA-151 CODR R09558-01-0051 24JUN01 OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819900-100	1410	01-379-4896	PU50
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CB52255			
	LOT: VII			
FAILED PART:	3819900-100	1410	01-379-4896	PU50
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CVB52255			
	LOT: VII			

DESCRIPTION:

During weapons postflight turnaround, ground crew noticed a broken retaining ring exposed between the boat tail and control section directly aft of bearing retainer lock gap on bottom inboard fin. broken retaining ring and weapon turned into Weapons Department for dipostion instructions.

ACTION TAKEN:

29JUN01: NAWC Pt. Mugu requests that the missile be returned per current instruction in Condition Code "F" to Depot (Raytheon, UIC Q95704) for repair.

ACTION SUMMARY	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
	RAYTHEON	TEST AND REPAIR	27SEP01	OPEN



30-NOV-01

AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15552 CLOSED

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
:	GUIDED MISSILE, TRAINING	3819535-104	1410	01-369-1922	PV85
	MISSILE GUIDED, TELEMETRY	3819535-120	1410	01-369-1922	PY85
	MISSILE GUIDED, INTERCEPT	3819535-130	1410	01-369-1922	

EI CNTRL NO:

PROB BRIEF : JAIM-120 FAILED TO FIRE

PROBLEM : Missile failed to fire during firing exercise.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return to depot.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VFA-136	CODR	V55141-99-0011	04OCT99	CLOSED
	VFA-15	CODR	V09015-98-0022	11MAY98	CLOSED
	VFA-22	CODR	R09561-94-0028	29JUN94	CLOSED *
	VFA-81	CODR	V09221-93-0027	07OCT93	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : VFA-136 CODR V55141-99-0011 04OCT99 CLOSED

END ITEM	PART/DOC. NO.	FSC	NIIN	NALC
:	3819535-104	1410	01-369-1922	PV85
	NOMEN: GUIDED MISSILE, TRAINING			
	S/N: CA50651			
FAILED PART:	3819535-104	1410	01-369-1922	PV85
	NOMEN: GUIDED MISSILE, TRAINING			
	S/N: CA50651			

DESCRIPTION:

JAIM-120A was loaded for firing exercise. Aircraft launched and marshalled in range area with no aircraft or weapon problems. Pilot selected TM (turning on missile telemetry) and the AFWTF Roosevelt Roads telemetry site was receiving good weapons telemetry. The pilot acquired a target and had a good single target track radar lock at 10.4 miles. At this time the pilot received a shoot cue on the heads up display, pressed the trigger and the JAIM-120 weapons count decremented from one to zero, indicating a launch command was sent to the mission computer starting the launch sequence. After two and a half to three seconds the pilot observed a hung and unlocked indication on his stores Digital Display Indicator indicating the

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15552 (Continued)**

missile did not separate from aircraft. Upon recovery the missile safe arm device was inspected and was safe. The weapon was downloaded and inspected for damage with no damage noted. Release and control checks were performed on mission aircraft with no discrepancies. The missile launcher was removed from service and turned into CVN-69 AIMD for test and check with no discrepancies. Evidence supports that the pilot executed the correct attack scenario and launch procedures, and the aircraft radar and stores management system operated correctly as evidenced by the release consent being transmitted to the missile. JAIM-120A turned into the USS Dwight D Eisenhower awaiting disposition instructions. Fleet weapons support representatives from NAWCWD DET OCEANA contacted AFWTF Roosevelt Roads and confirmed that the missile received the release consent from the aircraft and the main battery activated. However, the missile did not send a commit to launch signal back to the aircraft causing the JAIM-120 to be hung. NAWCWD concludes that the missiles main battery failed to power up fully within the allotted time frame, or a component within the missile failed thereby causing the abort launch.

**ACTION TAKEN:**

18OCT99: NAWC Pt. Mugu requests missile be returned to Raytheon for test and repair.

22OCT01: Joint Systems Project Office cancelled repair of missile.

This is closing action for this occurrence.

<b>ACTION SUMMARY</b>	<b>:</b>	<b>ACTIVITY/CODE</b> RAYTHEON/	<b>ASSIGNMENT</b> PERFORM TEST AND REPAIR	<b>DUE DATE STATUS</b> COMPLETE 22OCT01
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<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b> VFA-136 MESSAGE 041600ZOCT99 NAWC PT MUGU/311200E MESSAGE 180029ZOCT99 RAYTHEON E-MAIL 22OCT01	<b>REFERENCE BRIEF</b> PROBLEM REPORT INTERIM RESPONSE REPAIR CANCELLED BY JSPO
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<b>ACTION</b>	<b>:</b>	<b>VFA-15</b>	<b>CODR</b>	<b>V09015-98-0022</b>	<b>11MAY98 CLOSED</b>
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<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b> 3819535-130 <b>NOMEN:</b> MISSILE GUIDED, INTERCEPT <b>S/N:</b> CA51296	<b>FSC</b> 1410	<b>NIIN</b> 01-369-1922	<b>NALC</b>
<b>FAILED PART:</b>		3819535-130 <b>NOMEN:</b> MISSILE GUIDED, INTERCEPT <b>S/N:</b> CA51296	1410	01-369-1922	

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15552**

**(Continued)**

**DESCRIPTION:**

JAIM-120A failed to eject from LAU-116A/A launcher on station four. Post flight inspection revealed both CCU-45/B cartridges were unfired. The missile body was hot to the touch, indicating function of the internal power supply system. A complete real ease and control systems check was performed without discrepancy.

**ACTION TAKEN:**

20MAY98: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test/repair.

This deficiency will remain open until test/repair is complete.

01JUN99: Raytheon reports the missile is backlogged for repair.

01JUL99: Raytheon reports the missile is still backlogged for repair.

28APR00: Raytheon reported that the failure was confirmed. The missile is a WSEP misfire. Instead of deleting this missile from the inventory, authorization from the Navy was received to reconfigure it back to a tactical missile, 3819500-130, S/N CA51296. Unit was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		DPRO RAYTHEON	TEST/REPAIR		COMPLETE 28APR00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-15 MESSAGE 111500ZMAY98	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 200229ZMAY98	INTERIM RESPONSE
		DPRO RAYTHEON E-MAIL/MONTHLY RPT 01JUN99	UPDATE
		DPRO RAYTHEON E-MAIL/MONTHLY RPT 01JUL99	UPDATE
		RAYTHEON AMRS 28APR00	DEPOT REPAIR DATA

30-NOV-01

AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605

OPEN

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
:	MISSILE GUIDED, INTERCEPT	3819500-120	1410	01-375-0438	PU45
	MISSILE GUIDED, INTERCEPT	3819500-130	1410	01-375-0439	PU46
	GUIDED MISSILE, TACTICAL	3819625-100	1410	01-399-2400	PU69
	GUIDED MISSILE, TACTICAL	3819625-101	1410	01-446-7838	PFD7
	MISSILE GUIDED, TRAINING	3819850-130	1410	01-369-1922	PV85
	MISSILE GUIDED, INTERCEPT	3819900-100	1410	01-379-4896	PU50

EI CNTRL NO:

PROB BRIEF : AIM-120 FAILED BIT (BUILT IN TEST), 3 SECOND BIT, WPNS FAIL

PROBLEM : Missile failed BIT (Built-In-Test).  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return missile to depot.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VFA-151	CODR	R09558-01-0025	03MAY01	OPEN
	VFA-27	CODR	R65185-01-0001	01APR01	OPEN
	VFA-37	CODR	V09478-01-0014	25JAN01	OPEN
	VFA-115	CODR	R09604-00-0055	12NOV00	CLOSED
	VFA-25	CODR	R09637-00-0039	05NOV00	CLOSED
	VFA-192	CODR	R09076-00-0021	25OCT00	CLOSED
	VFA-34	CODR	V09070-00-0011	05AUG00	CLOSED
	VFA-192	CODR	R09076-00-0012	12JUL00	CLOSED
	VFA-131	CODR	R63934-00-0010	07JUN00	CLOSED
	VFA-131	CODR	R63934-00-0006	06APR00	CLOSED
	VMFA-251	CODR	M09241-00-0001	03JAN00	CLOSED
	VFA-82	CODR	V09122-99-0060	05DEC99	CLOSED
	VFA-151	CODR	R09558-99-0068	30OCT99	CLOSED
	VMFA-323	CODR	M09235-99-0019	30OCT99	CLOSED
	VFA-137	CODR	V55142-99-0054	15SEP99	CLOSED
	VFA-87	CODR	V63922-99-0035	18AUG99	CLOSED
	VFA-15	CODR	V09015-99-0068	04AUG99	CLOSED
	VFA-15	CODR	V09015-99-0069	04AUG99	CLOSED
	VFA-81	CODR	V09221-99-0017	23JUL99	CLOSED
	VFA-27	CODR	R65185-99-0017	16JUN99	CLOSED
	VFA-195	CODR	R09706-99-0022	06MAY99	CLOSED
	VFA-94	CODR	R09295-99-0015	19MAR99	CLOSED
	VFA-22	CODR	R09561-99-0024	26FEB99	CLOSED
	VFA-22	CODR	R09561-99-0002	05JAN99	CLOSED
	VFA-34	CODR/EIR	V09070-98-0037	23NOV98	CLOSED
	VFA-34	CODR/EIR	V09070-98-0036	21NOV98	CLOSED

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15605**

**(Continued)**

<b>SOURCE</b>	<b>TYPE</b>	<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>DR STATUS</b>
VFA-113	CODR	R09092-98-0052	16OCT98	CLOSED *
VFA-81	CODR	V09221-98-0046	08SEP98	CLOSED
VFA-34	CODR	V09070-98-0027	31AUG98	CLOSED
VFA-34	CODR	V09070-98-0026	30AUG98	CLOSED
VFA-81	CODR	V09221-98-0039	19JUL98	CLOSED
VFA-83	CODR	V09223-98-0034	29JUN98	CLOSED
VFA-131	CODR	R63934-98-0021	17MAY98	CLOSED *
VFA-136	CODR	V55141-98-0021	17MAY98	CLOSED
VFA-131	CODR	R63934-98-0020	16MAY98	CLOSED
VFA-136	CODR	V55141-98-0018	27APR98	CLOSED *
VFA-83	CODR	V09223-98-0009	12FEB98	CLOSED
VFA-82	CODR	V09122-98-0004	20JAN98	CLOSED
VFA-86	CODR	V09943-98-0002	04JAN98	CLOSED *
VFA-147	CODR	R63925-97-0086	27DEC97	CLOSED *
VFA-82	CODR	V09122-97-0067	05DEC97	CLOSED
VFA-147	CODR	R63925-97-0074	22NOV97	CLOSED
VFA-146	CODR	R09063-97-0033	30OCT97	CLOSED *
VFA-87	CODR	V63922-97-0025	03SEP97	CLOSED
VMFA-323	CODR	M09235-97-0028	23JUN97	CLOSED *
VFA-137	CODR	V55142-97-0014	14JUN97	CLOSED
VFA-37	CODR	V09478-97-0025	24MAR97	CLOSED *
VFA-22	CODR	R09561-97-0029	23MAR97	CLOSED *
VFA-94	CODR	R09295-97-0012	29JAN97	CLOSED *
VFA-22	CODR	R09561-97-0008	05JAN97	CLOSED *
VFA-22	CODR	R09561-96-0064	06DEC96	CLOSED *
VFA-83	CODR	V09223-96-0047	19OCT96	CLOSED *
VFA-83	CODR	V09223-96-0049	19OCT96	CLOSED *
VFA-83	CODR	V09223-96-0027	08SEP96	CLOSED *
VFA-83	CODR	V09223-96-0020	17JUL96	CLOSED *
VFA-146	CODR	R09063-96-0019	17MAR96	CLOSED *
VFA-146	CODR	R09063-96-0003	04MAR96	CLOSED *
VFA-146	CODR	R09063-96-0013	24FEB96	CLOSED *
VFA-82	CODR/EIR	V09122-95-0085	25DEC95	CLOSED *
VMFA-251	CODR/EIR	M09241-95-0055	21DEC95	CLOSED *
VFA-195	CODR	R09706-95-0071	29SEP95	CLOSED *
VMFA-312	CODR	M09253-95-0018	24AUG95	CLOSED *
VFA-94	CODR	R09295-95-0029	18JUL95	CLOSED *
VMFA(AW)-121	CODR	M09257-95-0021	07JUL95	CLOSED *
VFA-22	CODR	R09561-95-0043	25JUN95	CLOSED *
VFA-22	CODR	R09561-95-0034	14JUN95	CLOSED *
VFA-37	CODR	V09478-95-0011	07FEB95	CLOSED *
VFA-151	CODR	R09558-95-0006	17JAN95	CLOSED *
VMFA(AW)-533	CODR	M09193-94-0009	03AUG94	CLOSED *
VFA-113	CODR	R09092-94-0057	16MAY94	CLOSED *

**\* ACTION REPORTED IN PREVIOUS PUBLICATION**

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605 (Continued)

SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
VFA-113	CODR	R09092-94-0043	21APR94	CLOSED *
VFA-113	CODR	R09092-94-0042	20APR94	CLOSED *
VFA-113	CODR	R09092-94-0025	27MAR94	CLOSED *
VFA-192	CODR	R09076-94-0002	14JAN94	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : VFA-151 CODR R09558-01-0025 03MAY01 OPEN

END ITEM	PART/DOC. NO.	FSC	NIIN	NALC
:	3819500-130	1410	01-375-0439	PU46
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CA01587			
	LOT: V			
FAILED PART:	3819500-130	1410	01-375-0439	PU46
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CA01587			
	LOT: V			

DESCRIPTION:

During weapons test procedures weapon failed. Missile was loaded onto two different aircraft with same results.

ACTION TAKEN:

10MAY01: NAWC Pt. Mugu requests that if the original buffer connector is available the connector be placed in a ziplock bag marked with failed missile serial number, buffer connector serial number AWCAP number, failure type, squadron and ship. Save the connector for the missile presentencing inspection team. Also request that the missile be held onboard by Weapons Department until further notice. Action point is working to have the AMRAAM Common Field-level Memory Reprogramming Equipment team to test the missile underway.

26NOV01: NAWC Pt. Mugu checked the missile status in CAIMS and missile is still aboard the USS Shasta awaiting offload in Port Hadlock.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY NAWC PT MUGU/311200E REPROGRAMMING TEAM 08AUG01 OPEN  
TEST MISSILE

REFERENCES : IDENTIFICATION REFERENCE BRIEF  
VFA-151 MESSAGE 030811ZMAY01 PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE  
100429ZMAY01  
NAWC PT MUGU/311200E CAIMS 26NOV01 MISSILE STATUS

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605 (Continued)

ACTION : VFA-27 CODR R65185-01-0001 01APR01 OPEN

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07395			
	<b>LOT:</b> X			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07395			
	<b>LOT:</b> X			

**DESCRIPTION:**

It was reported that while performing initial missile built-in test check, a Failed Missile indication was given. Missile was tested on two other aircraft with the same results.

**ACTION TAKEN:**

05APR01: NAWC Pt. Mugu requests that if the original buffer connector is available the connector be placed in a ziplock bag marked with failed missile serial number, buffer connector serial number AWCAP number, failure type, squadron and ship. Save the connector for the missile presentencing inspection team. Also request that the missile be held onboard by Weapons Department until further notice. Action point is working to have the AMRAAM Common Field-level Memory Reprogramming Equipment team to test the missile underway.

04APR01: VFA-27 corrected missile serial number, previously reported as CC207395, to be CC07395

01MAY01: VFA-27 indicated CODR response not received.

03MAY01: NAWC Pt. Mugu resends original response.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>	NAWC PT MUGU/311200E	REPROGRAMMING TEAM	04JUL01	OPEN
		TEST MISSILE		

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-27 MESSAGE 011400ZAPR01	PROBLEM REPORT
	VFA-27 MESSAGE 040103ZAPR01	SERIAL NUMBER CORRECTION
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	050329ZAPR01	
	VFA-27 MESSAGE 010700ZMAY01	FOLLOW UP REQUEST
	NAWC PT MUGU/311200E E-MAIL 03MAY01	FOLLOW UP RESPONSE

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605 (Continued)

ACTION : VFA-37 CODR V09478-01-0014 25JAN01 OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC56814			
	LOT: IX			
FAILED PART:	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC56814			
	LOT: IX			

DESCRIPTION:

While performing Stores Management System Built-In Test, missile caused weapons fail on stores page. Buffer connector was changed and missile reloaded and tested with same results. Missile was loaded on two other known good aircraft with the same discrepancy.

ACTION TAKEN:

31JAN01: NAWC Pt. Mugu requests that if original buffer connector is available the connector be placed in a ziplock bag marked with buffer connector serial number, AWCAP number, Failure type, squadron and ship. Save for the missile presentencing inspection team. Also, request that the missile be retained onboard until further notice. Action point is working to have the AMRAAM Common Field-level Memory Reprogramming Equipment team to test the missile underway.

ACTION	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	NAWC PT MUGU/311200E	REPROGRAMMING TEAM	01MAY01	OPEN
		TEST MISSILE		

REFERENCES	IDENTIFICATION	REFERENCE BRIEF
	VFA-37 MESSAGE 251600ZJAN01	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	310129ZJAN01	

ACTION : VFA-115 CODR R09604-00-0055 12NOV00 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC56819			
	LOT: IX			
FAILED PART:	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC56819			
	LOT: IX			

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15605**

**(Continued)**

**DESCRIPTION:**

Postload check indicated weapons fail on stores management system built-in-test. Missile downloaded and second known good buffer installed; postload check results were identical. Missile loaded onto another aircraft with same results.

**ACTION TAKEN:**

14NOV00: NAWC Pt. Mugu requests missile be held onboard until further notice. Action Point working to have reprogramming team to test missile underway. Request original buffer connector be placed in ziplock bag marked with failed missile serial number, buffer connector serial number, AWCAP number, failure type, squadron and ship. Save for Missile Presentencing Team.

08MAR01: Raytheon confirmed the failure and removed and replaced the control section.

This is closing action for this occurrence.

<b>ACTION SUMMARY</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
		NAWC PT MUGU/311200E	REPROGRAMMING TEAM TEST MISSILE	08MAR01	COMPLETE

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-115 MESSAGE 121305ZNOV00	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 141029ZNOV00	INTERIM RESPONSE
		RAYTHEON AMRS 08MAR01	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-25</b>	<b>CODR</b>	<b>R09637-00-0039</b>	<b>05NOV00</b>	<b>CLOSED</b>
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<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
		3819625-101	1410	01-446-7838	PFD7
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
		<b>S/N:</b> CC07781			
		<b>LOT:</b> XI			
<b>FAILED PART:</b>		3819625-101	1410	01-446-7838	PFD7
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
		<b>S/N:</b> CC07781			
		<b>LOT:</b> XI			

**DESCRIPTION:**

Weapon Fail was displayed during built-in tests. Missile failed on two other known good aircraft.

**ACTION TAKEN:**

06NOV00: NAWC Pt. Mugu requests that if original buffer connector is available, the connector be placed in ziplock bag marked with failed

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AMRAAM ACTIVE (IN SERVICE)  
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PROBLEM NO: 15605

(Continued)

missile serial number, buffer connector serial number, AWCAP number, failure type, squadron and ship; save for Missile Presentencing Team visit. Also, request the missile be held by Weapons Department onboard ship until further notice. Action Point is working to have Common Field-level Memory Reprogramming Equipment team to test asset underway.

06MAR01: Raytheon reported failure could not be confirmed. The missile was returned to Condition Code "A".

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>	NAWC PT MUGU/311200E	REPROGRAMMING TEAM		COMPLETE 06MAR01
		TEST MISSILE		

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-25 MESSAGE 051211ZNOV00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	060429ZNOV00	
	RAYTHEON AMRS 06MAR01	DEPOT REPAIR DATA

<b>ACTION :</b>	<b>VFA-192</b>	<b>CODR</b>	<b>R09076-00-0021</b>	<b>25OCT00</b>	<b>CLOSED</b>
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	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07391			
	<b>LOT:</b> X			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07391			
	<b>LOT:</b> X			

**DESCRIPTION:**

During preflight ground check pilot reported that missile failed after conducting postload test. Missile loaded on two other aircraft with same test results.

**ACTION TAKEN:**

30OCT00: NAWC Pt. Mugu requests missile be held onboard until further notice. Action Point working to have reprogramming team to test missile underway. Request original buffer connector be placed in ziplock bag marked with failed missile serial number, buffer connector serial number, AWCAP number, failure type, squadron and ship. Save for Missile Presentencing Team.

09FEB01: NAWC Pt. Mugu installed CSC-39, T7R15 in missile and placed

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PROBLEM NO: 15605

(Continued)

back into Condition Code "A" while still aboard the USS Kitty Hawk.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		NAWC PT MUGU/311200E	MSL TO BE TESTED BY REPROGRAMMING TEAM		COMPLETE 26NOV01

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-192 MESSAGE 250744ZOCT00	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 301029ZOCT00	INTERIM RESPONSE
		NAWC PT MUGU/311200E AWARS 09FEB01	CSC-39

<b>ACTION</b>	<b>:</b>	<b>VFA-34</b>	<b>CODR</b>	<b>V09070-00-0011</b>	<b>05AUG00</b>	<b>CLOSED</b>
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		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	3819625-100	1410	01-399-2400	PU69
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
		<b>S/N:</b> CC06815			
		<b>LOT:</b> IX			
<b>FAILED PART:</b>		3819625-100	1410	01-399-2400	PU69
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
		<b>S/N:</b> CC06815			
		<b>LOT:</b> IX			

**DESCRIPTION:**

After loading on aircraft missile failed BIT with "WFAIL" indication. Missile downloaded two times and reloaded with new buffer connectors; same failure indicator displayed. Missile ws loaded on a second aircraft with same failure.

**ACTION TAKEN:**

08AUG00: NAWC Pt. Mugu request missile be held by CV-73 weapons department until further notice. Intent is to have reprogramming team test the missile. Also requested that original buffer connector be retained for Missile Presentencing Inspection team.

08MAR01: Raytheon confirmed the failure and removed and replaced the guidance section.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		NAWC PT MUGU/311200E	REPROGRAMMING TEAM TEST MISSILE		COMPLETE 08MAR01

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PROBLEM NO: 15605

(Continued)

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-34 MESSAGE 051355ZAUG00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	080129ZAUG00	
	RAYTHEON AMRS 08MAR01	DEPOT REPAIR DATA

**ACTION :** VFA-192                      CODR              R09076-00-0012              12JUL00 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
<b>END ITEM :</b>	S/N: CC56849			
	LOT: IX			
<b>SUB-ASSY :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	S/N: CC56849			
	LOT: IX			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	S/N: CC56849			
	LOT: IX			

**DESCRIPTION:**

Missile failed BIT twice on two separate aircraft.

**ACTION TAKEN:**

28JUL00: NAWC Pt. Mugu requests that buffer connector be held for Missile Presentencing Team and that missile be held for CFMRE team to test aboard ship.

09FEB01: NAWC Pt. Mugu installed CSC-39, T7R15 in missile and placed back into Condition Code "A" while still aboard the USS Kitty Hawk.

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>	RAYTHEON	TEST AND REPAIR	COMPLETE 26NOV01

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-192 MESSAGE 121700ZJUL00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	280129ZJUL00	
	NAWC PT MUGU/311200E MESSAGE	CORRECTION MESSAGE
	310529ZJUL00	
	NAWC PT MUGU/311200E AWARS 09FEB01	CSC-39

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605 (Continued)

ACTION : VFA-131 CODR R63934-00-0010 07JUN00 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC06850			
FAILED PART:	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC06850			

**DESCRIPTION:**

On two different aircraft missile checked OK on ground but once airborne presented a Weapons Fail on the Digital Display Indicator.

**ACTION TAKEN:**

16JUN00: NAWC Pt. Mugu requests missile be returned per current instruction for further transfer to Depot (Raytheon). Also, request buffer connector, if available, be retained for the Missile Presentencing Inspection team.

08MAR01: Raytheon confirmed the failure and removed and replaced the control section.

This is closing action for this occurrence.

ACTION SUMMARY	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
	RAYTHEON	TEST AND REPAIR		COMPLETE 08MAR01

REFERENCES	IDENTIFICATION	REFERENCE BRIEF
	VFA-131 MESSAGE 071600ZJUN00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 160029ZJUN00	INTERIM RESPONSE
	RAYTHEON AMRS 08MAR01	DEPOT REPAIR DATA

ACTION : VFA-131 CODR R63934-00-0006 06APR00 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC56213			
FAILED PART:	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC56213			

**DESCRIPTION:**

AIM-120C was loaded on station six after release and control system checks were completed. Aircraft was BIT checked, weapon checked 4.0. AIM-120C was flown on mission. Once airborne, pilot received a

**AMRAAM ACTIVE (IN SERVICE)  
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**PROBLEM NO: 15605 (Continued)**

weapon fail indication on the Digital Display Indicator. Post flight checks were conducted and no aircraft system discrepancies were found. Aircraft was BIT checked by ground crew and weapon fail indication did not clear. Weapon was loaded on a known good aircraft. Aircraft was BIT checked again but weapon fail indication still did not clear. Weapon was downloaded and struck below. AMRAAM Reprogramming Team completed a BIT check on the weapon and weapon would not pass BIT, received fail code C000.

**ACTION TAKEN:**

13APR00: NAWC Pt. Mugu requests missile be returned to Raytheon for repair. Also, if original buffer connector is available, it is to be put into ziplock bag marked with missile serial number, and saved for the Missile Presentencing Inspection Team.

09MAR01: Raytheon confirmed the failure and removed and replaced the control section.

This is closing action for this occurrence.

<b>ACTION SUMMARY</b>	<b>:</b>	<b>ACTIVITY/CODE</b> RAYTHEON	<b>ASSIGNMENT</b> TEST AND REPAIR	<b>DUE DATE STATUS</b> COMPLETE 09MAR01
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<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b> VFA-131 MESSAGE 061600ZAPR00 NAWC PT MUGU/311200E MESSAGE 130429ZAPR00 RAYTHEON AMRS 09MAR01	<b>REFERENCE BRIEF</b> PROBLEM REPORT INTERIM RESPONSE DEPOT REPAIR DATA
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<b>ACTION</b>	<b>:</b>	<b>VMFA-251</b>	<b>CDR</b>	<b>M09241-00-0001</b>	<b>03JAN00 CLOSED</b>
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<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b> 3819625-100 <b>NOMEN:</b> GUIDED MISSILE, TACTICAL <b>S/N:</b> CC56821	<b>FSC</b> 1410	<b>NIIN</b> 01-399-2400	<b>NALC</b> PU69
<b>FAILED PART:</b>		3819625-100 <b>NOMEN:</b> GUIDED MISSILE, TACTICAL <b>S/N:</b> CC56821	1410	01-399-2400	PU69

**DESCRIPTION:**

Missile loaded on station six. Stores Management System BIT/station inventory performed; "WEAPON FAILED" indicated on cockpit Digital Display Indicator. Missile loaded on two different aircraft with same result.

**ACTION TAKEN:**

04JAN00: NAWC Pt. Mugu requests missile be returned to Raytheon. Also, if original buffer connector is available, it is to be put

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AMRAAM ACTIVE (IN SERVICE)  
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PROBLEM NO: 15605

(Continued)

into baggie, which is marked with missile serial number, and saved for Missile Presentencing Inspection Team.

21JUN00: Raytheon confirmed the failure and removed and replaced the control section.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		RAYTHEON	TEST AND REPAIR		COMPLETE 21JUN00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VMFA-251 MESSAGE 030845ZJAN00	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 040029ZJAN00	INTERIM RESPONSE
		RAYTHEON AMRS 21JUN00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-82</b>	<b>CODR</b>	<b>V09122-99-0060</b>	<b>05DEC99</b>	<b>CLOSED</b>
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		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	3819625-100	1410	01-399-2400	PU69
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
		<b>S/N:</b> CC56818			
<b>FAILED PART:</b>		3819625-100	1410	01-399-2400	PU69
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
		<b>S/N:</b> CC56818			

**DESCRIPTION:**

After external power was applied and stores management system BIT/station inventory performed, "WFAIL" indicated on cockpit digital display. Missile was downloaded, buffer and right-side encoder/decoder was replaced. BIT was performed again with the same results. New missile loaded with satisfactory results.

**ACTION TAKEN:**

15DEC99: NAWC Pt. Mugu requests that buffer connector be held for Missile Presentencing Team and that missile be returned to Raytheon.

21JUN00: Raytheon confirmed the failure and removed and replaced the guidance section.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		RAYTHEON	TEST/REPAIR		COMPLETE 21JUN00



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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605 (Continued)

PART/DOC. NO. FSC NIIN NALC  
LOT: X

**DESCRIPTION:**

During flight pilot got a "WEAPONS FAIL" for the missile, which was on station 6. Ground crew ran a built-in test with same result. Missile failed when loaded on two other aircraft.

**ACTION TAKEN:**

13JAN00: NAWC Pt. Mugu requests buffer connector be placed in zip lock type bag, marked with failed missile serial number and save for Missile Presentencing Team. NAWC Pt. Mugu also requests missile be returned to Raytheon for test and repair.

31OCT00: Raytheon reported that the failure was confirmed. The guidance section was removed and replaced. The filter rectifier was replaced for the hybrid problem. Missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

**ACTION :** **ACTIVITY/CODE** **ASSIGNMENT** **DUE DATE STATUS**  
**SUMMARY** RAYTHEON TEST AND REPAIR COMPLETE 31OCT00

**REFERENCES :** **IDENTIFICATION** **REFERENCE BRIEF**  
VMFA-323 MESSAGE 301011Z OCT99 PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE  
130029Z JAN00  
RAYTHEON AMRS 31OCT00 DEPOT REPAIR DATA

**ACTION :** **VFA-137** **CODR** **V55142-99-0054** **15SEP99 CLOSED**

**END ITEM :** **PART/DOC. NO.** **FSC** **NIIN** **NALC**  
3819625-100 1410 01-399-2400 PU69  
**NOMEN:** GUIDED MISSILE, TACTICAL  
**S/N:** CC07316  
**FAILED PART:** 3819625-100 1410 01-399-2400 PU69  
**NOMEN:** GUIDED MISSILE, TACTICAL  
**S/N:** CC07316

**DESCRIPTION:**

Missile exhibited a "WEAPON FAIL" indication during preflight BIT. Missile repeated the same failure on a different aircraft.

**ACTION TAKEN:**

21SEP99: NAWC Pt. Mugu requests missile be returned to Raytheon for test and repair.

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**PROBLEM NO: 15605 (Continued)**

31JAN01: Raytheon reported that the failure was confirmed and isolated to the guidance section, which was removed and replaced. The rear data link was damaged and also replaced. The filter rectifier was replaced for the hybrid problem. The control section was replaced per data review. Missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION SUMMARY</b>	<b>: ACTIVITY/CODE</b> RAYTHEON	<b>ASSIGNMENT</b> TEST AND REPAIR	<b>DUE DATE STATUS</b> COMPLETE 31JAN01
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<b>REFERENCES</b>	<b>: IDENTIFICATION</b> VFA-137 MESSAGE 150503ZSEP99 NAWC PT MUGU/311000E MESSAGE 210329ZSEP99 RAYTHEON AMRS 31JAN01	<b>REFERENCE BRIEF</b> PROBLEM REPORT INTERIM RESPONSE DEPOT REPAIR DATA
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<b>ACTION</b>	<b>: VFA-87</b>	<b>CODR</b>	<b>V63922-99-0035</b>	<b>18AUG99</b>	<b>CLOSED</b>
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<b>END ITEM</b>	<b>: PART/DOC. NO.</b> 3819900-100	<b>FSC</b> 1410	<b>NIIN</b> 01-379-4896	<b>NALC</b> PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02787			
<b>FAILED PART:</b>	<b>3819900-100</b>	<b>1410</b>	<b>01-379-4896</b>	<b>PU50</b>
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02787			

**DESCRIPTION:**

Missile loaded per instructions on BUNO 164238 station eight. Preflight BIT check displayed "SMS OPGO" and "WEAPON FAIL" on outboard station eight. Downloaded known good missile from inboard station eight and reloaded on outboard station eight resulting in "AIM-120 GO". Aircraft passed release checks.

**ACTION TAKEN:**

25AUG99: NAWC Pt. Mugu requests missile be returned to Raytheon for test and repair.

15AUG00: Raytheon reported that the failure was confirmed and isolated to the guidance section, which was removed and replaced. The missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION SUMMARY</b>	<b>: ACTIVITY/CODE</b> RAYTHEON	<b>ASSIGNMENT</b> PERFORM TEST/REPAIR	<b>DUE DATE STATUS</b> COMPLETE 15AUG00
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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605 (Continued)

ACTION : VFA-15 CODR V09015-99-0069 04AUG99 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02631			
	<b>LOT:</b> VII			
<b>FAILED PART:</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02631			
	<b>LOT:</b> VII			

**DESCRIPTION:**

Weapon loaded per current loading instructions. Pilot received missile fail indication in flight on BUNO 164627. Discrepancy was confirmed by ground crew. Missile was downloaded and replaced. New missile checked good. Checked failed missile on BUNO 164678 and verified missile failure.

**ACTION TAKEN:**

13AUG99: NAWC Pt. Mugu acknowledges receipt of original CODR.

22SEP99: NAWC Pt. Mugu requests missile be returned to Raytheon for test and repair.

21AUG00: Raytheon reported that the failure was confirmed. Missile was returned for BIT failure. Missile failed All Up Round BIT for guidance section related failures. Operator 10 noted all four fins and one wing was damaged, which were removed and replaced. Missile was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>	RAYTHEON	PERFORM TEST/REPAIR	COMPLETE 21AUG00

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-15 MESSAGE 041000ZAUG99	PROBLEM REPORT
	NAWC PT MUGU/311000E MESSAGE 130729ZAUG99	INTERIM RESPONSE
	NAWC PT MUGU/311000E MESSAGE 220429ZSEP99	FOLLOW-UP RESPONSE
	RAYTHEON AMRS 21AUG00	DEPOT REPAIR DATA

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605 (Continued)

ACTION : VFA-81 CODR V09221-99-0017 23JUL99 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819500-120	1410	01-375-0438	PU45
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CA50664			
<b>FAILED PART:</b>	3819500-120	1410	01-375-0438	PU45
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CA50664			

**DESCRIPTION:**

JAIM-120 missile was loaded on aircraft in accordance with F/A-18 load manual. During missile post loading tune check a weapon fail indication was displayed on the digital data display. A visual integrity check was performed; a missile recheck still indicated "WFAIL". Missile was loaded on two other aircraft with known valid release checks using several different buffer connectors; it continued to fail. Missile was downloaded and turned into the Roosevelt Roads weapons department for disposition.

**ACTION TAKEN:**

30JUL99: NAWC Pt. Mugu requests copy of CODR from VFA-81.

03AUG99: NAWC Pt. Mugu requests missile be returned to NAWC Pt. Mugu for testing.

18SEP00: NAWC Pt. Mugu tested and replaced guidance section provided by Raytheon, and placed missile back in to Condition Code "A".

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>	NAWC PT MUGU/486300E	PERFORM TEST/REPAIR		COMPLETE 17FEB00

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-81 MESSAGE 231546ZJUL99	PROBLEM REPORT
	NAWC PT MUGU/321200E MESSAGE 301729ZJUL99	REQUEST COPY OF CODR
	NAWC PT MUGU/311200E MESSAGE 030029ZAUG99	INTERIM RESPONSE
	NAWC PT MUGU/311200E AWARS 18SEP00	GUIDANCE SECTION REPLACED

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15605 (Continued)**

**ACTION : VFA-27 CODR R65185-99-0017 16JUN99 CLOSED**

<b>END ITEM :</b>	<b>PART/DOC. NO.</b> 3819625-100	<b>FSC</b> 1410	<b>NIIN</b> 01-399-2400	<b>NALC</b> PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07429			
	<b>LOT:</b> X			
<b>FAILED PART:</b>	<b>PART/DOC. NO.</b> 3819625-100	<b>FSC</b> 1410	<b>NIIN</b> 01-399-2400	<b>NALC</b> PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07429			
	<b>LOT:</b> X			

**DESCRIPTION:**

AIM-120 failed BIT check on two different aircraft. Missile failed on station six of aircraft BUNO 164059. Replaced buffer connector and station six encoder/decoder with same result and missile was downloaded. Same missile failed on station eight, configured with LAU-115 and LAU-127 on aircraft BUNO 16041. Replaced missile on same station and new missile passed BIT check.

**ACTION TAKEN:**

19JUN99: Duplicate deficiency received from VFA-27.

24JUN99: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for repair.

This deficiency will remain open until repair is complete.

05SEP00: Raytheon reported that the failure was confirmed and that the guidance section was removed and replaced. The filter rectifier was replaced due to the hybrid problem. Missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>	DPRO RAYTHEON	TEST/REPAIR	COMPLETE 05SEP00

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-27 MESSAGE 161802ZJUN99	CORRECTED PROBLEM REPORT
	VFA-27 MESSAGE 191802ZJUN99	ORIGINAL PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 240129ZJUN99	INTERIM RESPONSE
	RAYTHEON AMRS 05SEP00	DEPOT REPAIR DATA

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605 (Continued)

ACTION : VFA-195 CODR R09706-99-0022 06MAY99 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07396			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC07396			

**DESCRIPTION:**

While ground crew was performing weapon system BIT check, missile came up "WPN FAIL". Loaded weapon on another known good aircraft with the same results.

**ACTION TAKEN:**

11MAY99: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test/repair.

This deficiency will remain open until test/repair is complete.

28AUG00: Raytheon reported that the failure was confirmed. Missile had been returned due to a BIT failure. Missile failed BIT "No Wake Up". Filter rectifier was removed and replaced due to open and shorted inputs. Fin noted at OP10. Missile passed all tests and inspections, was issued a Condition Code "A" tag and was returned to service.

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>	DPRO RAYTHEON	TEST/REPAIR		COMPLETE 28AUG00

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-195 MESSAGE 062230ZMAY99	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 110029ZMAY99	INTERIM RESPONSE
	RAYTHEON AMRS 28AUG00	DEPOT REPAIR DATA

ACTION : VFA-94 CODR R09295-99-0015 19MAR99 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819500-130	1410	01-375-0439	PU46
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CA01593			
<b>FAILED PART:</b>	3819500-130	1410	01-375-0439	PU46
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CA01593			

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15605**

**(Continued)**

**DESCRIPTION:**

Missile was loaded on station six with no discrepancies. Upon missile power up BIT, "WPN FAIL" appeared on cockpit Digital Display Indicator. Weapon downloaded and reloaded on known good aircraft with the same results.

**ACTION TAKEN:**

23MAR99: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for testing/repair.

This deficiency will remain open until test/repair is complete.

24JAN00: Raytheon reported that the failure was confirmed and isolated to the control section, which was removed and replaced. The missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		DPRO RAYTHEON	TEST/REPAIR	COMPLETE 24JAN00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-94 MESSAGE 192233ZMAR99	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
		230529ZMAR99	
		RAYTHEON AMRS 24JAN00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-22</b>	<b>CODR</b>	<b>R09561-99-0024</b>	<b>26FEB99 CLOSED</b>
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		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	3819500-130	1410	01-375-0439	PU46
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CA01641			
<b>FAILED PART:</b>		3819500-130	1410	01-375-0439	PU46
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CA01641			

**DESCRIPTION:**

After completion of Stores Management System BIT, AIM-120 indicated "W-Fail" on right Digital Display Indicator. Missile loaded on second aircraft with the same results.

**ACTION TAKEN:**

02MAR99: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to NWS Yorktown for evaluation.

08MAR99: NAWC Pt. Mugu cancelled original disposition. Missile

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605

(Continued)

should be returned for further transfer to Raytheon for test/repair. This missile will not be included in evaluation at Yorktown.

This deficiency will remain open until test/repair is complete.

31JAN00: Raytheon reported that the failure was confirmed and isolated to the control section, which was removed and replaced. The missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		RAYTHEON	TEST AND REPAIR	COMPLETE	31JAN00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-22 MESSAGE 260500ZFEB99	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 020529ZMAR99	INTERIM RESPONSE
		NAWC PT MUGU/311200E MESSAGE 080029ZMAR99	RESPONSE TO FOLLOW UP REQUEST
		RAYTHEON AMRS 31JAN00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-22</b>	<b>CDR</b>	<b>R09561-99-0002</b>	<b>05JAN99</b>	<b>CLOSED</b>
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		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	3819500-130	1410	01-375-0439	PU46
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CA01575			
<b>FAILED PART:</b>		3819500-130	1410	01-375-0439	PU46
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CA01575			

**DESCRIPTION:**

After completion of Stores Management System BIT, AIM-120 indicated "WPN FAIL" on right Digital Display Indicator. Missile loaded on second aircraft with same results.

**ACTION TAKEN:**

21JAN99: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test/repair.

This deficiency will remain open until test/repair is complete.

23MAR00: Raytheon reported that the failure was confirmed and isolated to the guidance section, which was removed and replaced. Unit passed all tests, was issued a Condition Code "A" tag and returned to service.

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605

(Continued)

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		RAYTHEON	TEST/REPAIR		COMPLETE 23MAR00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-22 MESSAGE 050631ZJAN99	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
		211029ZJAN99	
		RAYTHEON AMRS 23MAR00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-34</b>	<b>CODR/EIR V09070-98-0037</b>	<b>23NOV98</b>	<b>CLOSED</b>
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		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	3819900-100	1410	01-379-4896	PU50
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CB02561			
		<b>LOT:</b> VII			
<b>FAILED PART:</b>		3819900-100	1410	01-379-4896	PU50
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CB02561			
		<b>LOT:</b> VII			

**DESCRIPTION:**

Missile was loaded on station six. When BIT test was performed, "WPN FAIL" was displayed on the Digital Display Indicator. Attempted to re-BIT missile three times with no success. Missile was loaded on second aircraft and failed BIT with the same digital display indication. Both aircraft had current AIM-120 system checks with no discrepancies. Loaded aircraft with a second missile and systems checked 4.0.

**ACTION TAKEN:**

04DEC98: NAWC Pt. Mugu request missile be returned per current instructions for further transfer to depot for test/repair.

This deficiency will remain open until test/repair is complete.

29SEP99: Raytheon reported that the failure was not confirmed. The missile passed ten BITs on Missile Test Set Common Field Memory Reprogramming Equipment and all fast tests. The guidance section was replaced due to pin residue. The missile passed final tests and was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		DPRO RAYTHEON	TEST/REPAIR		COMPLETE 29SEP99





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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605 (Continued)

ACTION : VFA-34 CODR V09070-98-0027 31AUG98 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB52605			
<b>FAILED PART:</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB52605			

**DESCRIPTION:**

AIM-120B loaded on station six. When BIT test was performed, "WPN FAIL" was displayed on the Digital Display Indicator. Attempted to re-BIT missile three times with no success. Missile was loaded on second aircraft and failed BIT with the same digital display indication. Both aircraft had current AIM-120 system checks with no discrepancies. Loaded aircraft with a second missile and systems check 4.0.

**ACTION TAKEN:**

09SEP98: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test/repair.

This deficiency will remain open until test/repair is complete.

02NOV99: Raytheon reported that the failure was confirmed. Missile had been returned for a BIT failure and pin residue rework. Missile failed All Up Round BIT for "No Wake-up". The Guidance section and filter rectifier were replaced. Three fins were also replaced. Missile passed all tests and inspections, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>	DPRO RAYTHEON	TEST AND REPAIR	COMPLETE 02NOV99

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-34 MESSAGE 311000ZAUG98	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	090229ZSEP98	
	RAYTHEON AMRS 02NOV99	DEPOT REPAIR DATA

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605 (Continued)

ACTION : VFA-34 CODR V09070-98-0026 30AUG98 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02484			
	<b>LOT:</b> VII			
<b>FAILED PART:</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02484			
	<b>LOT:</b> VII			

**DESCRIPTION:**

AIM-120 loaded on aircraft station six. When AMRAAM BIT test was performed "WPN FAIL" was displayed on the Digital Display Indicator. Attempted to re-BIT missile three times with no success. Missile was loaded on second aircraft and failed BIT with same digital display indication. Both aircraft had current AIM-120 system checks with no discrepancies. Loaded aircraft with a second missile and systems checked 4.0.

**ACTION TAKEN:**

09SEP98: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test/repair.

This deficiency will remain open until test/repair is complete.

25OCT99: Raytheon reported that the failure was confirmed. Missile failed incoming All Up Round BIT for a critical BIT set failure. The guidance section was replaced. The guidance section also required pin residue rework. One wing and three fins were damaged and were replaced. The missile passed all tests and inspections, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>	DPRO RAYTHEON	TEST/REPAIR	COMPLETE 25OCT99

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-34 MESSAGE 301000ZAUG98	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	090229ZSEP98	
	RAYTHEON AMRS 25OCT99	DEPOT REPAIR DATA

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605 (Continued)

ACTION : VFA-81 CODR V09221-98-0039 19JUL98 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02485			
	<b>LOT:</b> VII			
<b>FAILED PART:</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02485			
	<b>LOT:</b> VII			

**DESCRIPTION:**

Missile was loaded on aircraft fuselage station six. During postloading inspection, ground crew power was applied to aircraft to ensure proper interface with weapon. After Stores Management System power up of weapon system, a weapon fail indication displayed for station six. Integrated Weapons Team personnel performed additional troubleshooting techniques, but could not clear weapon fail indication. Missile was downloaded and subsequently uploaded on a different aircraft with known good release systems checks with the same results. Another AMRAAM missile was loaded on both aircraft involved and passed Stores Management System power up BIT's with no discrepancies.

**ACTION TAKEN:**

22JUL98: NAWC Pt. Mugu requests missile be returned per current instruction for further transfer to depot for test/repair.

This deficiency will remain open until test/repair is complete.

11NOV99: Raytheon reported that the failure was confirmed. Missile was returned for BIT failure. Guidance section also needed pin residue rework. Missile failed incoming All Up Round BIT for fail wakeup. The guidance section was replaced along with two wings and four fins. The missile passed all tests and inspections, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>	DPRO RAYTHEON	TEST/REPAIR	COMPLETE 11NOV99

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-81 MESSAGE 191546ZJUL98	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 220229ZJUL98	INTERIM RESPONSE
	RAYTHEON AMRS 11NOV99	DEPOT REPAIR DATA

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605 (Continued)

ACTION : VFA-83 CODR V09223-98-0034 29JUN98 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02865			
<b>FAILED PART:</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02865			

**DESCRIPTION:**

AMRAAM BIT performed by ground crew and all indication were normal. Pilot reported "WPN FAIL" indication airborne. Weapon downloaded and aircraft release checked 4.0. Weapon loaded on two other aircraft with "WPN FAIL" indications.

**ACTION TAKEN:**

07JUL98: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test and repair.

This deficiency will remain open until test and repair is complete.

11NOV99: Raytheon reported that failure was confirmed. Missile had been returned for a BIT failure. The missile failed incoming All Up Round BIT for guidance section related failure. Guidance section was replaced. Missile then failed status word "B". Guidance section was again replaced. Missile passed all tests and inspections, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>	DPRO RAYTHEON	TEST/REPAIR	COMPLETE 11NOV99

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-83 MESSAGE 290933ZJUN98	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	070329ZJUL98	
	RAYTHEON AMRS 11NOV99	DEPOT REPAIR DATA

ACTION : VFA-136 CODR V55141-98-0021 17MAY98 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02930			
	<b>LOT:</b> VII			

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605

(Continued)

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>FAILED PART:</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02930			
	<b>LOT:</b> VII			

**DESCRIPTION:**

After engine turnup, aircrew performed Stores Management System BIT. After completion, station six six showed "WPN FAIL". Missile was downloaded and release and control checks performed with no discrepancies.

**ACTION TAKEN:**

20MAY98: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test/repair.

This deficiency will remain open until test/repair is complete.

02OCT98: DPRO Raytheon reports the missile arrived in Tucson on 02OCT98 and is in work.

25NOV98: Raytheon reported that the failure was confirmed and isolated to the guidance section, which was removed and replaced. The missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		DPRO RAYTHEON	REPAIR		COMPLETE 25NOV98

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-136 MESSAGE 171600ZMAY98	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 200129ZMAY98	INTERIM RESPONSE
		DPRO RAYTHEON MIP MINUTES 02OCT98	UPDATE
		DPRO RAYTHEON AMRS 25NOV98	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-131</b>	<b>CODR</b>	<b>R63934-98-0020</b>	<b>16MAY98</b>	<b>CLOSED</b>
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	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	:	3819500-130	1410	01-375-0439
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT		
		<b>S/N:</b> CA01860		
		<b>LOT:</b> VI		
<b>FAILED PART:</b>		3819500-130	1410	01-375-0439
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT		
		<b>S/N:</b> CA01860		
		<b>LOT:</b> VII		

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15605**

**(Continued)**

**DESCRIPTION:**

Missile failed BIT on aircraft. Release and control test performed with no discrepancies. A different AIM-120A loaded on same aircraft and checked good.

**ACTION TAKEN:**

28MAY98: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test/repair.

This deficiency will remain open until test/repair is complete.

28MAY98: VFA-131 sent corrected deficiency with new serial number.

15DEC98: Raytheon reports the asset was received on 02OCT98 and is in work.

12MAY99: Raytheon reported that the failure was not confirmed. The missile passed All Up Round BIT on Common Field Memory Reprogramming Equipment. Incoming inspection noted a gouged radome. The guidance section was replaced. The missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		DPRO RAYTHEON	TEST/REPAIR	COMPLETE 12MAY99

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-131 MESSAGE 161100ZMAY98	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 281129ZMAY98	INTERIM RESPONSE
		VFA-131 MESSAGE 281200ZMAY98	REPORT CORRECTION
		DPRO RAYTHEON MIP MINUTES 15DEC98	UPDATE
		RAYTHEON AMRS 12MAY99	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-83</b>	<b>CODR</b>	<b>V09223-98-0009</b>	<b>12FEB98 CLOSED</b>
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		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	3819900-100	1410	01-379-4896	PU50
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CB52609			
<b>FAILED PART:</b>		3819900-100	1410	01-379-4896	PU50
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CB52609			

**DESCRIPTION:**

While performing BIT, stores page on right Digital Display Indicator displayed "WPN FAIL" under the AMRAAM display, with "SMS GO"

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605

(Continued)

displayed on BIT page of left Digital Display Indicator. Missile downloaded and aircraft release checked with no discrepancies. Missile loaded on another aircraft with the same results.

**ACTION TAKEN:**

18DEC98: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test/repair.

This deficiency will remain open until test/repair by depot is complete.

04NOV99: Raytheon reported that the failure was confirmed. Missile failed All Up Round BIT for "No Wake Up". Guidance section was removed and replaced. A secondary failure resulted in the rear data link being replaced due to damaged antenna. Missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		DPRO RAYTHEON	TEST/REPAIR		COMPLETE 04NOV99

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-83 MESSAGE 121653ZFEB98	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
		180129ZDEC98	
		RAYTHEON AMRS 04NOV99	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-82</b>	<b>CODR</b>	<b>V09122-98-0004</b>	<b>20JAN98</b>	<b>CLOSED</b>
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		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	3819900-100	1410	01-379-4896	PU50
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CB02855			
		<b>LOT:</b> VII			
<b>FAILED PART:</b>		3819900-100	1410	01-379-4896	PU50
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CB02855			
		<b>LOT:</b> VII			

**DESCRIPTION:**

Missile loaded, external power was applied and Stores Management System BIT and station inventory performed. "WPN FAIL" indicated on cockpit Digital Display Indicator. Malfunction code 399 displayed on nose wheel Digital Display Indicator. Missile loaded on two separate aircraft with identical digital display indications and malfunction code.



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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605

(Continued)

This deficiency will remain open until testing/repairs are complete.

07MAY98: Subject missile to be shipped to Raytheon for repair.

21SEP98: Raytheon reported that the failure was confirmed and isolated to the guidance section, which was removed and replaced. A secondary failure resulted in the rear data link being removed and replaced. The missile passed all tests and was issued a Condition Code "A" tag. Missile was returned to service.

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>	DPRO RAYTHEON	TEST AND REPAIR		COMPLETE 21OCT98
	WSF YORKTOWN	INVESTIGATE		COMPLETE 07MAY98
	WSF YORKTOWN	SHIP ASSET TO RAYTHEON FOR REPAIR		COMPLETE 21OCT98

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-82 MESSAGE 052156ZDEC97	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 090629ZDEC97	INTERIM RESPONSE
	NAWC PT MUGU EMAIL 07MAY98	SHIP TO RAYTHEON FOR REPAIR
	DPRO RAYTHEON AMRS 21SEP98	DEPOT REPAIR DATA

<b>ACTION :</b>	<b>VFA-147</b>	<b>CODR</b>	<b>R63925-97-0074</b>	<b>22NOV97</b>	<b>CLOSED</b>
	<b>END ITEM :</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
		3819625-100	1410	01-399-2400	PU69
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
		<b>S/N:</b> CC06843			
		<b>LOT:</b> IX			
	<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
		<b>S/N:</b> CC06843			
		<b>LOT:</b> IX			

**DESCRIPTION:**

Missile loaded on station six, during BIT, missile status indicated "WPN FAIL". Missile loaded on second aircraft with same results.

**ACTION TAKEN:**

12JAN98: NAWC Pt. Mugu requests missile be returned per current instructions to NWS Yorktown for test and further disposition.

This deficiency will remain open until test/repairs are completed.

23AUG98: VFA-147 request retransmission of original response.

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605

(Continued)

27AUG98: NAWC Pt. Mugu faxed response to VFA-147.

15DEC98: DPRO Raytheon reports the missile arrived at Tucson on 09JUL98 and is in work.

30DEC98: Raytheon reported that the failure was confirmed and isolated to the guidance section and the filter rectifier, which were removed and replaced. Missile passed tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION SUMMARY</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
		DPRO RAYTHEON	ASSET RECVD/TEST AND REPAIR		COMPLETE 30DEC98
		WSF YORKTOWN	TEST		COMPLETE 15DEC98

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-147 MESSAGE 221811ZNOV97	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 120629ZJAN98	INTERIM RESPONSE
		VFA-147 MESSAGE 230911ZAUG98	FOLLOW UP
		NAWC PT MUGU/311200E FAX 27AUG98	INTERIM REPLY
		DPRO RAYTHEON MIP MINUTES 15DEC98	UPDATE
		DPRO RAYTHEON AMRS 30DEC98	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-87</b>	<b>CDR</b>	<b>V63922-97-0025</b>	<b>03SEP97</b>	<b>CLOSED</b>
<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>	
		3819900-100	1410	01-379-4896	PU50	
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT				
		<b>S/N:</b> CB52582				
		<b>LOT:</b> VII				
<b>FAILED PART:</b>		3819900-100	1410	01-379-4896	PU50	
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT				
		<b>S/N:</b> CB52582				
		<b>LOT:</b> VII				

**DESCRIPTION:**

During flight, pilot noted station six indicated "WPN FAIL". AIM-120 was downloaded and release checked with no discrepancy. A second AIM-120 was loaded on same station. Pilot's preflight weapon system checks were performed and station six checked 4.0.

**ACTION TAKEN:**

11SEP97: NAWC Pt. Mugu requests missile be returned per current instructions to NWS Yorktown for test and further disposition.

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15605

(Continued)

This deficiency will remain open until test/repairs are complete.

15DEC98: DPRO Raytheon reports the missile arrived at Tucson on 13OCT98 and is in work.

14JAN99: Raytheon reported that the failure was confirmed and isolated to the guidance section, which was removed and replaced. Missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		DPRO RAYTHEON	ASSET RECVD/TEST AND REPAIR		COMPLETE 14JAN99
		NWS YORKTOWN	TEST AND REPAIR		COMPLETE 15DEC98

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-87 MESSAGE 030730ZSEP97	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 110129ZSEP97	INTERIM RESPONSE
		DPRO RAYTHEON MIP MINUTES 15DEC98	UPDATE
		RAYTHEON AMRS 14JAN99	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-137</b>	<b>CODR</b>	<b>V55142-97-0014</b>	<b>14JUN97</b>	<b>CLOSED</b>	
		<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
				3819625-100	1410	01-399-2400	PU69
				<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
				<b>S/N:</b> CC56073			
				<b>LOT:</b> VIII			
		<b>FAILED PART:</b>		3819625-100	1410	01-399-2400	PU69
				<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
				<b>S/N:</b> CC56073			
				<b>LOT:</b> VIII			

**DESCRIPTION:**

Post load missile test procedures showed "WPN FAIL" at step J. Missile was checked on BUNO 164709 station six and BUNO 164720 station six with the same results. Release and control checks were good. Other AMRAAM missiles checked good on the same stations.

**ACTION TAKEN:**

19JUN97: NAWC Pt. Mugu requests missile be returned per current instructions to NOC Fallbrook for test and further disposition.

This deficiency will remain open until test/repair is complete.

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15605**

**(Continued)**

14AUG97: VFA-137 requests response to deficiency.

20AUG97: NAWC Pt. Mugu sent second response.

28JAN98: VFA-137 request response to deficiency.

09FEB98: NAWC Pt. Mugu sent third response.

18MAR98: VFA-137 requests response to deficiency.

07MAY98: This asset will be shipped to Raytheon for repair.

This deficiency will remain open until test/repair is complete.

01SEP98: Raytheon reported that the failure was confirmed. Guidance Section was removed for Gas Sample Test. The guidance section was replaced. A second failure occurred with the replaced Guidance Section, which failed Prom Check Sum. The Guidance Section was replaced a second time. Missile then passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		NOC FALLBROOK	INVESTIGATE		COMPLETE 07MAY98
		NOC FALLBROOK	SHIP ASSET TO RAYTHEON FOR REPAIR		COMPLETE 01SEP98

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-137 MESSAGE 140203ZJUN97	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 190129ZJUN97	INTERIM RESPONSE
		VFA-137 MESSAGE 140103ZAUG97	FOLLOW UP
		NAWC PT MUGU MESSAGE 200129ZAUG97	SECOND RESPONSE
		VFA-137 MESSAGE 280103ZJAN98	SECOND FOLLOW UP
		NAWC PT MUGU/311200E MESSAGE 090329ZFEB98	CODR UPDATE
		VFA-137 MESSAGE 180103ZMAR98	THIRD FOLLOW UP
		FMSO MECHANICSBURG E-MAIL 07MAY98	SHIP TO RAYTHEON FOR REPAIR
		DCMC RAYTHEON AMRS 01SEP98	DEPOT REPAIR DATA

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15665 OPEN

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	MISSILE GUIDED, INTERCEPT	3819500-130	1410	01-375-0439	PU46
	CONNECTOR BUFFER	654478-3	5935	01-336-9017	

EI CNTRL NO:

PROB BRIEF : AIM-120 BUFFER CONNECTOR FAILED TO OPERATE

PROBLEM : Missile caused weapons degrade.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Replace buffer connector.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	VFA-22	CODR	R09561-01-0026	08SEP01	OPEN
	VFA-37	CODR	V09478-98-0034A	10DEC98	CLOSED *
	VFA-151	CODR	R09558-94-0056	01SEP94	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : VFA-22 CODR R09561-01-0026 08SEP01 OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	654478-3	5935	01-336-9017	
	NOMEN: CONNECTOR BUFFER			
	S/N: N/A			
	LOT: N/A			
FAILED PART:	654478-3	5935	01-336-9017	
	NOMEN: CONNECTOR BUFFER			
	S/N: N/A			
	LOT: N/A			

DESCRIPTION:

A postload weapons test resulted in a stores management system built-in-test failure. An internal failure of the adapter connector plug (buffer connector) is suspected.

ACTION TAKEN:

17SEP01: NAWC Pt. Mugu requests the connector be placed in a ziplock bag and save it for the missile presentencing team.

ACTION SUMMARY	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
	NAWC PT MUGU/486300E	TEST AND RECORD RESULTS	16DEC01	OPEN

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15665

(Continued) |

REFERENCES : IDENTIFICATION

VFA-22 MESSAGE 081615ZSEP01  
NAWC PT MUGU/311200E MESSAGE  
170529ZSEP01

REFERENCE BRIEF

PROBLEM REPORT  
INTERIM RESPONSE

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15831 OPEN

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	MISSILE GUIDED, INTERCEPT	3819500-130	1410	01-375-0439	PU46
	MISSILE GUIDED, INTERCEPT	3819900-100	1410	01-379-4896	PU50

EI CNTRL NO:

PROB BRIEF : AIM-120 WARHEAD DELAMINATION

PROBLEM : Delamination on warhead.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return to depot.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	VMFA-323	CODR	M09235-01-0022	30JUN01	OPEN
	VMFA-251	CODR	M09241-98-0006	09JAN98	CLOSED *
	USS AMERICA (CV-66)	CODR	V03366-95-0039	28DEC95	CLOSED *
	28 TESTS EGLIN	PQDR II	FB2823-94-0401	24OCT94	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : VMFA-323 CODR M09235-01-0022 30JUN01 OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819900-100	1410	01-379-4896	PU50
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CB52356			
	LOT: VII			
FAILED PART:	3819900-100	1410	01-379-4896	PU50
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CB52356			
	LOT: VII			

DESCRIPTION:

The warhead section has a strip of composite peeled away cylindrically. The missing strip area is 4 inches long, 1/8 inch wide and 1/16 inch deep. It appears to have originated from a small impact point of unknown origin.

ACTION TAKEN:

02JUL01: NAWC Pt. Mugu requests that the missile be returned per current instruction in Condition Code "F" to Depot (Raytheon, UIC Q95704) for repair.

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15831

(Continued) |

ACTION	: ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	RAYTHEON	TEST AND REPAIR	30SEP01	OPEN

REFERENCES	: IDENTIFICATION	REFERENCE BRIEF
	VMFA-323 MESSAGE 300701ZJUN01	PROBLEM REPORT
	NAWC PT MUGU/311000E MESSAGE	INTERIM RESPONSE
	020229ZJUL01	

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15898

OPEN

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
:	GUIDED MISSILE, TACTICAL	3817625-100	1410	01-399-2400	PU69
	MISSILE GUIDED, INTERCEPT	3819500-130	1410	01-375-0439	PU46
	MISSILE GUIDED, TELEMETRY	3819535-120	1410	01-369-1922	PY85
	GUIDED MISSILE, TACTICAL	3819625-100	1410	01-399-2400	PU69
	GUIDED MISSILE, TACTICAL	3819625-101	1410	01-446-7838	PFD7
	MISSILE GUIDED, INTERCEPT	3819900-100	1410	01-379-4896	PU50

EI CNTRL NO: 98-0021

PROB BRIEF : AIM-120 WEAPONS DEGRADE (5 SECOND BIT AND RDL)

PROBLEM : Weapons degrade.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return to depot.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VFA-86	CODR	V09943-01-0019	17AUG01	CLOSED
	VFA-15	CODR	V09015-01-0041	02AUG01	OPEN
	VMFA(AW)-225	CODR	M09232-01-0008	02APR01	OPEN
	VMFA(AW)-225	CODR	M09232-01-0009	02APR01	OPEN
	VFA-105	CODR	V65183-01-0003	03FEB01	OPEN
	VFA-195	CODR	R09706-00-0047	24OCT00	CLOSED
	VFA-81	CODR	V09221-00-0031	20SEP00	OPEN
	VFA-147	CODR	R63925-00-0013	28MAR00	CLOSED
	VFA-151	CODR	R09558-99-0049	28SEP99	CLOSED
	VFA-137	CODR	V55142-99-0052	15SEP99	CLOSED
	VFA-94	CODR	R09295-99-0001	08JAN99	CLOSED
	VFA-115	CODR	R09604-98-0043	19AUG98	CLOSED *
	VFA-27	CODR	R65185-98-0011	21FEB98	CLOSED *
	VFA-86	CODR	V09943-98-0017	01FEB98	CLOSED *
	VFA-86	CODR	V09943-98-0004	08JAN98	CLOSED
	VFA-86	CODR	V09943-97-0044	22DEC97	CLOSED *
	VMFA-323	CODR	M09235-97-0036	11AUG97	CLOSED
	VFA-94	CODR	R09295-97-0004	24JAN97	CLOSED *
	VFA-113	CODR	R09092-96-0046	06SEP96	CLOSED *
	VFA-25	CODR	R09637-96-0039	07AUG96	CLOSED *
	VMFA(AW)-332	CODR	M09501-96-0030	29APR96	CLOSED *
	VFA-195	CODR	R09706-95-0066	11SEP95	CLOSED *
	VFA-22	CODR	R09561-95-0072	18AUG95	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION



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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15898

(Continued)

**ACTION :** **ACTIVITY/CODE** **ASSIGNMENT** **DUE DATE STATUS**  
**SUMMARY** NAWC PT MUGU/311200E INVESTIGATE COMPLETE 11SEP01

**REFERENCES :** **IDENTIFICATION** **REFERENCE BRIEF**  
VFA-86 MESSAGE 172003ZAUG01 PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE 240329ZAUG01 RECEIPT ACKNOWLEDGEMENT  
VFA-86 E-MAIL 071159RSEP01 MISSILE RESTESTED OK  
NAWC PT MUGU/311200E MESSAGE 110029ZSEP01 CLOSING  
NAWC PT MUGU/311200E MESSAGE 110029ZSEP01 RETURN MISSILE TO CODE A;  
110029ZSEP01 STORE AT MCAS

**ACTION :** **VFA-15** **CODR** **V09015-01-0041** **02AUG01 OPEN**

**END ITEM :** **PART/DOC. NO.** **FSC** **NIIN** **NALC**  
3819625-100 1410 01-399-2400 PU69  
**NOMEN:** GUIDED MISSILE, TACTICAL  
**S/N:** CC56073  
**LOT:** VIII  
**FAILED PART:** 3819625-100 1410 01-399-2400 PU69  
**NOMEN:** GUIDED MISSILE, TACTICAL  
**S/N:** CC56073  
**LOT:** VIII

**DESCRIPTION:**

Missile was loaded on aircraft. During storage management system built-in test, pilot reported the missile was degraded. Missile was downloaded and loaded on a second aircraft with a known good buffer connector. The same discrepancy was confirmed. Loaded on a third aircraft, the missile again failed.

**ACTION TAKEN:**

07AUG01: NAWC Pt. Mugu requests that if the original buffer connector is available the connector be placed in a ziplock bag marked with failed missile serial number, buffer connector serial number, AWCAP number, failure type, squadron and ship. Save the connector for the missile presentencing inspection team. NAWC Pt. Mugu also requests that the missile be returned per current instruction in Condition Code "F" to the Depot (Raytheon, UIC Q95704) for repair.

**ACTION :** **ACTIVITY/CODE** **ASSIGNMENT** **DUE DATE STATUS**  
**SUMMARY** RAYTHEON TEST AND REPAIR 05NOV01 OPEN

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15898

(Continued)

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-15 MESSAGE 021453ZAUG01	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	070529ZAUG01	

**ACTION :** VMFA(AW)-225                      CODR              M09232-01-0008              02APR01 OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
<b>END ITEM :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC57342			
	<b>LOT:</b> X			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC57342			
	<b>LOT:</b> X			

**DESCRIPTION:**

Before flight post load checks performed with no discrepancies. During flight pilot noted that the AIM-120 on the stores page showed "DL" with a line through it. A different missile was loaded on the same aircraft on the same station and passed multiple built-in tests. The subject missile was loaded on a different aircraft and failed data link test.

**ACTION TAKEN:**

03APR01: NAWC Pt. Mugu requests that if the original buffer connector is available the connector be placed in a ziplock bag marked with failed missile serial number, buffer connector serial number, AWCAP number, failure type, squadron and ship. Save the connector for the missile presentencing inspection team. Also, request the missile be returned per current instruction for further transfer to Depot (Raytheon, UIC Q95704) for repair.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>	RAYTHEON	TEST AND REPAIR	02JUL01	OPEN

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VMFA(AW)-225 MESSAGE 021302ZAPR01	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	030929ZAPR01	

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15898 (Continued)

ACTION : VMFA(AW)-225 CODR M09232-01-0009 02APR01 OPEN

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC57339			
	<b>LOT:</b> X			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC57339			
	<b>LOT:</b> X			

**DESCRIPTION:**

Before flight post load checks performed with no discrepancies. During flight pilot noted that the AIM-120 on the stores page showed "DL" with a line through it. A different missile was loaded on the same aircraft on the same station and passed multiple built-in tests. The subject missile was loaded on a different aircraft and failed data link test.

**ACTION TAKEN:**

03APR01: NAWC Pt. Mugu requests that if the original buffer connector is available the connector be placed in a ziplock bag marked with failed missile serial number, buffer connector serial number, AWCAP number, failure type, squadron and ship. Save the connector for the missile presentencing inspection team. Also, request the missile be returned per current instruction for further transfer to Depot (Raytheon, UIC Q95704) for repair.

<b>ACTION SUMMARY :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
	RAYTHEON	TEST AND REPAIR	02JUL01	OPEN

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VMFA(AW)-225 MESSAGE 021322ZAPR01	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 030929ZAPR01	INTERIM RESPONSE

ACTION : VFA-105 CODR V65183-01-0003 03FEB01 OPEN

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC57346			
	<b>LOT:</b> X			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC57346			
	<b>LOT:</b> X			

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15898**

**(Continued)**

**DESCRIPTION:**

Upon return from flight pilot reported weapon degrade. During postflight turnaround ground crew performed Built-In Test. After AMRAAM Built-In Test the stores management system displayed weapon degrade. Test was repeated three times with no success. The missile was loaded on a second aircraft and failed system checks with the same results. Both aircraft were loaded with another missile, and system checks were satisfactory.

**ACTION TAKEN:**

06FEB01: NAWC Pt. Mugu requests that if the original buffer connector is available the connector be placed in a ziplock bag marked with buffer connector serial number, AWCAP number, Failure type, squadron and ship. Save the connector for the missile presentencing inspection team. Also, request the missile be returned per current instruction for further transfer to Depot (Raytheon, UIC Q95704) for repair.

<b>ACTION SUMMARY</b>	<b>:</b>	<b>ACTIVITY/CODE</b> RAYTHEON	<b>ASSIGNMENT</b> TEST AND REPAIR	<b>DUE DATE STATUS</b> 07MAY01 OPEN
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<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b> VFA-105 MESSAGE 031107ZFEB01 NAWC PT MUGU/311200E MESSAGE 060229ZFEB01	<b>REFERENCE BRIEF</b> PROBLEM REPORT INTERIM RESPONSE
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<b>ACTION</b>	<b>:</b>	<b>VFA-195</b>	<b>CODR</b>	<b>R09706-00-0047</b>	<b>24OCT00 CLOSED</b>
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<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b> 3819625-100 <b>NOMEN:</b> GUIDED MISSILE, TACTICAL <b>S/N:</b> CC56021 <b>LOT:</b> VIII	<b>FSC</b> 1410	<b>NIIN</b> 01-399-2400	<b>NALC</b> PU69
<b>FAILED PART:</b>		3819625-100 <b>NOMEN:</b> GUIDED MISSILE, TACTICAL <b>S/N:</b> CC56021 <b>LOT:</b> VIII	1410	01-399-2400	PU69

**DESCRIPTION:**

Missile caused weapons degrade on two different aircraft.

**ACTION TAKEN:**

30OCT00: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to Depot (Raytheon) for repair. if available, request original buffer connector be placed in ziplock bag marked with failed missile serial number, buffer connector serial number, AWCAP number, failure type, squadron and ship. Retain for Missile Presentencing Team.

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15898**

**(Continued)**

28JAN01: Raytheon reported that the failure was confirmed. Missile had been returned for weapon degrade. Missile passed two all-up-round built-in tests on a missile test set, eight on common field missile reprogramming equipment, two fully automated systems tests, and two more all-up-round built-in tests. Buffer was noted as being absent during incoming test. Missile passed all tests and inspections, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION SUMMARY</b>	<b>:</b>	<b>ACTIVITY/CODE</b> RAYTHEON	<b>ASSIGNMENT</b> TEST AND REPAIR	<b>DUE DATE STATUS</b> COMPLETE 28JAN01
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<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b> VFA-195 MESSAGE 240937ZOCT00 NAWC PT MUGU/311200E MESSAGE 301129ZOCT00 RAYTHEON AMRS 28JAN01	<b>REFERENCE BRIEF</b> PROBLEM REPORT INTERIM RESPONSE DEPOT REPAIR DATA
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<b>ACTION</b>	<b>:</b>	<b>VFA-81</b>	<b>CODR</b>	<b>V09221-00-0031</b>	<b>20SEP00 OPEN</b>
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<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b> 3819625-101 <b>NOMEN:</b> GUIDED MISSILE, TACTICAL <b>S/N:</b> CC07675 <b>LOT:</b> XI	<b>FSC</b> 1410	<b>NIIN</b> 01-446-7838	<b>NALC</b> PFD7
<b>FAILED PART:</b>		3819625-101 <b>NOMEN:</b> GUIDED MISSILE, TACTICAL <b>S/N:</b> CC07675 <b>LOT:</b> XI	1410	01-446-7838	PFD7

**DESCRIPTION:**

During post-loading checks missile revealed weapons degrade after radar was turned on for three minutes. Missile revealed same results on two separate aircraft.

**ACTION TAKEN:**

28SEP00: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to Depot (Raytheon, UIC Q95704) for repair. If original buffer connector is available, request connector be placed in ziplock bag marked with failed missile serial number, buffer connector serial number, AWCAP number, failure type, squadron and ship. Save for Missile Presentencing Team visit.

<b>ACTION SUMMARY</b>	<b>:</b>	<b>ACTIVITY/CODE</b> RAYTHEON	<b>ASSIGNMENT</b> TEST AND REPAIR	<b>DUE DATE STATUS</b> 27DEC00 OPEN
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30-NOV-01

AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15898 (Continued)

ACTION : VFA-137 CODR V55142-99-0052 15SEP99 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC56019			
FAILED PART:	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC56019			

DESCRIPTION:

Weapon degrade occurred during flight. Missile was loaded on another aircraft and failed for same discrepancy.

ACTION TAKEN:

21SEP99: NAWC Pt. Mugu requests missile be returned to Raytheon for test and repair.

31JAN01: Raytheon reported that the failure was confirmed and isolated to the guidance section, which was removed and replaced. A secondary failure, for datalink damage, resulted in the rear data link being replaced. Missile passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

ACTION	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	RAYTHEON	TEST AND REPAIR		COMPLETE 31JAN01

REFERENCES	IDENTIFICATION	REFERENCE BRIEF
	VFA-137 MESSAGE 150303ZSEP99	PROBLEM REPORT
	NAWC PT MUGU/311000E MESSAGE 210329ZSEP99	INTERIM RESPONSE
	RAYTHEON AMRS 31JAN01	DEPOT REPAIR DATA

ACTION : VFA-94 CODR R09295-99-0001 08JAN99 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC56021			
FAILED PART:	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC56021			

DESCRIPTION:

During postload power up of AIM-120C missile, missile degrade was observed on cockpit Digital Display Indicator. Missile was

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15898 (Continued)**

downloaded and buffer connector was replaced. Missile was reloaded and powered up with the same results. Missile was downloaded and another missile loaded on the same station of the same aircraft. Missile was powered up with no discrepancies. Missile turned in to weapons department.

**ACTION TAKEN:**

12JAN99: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test and repair.

This deficiency will remain open until test/repair is complete.

20OCT99: Raytheon reported that the failure was confirmed. Missile had been returned for weapon degrade. Missile passed two All Up Round BITs on Missile Test Set eight on Common Field Memory Reprogramming Equipment, two FASTs and two more All Up Round BITs. Buffer was noted as being absent during incoming test. Missile passed all tests and inspections, was issued a Condition Code "A" tag and was returned to service.

This is closing action for this occurrence.

<b>ACTION SUMMARY</b>	<b>: ACTIVITY/CODE</b> DPRO RAYTHEON	<b>ASSIGNMENT</b> REPAIR	<b>DUE DATE STATUS</b> COMPLETE 20OCT99
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<b>REFERENCES</b>	<b>: IDENTIFICATION</b> VFA-94 MESSAGE 081103ZJAN99 NAWC PT MUGU/311200E MESSAGE 120229ZJAN99 RAYTHEON AMRS 20OCT99	<b>REFERENCE BRIEF</b> PROBLEM REPORT INTERIM RESPONSE DEPOT REPAIR DATA
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<b>ACTION</b>	<b>: VFA-86</b>	<b>CDR</b>	<b>V09943-98-0004</b>	<b>08JAN98 CLOSED</b>
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<b>END ITEM</b>	<b>: PART/DOC. NO.</b> 3819500-130 <b>NOMEN:</b> MISSILE GUIDED, INTERCEPT <b>S/N:</b> CA01367 <b>LOT:</b> V	<b>FSC</b> 1410	<b>NIIN</b> 01-375-0439	<b>NALC</b> PU46
<b>FAILED PART:</b>	3819500-130 <b>NOMEN:</b> MISSILE GUIDED, INTERCEPT <b>S/N:</b> CA01367 <b>LOT:</b> V	1410	01-375-0439	PU46

**DESCRIPTION:**

During BIT check, Stores Management System displayed weapon degrade. Missile was downloaded and separate missile uploaded on same station with satisfactory BIT check.

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15898**

**(Continued)**

**ACTION TAKEN:**

12JAN98: NAWC Pt. Mugu requests missile be returned per current instructions to NWS Yorktown for test and further disposition.

This deficiency will remain open until test/repair is complete.

15DEC98: Raytheon reports the asset was received 15JUN98 and is in work.

01JUN99: Raytheon reports the missile is backlogged for repair.

30JUN99: Raytheon reported that the failure was confirmed when it failed fast for Target Detecting Device, which resulted in the guidance section being removed and replaced. The rear data link was replaced due to a damaged antenna. The unit passed all tests, was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION SUMMARY</b>	<b>: ACTIVITY/CODE</b> WSF YORKTOWN	<b>ASSIGNMENT</b> TEST	<b>DUE DATE STATUS</b> COMPLETE 30JUN99
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<b>REFERENCES</b>	<b>: IDENTIFICATION</b> VFA-86 MESSAGE 081200ZJAN98 NAWC PT MUGU/311200E MESSAGE 121229ZJAN98 DPRO RAYTHEON MIP 15DEC98 DPRO RAYTHEON E-MAIL 01JUN99 RAYTHEON AMRS 30JUN99	<b>REFERENCE BRIEF</b> PROBLEM REPORT INTERIM RESPONSE  UPDATE UPDATE DEPOT REPAIR DATA
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<b>ACTION</b>	<b>: VMFA-323</b>	<b>CODR</b>	<b>M09235-97-0036</b>	<b>11AUG97 CLOSED</b>
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<b>END ITEM</b>	<b>: PART/DOC. NO.</b> 3819625-100	<b>FSC</b> 1410	<b>NIIN</b> 01-399-2400	<b>NALC</b> PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC56026			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC56026			

**DESCRIPTION:**

Missile failed with a "weapons degrade" displayed. Missile was loaded on three different aircraft with the same results.

**ACTION TAKEN:**

20AUG97: NAWC Pt. Mugu requests missile be returned per current instructions to NOC Fallbrook for test and further disposition.

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15898

(Continued)

This deficiency will remain open until testing is complete.

17DEC97: NOC Fallbrook performed test and repair on missile for weapons degrade. Also installed CSC-23, T7R7 on missile and placed in Condition Code "A".

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		NOC FALLBROOK	INVESTIGATE		COMPLETE 26NOV01

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VMFA-323 MESSAGE 111019ZAUG97	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 200229ZAUG97	INTERIM RESPONSE
		NAWC PT MUGU/311200E AWARS 17DEC97	CSC-23

30-NOV-01

AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16045 CLOSED

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
	MISSILE GUIDED, INTERCEPT	3819500-120	1410	01-375-0438	PU45
	MISSILE GUIDED, INTERCEPT	3819500-130	1410	01-375-0439	PU46
	MISSILE GUIDED, INTERCEPT	3819505-120	9999	99-999-9999	
	GUIDED MISSILE, TACTICAL	3819625-100	1410	01-399-2400	PU69
	MISSILE GUIDED, INTERCEPT	3819900-100	1410	01-379-4896	PU50

EI CNTRL NO:

PROB BRIEF : AIM-120 WING LOST IN FLIGHT

PROBLEM : Wing lost in flight.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : None at this time.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VMFA(AW)-225	CODR	M09232-01-0019	29MAY01	CLOSED
	VFA-151	CODR	R09558-99-0043	02SEP99	CLOSED *
	VFA-151	CODR	R09558-99-0040	30AUG99	CLOSED *
	VFA-94	CODR	R09295-99-0009	03FEB99	CLOSED *
	VFA-94	CODR	R09295-99-0003	08JAN99	CLOSED *
	VFA-34	CODR/EIR	V09070-98-0030	05SEP98	CLOSED *
	VFA-131	CODR	R63934-98-0028	04JUN98	CLOSED *
	VFA-86	CODR	V09943-98-0006	11JAN98	CLOSED *
	VFA-147	CODR	R63925-97-0058	17OCT97	CLOSED *
	VMFA(AW)-224	CODR	M09439-95-0049	22OCT95	CLOSED *
	VFA-22	CODR	R09561-95-0067	11AUG95	CLOSED *
	VFA-137	CODR	V55142-95-0028	08MAR95	CLOSED *
	VX-4	EMR	R09830-93-0012	08MAR93	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : VMFA(AW)-225 CODR M09232-01-0019 29MAY01 CLOSED

END ITEM	PART/DOC. NO.	FSC	NIIN	NALC
	3819900-100	1410	01-379-4896	PU50
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CB52605			
	LOT: VII			
FAILED PART:	3820402-101	1420	01-332-5347	PG64
	NOMEN: WING ASSEMBLY			

30-NOV-01

AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16045

(Continued)

**DESCRIPTION:**

Bottom wing on AIM-120B, serial number CB52605, was lost in flight. No damage to missile or aircraft noted. Prior to departure ordnance safe-for-flight and pilot preflight conducted on subject missile with no discrepancies noted. Fit tests with several wings from other missiles were conducted, and the green stripe was visible, and the wings were securely locked in place.

**ACTION TAKEN:**

06JUN01: NAWC Pt. Mugu concurs with replacement of wing. Request missile be placed back in Condition Code "A".

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		NAWC PT MUGU/311200E	CLOSING ACTION		COMPLETE 06JUN01

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VMFA(AW)-225 MESSAGE 291048ZMAY01	PROBLEM REPORT
		VMFA(AW)-225 MESSAGE 291032ZMAY01	DUPLICATE HMR/TFOA REPORT
		NAWC PT MUGU/311200E MESSAGE	REPLY/CLOSING
		060029ZJUN01	

30-NOV-01

AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16210 OPEN

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	MISSILE GUIDED, INTERCEPT	3819500-130	1410	01-375-0439	PU46

EI CNTRL NO:

PROB BRIEF : AIM-120 UMBILICAL RECEPTACLE DISCREPANCY

PROBLEM : Unable to download missile due to umbilical receptacle being foddred.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return to depot.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	VFA-137	CODR	V55142-01-0037	07JUL01	OPEN
	VFA-25	CODR	R09637-96-0046	12SEP96	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : VFA-137 CODR V55142-01-0037 07JUL01 OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819500-130	1410	01-375-0439	PU46
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CA51278			
	LOT: V			
FAILED PART:	3819500-130	1410	01-375-0439	PU46
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CA51278			
	LOT: V			

DESCRIPTION:

After the missile was loaded on station 6 and during umbilical engagement, the buffer connector would not mate with the umbilical receptacle. When the missile was downloaded to investigate the problem, the umbilical receptacle was noted to be misaligned about 30 degrees and to rotate freely in the missile.

ACTION TAKEN:

13JUL01: NAWC Pt. Mugu requests that the missile be returned per current instruction in Condition Code "F" to Depot (Raytheon, UIC Q95704) for repair.

ACTION SUMMARY	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
	RAYTHEON	TEST AND REPAIR	11OCT01	OPEN

30-NOV-01

AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16210

(Continued) |

REFERENCES : IDENTIFICATION

VFA-137 MESSAGE 070203ZJUL01  
NAWC PT MUGU/311200E MESSAGE  
130129ZJUL01

REFERENCE BRIEF

PROBLEM REPORT  
INTERIM RESPONSE

30-NOV-01

AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16242 CLOSED

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUIDED MISSILE, TACTICAL	3819625-100	1410	01-399-2400	PU69
	MISSILE GUIDED, INTERCEPT	3819900-100	1410	01-379-4896	PU50

EI CNTRL NO:

PROB BRIEF : AIM-120 TRIPPED CIRCUIT BREAKER

PROBLEM : Tripped circuit breaker.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return missile to depot.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	VFA-113	CODR	R09092-98-0044	23OCT98	CLOSED
	VFA-82	CODR	V09122-97-0070	17DEC97	CLOSED
	VMFA-314	CODR/EIR	M09230-97-0023	03NOV97	CLOSED *
	VFA-146	CODR	R09063-97-0032	25OCT97	CLOSED *
	VFA-151	CODR	R09558-97-0030	12JUL97	CLOSED *
	VMFA-323	CODR	M09235-97-0016	21MAY97	CLOSED
	VFA-81	CODR	V09221-96-0064	11DEC96	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : VFA-113 CODR R09092-98-0044 23OCT98 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC07323			
FAILED PART:	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC07323			

DESCRIPTION:

Missile was loaded with no discrepancies noted. Upon aircraft shut down, ground crew discovered circuit breakers A8 and B8 popped in circuit breaker panel number two, located in door 10R. Ordnance personnel down loaded missile, buffer was inspected and found burnt. Ground crew applied external electrical power with no missile loaded and circuit breakers A8/B8 again popped. Removed and replaced LAU-116A/A. Performed release and control checks and checked 4.0. Ordnance personnel loaded another AIM-120C with no further discrepancies.

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16242 (Continued)**

**ACTION TAKEN:**

03NOV98: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for test/repair. Also request results of AIMD test and disposition of LAU-116A/A.

This deficiency will remain open until test/repair is complete.

11MAY99: Raytheon reported that the failure was not confirmed. Missile passed ten runs on the Common Field Memory Reprogramming Equipment, two All Up Round BITs, and two FAST tests. The buffer connector was replaced. Missile was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		DPRO RAYTHEON	TEST/REPAIR	COMPLETE 11MAY99

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-113 MESSAGE 231109Z OCT98	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
		030029Z NOV98	
		RAYTHEON AMRS 11MAY99	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-82</b>	<b>CODR</b>	<b>V09122-97-0070</b>	<b>17DEC97 CLOSED</b>
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		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	3819900-100	1410	01-379-4896	PU50
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CB52033			
		<b>LOT:</b> VI			
<b>FAILED PART:</b>		3819900-100	1410	01-379-4896	PU50
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CB52033			
		<b>LOT:</b> VI			

**DESCRIPTION:**

External power was applied and Stores Management System BIT and station inventory performed. Missile did not inventory and nothing was displayed on Digital Display Indicator. Troubleshooting revealed the following circuit breakers on number two circuit breaker panel were popped: A8-ARM station six, B8-ARM station six and CB-ARM station six.

**ACTION TAKEN:**

22DEC97: NAWC Pt. Mugu requests missile be held for 30 days pending problem number assignment and further disposition instructions.

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16242 (Continued)**

08JAN98: NAWC Pt. Mugu requests missile be returned per current instructions to NWS Yorktown for test and further disposition.

This deficiency will remain open until test/repair are complete.

07MAY98: Subject missile to be shipped to Raytheon for test and repair.

25NOV98: Raytheon reported that the failure was confirmed and isolated to the guidance section and the filter rectifier, which were both replaced. Secondary failures resulted in the rear data link and the buffer connector being replaced. Unit passed tests, was issued a Condition Code "A" tag and was returned to service.

This is closing action for this occurrence.

<b>ACTION SUMMARY</b>	<b>: ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
	DPRO RAYTHEON	TEST AND REPAIR	COMPLETE 25NOV98	
	WSF YORKTOWN	INVESTIGATE	COMPLETE 07MAY98	
	WSF YORKTOWN	SHIP ASSET TO RAYTHEON FOR TEST/REPAIR	COMPLETE 25NOV98	

<b>REFERENCES</b>	<b>: IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-82 MESSAGE 171834ZDEC97	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 220229ZDEC97	RECEIPT ACKNOWLEDGEMENT
	NAWC PT MUGU/311200E MESSAGE 080229ZJAN98	INTERIM REPLY
	NAWC PT MUGU/311200E EMAIL 07MAY98	SHIP ASSET TO RAYTHEON FOR REPAIR
	DPRO RAYTHEON AMRS 25NOV98	DEPOT REPAIR DATA

<b>ACTION</b>	<b>: VMFA-323</b>	<b>CODR</b>	<b>M09235-97-0016</b>	<b>21MAY97</b>	<b>CLOSED</b>	
<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>	
		3819625-100	1410	01-399-2400	PU69	
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL				
		<b>S/N:</b> CC56021				
<b>FAILED PART:</b>		3819625-100	1410	01-399-2400	PU69	
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL				
		<b>S/N:</b> CC56021				

**DESCRIPTION:**

Ground crew loaded missile on station 6. Missile would not ID and caused that station's circuit breakers to pop. Missile downloaded and release and control checks performed with no discrepancies noted. Missile was loaded on two other aircraft with same results.

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16242

(Continued)

**ACTION TAKEN:**

06JUN97: NAWC Pt. Mugu requests missile be returned to NOC Fallbrook for test and further disposition.

This deficiency will remain open until test/repair is complete.

01SEP99: Raytheon reported failure could not be confirmed. The missile was returned to Condition Code "A".

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		NOC FALLBROOK	INVESTIGATE		COMPLETE 01SEP99

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VMFA-323 MESSAGE 211017ZMAY97	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 060529ZJUN97	INTERIM RESPONSE
		RAYTHEON AMRS 01SEP99	DEPOT REPAIR DATA

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16319 CLOSED

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUIDED MISSILE, TACTICAL	3819625-100	1410	01-399-2400	PU69

EI CNTRL NO:

PROB BRIEF : AIM-120 WING HUB DAMAGE

PROBLEM : Unable to install wing.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return to depot.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	USS CONSTELLATION (CV-64)	CODR	R03364-97-0034	06AUG97	CLOSED

ACTION :	USS CONSTELLATION (CV-64)	CODR	R03364-97-0034	06AUG97	CLOSED
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	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC56095			
	LOT: VIII			
FAILED PART:	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC56095			
	LOT: VIII			

**DESCRIPTION:**

During weapons upload/download, squadron personnel could not get wing to fit properly in missile wing hub. It was determined that the threads on the missile were bad and missile was turned over to flight deck ordnance personnel.

**ACTION TAKEN:**

11AUG97: NAWC Pt. Mugu requests missile be returned per current instructions to NOC Fallbrook for further disposition.

This deficiency will remain open until test/repair is complete.

10MAY98: NOC Fallbrook reported this missile was awaiting maintenance.

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16319

(Continued)

01AUG99: Raytheon repair database indicates the control section was removed and replaced at Fallbrook.

this is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		NOC FALLBROOK	INVESTIGATE		COMPLETE 01AUG99

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		USS CONSTELLATION (CV-64) MESSAGE 060130ZAUG97	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 110429ZAUG97	INTERIM RESPONSE
		NOC FALLBROOK MIP MINUTES 10MAY98	UPDATE
		RAYTHEON AMRS 01AUG99	DEPOT REPAIR DATA

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16597 CLOSED

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	MISSILE GUIDED, INTERCEPT	3819500-130	1410	01-375-0439	PU46
	MISSILE GUIDED, INTERCEPT	3819900-100	1410	01-379-4896	PU50

EI CNTRL NO:

PROB BRIEF : AIM-120 FAILED BIT ON CFMRE

PROBLEM : Missile failed BIT (Built-In-Test) on the Common Field-level Memory  
DESCRIPTION Reprogramming Equipment.

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return missile to depot.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	WSF PORT HADLOCK	CODR	N32013-00-0001	06MAR00	CLOSED
	NAWMU-1	CODR	N52821-99-0018	31AUG99	CLOSED
ACTION :	WSF PORT HADLOCK	CODR	N32013-00-0001	06MAR00	CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819900-100	1410	01-379-4896	PU50
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CB02317, CB02861			
FAILED PART:	3819900-100	1410	01-379-4896	PU50
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CB02317, CB02861			

DESCRIPTION:

During missile reprogramming, CB02317 failed reprogramming BIT with "C040" fail code and CB02861 failed reprogramming BIT with "C000" fail code.

ACTION TAKEN:

27APR00: NAWC Pt. Mugu requests missiles be returned to Raytheon for test and repair.

19SEP00: Raytheon reported that the failure was confirmed for missile CB02317. Missile was inducted for a reprogramming BIT failure. The guidance section was removed and replaced due to pin residue. The unit was cleaned up and touched up. Missile passed all final functional tests, was issued a Condition Code "A" tag and returned to service.

31DEC00: Raytheon reported that the failure was confirmed for

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16597

(Continued)

missile CB02861. Failure was isolated to the guidance section, which was removed and replaced. Missile passed all tests, was issued a Condition Code "A" tag and was returned to service.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		RAYTHEON	TEST AND REPAIR		COMPLETE 31DEC00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		WSF PORT HADLOCK MESSAGE 061719ZMAR00	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 270329ZAPR00	INTERIM RESPONSE
		RAYTHEON AMRS 19SEP00	DEPOT REPAIR DATA FOR MSL CB02317
		RAYTHEON AMRS 31DEC00	DEPOT REPAIR DATA FOR MSL CB02861

<b>ACTION</b>	<b>:</b>	<b>NAWMU-1</b>	<b>CODR</b>	<b>N52821-99-0018</b>	<b>31AUG99</b>	<b>CLOSED</b>
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<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
		3819500-130	1410	01-375-0439	PU46
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CA51265			
<b>FAILED PART:</b>		3819500-130	1410	01-375-0439	PU46
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CA51265			

**DESCRIPTION:**

While performing missile BIT test on AN/GYQ-75(V)2 CFMRE test set. Missile was recanned and placed in Condition Code "F" awaiting disposition at NAWMU-1.

**ACTION TAKEN:**

02SEP99: NAWC Pt. Mugu requests missile be returned to Raytheon for test and repair.

11MAY00: Raytheon confirmed the failure and removed and replaced the guidance section.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		RAYTHEON	PERFORM TEST AND REPAIR		COMPLETE 11MAY00

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16597

(Continued)

REFERENCES : IDENTIFICATION

NAWMU-1 MESSAGE 310100ZAUG99  
NAWC PT MUGU/311200E MESSAGE  
020329ZSEP99  
RAYTHEON AMRS 11MAY00

REFERENCE BRIEF

PROBLEM REPORT  
INTERIM RESPONSE  
DEPOT REPAIR DATA

|  
|

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16607 OPEN |

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUIDED MISSILE, TACTICAL	3819625-100	1410	01-399-2400	PU69
	MISSILE GUIDED, INTERCEPT	3819900-100	1410	01-379-4896	PU50

EI CNTRL NO: |

PROB BRIEF : AIM-120 MISSILE FAILED BIT DURING (PRE/POST) REPREOGRAMMING |

PROBLEM : Missile failed BIT (Built-In-Test) during reprogramming to  
DESCRIPTION incorporate CSC-24 TAPE 5 REV 3 or TAPE 7 REV 15.

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return missile to depot.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	USS KITTY HAWK (CV-63)	CODR	R03363-01-0003	12FEB01	OPEN
	USS KITTY HAWK (CV-63)	CODR	R03363-01-0004	12FEB01	OPEN
	USS WASHINGTON (CVN-73)	CODR	V21412-99-0006	02DEC99	CLOSED
	MCAS IWAKUNI	CODR	M62613-99-0001	06AUG99	OPEN
	MCAS IWAKUNI	CODR	M62613-99-0002	06AUG99	CLOSED
ACTION :	USS KITTY HAWK (CV-63)	CODR	R03363-01-0003	12FEB01	OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC07031			
	LOT: IX			
FAILED PART:	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC07031			
	LOT: IX			

DESCRIPTION:  
Weapon failed preprogramming built-in-test. Failure code, A001.

ACTION TAKEN:  
12FEB01: NAWC Pt. Mugu requests that the missile be returned per current instruction in Condition Code "F" to Depot (Raytheon, UIC Q95704) for repair.

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16607

(Continued)

**ACTION :** **ACTIVITY/CODE** **ASSIGNMENT** **DUE DATE STATUS**  
**SUMMARY** RAYTHEON TEST AND REPAIR 13MAY01 OPEN

**REFERENCES :** **IDENTIFICATION** **REFERENCE BRIEF**  
USS KITTY HAWK (CV-63) MESSAGE PROBLEM REPORT  
120115ZFEB01  
NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE  
120529ZFEB01

**ACTION :** **USS KITTY HAWK** **CODR** **R03363-01-0004** **12FEB01 OPEN**  
**(CV-63)**

**END ITEM :** **PART/DOC. NO.** **FSC** **NIIN** **NALC**  
3819625-100 1410 01-399-2400 PU69  
**NOMEN:** GUIDED MISSILE, TACTICAL  
**S/N:** CC56852  
**LOT:** IX  
**FAILED PART:** 3819625-100 1410 01-399-2400 PU69  
**NOMEN:** GUIDED MISSILE, TACTICAL  
**S/N:** CC56852  
**LOT:** IX

**DESCRIPTION:**  
Weapon failed postprogramming built-in-test, 77R15. Failure code, A000.

**ACTION TAKEN:**  
12FEB01: NAWC Pt. Mugu requests that the missile be returned per current instruction in Condition Code "F" to Depot (Raytheon, UIC Q95704) for repair.

**ACTION :** **ACTIVITY/CODE** **ASSIGNMENT** **DUE DATE STATUS**  
**SUMMARY** RAYTHEON TEST AND REPAIR 13MAY01 OPEN

**REFERENCES :** **IDENTIFICATION** **REFERENCE BRIEF**  
CV-63 MESSAGE 120015ZFEB01 PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE  
120529ZFEB01

**ACTION :** **USS WASHINGTON** **CODR** **V21412-99-0006** **02DEC99 CLOSED**  
**(CVN-73)**

**END ITEM :** **PART/DOC. NO.** **FSC** **NIIN** **NALC**  
3819900-100 1410 01-379-4896 PU50  
**NOMEN:** MISSILE GUIDED, INTERCEPT  
**S/N:** CB02630, CB02348, CB02629  
**FAILED PART:** 3819900-100 1410 01-379-4896 PU50  
**NOMEN:** MISSILE GUIDED, INTERCEPT  
**S/N:** CB02630, CB02348, CB02629

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16607**

**(Continued)**

**DESCRIPTION:**

Missiles failed during reprogramming as follows: CB02348 failed during reprogramming with BIT code A0001; CB02630 failed post BIT with code C000; CB02629 failed wake-up BIT.

**ACTION TAKEN:**

03DEC99: NAWC Pt. Mugu requested missiles be returned to Raytheon for test and repair.

19SEP00: Raytheon reported that failure was confirmed for missile CB02348. Missile was inducted for BIT failure code A0001 and pin residue. It also requires a 1-21 rework. Control section requires control section recall. Incoming test confirmed several RF type BIT failures. Guidance section, control section, and wings were removed and replaced. Unit T/U and passed final inspection. Condition Code "A" tag was issued and unit was returned to service.

22SEP00: Raytheon reported that failure was confirmed for missile CB02630. Missile failed reprogramming (post BIT). Control section and guidance section were removed and replaced. Missile was touched up and passed all final functional tests. A Condition Code "A" tag was issued and unit was returned to service.

03OCT00: Raytheon reported that failure was confirmed for missile CB02629. Missile failed incoming test for reprogramming. Guidance section and rear data link were removed and replaced. Missile passed test. Missile was cleaned, touched up and issued a Condition Code "A" tag. Unit was returned to service.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		RAYTHEON	TEST AND REPAIR		COMPLETE 03OCT00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-15 MESSAGE 201442ZAPR99	PROBLEM REPORT
		USS WASHINGTON (CVN-73) MESSAGE 020908ZDEC99	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 030429ZDEC99	INTERIM RESPONSE
		NAWC PT MUGU/311200E MESSAGE 090429ZMAR00	CODR CANCELLATION REQUEST
		RAYTHEON AMRS 19SEP00	DEPOT REPAIR DATA FOR MSL CB02348
		RAYTHEON AMRS 22SEP00	DEPOT REPAIR DATA FOR MSL CB02630
		RAYTHEON AMRS 03OCT00	DEPOT REPAIR DATA FOR MSL CB02629

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16607 (Continued)

ACTION : MCAS IWAKUNI CODR M62613-99-0001 06AUG99 OPEN

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02221			
<b>FAILED PART:</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02221			

**DESCRIPTION:**

While conducting reprogramming effort to incorporate CSC-24 Tape 5 missile failed with a BIT fail code A000. Missile has been in storage since last reprogramming effort July 1995. Missile has not been captive flown.

**ACTION TAKEN:**

11AUG99: NAWC Pt. Mugu requests exhibit be held for 30 days pending disposition instructions.

24SEP99: NAWC Pt. Mugu requests missile be returned to Raytheon for test and repair.

11MAY00: Raytheon confirmed the failure and removed and replaced the guidance section.

This is closing action for this occurrence.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>	RAYTHEON	PERFORM TEST AND REPAIR		COMPLETE 11MAY00

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	MCAS IWAKUNI MESSAGE 060137ZAUG99	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 110229ZAUG99	RECEIPT ACKNOWLEDGEMENT
	NAWC PT MUGU/311200E MESSAGE 240129ZSEP99	INTERIM RESPONSE
	RAYTHEON AMRS 11MAY00	DEPOT REPAIR DATA

ACTION : MCAS IWAKUNI CODR M62613-99-0002 06AUG99 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02230			
<b>FAILED PART:</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02230			

**AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16607**

**(Continued)**

**DESCRIPTION:**

While conducting reprogramming effort to incorporate CSC-24 Tape 5, missile failed with a BIT fail code 4000 (TS). Missile has been in storage since last reprogramming effort July 1995. Missile has not been captive flown.

**ACTION TAKEN:**

11AUG99: NAWC Pt. Mugu requests exhibit be held for 30 days pending disposition intructions.

24SEP99: NAWC Pt Mugu requests that missile be returned to Raytheon for test and repair.

11MAY00: Raytheon confirmed the failure and removed and replaced the guidance section.

This is closing action for this occurrence.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		RAYTHEON	PERFORM TEST AND REPAIR	COMPLETE 11MAY00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		MCAS IWAKUNI MESSAGE 060237ZAUG99	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 110229ZAUG99	RECEIPT ACKNOWLEDGEMENT
		NAWC PT MUGU/311200E MESSAGE 240129ZSEP99	INTERIM RESPONSE
		RAYTHEON AMRS 11MAY00	DEPOT REPAIR DATA

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AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16829 CLOSED

END ITEM : NOMENCLATURE PART/DOC. NO. FSC NIIN NALC  
: WING ASSEMBLY 3820402-101 1420 01-332-5347 PG64

EI CNTRL NO:

PROB BRIEF : COMPONENTS INCORRECTLY STENCILED

PROBLEM : Missile components received incorrectly stenciled.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return missile to depot.  
ACTION

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY RAYTHEON REPAIR COMPLETE 15JUN00 |

OCCURRENCES: SOURCE TYPE DOCUMENT NO. DATE DR STATUS  
: USS JOHN STENNIS CODR R21847-00-0507 31JAN00 CLOSED |  
(CVN-74)

ACTION : USS JOHN STENNIS CODR R21847-00-0507 31JAN00 CLOSED |  
(CVN-74)

END ITEM : PART/DOC. NO. FSC NIIN NALC  
: 3820402-101 1420 01-332-5347 PG64  
NOMEN: WING ASSEMBLY  
S/N: 1013366, 1013411, 1013412  
FAILED PART: 3820402-101 1420 01-332-5347 PG64  
NOMEN: WING ASSEMBLY  
S/N: 1013366, 1013411, 1013412

DESCRIPTION:

Three sets of incorrect wings and fins found in all up round container with four AIM-120C (NALC PU69). (Wings NALC 64 found instead of NALC PT44 and Fins NALC PG61 instead of NALC PT45). The three AIM-120A/B wings were stenciled "FOR AIM-120C ONLY". Later informal correspondence with the STENNIS provided the serial numbers of the wings, 1013366, 1013411 and 1013412.

ACTION TAKEN:

09FEB00: NAWC Pt. Mugu requests wings and fins be returned for further transfer to the Depot (Raytheon) for investigation.

01OCT01: Raytheon could not confirmed the failure as item were never received.

30-NOV-01

AMRAAM ACTIVE (IN SERVICE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16829

(Continued)

This is closing action for this occurrence.

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	:	RAYTHEON	TEST AND REPAIR	COMPLETE	09FEB00

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
	:	USS JOHN STENNIS (CVN-74) MESSAGE 310157ZJAN00	PROBLEM REPORT
	:	NAWC PT MUGU/311200E MESSAGE 090029ZFEB00	INTERIM RESPONSE
	:	NAWC PT MUGU/311200E AMRS 01OCT01	DEPOT REPAIR DATA