

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

TABLE OF CONTENTS

PROBLEM NUMBER	DESCRIPTION	PAGE NUMBER
<u>INDEXES</u>		
	EQUIPMENT INDEX .....	ii
	ACTION INDEX .....	iv
	ORIGINATORS INDEX .....	vi
	DUE DATE SUMMARY .....	x
 <b>PROBLEMS</b>		
<u>15680</u> *	AIM-120 WARHEAD DAMAGE.....	1
<u>15698</u>	AIM-120 BUFFER CONNECTOR PIN BENT/BROKEN.....	3
<u>15740</u> *	AIM-120 RADOME DAMAGE.....	5
<u>15919</u> *	AIM-120 REAR DATA LINK ANTENNA COVER DAMAGED.....	14
<u>15964</u> *	AIM-120 WINGS AND FINS DAMAGED/MISSING.....	33
<u>16142</u> *	AIM-120 MISSILE BODY SURFACE DAMAGE.....	39
<u>16306</u> *	AIM-120 FIN INOPERABLE.....	50
<u>16762</u>	AIM-120 UMBILICAL RECEPTACLE DAMAGE.....	62
<u>16945</u>	CNU-415 CONTAINER MOISTURE/WATER INTRUSION.....	64

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

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15680

OPEN

	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 WARHEAD DAMAGE

PROBLEM : Warhead damaged.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : None at this time.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	USS KITTY HAWK (CV-63)	CODR	R03363-01-0011	18MAR01	OPEN

ACTION :	USS KITTY HAWK (CV-63)	CODR	R03363-01-0011	18MAR01	OPEN
----------	---------------------------	------	----------------	---------	------

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC07386			
	LOT: X			
FAILED PART:	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC07386			
	LOT: X			

DESCRIPTION:

While performing weapons breakout, quality assurance observer discovered gouge greater than .001 inch on warhead section. Weapon was canned and placed in Condition Code "J".

ACTION TAKEN:

19MAR01: NAWC Pt. Mugu requests missile be placed in Condition Code "F" and be returned per current instruction for further transfer to Depot (Raytheon, UIC Q95704) for repair.

	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
ACTION SUMMARY :	RAYTHEON	TEST AND REPAIR	17JUN01	OPEN

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15680

(Continued) |

REFERENCES :	IDENTIFICATION	REFERENCE BRIEF
	USS KITTY HAWK (CV-63) MESSAGE 180015ZMAR01	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 190629ZMAR01	INTERIM RESPONSE

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15698

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	
	MISSILE GUIDED, TRAINING	3819850-130	1410	01-369-1922	PV85
	BUFFER CONNECTOR	654478	5935	01-336-9017	

EI CNTRL NO:

PROB BRIEF : AIM-120 BUFFER CONNECTOR PIN BENT/BROKEN

PROBLEM : Pin remained in missile connector.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Replace buffer connector.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VMFA-312	CODR	M09253-01-0003	01FEB01	CLOSED
	VFA-37	CODR	V09478-99-0000	12OCT99	CANCELED*
	USS ENTERPRISE (CVN-65)	CODR	R03365-99-0025	19APR99	CLOSED *
	VFA-136	CODR	V55141-98-0023	06JUN98	CLOSED *
	VFA-192	CODR	R09076-98-0035	01JUN98	CLOSED *
	VFA-192	CODR	R09076-98-0015	02MAR98	CLOSED *
	VFA-192	CODR	R09076-98-0006	08FEB98	CLOSED *
	VFA-192	CODR	R09076-98-0007	08FEB98	CLOSED *
	VFA-137	CODR	V55142-97-0034	30AUG97	CLOSED *
	VMFA-323	CODR	M09235-97-0021	29MAY97	CLOSED *
	VMFA-323	CODR	M09235-97-0020	28MAY97	CLOSED *
	VFA-15	CODR	V09015-95-0026	27APR95	CLOSED *
	USS ROOSEVELT (CVN-71)	CODR	V21247-95-0004	25APR95	CLOSED *
	VFA-151	CODR	R09558-95-0012	06FEB95	CLOSED *
	VFA-136	CODR	V55141-94-0819	19SEP94	CLOSED *
	VFA-136	CODR	V55141-94-0810	14JUL94	CLOSED *
	VFA-25	CODR	R09637-94-0043	09JUN94	CLOSED *
	VFA-113	CODR	R09092-94-0061	24MAY94	CLOSED *
	VFA-25	CODR	R09637-94-0028	19MAY94	CLOSED *
	VFA-113	CODR	R09092-94-0052	04MAY94	CLOSED *
	VFA-113	CODR	R09092-94-0049	02MAY94	CLOSED *
	VFA-113	CODR	R09092-94-0044	21APR94	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15698 (Continued)**

SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
VFA-113	CODR	R09092-94-0026	03APR94	CLOSED *
VFA-22	CODR	R09561-93-0052	02OCT93	CLOSED *

**\* ACTION REPORTED IN PREVIOUS PUBLICATION**

<b>ACTION :</b>	<b>VMFA-312</b>	<b>CODR</b>	<b>M09253-01-0003</b>	<b>01FEB01</b>	<b>CLOSED</b>	
		<b>PART/DOC. NO.</b>		<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>		654478		5935	01-336-9017	
		<b>NOMEN:</b>	BUFFER CONNECTOR			
		<b>S/N:</b>	UNKNOWN			
<b>FAILED PART:</b>		654478		5935	01-336-9017	
		<b>NOMEN:</b>	BUFFER CONNECTOR			
		<b>S/N:</b>	UNKNOWN			

**DESCRIPTION:**

During postflight debrief, pilot reported an stores management system degrade and weapons fail on missile's station. While downloading the missile ordnance team leader noticed bent buffer pin. He inspected the buffer connector and determined pin number 2 was bent and protruding. A new buffer connector was installed on the missile, and end-to-end tests were conducted with no discrepancies noted.

**ACTION TAKEN:**

01FEB01: NAWC Pt. Mugu requests the damaged buffer 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.

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	CLOSING ACTION		COMPLETE 01FEB01

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	NAWC PT MUGU/311200E MESSAGE 010429ZFEB01	REPLY/CLOSING
	VMFA-312 MESSAGE 010801ZFEB01	PROBLEM REPORT

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15740

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
	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 RADOME DAMAGE

PROBLEM : Radome scratched during loading or downloading.  
DESCRIPTION

PREVENTIVE : Follow proper handling procedures.  
ACTION

CORRECTIVE : None at this time.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VFA-87	CODR	V63922-01-0030	13SEP01	OPEN
	VFA-115	CODR	R09604-00-0064	09DEC00	OPEN
	VFA-27	CODR	R65185-00-0044	09NOV00	OPEN
	USS KITTY HAWK (CV-63)	CODR	R03363-00-0102	17OCT00	OPEN
	NAWMU-1	CODR	N52821-99-0021	05OCT99	CLOSED
	VFA-27	CODR	R65185-99-0016	16JUN99	CLOSED
	NAWC PT MUGU	PQDR II	N63126-98-1006	04NOV98	CLOSED *
	USS LINCOLN (CVN-72)	CODR	V21297-98-0030	24OCT98	CLOSED
	USS INDEPENDENCE (CV-62)	CODR	V03362-98-0028	08MAY98	CLOSED
	VFA-136	CODR	V55141-98-0016	23APR98	CLOSED *
	VFA-27	CODR	R65185-98-0012	27FEB98	CLOSED *
	USS INDEPENDENCE (CV-62)	CODR	V03362-98-0013	21FEB98	CLOSED *
	USS INDEPENDENCE (CV-62)	CODR	V03362-98-0014	21FEB98	CLOSED *
	USS INDEPENDENCE (CV-62)	CODR	V03362-98-0011	18FEB98	CLOSED *
	VFA-86	CODR	V09943-98-0016	30JAN98	CLOSED *
	USS KENNEDY (CVN-67)	CODR	V03367-97-0007	31AUG97	CLOSED
	USS KITTY HAWK (CV-63)	CODR	R03363-97-0001	08JAN97	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15740 (Continued)**

<b>SOURCE</b>	<b>TYPE</b>	<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>DR STATUS</b>
VFA-81	CODR	V09221-96-0044	02OCT96	CLOSED *
VFA-195	CODR	R09706-95-0070	27SEP95	CLOSED *
USS INDEPENDENCE (CV-62)	CODR	V03362-95-0021	15SEP95	CLOSED *
USS CONSTELLATION (CV-64)	CODR	R03364-95-0010	06MAR95	CLOSED *
USS CONSTELLATION (CV-64)	CODR	R03364-95-0012	06MAR95	CLOSED *
USS EISENHOWER (CVN-69)	CODR	V03369-94-0002	17JUN94	CLOSED *

**\* ACTION REPORTED IN PREVIOUS PUBLICATION**

<b>ACTION :</b>	<b>VFA-87</b>	<b>CODR</b>	<b>V63922-01-0030</b>	<b>13SEP01</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> CC08293				
		<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> CC08293				
		<b>LOT:</b> XII				

**DESCRIPTION:**

A 2- inch scratch was found on the radome after turn-in to the Weapons Department.

**ACTION TAKEN:**

13SEP01: 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	12DEC01	OPEN
<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>		
	NAWC PT MUGU/311200E MESSAGE 130029ZSEP01	INTERIM RESPONSE		
	VFA-87 MESSAGE 130340ZSEP01	PROBLEM REPORT		

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15740 (Continued)

ACTION : VFA-115 CODR R09604-00-0064 09DEC00 OPEN

END ITEM : PART/DOC. NO. FSC NIIN NALC  
 3819625-101 1410 01-446-7838 PFD7  
 NOMEN: GUIDED MISSILE, TACTICAL  
 S/N: CC07754  
 LOT: XI

FAILED PART: 3819625-101 1410 01-446-7838 PFD7  
 NOMEN: GUIDED MISSILE, TACTICAL  
 S/N: CC07754  
 LOT: XI

DESCRIPTION:

Missile downloaded from aircraft. Upon weapon turn-in inspection a six inch scratch was discovered on missile radome. Defect fails weapons assembly manual inspection criteria.

ACTION TAKEN:

14DEC00: NAWC Pt. Mugu requests missile be returned per current instruction for further transfer to Depot (Raytheon, UIC Q95704) for repair.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY RAYTHEON TEST AND REPAIR 14MAR01 OPEN

REFERENCES : IDENTIFICATION REFERENCE BRIEF  
 VFA-115 MESSAGE 091355ZDEC00 PROBLEM REPORT  
 NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE  
 140829ZDEC00

ACTION : VFA-27 CODR R65185-00-0044 09NOV00 OPEN

END ITEM : PART/DOC. NO. FSC NIIN NALC  
 3819625-100 1410 01-399-2400 PU69  
 NOMEN: GUIDED MISSILE, TACTICAL  
 S/N: CC07389  
 LOT: X

FAILED PART: 3819625-100 1410 01-399-2400 PU69  
 NOMEN: GUIDED MISSILE, TACTICAL  
 S/N: CC07389  
 LOT: X

DESCRIPTION:

During acceptance inspection a 1-inch scratch was noted on radome.

ACTION TAKEN:

14NOV00: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to the Depot (Raytheon) for repair.



**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15740**

**(Continued)**

**DESCRIPTION:**

Missile has 1-inch scratch on radome. Received missile in Condition Code "K" from COMNAVMAR Ordnance Department. Upon decanning, quality assurance personnel discovered previous CODR written by USS INDEPENDENCE on serial number CB52174. Recanned and placed in Condition Code "E". Requested original disposition on subject missile.

**ACTION TAKEN:**

07OCT99: NAWC Pt. Mugu requests missile be returned to Depot (Raytheon) per current instructions.

31JUL00: Raytheon reported that the failure was confirmed. Missile had been returned for a damaged Rear Data Link. Missile passed incoming tests. Rear Data Link was removed and 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>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		RAYTHEON	TEST AND REPAIR	COMPLETE 31JUL00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		NAWMU-1 MESSAGE 050103ZOCT99	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 071129ZOCT99	INTERIM RESPONSE
		RAYTHEON AMRS 31JUL00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-27</b>	<b>CODR</b>	<b>R65185-99-0016</b>	<b>16JUN99 CLOSED</b>
---------------	----------	---------------	-------------	-----------------------	-----------------------

	<b>:</b>	<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> CC56856			
		<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> CC56856			
		<b>LOT:</b> IX			

**DESCRIPTION:**

As missile was being transported to the bomb farm behind the island structure, personnel transiting from crash and salvage work space failed to visually ensure the area was clear before opening door. As the door opened it hit the missile radome causing a scratch along the starboard side of radome and extends to the warhead 12 inches in length.

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15740**

**(Continued)**

**ACTION TAKEN:**

20JUN99: NAWC Pt. Mugu received duplicate deficiency report. |

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

This deficiency will remain open until repairs are complete.

29AUG00: Raytheon reported that the failure was confirmed. Missile inducted for control section recall. OP10 found a bent antenna cover on Rear Data Link. Control section and Rear Data Link were removed and replaced. Guidance section requires gas sample for investigation. Guidance section 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>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		DPRO RAYTHEON	REPAIR	COMPLETE 29AUG00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-27 MESSAGE 161800ZJUN99	PROBLEM REPORT
		VFA-27 MESSAGE 200500ZJUN99	DUPLICATE PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 240029ZJUN99	INTERIM RESPONSE
		RAYTHEON AMRS 29AUG00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>USS LINCOLN (CVN-72) CODR</b>	<b>V21297-98-0030</b>	<b>24OCT98 CLOSED</b>
---------------	----------	----------------------------------	-----------------------	-----------------------

		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	3817625-100	1410	01-399-2400	PU69
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
		<b>S/N:</b> CC07320			
<b>FAILED PART:</b>		3817625-100	1410	01-399-2400	PU69
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
		<b>S/N:</b> CC07320			

**DESCRIPTION:**

During weapons inspection, weapons department personnel discovered an eight and one half inch scratch on radome.

**ACTION TAKEN:**

27OCT98: NAWC Pt. Mugu reports this deficiency has been entered for tracking. |

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

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15740

(Continued)

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

01JUL99: Raytheon reports the missile has been repaired and returned to the Navy.

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 01JUL99

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	USS LINCOLN (CVN-72) MESSAGE	PROBLEM REPORT
	240504ZOCT98	
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	270129ZOCT98	
	DPRO RAYTHEON E-MAIL/MONTHLY RPT	UPDATE
	01JUN99	
	DPRO RAYTHEON E-MAIL/MONTHLY RPT	CLOSING
	01JUL99	

<b>ACTION :</b>	<b>USS INDEPENDENCE</b>	<b>CODR</b>	<b>V03362-98-0028</b>	<b>08MAY98</b>	<b>CLOSED</b>	
	(CV-62)					

	<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> CB02765			
	<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> CB02765			
	<b>LOT:</b> VII			

**DESCRIPTION:**  
While inspecting missile in the flight deck weapons staging area, discovered loose tip on radome.

**ACTION TAKEN:**  
12MAY98: 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.

22JUN00: Raytheon reported that the failure was confirmed and isolated to the rear data link, which was removed and replaced. The guidance section was also replaced for pin residue rework. Unit passed all tests and a Condition Code "A" tag was issued. The unit was returned to service.

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15740

(Continued)

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	22JUN00

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	USS INDEPENDENCE (CV-62) MESSAGE	PROBLEM REPORT
	080510ZMAY98	
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	120329ZMAY98	
	RAYTHEON AMRS 22JUN00	DEPOT REPAIR DATA

<b>ACTION :</b>	<b>USS KENNEDY (CVN-67) CODR</b>	<b>V03367-97-0007</b>	<b>31AUG97</b>	<b>CLOSED</b>	
-----------------	----------------------------------	-----------------------	----------------	---------------	--

	<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> CB52603			
	<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> CB52603			
	<b>LOT:</b> VII			

**DESCRIPTION:**

During ordnance movement on the flight deck (bomb farm) at night, team member and team leader were pulling a skid of four AIM-120B missiles around a corner in to bomb farm when the lower missile lightly scraped the edge of an AERO-12C skid resulting in a two and one half inch scratch on the radome of the missile.

**ACTION TAKEN:**

04SEP97: NAWC Pt. Mugu requests missile be returned per current instructions to NWS Yorktown for repair. |

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

14JAN99: Raytheon reported that the failure was confirmed. The guidance section was removed and replaced. A secondary failure resulted in the rear data link being replaced due to damage. 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>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

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15740

(Continued)

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	:	NWS YORKTOWN	REPAIR		COMPLETE 15DEC98

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
	:	USS KENNEDY (CVN-67) MESSAGE 311009ZAUG97	PROBLEM REPORT
	:	NAWC PT MUGU/311200E MESSAGE 040129ZSEP97	INTERIM RESPONSE
	:	DPRO RAYTHEON MIP MINUTES 15DEC98 RAYTHEON AMRS 14JAN99	UPDATE DEPOT REPAIR DATA

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919

OPEN

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
:	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
	CONTROL SECTION	3819776-120	1420	01-364-8452	PG62
	MISSILE GUIDED, INTERCEPT	3819900-100	1410	01-379-4896	PU50

EI CNTRL NO: 00-0001

PROB BRIEF : AIM-120 REAR DATA LINK ANTENNA COVER DAMAGED

PROBLEM : Punctured data link antenna cover.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return to depot.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VMFA-323	CODR	M09235-01-0027	19JUL01	OPEN
	VMFA-323	CODR	M09235-01-0010A	20JUN01	OPEN
	USS KITTY HAWK (CV-63)	CODR	R03363-01-0017	02MAY01	OPEN
	USS HARRY S. TRUMAN (CVN-75)	CODR	V21853-01-0012	27FEB01	OPEN
	USS LINCOLN (CVN-72)	CODR	R21297-00-0834	17DEC00	OPEN
	USS LINCOLN (CVN-72)	CODR	R21297-00-0835	17DEC00	OPEN
	USS LINCOLN (CVN-72)	CODR	R21297-00-0832	12DEC00	OPEN
	USS LINCOLN (CVN-72)	CODR	R21297-00-0820	18NOV00	OPEN
	VFA-25	CODR	R09637-00-0038	05NOV00	OPEN
	VFA-146	CODR	R09063-00-0003	26JAN00	CLOSED
	VFA-146	CODR	R09063-00-0004	26JAN00	CLOSED
	NAWC PT MUGU	PQDR II	N63126-99-4000	16NOV99	CLOSED *
	NAWC PT MUGU	PQDR II	N63126-99-4001	16NOV99	OPEN *
	NAWC PT MUGU	PQDR II	N63126-99-4002	16NOV99	CLOSED *
	NAWC PT MUGU	PQDR II	N63126-99-4003	16NOV99	CLOSED *
	NAWC PT MUGU	PQDR II	N63126-99-4004	16NOV99	OPEN *
	USS ROOSEVELT (CVN-71)	CODR	V21247-99-0021	13OCT99	CLOSED
	NAWMU-1	CODR	N52821-99-0020	04OCT99	CLOSED
	NAWMU-1	CODR	N52821-99-0014	02AUG99	CLOSED
	NAWMU-1	CODR	N52821-99-0015	02AUG99	CLOSED
	VFA-195	CODR	R09706-99-0042	03JUL99	CLOSED
	USS KITTY HAWK (CV-63)	CODR	R03363-99-0018	25JUN99	CLOSED

\* ACTION REPORTED IN PREVIOUS PUBLICATION

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15919**

**(Continued)**

<b>SOURCE</b>	<b>TYPE</b>	<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>DR STATUS</b>
USS KITTY HAWK (CV-63)	CODR	R03363-99-0015	18MAY99	CLOSED
USS JOHN STENNIS (CVN-74)	CODR	R21847-98-0029	05AUG98	CLOSED *
USS JOHN STENNIS (CVN-74)	CODR	R21847-98-0030	05AUG98	CLOSED *
USS JOHN STENNIS (CVN-74)	CODR	R21847-98-0031	05AUG98	CLOSED *
USS JOHN STENNIS (CVN-74)	CODR	R21847-98-0032	05AUG98	CLOSED *
USS LINCOLN (CVN-72)	CODR	V21297-98-0006	09JUL98	CLOSED
USS INDEPENDENCE (CV-62)	CODR	V03362-98-0027	30APR98	CLOSED
USS JOHN STENNIS (CVN-74)	CODR	R21847-98-0007	01APR98	CLOSED *
USS JOHN STENNIS (CVN-74)	CODR	R21847-98-0008	01APR98	CLOSED *
USS INDEPENDENCE (CV-62)	CODR	V03362-98-0021	04MAR98	CLOSED *
USS INDEPENDENCE (CV-62)	CODR	V03362-98-0019	26FEB98	CLOSED *
USS INDEPENDENCE (CV-62)	CODR	V03362-98-0002	01FEB98	CLOSED *
USS CONSTELLATION (CV-64)	CODR	R03364-97-0036	03SEP97	CLOSED
USS CONSTELLATION (CV-64)	CODR	R03364-97-0024	04JUN97	CLOSED *
USS ROOSEVELT (CVN-71)	CODR	V21247-97-0002	07FEB97	CLOSED *
USS ENTERPRISE (CVN-65)	CODR	R03365-96-0009	23SEP96	CLOSED *
USS ENTERPRISE (CVN-65)	CODR	R03365-96-0007	09SEP96	CLOSED *
USS WASHINGTON (CVN-73)	CODR	V21412-96-0021	15MAY96	CLOSED *
USS WASHINGTON (CVN-73)	CODR	V21412-96-0016	01APR96	CLOSED *
USS INDEPENDENCE (CV-62)	CODR	V03362-95-0026	08OCT95	CLOSED *
USS CONSTELLATION (CV-64)	CODR	R03364-95-0009	06MAR95	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919 (Continued)

ACTION : VMFA-323 CODR M09235-01-0027 19JUL01 OPEN

	<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> CA01507			
	<b>LOT:</b> V			
<b>FAILED PART:</b>	3819500-130	1410	01-375-0439	PU46
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CA01507			
	<b>LOT:</b> V			

**DESCRIPTION:**

During turn-in inspection of weapon a small puncture of one inch diameter was discovered in white plastic on rear data antenna. The missile had been checked out on the skid 20 minutes prior without being loaded. Suspect puncture might have occurred during handling from sharp pointed object or sharp corner of gear in close proximity to skid.

**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.

<b>ACTION SUMMARY :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
	RAYTHEON	TEST AND REPAIR	23OCT01	OPEN

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VMFA-323 MESSAGE 191102ZJUL01	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	250129ZJUL01	

ACTION : VMFA-323 CODR M09235-01-0010A 20JUN01 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> CB02863			
	<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> CB02863			
	<b>LOT:</b> VII			

**DESCRIPTION:**

During turn-in inspection of weapon a small puncture of one inch diameter was discovered in white plastic on rear data antenna. The

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15919 (Continued)**

missile had been downloaded for end-of-mission one event prior to turn in. Suspect puncture might have occurred during handling from sharp pointed object or sharp corner of gear in close proximity to skid.

**ACTION TAKEN:**

25JUN01: NAWC Pt. Mugu requests that the missile be returned per current instruction in Condition Code "F" to Depot (Raytheon, UIC Q95704) for repair.

<b>ACTION</b>	:	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		RAYTHEON	TEST AND REPAIR	23SEP01 OPEN

<b>REFERENCES</b>	:	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VMFA-323 MESSAGE 201600ZJUN01	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
		250229ZJUN01	

<b>ACTION</b>	:	<b>USS KITTY HAWK</b>	<b>CODR</b>	<b>R03363-01-0017</b>	<b>02MAY01 OPEN</b>
		(CV-63)			

		<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> CC56028			
		<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> CC56028			
		<b>LOT:</b> VIII			

**DESCRIPTION:**

While performing missile inspection in the bomb farm, watch discovered a 1- inch long puncture in the read data link antenna. Missile placed in Condition Code "J".

**ACTION TAKEN:**

03MAY01: NAWC Pt. Mugu requests that the missile be returned per current instruction in Condition Code "F" to Depot (Raytheon, UIC Q95704) for repair.

<b>ACTION</b>	:	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		RAYTHEON	TEST AND REPAIR	01AUG01 OPEN

<b>REFERENCES</b>	:	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		USS KITTY HAWK (CV-63) MESSAGE	PROBLEM REPORT
		020115ZMAY01	
		NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
		030229ZMAY01	

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919

(Continued)

ACTION : USS HARRY S. TRUMAN CODR V21853-01-0012 27FEB01 OPEN |  
(CVN-75)

	<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> CC57345			
	<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> CC57345			
	<b>LOT:</b> X			

**DESCRIPTION:**

Upon conclusion of flight operations, while conducting receipt inspection, G-3 Division personnel discovered rear data link antenna radome cracked and dented.

**ACTION TAKEN:**

05MAR01: NAWC Pt. Mugu requests 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	03JUN01	OPEN

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	USS HARRY S. TRUMAN (CVN-75) MESSAGE	PROBLEM REPORT
	271547ZFEB01	
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	051329ZMAR01	

ACTION : USS LINCOLN (CVN-72) CODR R21297-00-0834 17DEC00 OPEN |

	<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> CA51344			
	<b>LOT:</b> V			
<b>FAILED PART:</b>	3819500-130	1410	01-375-0439	PU46
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CA51344			
	<b>LOT:</b> V			

**DESCRIPTION:**

While de-canning AIM-120 for AMRAAM surveillance asset inspection, crewmembers discovered damaged rear data link cover. Deformation of data link exceeds limits of NAVAIR 01-AIM120-2.

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919

(Continued)

**ACTION TAKEN:**

20DEC00: NAWC Pt. Mugu requests 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	20MAR01	OPEN

<b>REFERENCES</b>	<b>: IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	USS LINCOLN (CVN-72) MESSAGE 171251ZDEC00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 201029ZDEC00	INTERIM RESPONSE

<b>ACTION</b>	<b>: USS LINCOLN (CVN-72) CODR</b>	<b>R21297-00-0835</b>	<b>17DEC00</b>	<b>OPEN</b>
---------------	------------------------------------	-----------------------	----------------	-------------

	<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> CC56024, CC56078			
	<b>LOT:</b> VIII, VIII			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC56024, CC56078			
	<b>LOT:</b> VIII, VIII			

**DESCRIPTION:**

While de-canning AIM-120C missiles for AMRAAM surveillance asset inspection, crewmembers discovered two damaged rear data link covers in two separate containers that clearly met rejection criteria. Each container was sealed and inspected by CV-64-5 quality assurance representative on 24 Nov 99. Each rear data link had one hole measuring from 3/4 to 7/8 inch in size that exposes internal metal parts.

**ACTION TAKEN:**

20DEC00: NAWC Pt. Mugu requests missiles 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	20MAR01	OPEN

<b>REFERENCES</b>	<b>: IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	USS LINCOLN (CVN-72) MESSAGE 171252ZDEC00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 201129ZDEC00	INTERIM RESPONSE

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919

(Continued)

ACTION : USS LINCOLN (CVN-72) CODR R21297-00-0832 12DEC00 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> CC07756			
	<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> CC07756			
	<b>LOT:</b> XI			

**DESCRIPTION:**

Discovered deformed rear data link while performing weapons acceptance inspection. |

**ACTION TAKEN:**

14DEC00: NAWC Pt. Mugu requests 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	14MAR01	OPEN

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	USS LINCOLN (CVN-72) MESSAGE 121403ZDEC00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 140929ZDEC00	INTERIM RESPONSE

ACTION : USS LINCOLN (CVN-72) CODR R21297-00-0820 18NOV00 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> CC07677			
	<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> CC07677			
	<b>LOT:</b> XI			

**DESCRIPTION:**

18NOV00: During receipt inspection it was discovered that the rear data link was damaged/deformed. |

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919

(Continued)

**ACTION TAKEN:**

22NOV00: NAWC Pt. Mugu requests missile be returned per current instruction for further transfer to the Depot (Raytheon) for repair.

<b>ACTION SUMMARY</b>	<b>: ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
	RAYTHEON	TEST AND REPAIR	20FEB01	OPEN

<b>REFERENCES</b>	<b>: IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	USS LINCOLN (CVN-72) MESSAGE 180025ZNOV00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 220029ZNOV00	INTERIM RESPONSE

<b>ACTION</b>	<b>: VFA-25</b>	<b>CODR</b>	<b>R09637-00-0038</b>	<b>05NOV00</b>	<b>OPEN</b>
---------------	-----------------	-------------	-----------------------	----------------	-------------

	<b>END ITEM</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> CC07856			
		<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> CC07856			
		<b>LOT:</b> XI			

**DESCRIPTION:**

During weapons inspection a small pin-size hole was noted under the data link antenna.

**ACTION TAKEN:**

07NOV00: NAWC Pt. Mugu requests missile be returned per current instructions 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	05FEB01	OPEN

<b>REFERENCES</b>	<b>: IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-25 MESSAGE 051210ZNOV00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 070529ZNOV00	INTERIM RESPONSE

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919 (Continued)

ACTION : VFA-146 CODR R09063-00-0003 26JAN00 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> CC06841			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC06841			

**DESCRIPTION:**

Missile uploaded on station six of BUNO 163777; aircraft not flown. After 24 hours missile downloaded and returned to flight deck ordnance; inspection revealed damaged antenna cap.

**ACTION TAKEN:**

01FEB00: NAWC Pt. Mugu requests missile be returned per current instructions for test/repair.

03AUG00: Raytheon confirmed the failure and removed and replaced the rear data link antenna.

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/REPAIR	COMPLETE	03AUG00

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-146 MESSAGE 261600ZJAN00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	010129ZFEB00	
	RAYTHEON AMRS 03AUG00	DEPOT REPAIR DATA

ACTION : VFA-146 CODR R09063-00-0004 26JAN00 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> CC06840			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC06840			

**DESCRIPTION:**

Missile uploaded on station six of BUNO 163776; aircraft not flown. After 24 hours missile downloaded and returned to flight deck ordnance; inspection revealed damaged antenna cap.

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15919**

**(Continued)**

**ACTION TAKEN:**

01FEB00: NAWC Pt. Mugu requests missile be returned per current instructions for test/repair.

03AUG00: Raytheon confirmed the failure and removed and replaced the rear data link antenna.

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/REPAIR	COMPLETE 03AUG00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-146 MESSAGE 261700ZJAN00	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 010129ZFEB00	INTERIM RESPONSE
		RAYTHEON AMRS 03AUG00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>USS ROOSEVELT (CVN-71)</b>	<b>CODR</b>	<b>V21247-99-0021</b>	<b>13OCT99 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> CB52032			
<b>FAILED PART:</b>		3819900-100	1410	01-379-4896	PU50
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CB52032			

**DESCRIPTION:**

During post-deployment missile presentencing inspection, discovered dent in rear data link. Inspection team informed G-3 missile was a down asset.

**ACTION TAKEN:**

19OCT99: NAWC Pt. Mugu requests missile be returned to Raytheon for test and repair.

23AUG00: Raytheon reported that the failure was confirmed and the rear data link was removed and replaced. The TIVS was replaced due to a cracked boss cap. Unit 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>		RAYTHEON	PERFORM TEST/REPAIR	COMPLETE 23AUG00

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919

(Continued)

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	USS ROOSEVELT (CVN-71) MESSAGE	PROBLEM REPORT
	131335ZOCT99	
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	190329ZOCT99	
	RAYTHEON AMRS 23AUG00	DEPOT REPAIR DATA

**ACTION :** NAWMU-1                      CODR              N52821-99-0020              04OCT99 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> CA01591			
<b>FAILED PART:</b>	3819500-130	1410	01-375-0439	PU46
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CA01591			

**DESCRIPTION:**

Missile has 1/8 inch puncture on rear data link. Received missile in Condition Code "K" from COMNAVMAR Ordnance Department. Upon decanning, quality assurance personnel discovered previous CODR written by USS Independence on serial number CA01591. Recanned placed in Condition Code "E". Request original disposition on subject missile.

**ACTION TAKEN:**

07OCT99: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer Depot (Raytheon) for repair.

31JUL00: Raytheon reported that missile was returned for a damaged Rear Data Link. Rear Data Link was removed and replaced. Unit passed all tests and inspection, 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 AND REPAIR	COMPLETE 31JUL00

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	NAWMU-1 MESSAGE 040102ZOCT99	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	071129ZOCT99	
	RAYTHEON AMRS 31JUL00	DEPOT REPAIR DATA

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919 (Continued)

ACTION : NAWMU-1 CODR N52821-99-0014 02AUG99 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> CB02765			
<b>FAILED PART:</b>	3819900-100	1410	01-379-4896	PU50
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CB02765			

**DESCRIPTION:**

While performing missile inspection, Quality Assurance personnel discovered rear data link pushed in. In addition, two sets of wings and seven fins were missing from the container, S/N SVH154. Missile was recanned and placed in Condition Code "E" awaiting disposition at NAWMU-1. |

**ACTION TAKEN:**

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

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

22JUN00: Raytheon reported that the failure was confirmed and isolated to the rear data link, which was removed and replaced. The guidance section was replaced for pin residue rework and passed all tests. The control section was replaced due to the original being squibbed at RSL. The control section passed all tests. The guidance and control sections were placed in Condition Code "A" 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 REPAIR	COMPLETE 22JUN00

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	NAWMU-1 MESSAGE 020100ZAUG99	PROBLEM REPORT
	NAWC PT MUGU/311000E MESSAGE 130829ZAUG99	INTERIM RESPONSE
	NAWC PT MUGU/311000E MESSAGE 220529ZSEP99	FOLLOW-UP RESPONSE
	RAYTHEON AMRS 22JUN00	DEPOT REPAIR DATA

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919 (Continued)

ACTION : NAWMU-1 CODR N52821-99-0015 02AUG99 CLOSED

END ITEM : PART/DOC. NO. FSC NIIN NALC  
3819900-100 1410 01-379-4896 PU50  
NOMEN: MISSILE GUIDED, INTERCEPT  
S/N: CB52251  
FAILED PART: 3819900-100 1410 01-379-4896 PU50  
NOMEN: MISSILE GUIDED, INTERCEPT  
S/N: CB52251

DESCRIPTION:

While performing missile inspection, Quality Assurance personnel discovered rear data link receiver edge crushed in. Missile was recanned and placed in Condition Code "E" awaiting disposition at NAWMU-1.

ACTION TAKEN:

13AUG99: NAWC Pt. Mugu acknowledges receipt of original CODR.  
22SEP99: NAWC Pt. Mugu requests missile be returned to Raytheon for repair.  
31JUL00: Raytheon reported that the failure was confirmed. Missile had been returned for a damaged Rear Data Link. Rear Data Link was removed and 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.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY RAYTHEON PERFORM REPAIR COMPLETE 31JUL00

REFERENCES : IDENTIFICATION REFERENCE BRIEF  
NAWMU-1 MESSAGE 020101ZAUG99 PROBLEM REPORT  
NAWC PT MUGU/311000E MESSAGE INTERIM RESPONSE  
130829ZAUG99  
NAWC PT MUGU/311000E MESSAGE FOLLOW-UP RESPONSE  
220529ZSEP99  
RAYTHEON AMRS 31JUL00 DEPOT REPAIR DATA

ACTION : VFA-195 CODR R09706-99-0042 03JUL99 CLOSED

END ITEM : PART/DOC. NO. FSC NIIN NALC  
3819625-100 1410 01-399-2400 PU69  
NOMEN: GUIDED MISSILE, TACTICAL  
S/N: CC07437  
FAILED PART: 3819625-100 1410 01-399-2400 PU69  
NOMEN: GUIDED MISSILE, TACTICAL  
S/N: CC07437

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15919**

**(Continued)**

**DESCRIPTION:**

While ground crew was returning a skid of AIM-120s to the bomb farm, ordnance personnel stopped skid suddenly. Another crew member pushing an AERO-9C was unable to stop, striking aft end of AIM-120 and damaging antenna.

**ACTION TAKEN:**

07JUL99: NAWC Pt. Mugu acknowledges receipt of original CODR.

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

11JUL00: Raytheon reported that the failure was confirmed. Missile had been returned for a damaged Rear Data Link. The filter rectifier was removed and replaced and inducted for x-ray. The Rear Data Link was also removed and replaced, along with two fins that were found damaged. Missile passed all tests and inspection, 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>		RAYTHEON	PERFORM REPAIR	COMPLETE 11JUL00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-195 MESSAGE 030900ZJUL99	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 071329ZJUL99	INTERIM RESPONSE
		NAWC PT MUGU/311200E MESSAGE 220629ZSEP99	FOLLOW-UP RESPONSE
		RAYTHEON AMRS 11JUL00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>USS KITTY HAWK</b>	<b>CODR</b>	<b>R03363-99-0018</b>	<b>25JUN99 CLOSED</b>
		<b>(CV-63)</b>			

	<b>:</b>	<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: GUIDED MISSILE, TACTICAL</b>			
		<b>S/N: CC07433</b>			
		<b>LOT: X</b>			
<b>FAILED PART:</b>		3819625-100	1410	01-399-2400	PU69
		<b>NOMEN: GUIDED MISSILE, TACTICAL</b>			
		<b>S/N: CC07433</b>			
		<b>LOT: X</b>			

**DESCRIPTION:**

During weapons inspection/cleaning, the weapons staging area watch discovered the rear data link radome punctured.

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15919**

**(Continued)**

**ACTION TAKEN:**

28JUN99: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for repair.

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

28JUL00: Raytheon reported that the failure was confirmed. Missile had been returned for a damaged Rear Data Link. The Filter Rectifier required x-ray. Both the Rear Data Link and Filter Rectifier were removed and replaced. Guidance section was removed and replaced twice for internal failure and FAST fail for "XMTR Disable". 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>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		DPRO RAYTHEON	REPAIR	COMPLETE 28JUL00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		USS KITTY HAWK (CV-63) MESSAGE 250515ZJUN99	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 280429ZJUN99	INTERIM RESPONSE
		RAYTHEON AMRS 28JUL00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>USS KITTY HAWK (CV-63)</b>	<b>CODR</b>	<b>R03363-99-0015</b>	<b>18MAY99 CLOSED</b>
---------------	----------	-----------------------------------	-------------	-----------------------	-----------------------

<b>END ITEM</b>	<b>:</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> CC07392			
<b>FAILED PART:</b>		3819625-100	1410	01-399-2400	PU69
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
		<b>S/N:</b> CC07392			

**DESCRIPTION:**

During weapons inspection/cleaning the bomb farm watch discovered the rear data link plastic radome split.

**ACTION TAKEN:**

20MAY99: 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.

23AUG00: Raytheon reported that the failure was confirmed. Upon

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919

(Continued)

arrival, missile required filter rectifier x-ray, which was replaced. Rear Data Link was damaged at OP10. Rear Data Link was removed and 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>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		DPRO RAYTHEON	REPAIR	COMPLETE	23AUG00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		USS KITTY HAWK (CV-63) MESSAGE 181515ZMAY99	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 200329ZMAY99	INTERIM RESPONSE
		RAYTHEON AMRS 23AUG00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>USS LINCOLN (CVN-72) CODR</b>	<b>V21297-98-0006</b>	<b>09JUL98</b>	<b>CLOSED</b>	
---------------	----------	----------------------------------	-----------------------	----------------	---------------	--

		<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> CB52277			
<b>FAILED PART:</b>		3819900-100	1410	01-379-4896	PU50
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CB52277			

**DESCRIPTION:**

During inspection of AIM-120, weapons department personnel discovered a split in the plastic cover of the aft data link antenna.

**ACTION TAKEN:**

26SEP98: CVN-72 sent response request. |

30SEP98: NAWC Pt. Mugu requests missile be returned per current instructions to depot for repair.

This deficiency will remain open until repair is complete.

24MAY99: Raytheon reported that the failure was confirmed. Missile had been returned for a damaged Rear Data Link. Rear Data Link 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	REPAIR	COMPLETE	24MAY99

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919 (Continued)

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	USS LINCOLN (CVN-72) MESSAGE 091444ZJUL98	PROBLEM REPORT
	USS LINCOLN (CVN-72) MESSAGE 261220ZSEP98	RESPONSE REQUEST
	NAWC PT MUGU/311200E MESSAGE 300429ZSEP98	INTERIM RESPONSE
	RAYTHEON AMRS 24MAY99	DEPOT REPAIR DATA

**ACTION :** USS INDEPENDENCE CODR V03362-98-0027 30APR98 CLOSED  
(CV-62)

	<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> CA01591			
	<b>LOT:</b> V			
<b>FAILED PART:</b>	3819500-130	1410	01-375-0439	PU46
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CA01591			
	<b>LOT:</b> V			

**DESCRIPTION:**

While inspecting missile in the flight deck weapons staging area, a small puncture was discovered in the white plastic cap at the rear of the data link antenna.

**ACTION TAKEN:**

05MAY98: 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.

31JUL00: Raytheon reported that missile was returned for a damaged Rear Data Link. Rear Data Link was removed and replaced. Unit passed all tests and inspection, 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	REPAIR	COMPLETE 31JUL00

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	USS INDEPENDENCE (CV-62) MESSAGE 300508ZAPR98	PROBLEM REPORT

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919

(Continued)

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>		<b>REFERENCE BRIEF</b>	
	NAWC PT MUGU/311200E MESSAGE		INTERIM RESPONSE	
	050029ZMAY98			
	RAYTHEON AMRS 31JUL00		DEPOT REPAIR DATA	
<b>ACTION :</b>	<b>USS CONSTELLATION</b>	<b>CDR</b>	<b>R03364-97-0036</b>	<b>03SEP97 CLOSED</b>
	(CV-64)			

	<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> CA51342			
	<b>LOT:</b> V			
<b>FAILED PART:</b>	3819500-130	1410	01-375-0439	PU46
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CA51342			
	<b>LOT:</b> V			

**DESCRIPTION:**

Weapons handling personnel tore data link antenna cover while moving missile from second deck transfer area to the flight deck. Conducted on the spot training of weapons movement with all personnel involved.

**ACTION TAKEN:**

11SEP97: 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.

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

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

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

01AUG99: Raytheon reports the missile is still backlogged for repair.

25OCT99: Raytheon reported that the failure was confirmed. Incoming inspection identified a bad Rear Data Link and a missing buffer. The missile passed incoming All Up Round BIT. The Rear Data Link and buffer were replaced and missile passed all tests and inspections. Unit was issued a Condition Code "A" tag and returned to service.

This is closing action for this occurrence.

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15919

(Continued)

ACTION	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
<b>SUMMARY</b>	DPRO RAYTHEON	REPAIR		COMPLETE 25OCT99
	NOC FALLBROOK	DISPOSITION/REPAIR		COMPLETE 07MAY98
	NOC FALLBROOK	SHIP ASSET TO RAYTHEON		COMPLETE 07MAY98

REFERENCES	IDENTIFICATION	REFERENCE BRIEF
	USS CONSTELLATION (CV-64) MESSAGE 030909ZSEP97	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 110029ZSEP97	INTERIM RESPONSE
	FMSO MECHANICSBURG E-MAIL 07MAY98	SHIP TO RAYTHEON/TUCSON FOR REPAIR
	DPRO RAYTHEON E-MAIL/MONTHLY RPT 01JUN99	UPDATE
	DPRO RAYTHEON E-MAIL/MONTHLY RPT 01JUL99	UPDATE
	DPRO RAYTHEON E-MAIL/MONTHLY RPT 01AUG99	UPDATE
	RAYTHEON AMRS 25OCT99	DEPOT REPAIR DATA

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15964

OPEN

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
:	WING/FIN SET	120A/B WING/FIN SET	1420	01-385-4126	BWBK
	MISSILE GUIDED, INTERCEPT	3819500-104	1410	01-320-7531	
	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
	MISSILE GUIDED, INTERCEPT	3819900-100	1410	01-379-4896	PU50
	WING ASSEMBLY	3820402-101	1420	01-332-5347	PG64
	FIN ASSEMBLY	3820431-101	1420	01-364-8445	PG61
	FIN	G601895	1420	01-397-0140	PT45
	WING ASSEMBLY	G601897	1420	01-396-0339	PT44

EI CNTRL NO:

PROB BRIEF : AIM-120 WINGS AND FINS DAMAGED/MISSING

PROBLEM : Damaged/missing wings and fins.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : None at this time.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VFA-37	CODR	V09478-01-0002	11JAN01	OPEN
	VFA-25	CODR	R09637-00-0043	26DEC00	OPEN
	VFA-115	CODR	R09604-00-0069	18DEC00	OPEN
	USS LINCOLN (CVN-72)	CODR	R21297-00-0835A	17DEC00	OPEN
	USS LINCOLN (CVN-72)	CODR	R21297-00-0818	30OCT00	OPEN
	USS EISENHOWER (CVN-69)	CODR	V03369-99-0006	12AUG99	CLOSED *
	VFA-27	CODR	R65185-99-0019	13JUL99	CLOSED
	VFA-25	CODR	R09637-98-0051	20AUG98	CLOSED *
	USS LINCOLN (CVN-72)	CODR	V21297-98-0013	03AUG98	CLOSED *
	USS LINCOLN (CVN-72)	CODR	V21297-98-0007	19JUL98	CLOSED *
	USS LINCOLN (CVN-72)	CODR	V21297-98-0005	01JUL98	CLOSED *
	USS VINSON (CVN-70)	CODR	R20993-96-0001	19MAR96	CLOSED *
	USS INDEPENDENCE (CV-62)	CODR	V03362-95-0018	14SEP95	CLOSED *
	VFA-22	CODR	R09561-95-0044	26JUN95	CLOSED *
	VFA-22	CODR	R09561-95-0033	09JUN95	CLOSED *
	USS LINCOLN (CVN-72)	CODR	V21297-95-0011	28MAY95	CLOSED *
	VMFA-323	CODR	M09235-95-0009	25FEB95	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15964 (Continued)**

<b>SOURCE</b>	<b>TYPE</b>	<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>DR STATUS</b>
VFA-151	CODR	R09558-95-0016	11FEB95	CLOSED *
VFA-137	CODR	V55142-95-0008	06FEB95	CLOSED *
VFA-195	CODR	R09706-94-0011	12FEB94	CLOSED *
USS INDEPENDENCE (CV-62)	CODR	V03362-94-0001	25JAN94	CLOSED *

**\* ACTION REPORTED IN PREVIOUS PUBLICATION**

<b>ACTION :</b>	<b>VFA-37</b>	<b>CODR</b>	<b>V09478-01-0002</b>	<b>11JAN01</b>	<b>OPEN</b>
	<b>END ITEM :</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
		G601897	1420	01-396-0339	PT44
		<b>NOMEN:</b> WING ASSEMBLY			
		<b>S/N:</b> NONE			
	<b>FAILED PART:</b>	G601897	1420	01-396-0339	PT44
		<b>NOMEN:</b> WING ASSEMBLY			
		<b>S/N:</b> NONE			

**DESCRIPTION:**

While performing weapons inspection of wings and fins, ordnance team member discovered two dents on leading edge of wing.

**ACTION TAKEN:**

17JAN01: NAWC Pt. Mugu requests wing be returned per current instruction for further transfer to Depot (Raytheon, UIC Q95704) for repair. If possible, please incorporate the damaged wing, copies of original CODR message and this message with an existing AMRAAM container already marked for return.

<b>ACTION SUMMARY :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
	RAYTHEON	TEST AND REPAIR	17APR01	OPEN

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-37 MESSAGE 111556ZJAN01	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 170529ZJAN01	INTERIM RESPONSE

<b>ACTION :</b>	<b>VFA-25</b>	<b>CODR</b>	<b>R09637-00-0043</b>	<b>26DEC00</b>	<b>OPEN</b>
	<b>END ITEM :</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
		G601897	1420	01-396-0339	PT44
		<b>NOMEN:</b> WING ASSEMBLY			
		<b>S/N:</b> NA			
		<b>LOT:</b> NA			
	<b>FAILED PART:</b>	G601897	1420	01-396-0339	PT44
		<b>NOMEN:</b> WING ASSEMBLY			
		<b>S/N:</b> NA			
		<b>LOT:</b> NA			

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 15964**

**(Continued)**

**DESCRIPTION:**

While performing weapons inspection ordnance crew member noticed small nick on the upper trailing edge corner of the wing. Wing failed assembly manual inspection criteria.

**ACTION TAKEN:**

28DEC00: NAWC Pt. Mugu requests wing be returned per current instruction for further transfer to Depot (Raytheon, UIC Q95704) for repair. If possible, please incorporate the damaged wing, copies of original CODR message and this message with an existing AMRAAM container already marked for return.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		RAYTHEON	TEST AND REPAIR	28MAR01 OPEN

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-25 MESSAGE 261210ZDEC00	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
		280029ZDEC00	

<b>ACTION</b>	<b>:</b>	<b>VFA-115</b>	<b>CODR</b>	<b>R09604-00-0069</b>	<b>18DEC00 OPEN</b>
---------------	----------	----------------	-------------	-----------------------	---------------------

		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	G601895	1420	01-397-0140	PT45
		<b>NOMEN:</b> FIN			
		<b>S/N:</b> P47-12-P			
		<b>LOT:</b> N/A			
<b>FAILED PART:</b>		G601895	1420	01-397-0140	PT45
		<b>NOMEN:</b> FIN			
		<b>S/N:</b> P47-12-P			
		<b>LOT:</b> N/A			

**DESCRIPTION:**

Aircraft loaded and parked on finger aft of elevator four. No discrepancies noted during ordnance quality assurance and pilot walk-around prior to flight. During aircraft taxi to catapult, armament crew member found control fin at 3 o'clock position with an upward bend one quarter inch in size at trailing edge outboard tip. Damaged fin swapped with an ready-for-issue replacement.

**ACTION TAKEN:**

20DEC00: NAWC Pt. Mugu requests fin be returned per current instruction for further transfer to Depot (Raytheon, UIC Q95704) for repair. If possible, please incorporate the damaged control fin, copies of your original CODR message and this message with an existing AMRAAM container already marked for return.

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15964

(Continued)

<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	20MAR01	OPEN

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-115 MESSAGE 181235ZDEC00	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
		200929ZDEC00	

<b>ACTION</b>	<b>:</b>	<b>USS LINCOLN (CVN-72) CODR</b>	<b>R21297-00-0835A</b>	<b>17DEC00</b>	<b>OPEN</b>
---------------	----------	----------------------------------	------------------------	----------------	-------------

		<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> CC56024, CC56078			
		<b>LOT:</b> VIII, VIII			
<b>FAILED PART:</b>		G601895	1420	01-397-0140	PT45
		<b>NOMEN:</b> FIN			
		<b>S/N:</b> UNKNOWN, UNKNOWN			

**DESCRIPTION:**

While de-canning AIM-120C missiles for AMRAAM surveillance asset inspection, crewmembers discovered four fins with bent trailing edges in two separate containers that clearly met rejection criteria. Each container was sealed and inspected by CV-64-5 quality assurance representative on 24 Nov 99.

**ACTION TAKEN:**

20DEC00: NAWC Pt. Mugu requests fins be returned per current instruction for further transfer to Depot (Raytheon, UIC Q95704) for repair.

<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	20MAR01	OPEN

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		USS LINCOLN (CVN-72) MESSAGE	PROBLEM REPORT
		171252ZDEC00	
		NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
		201129ZDEC00	

<b>ACTION</b>	<b>:</b>	<b>USS LINCOLN (CVN-72) CODR</b>	<b>R21297-00-0818</b>	<b>30OCT00</b>	<b>OPEN</b>
---------------	----------	----------------------------------	-----------------------	----------------	-------------

		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	3820402-101	1420	01-332-5347	PG64
		<b>NOMEN:</b> WING ASSEMBLY			
		<b>S/N:</b> UNKNOWN			
<b>FAILED PART:</b>		3820402-101	1420	01-332-5347	PG64
		<b>NOMEN:</b> WING ASSEMBLY			
		<b>S/N:</b> UNKNOWN			

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15964

(Continued)

**DESCRIPTION:**

During weapons inspection dents were discovered along the leading edge of two wings. Wings are not ready for issue per NAVAIR 01-AIM120-2.

**ACTION TAKEN:**

03NOV00: NAWC Pt. Mugu requests wings be returned per current instructions for further transfer to Depot (Raytheon) 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	01FEB01	OPEN

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		USS LINCOLN (CVN-72) MESSAGE 301801ZOCT00	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 030839ZNOV00	INTERIM RESPONSE

<b>ACTION</b>	<b>:</b>	<b>VFA-27</b>	<b>CODR</b>	<b>R65185-99-0019</b>	<b>13JUL99</b>	<b>CLOSED</b>
---------------	----------	---------------	-------------	-----------------------	----------------	---------------

<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
		3820431-101	1420	01-364-8445	PG61
		<b>NOMEN:</b> FIN ASSEMBLY			
		<b>S/N:</b> UNKNOWN			
<b>FAILED PART:</b>		3820431-101	1420	01-364-8445	PG61
		<b>NOMEN:</b> FIN ASSEMBLY			

**DESCRIPTION:**

During weapons inspection, five AIM-120 fins were found to be defective. One fin had a locking pin that would not engage and the top corner of the fin was bent. The remaining four fins had bent leading edges.

**ACTION TAKEN:**

15JUL99: NAWC Pt. Mugu requests missile and fins be returned for further transfer to Raytheon repair.

04DEC01: NAWC Pt. Mugu states original disposition should have stated "entered for tracking purposes only".

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>
		RAYTHEON	PERFORM TEST AND REPAIR	COMPLETE 15JUL99	

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 15964

(Continued)

REFERENCES :	IDENTIFICATION	REFERENCE BRIEF
	VFA-27 MESSAGE 130201ZJUL99	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 150029ZJUL99	INTERIM RESPONSE
	NAWC PT MUGU/311200E E-MAIL 04DEC01	REPLY/CLOSING

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16142 OPEN**

<b>END ITEM</b>	<b>NOMENCLATURE</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
	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, INTERCEPT	3819900-100	1410	01-379-4896	PU50

**EI CNTRL NO:**

**PROB BRIEF :** AIM-120 MISSILE BODY SURFACE DAMAGE

**PROBLEM DESCRIPTION :** Missile gouged/chipped due to handling damage.

**PREVENTIVE ACTION :** More training/supervision.

**CORRECTIVE ACTION :** Return to depot.

<b>OCCURRENCES:</b>	<b>SOURCE</b>	<b>TYPE</b>	<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>DR STATUS</b>
	VMFA-323	CODR/EIR	M09235-01-0015	07MAY01	OPEN
	USS LINCOLN (CVN-72)	CODR	R21297-00-0827	30NOV00	OPEN
	VFA-137	CODR	V55142-99-0076	03NOV99	CLOSED
	VFA-137	CODR	V55142-99-0074	22OCT99	CLOSED
	NAWMU-1	CODR	N52821-99-0019	05OCT99	CLOSED
	USS CONSTELLATION (CV-64)	CODR	R03364-99-0007	22SEP99	CLOSED
	VFA-27	CODR	R65185-99-0018	13JUL99	CLOSED
	USS KITTY HAWK (CV-63)	CODR	R03363-99-0019	25JUN99	CLOSED
	VFA-94	CODR	R09295-99-0005	11JAN99	CLOSED *
	VFA-94	CODR	R09295-99-0006	11JAN99	CLOSED
	USS VINSON (CVN-70)	CODR	R20993-99-0003	06JAN99	CLOSED *
	VFA-22	CODR	R09561-99-0001	05JAN99	CLOSED
	VFA-94	CODR	R09295-98-0039A	26DEC98	CLOSED
	USS INDEPENDENCE (CV-62)	CODR	V03362-98-0020	26FEB98	CLOSED *
	VFA-147	CODR	R63925-97-0073	08DEC97	CLOSED *
	VMFA-323	CODR	M09235-97-0039	16SEP97	CLOSED
	VFA-131	CODR	R63934-96-0035	14APR96	CLOSED *
	VFA-192	CODR	R09076-94-0006	15FEB94	CLOSED *

\* ACTION REPORTED IN PREVIOUS PUBLICATION

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16142 (Continued)

ACTION : VMFA-323 CODR/EIR M09235-01-0015 07MAY01 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> CB52170			
	<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> CB52170			
	<b>LOT:</b> VII			

**DESCRIPTION:**

Missile loaded in accordance with NAVAIR A1-F18AER-LWS-510 four flight prior to incident. On all four flights aircrew reported no intent-to-launch and no abnormal indications. On carrier recovery of fourth flight the missile departed station 6 LAU-A/A and lodged its wings into the adjacent FPU-8/A fuel tank on station 7. EOD and ordnance personnel were able to separate the missile from the aircraft and safed the weapon. Engines were shut down and upon removal of missile the aircraft was towed to a position on the bow and chained down. Upon inspection of the launcher the front hook was noted in the open/release position while the safing indicator displayed green/locked position and aft detent was extended in the locked position with aft lock trigger closed in the locked position. Inspection inside launcher door 508 revealed slave piston rod fully extended and rod end backed off (unthreaded) from block. Lock drive arm remained in the locked position but now rested on block at end of slave piston rod. LAU-116A/A launcher removed from aircraft with buffer intact and held by VMFA-323. AIM-120B missile turned in to CV-64 Weapons Division. Engineering investigation requested for LAU-116A/A missile launcher. Disposition instructions for AIM-120B requested.

**ACTION TAKEN:**

09MAY01: NAWC Pt. Mugu requests that the missile be returned with damaged wings and fins per current instruction in Condition Code "F" to Depot (Raytheon, UIC EY9680) 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	07AUG01	OPEN

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VMFA-323 MESSAGE 071501ZMAY01	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	090229ZMAY01	

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16142 (Continued)

ACTION : USS LINCOLN (CVN-72) CODR R21297-00-0827 30NOV00 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> CC07786			
	<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> CC07786			
	<b>LOT:</b> XI			

**DESCRIPTION:**

During missile receipt inspection a one and three sixteenths inch scratch was noticed on guidance section aft fuselage in the glass wrap.

**ACTION TAKEN:**

07DEC00: NAWC Pt. Mugu requests missile be returned per current instructions 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	07MAR01	OPEN

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	USS LINCOLN (CVN-72) MESSAGE 301749ZNOV00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 070229ZDEC00	INTERIM RESPONSE

ACTION : VFA-137 CODR V55142-99-0076 03NOV99 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> CC06016			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC06016			

**DESCRIPTION:**

AIM-120C missile downloaded per F/A-18 loading manual, burr on top rail of LAU-127 scratched thermal coating of guidance section (approximately two inches). When discovered burr was removed from launcher.

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16142**

**(Continued)**

**ACTION TAKEN:**

10NOV99: NAWC Pt. Mugu requests missile be returned to Raytheon for 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	TEST AND REPAIR	COMPLETE 11MAY00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-137 MESSAGE 030203ZOCT99	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
		100929ZNOV99	
		RAYTHEON AMRS 11MAY00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-137</b>	<b>CODR</b>	<b>V55142-99-0074</b>	<b>22OCT99 CLOSED</b>
---------------	----------	----------------	-------------	-----------------------	-----------------------

		<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> CC56076			
<b>FAILED PART:</b>		3819625-100	1410	01-399-2400	PU69
		<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
		<b>S/N:</b> CC56076			

**DESCRIPTION:**

Upon checkout from G-1 flight deck shop, no damages observed on AIM-120C missile. After flight, missile download to be turned into G-1, when scratch on missile noticed.

**ACTION TAKEN:**

28OCT99: NAWC Pt. Mugu requests missile be returned to Raytheon for test and repair.

30NOV00: Raytheon reported that the failure was confirmed. Missile was inducted for damaged radome. Guidance section and rear data link were removed and replaced. Unit was cleaned up, touched up, and was issued a Condition Code "A" tag.

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	TEST AND REPAIR	COMPLETE 30NOV00

30-NOV-01

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16142 (Continued)**

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-137 MESSAGE 220103ZOCT99	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	280629ZOCT99	
	RAYTHEON AMRS 30NOV00	DEPOT REPAIR DATA

**ACTION : NAWMU-1 CODR N52821-99-0019 05OCT99 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> CA01511			
<b>FAILED PART:</b>	3819500-130	1410	01-375-0439	PU46
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CA01511			

**DESCRIPTION:**

Missile has a one-inch scratch on the guidance section. Received missile in Condition Code "K" from COMNAVMAR Ordnance Department. Upon decanning, quality assurance personnel discovered previous CODR written by USS Independence on serial number CB52174. Recanned placed in Condition Code "E". Request original disposition on subject missile.

**ACTION TAKEN:**

07OCT99: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to Depot (Raytheon) for repair.

27JUL00: Raytheon reported that subject missile was returned for radome damage. The Rear Data Link antenna cover was discovered to have damage, however, no damage was found on the missile radome. The Rear Data Link was removed and 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>	RAYTHEON	PERFORM TEST AND REPAIR	COMPLETE 27JUL00

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	NAWMU-1 MESSAGE 050101ZOCT99	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	071129ZOCT99	
	RAYTHEON AMRS 27JUL00	DEPOT REPAIR DATA

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16142 (Continued)

ACTION : USS CONSTELLATION CODR R03364-99-0007 22SEP99 CLOSED |  
(CV-64)

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

DESCRIPTION:

During receipt inspection crew discovered a scratch in aft guidance section two inches long by 1/8 inch wide by 1/32 inch deep.

ACTION TAKEN:

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

31OCT00: 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.

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

REFERENCES	IDENTIFICATION	REFERENCE BRIEF
	USS CONSTELLATION (CV-64) MESSAGE 220656ZSEP99	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 240029ZSEP99	INTERIM RESPONSE
	RAYTHEON AMRS 31OCT00	DEPOT REPAIR DATA

ACTION : VFA-27 CODR R65185-99-0018 13JUL99 CLOSED |

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC07387			
FAILED PART:	3819625-100	1410	01-399-2400	PU69
	NOMEN: GUIDED MISSILE, TACTICAL			
	S/N: CC07387			

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16142 (Continued)**

**DESCRIPTION:**

During weapons inspection, squadron ordnance crew discovered a four inch bare metal area on port side of warhead. Missile was reinspected and rejected by G-3 weapons quality assurance representative.

**ACTION TAKEN:**

15JUL99: NAWC Pt. Mugu requests missile and fins be returned to Raytheon for repair.

14JUL00: Raytheon reported that the failure was confirmed. Missile had been returned due to handling damage. The warhead was chipped. Missile passed incoming All Up Round BIT and FAST tests. Rear data link and wing, per OP10, were removed and replaced. The filter rectifier was also replaced. Chip on warhead was repaired. 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>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		RAYTHEON	REPAIR	COMPLETE 14JUL00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-27 MESSAGE 130200ZJUL99	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 150029ZJUL99	INTERIM RESPONSE
		RAYTHEON AMRS 14JUL00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>USS KITTY HAWK (CV-63)</b>	<b>CODR</b>	<b>R03363-99-0019</b>	<b>25JUN99 CLOSED</b>
---------------	----------	-------------------------------	-------------	-----------------------	-----------------------

	<b>:</b>	<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> CC07398			
		<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> CC07398			
		<b>LOT:</b> X			

**DESCRIPTION:**

During a weapons staging evolution in the flight deck weapons staging area, a MHU-191 skid with a set of ADU-514/E adapters was being moved out of the staging area. The skid was driven too close to the subject AIM-120 and the forward ADU-514/E adapter made contact with the guidance section aft fuselage of the weapon causing a one and one half inch gouge and tearing glass wrap.

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16142**

**(Continued)**

**ACTION TAKEN:**

28JUN99: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for repair.

This deficiency will remain open until repairs are complete.

28JUL00: Raytheon reported that the failure was confirmed. Missile had been returned for exposed fibers on the guidance section aft skin. Filter rectifier was removed and replaced per x-ray. The buffer and fins were also replaced. Replacement guidance section had 17j1 smashed, which was 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 SUMMARY</b>	<b>:</b>	<b>ACTIVITY/CODE</b> DPRO RAYTHEON	<b>ASSIGNMENT</b> REPAIR	<b>DUE DATE</b> 28JUL00	<b>STATUS</b> COMPLETE
-----------------------	----------	---------------------------------------	-----------------------------	----------------------------	---------------------------

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b> USS KITTY HAWK (CV-63) MESSAGE 250615ZJUN99 NAWC PT MUGU/311200E MESSAGE 280429ZJUN99 RAYTHEON AMRS 28JUL00	<b>REFERENCE BRIEF</b> PROBLEM REPORT INTERIM RESPONSE DEPOT REPAIR DATA
-------------------	----------	--	---

<b>ACTION</b>	<b>:</b>	<b>VFA-94</b>	<b>CODR</b>	<b>R09295-99-0006</b>	<b>11JAN99</b>	<b>CLOSED</b>
---------------	----------	---------------	-------------	-----------------------	----------------	---------------

<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b> 3819500-130 <b>NOMEN:</b> MISSILE GUIDED, INTERCEPT <b>S/N:</b> CA01592	<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> CA01592	1410	01-375-0439	PU46

**DESCRIPTION:**

Missile was loaded and downloaded with no observed damage occurring to missile. The two gouges on the warhead section were discovered upon missile turn in to CVN-70 weapons dept. Defect occurred either during loading/downloading from LAU-127 launcher or during transport of AIM-120 missile from aircraft.

**ACTION TAKEN:**

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

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

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16142

(Continued)

28MAR00: Raytheon reported that the failure was confirmed and isolated to the rear data link, which was removed and replaced. Unit 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 28MAR00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-94 MESSAGE 111103ZJAN99	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
		120229ZJAN99	
		RAYTHEON AMRS 28MAR00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-22</b>	<b>CODR</b>	<b>R09561-99-0001</b>	<b>05JAN99</b>	<b>CLOSED</b>	
---------------	----------	---------------	-------------	-----------------------	----------------	---------------	--

		<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> CA02014			
<b>FAILED PART:</b>		3819500-130	1410	01-375-0439	PU46
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CA02014			

**DESCRIPTION:**

Aircraft was loaded with two AIM-120 missiles on station eight. While performing postflight walk around inspection, Quality Assurance Safety Observer noted small chip in warhead section thermal coating on the inboard missile.

**ACTION TAKEN:**

12JAN99: 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.

28MAR00: Raytheon reported that the failure was confirmed and the guidance section was removed and replaced for the scratched radome. The rear data link was dented and also 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 28MAR00

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16142 (Continued)

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-22 MESSAGE 050630ZJAN99	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 120329ZJAN99	INTERIM RESPONSE
	RAYTHEON AMRS 28MAR00	DEPOT REPAIR DATA

**ACTION :** VFA-94 CODR R09295-98-0039A 26DEC98 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> CA01637			
<b>FAILED PART:</b>	3819500-130	1410	01-375-0439	PU46
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CA01637			

**DESCRIPTION:**

During downloading of AIM-120 from LAU-127 launcher, the umbilical breakaway assembly for an AIM-9 on the LAU-127 was extended and went undetected. When missile was slid back on the rail of the LAU-127, the umbilical breakaway assembly gouged the warhead section of the missile.

**ACTION TAKEN:**

30DEC98: NAWC Pt. Mugu acknowledges receipt of deficiency and request exhibit be held for 30 days pending problem number assignment and further disposition instructions.

07JAN99: NAWC Pt. Mugu requests missile be returned per current instructions for further transfer to depot for repair.

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	REPAIR	COMPLETE 07JAN99

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-94 MESSAGE 261123ZDEC98	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 300829ZDEC98	RECEIPT ACKNOWLEDGEMENT
	NAWC PT MUGU/311200E MESSAGE 070029ZJAN99	REPLY/CLOSING

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16142 (Continued)

ACTION : VMFA-323 CODR M09235-97-0039 16SEP97 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> CA01446			
	<b>LOT:</b> V			
<b>FAILED PART:</b>	3819500-130	1410	01-375-0439	PU46
	<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
	<b>S/N:</b> CA01446			
	<b>LOT:</b> V			

**DESCRIPTION:**

Missile was loaded on 10SEP97 with no discrepancies noted. Missile was downloaded on 16SEP97 and turned in to G1F. G1F noted two areas of chipped paint on forward left edge of warhead. One area is one inch by one inch and the other is one inch by one half inch. Both areas are down to bare metal. Aircraft did not fly while missile was loaded and there is no other apparent damage to include scratches to the missile in the vicinity of the chipped paint.

**ACTION TAKEN:**

17SEP97: NAWC Pt. Mugu requests missile be returned per current instructions to NOC Fallbrook for repair.

This deficiency will remain open until repair is complete.

13NOV97: NOC Fallbrook performed paint repair 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 STATUS</b>
<b>SUMMARY</b>	NOC FALLBROOK	REPAIR	COMPLETE 13NOV97

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VMFA-323 MESSAGE 162020ZSEP97	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 170229ZSEP97	INTERIM RESPONSE
	NAWC PT MUGU/311200E AWARS 13NOV97	DEPOT REPAIR DATA

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16306

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
	MISSILE. TRAINING	3819509-106	6920	01-411-1295	PY97
	GUIDED MISSILE, TRAINING	3819513-101	6920	01-419-2214	BWDW
	GUIDED MISSILE, TACTICAL	3819625-100	1410	01-399-2400	PU69
	MISSILE GUIDED, INTERCEPT	3819900-100	1410	01-379-4896	PU50

EI CNTRL NO: 98-0004

PROB BRIEF : AIM-120 FIN INOPERABLE

PROBLEM : Unable to install or remove fin.  
DESCRIPTION

PREVENTIVE : Ensure correct procedures are followed.  
ACTION

CORRECTIVE : Still under investigation. Preliminary results from investigation at  
ACTION Raytheon Letterkenny revealed the stuck fin could still not be removed. Using a fin tool with a long handle the nut could be turned about one quarter turn before the tool broke. The section will be sent to Raytheon Andover where they will try to cut away the fin for further investigation. All the sections with the loose engagement nut were within specifications. Raytheon plans to send the sections to Andover where metallurgical tests will be performed to determine the cause of the damaged threads.

Report from Raytheon dated June 9, 1998:

BACKGROUND: Six AMRAAM missiles were returned to Raytheon Company by the US Navy after difficulties were encountered with their usage on an aircraft carrier deployed to the Persian Gulf in 1997. Four of these missiles were reported to be unable to have a fin properly mated to one of the four output shafts. Two of the missiles had fins stuck on one output shaft.

The Control Actuator Sections were separated from the missiles at the FACO in Letterkenny, PA. Measurements were performed on the four non-mating output shafts using special gauges. It was determined that there were no dimensional problems with the critical mating surfaces of these units that could account for a problem with fin mounting. Extraordinary efforts were made to mechanically remove one of the two stuck fins, which proved unsuccessful. The six Control Actuator Sections were then shipped to Raytheon/Andover.

The four units to which a fin could not be mounted were handled first. It was noted that actuator number four was the affected channel in every case. The output shafts were removed and sent to the Reliability Analysis Laboratory in Lexington. The number four actuator was replaced in these units which were then tested and

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

PROBLEM NO: 16306

(Continued)

returned to the government.

The two stuck fins were removed by cutting the attachment nut on each. One of these two units displayed clear visual evidence of cross-threading. The other unit displayed thread damage, but did not appear to have been cross-threaded. This second nut was sent to the Reliability Analysis Laboratory for analysis.

OBSERVATIONS: The four actuator shafts were examined visually at magnifications of up to 40x. In each case there was obvious mechanical damage, isolated to the first few threads. Superficial hardness measurements were performed on the shafts. All of the shafts were found to be around 35 HRC, which is well within the expected range for the specified 17-4PH material in the H1100 condition.

The four shafts were placed in the Scanning Electron Microscope for imaging and compositional analysis by EDAX. The shafts were measured to have a composition consistent with the specified 17-4PH CRES material. Material was also observed to be adhered to the damaged threads that displayed a composition that could not be 17-4PH but was indicative of A286 CRES instead.

The nut from the stuck fin that was not cross threaded was visually examined and examined in the SEM/EDAX. Damage was observed to have occurred principally on the second thread in. This damage was in the form of extensive amounts of missing material. The composition of the nut was found to be consistent with A286, and was identical to the material found adhered to the shafts discussed above.

DISCUSSION: Both sets of hardware that were examined indicated that A286 material has been transferred from the nut to the shaft in the region of the first few threads. This type of severe wear damage associated with material transfer is known as galling. Galling occurs when two metals exhibiting similar compositions and hardnesses rub together under high bearing pressure. Stainless steel threads are quite susceptible to this form of damage. Therefore, the appearance of this damage is not an indication that one of the two mating surfaces suffered from some material defect. On the contrary, galling would be expected to occur at this interface if significant rubbing occurs under high load.

The concentration of the damage to the first few threads in in every case indicates that the threads were only partially engaged at the time when the galling occurred. Otherwise, the damage would affect all of the threads with equal probability.

Proper installation of the fin occurs in three separate steps.

First, the fin is seated onto the shaft such that the critical mating surfaces are fully engaged. Second, the nut is threaded onto the shaft using minimal torque until the all of the active threads are fully engaged. Third, the nut is torqued to the specified value, which should require about 1/8 of a turn (with ALL of the threads

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16306**

**(Continued)**

engaged).

If the fin is not fully seated during step two, due to misalignment, the nut will function as a "jack-nut" and will draw the fin and shaft together. Depending upon the misalignment and the presence of any foreign materials interfering with the fit, the torque required for this "jacking" might be rather high. In this case, the nut will be only partially engaged when the threads begin to load.

Furthermore, the nut will now rotate for at least four full rotations under load, rather than the intended 1/8 rotation.

Mounting of the fin under these conditions will result in exactly the type of damage that was observed on the hardware returned by the Navy.

Additional support for this hypothesis comes from the fact that each of the four damaged shafts were in the same number four location. It has been reported that when the missile is mounted on an aircraft, this location is particularly awkward to access for fin mating. Furthermore, the one cross-threaded fin clearly proves that misalignment does occur during mating of these threads. It should also be noted that cross-threading two high-strength CRES threads of this size required exceptionally high levels of torque. This also proves that the high torque levels, which were required to misuse the fin nuts jacking, were available.

**CONCLUSIONS:**

The failure of all six of the missiles returned by the Navy was due to operator error.

On at least five of the missiles the fins were not properly seated onto the Control Actuator Section output shafts prior to threading of the nuts onto the shaft, as is required.

One of the failures was due to cross-threading of the nut onto the output shaft.

<b>OCCURRENCES:</b>	<b>SOURCE</b>	<b>TYPE</b>	<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>DR STATUS</b>
	NSATS PAX RIVER	CODR	N39783-01-0085	13SEP01	OPEN
	NSATS PAX RIVER	CODR	N39783-01-0061	16JUL01	OPEN
	VFA-137	CODR	V55142-01-0029	12JUN01	OPEN
	VFA-136	CODR	V55141-00-0012	29JUN00	CLOSED
	VMFA(AW)-121	CODR	M09257-00-0015	31MAY00	CLOSED
	VMFA-314	CODR	M09230-00-0014	27MAR00	CLOSED
	VMFA-314	CODR	M09230-00-0013	21MAR00	CLOSED
	VFA-105	CODR	V65183-99-0014	14APR99	CLOSED
	VFA-105	CODR	V65183-99-0008	08MAR99	CLOSED *
	VMFA-323	CODR	M09235-99-0007	27FEB99	CLOSED
	USS ENTERPRISE (CVN-65)	CODR	R03365-99-0003	23JAN99	CLOSED

\* ACTION REPORTED IN PREVIOUS PUBLICATION

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16306 (Continued)**

SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
VFA-81	CODR	V09221-98-0058	23NOV98	CLOSED *
VFA-25	CODR	R09637-98-0052	20AUG98	CLOSED *
USS LINCOLN (CVN-72)	CODR	V21297-98-0011	01AUG98	CLOSED
VFA-147	CODR	R63925-97-0087	02JAN98	CLOSED *
NSATS PAX RIVER	CODR	N39783-97-0007	11NOV97	CLOSED *
VFA-151	CODR	R09558-97-0040	15AUG97	CLOSED *
VMFA-323	CODR	M09235-97-0031	10JUL97	CLOSED *
VFA-151	CODR	R09558-97-0024	14JUN97	CLOSED *
VMFA-323	CODR	M09235-97-0027	13JUN97	CLOSED *
VFA-151	CODR	R09558-97-0023	02JUN97	CLOSED *

**\* ACTION REPORTED IN PREVIOUS PUBLICATION**

<b>ACTION :</b>	<b>NSATS PAX RIVER</b>	<b>CODR</b>	<b>N39783-01-0085</b>	<b>13SEP01</b>	<b>OPEN</b>
<b>END ITEM :</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>	
	3819513-101	6920	01-419-2214	BWDW	
	<b>NOMEN: GUIDED MISSILE, TRAINING</b>				
	<b>S/N: 20C7055</b>				
<b>FAILED PART:</b>	3819513-101	6920	01-419-2214	BWDW	
	<b>NOMEN: GUIDED MISSILE, TRAINING</b>				
	<b>S/N: 20C7055</b>				

**DESCRIPTION:**

While performing weapon inspection prior to loading, the fins could not be tightened. Troubleshooting by interchanging fins could not determine the cause of the discrepancy. Suspect wear on both fins and the hub were contributing factors. The CATM-120 had 90.5 flight hours.

**ACTION TAKEN:**

19SEP01: 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	18DEC01	OPEN
<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>		
	NSATS PAX RIVER MESSAGE 131914ZSEP01	PROBLEM REPORT		
	NAWC PT MUGU/311200E MESSAGE 190029ZSEP01	INTERIM RESPONSE		

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16306 (Continued)

ACTION : NSATS PAX RIVER CODR N39783-01-0061 16JUL01 OPEN

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819513-101	6920	01-419-2214	BWDW
	<b>NOMEN:</b> GUIDED MISSILE, TRAINING			
	<b>S/N:</b> 20C7056, 20C7529, 20C7008, 20C7059			
<b>FAILED PART:</b>	3819513-101	6920	01-419-2214	BWDW
	<b>NOMEN:</b> GUIDED MISSILE, TRAINING			
	<b>S/N:</b> 20C7056, 20C7529, 20C7008, 20C7059			

**DESCRIPTION:**

While performing weapons inspection on four different CATM-120C, it was noted that missile fins would not interface properly. Each of the fins were loose on all four missile hubs. After interchanging several sets of fins on each missile, it was concluded that the problem was a combination of fins and fin hubs causing the interface problems.

**ACTION TAKEN:**

18JUL01: NAWC Pt. Mugu requests that the missiles be returned per current instruction in Condition Code "F" 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	16OCT01	OPEN

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	NSATS PAX RIVER MESSAGE 161225ZJUL01	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 180529ZJUL01	INTERIM RESPONSE

ACTION : VFA-137 CODR V55142-01-0029 12JUN01 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> CB52451			
	<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> CB52451			
	<b>LOT:</b> VII			

**DESCRIPTION:**

During downloading the aft fin was hard to remove. After rotating the engagement nut, the fin had to be shaken off from side to side causing the fin to knurl the fin mount.

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16306**

**(Continued)**

**ACTION TAKEN:**

20JUN01: NAWC Pt. Mugu requests that the missile be returned per current instruction in Condition Code "F" to Depot (Raytheon, UIC Q95704) for repair.

10JUL01: NAWC Pt. Mugu requests unclassified photos of the damaged fin mount be provided.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		RAYTHEON	TEST AND REPAIR	18SEP01 OPEN

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VFA-137 MESSAGE 120103ZJUN01	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 200129ZJUN01	INTERIM RESPONSE
		NAWC PT MUGU/311200E MESSAGE 100029ZJUL01	REQUEST FOR PHOTOS

<b>ACTION</b>	<b>:</b>	<b>VFA-136</b>	<b>CDR</b>	<b>V55141-00-0012</b>	<b>29JUN00 CLOSED</b>
---------------	----------	----------------	------------	-----------------------	-----------------------

<b>END ITEM</b>	<b>:</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
		<b>S/N:</b> CC56134			
		<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> CC56134			
		<b>LOT:</b> VIII			

**DESCRIPTION:**

During aircraft loading, bottom fin was difficult to install. A second known good fin produced same results. Damage to mount hub threads not visible to eye, but difficult fin installation problem indicated thread damage.

**ACTION TAKEN:**

06JUL00: NAWC Pt. Mugu requests missile be returned per current instruction for further transfer to Raytheon for repair.

07MAR01: 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 STATUS</b>
<b>SUMMARY</b>		RAYTHEON	PERFORM TEST AND REPAIR	COMPLETE 07MAR01

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16306 (Continued)

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-136 MESSAGE 290700ZJUN00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	060329ZJUL00	
	RAYTHEON AMRS 07MAR01	DEPOT REPAIR DATA

**ACTION :** VMFA(AW)-121                      CODR              M09257-00-0015              31MAY00 CLOSED

<b>END ITEM :</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
	S/N: CC56811			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	S/N: CC56811			

**DESCRIPTION:**  
During weapons loading on aircraft right fin mount discovered to be stripped and unusable.

**ACTION TAKEN:**  
07JUN00: NAWC Pt. Mugu requests missile be returned per current instruction for further transfer to Depot (Raytheon) for repair.  
  
06MAR01: NAWC Pt. Mugu checked the missile status in CAIMS and missile was placed back in to Condition Code "A" by Port Hadlock.  
  
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 06MAR01

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VMFA(AW)-121 MESSAGE 310507ZMAY00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	070229ZJUN00	
	NAWC PT MUGU/311200E CAIMS 26NOV01	MISSILE STATUS

**ACTION :** VMFA-314                      CODR              M09230-00-0014              27MAR00 CLOSED

<b>END ITEM :</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
	S/N: CC07471			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	S/N: CC07471			

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16306**

**(Continued)**

**DESCRIPTION:**

Missile loaded and flown on station Six. During download of missile, one fin engagement nut would not loosen. Missile downloaded and Weapons Department removed fin and noted that fin hub was stripped.

**ACTION TAKEN:**

05APR00: NAWC Pt. Mugu requests missile and fin be returned per current instruction for further transfer to Depot (Raytheon) for repair.

19SEP00: Raytheon reported that the failure was confirmed. Reported defect was "Fin Hub Stripped". The control section and filter rectifier were removed and 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>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>		RAYTHEON	PERFORM TEST AND REPAIR	COMPLETE 19SEP00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VMFA-314 MESSAGE 270543ZMAR00	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 051029ZAPR00	INTERIM RESPONSE
		RAYTHEON AMRS 19SEP00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VMFA-314</b>	<b>CODR</b>	<b>M09230-00-0013</b>	<b>21MAR00</b>	<b>CLOSED</b>
		<b>END ITEM</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
		<b>FAILED PART:</b>	S/N: CC07472 3817625-100	1410	01-399-2400	PU69
			<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
			S/N: CC07472			

**DESCRIPTION:**

While ordnance crew was installing fins after missile had been loaded on station six, one fin would not thread onto missile. A second fin gave the same results. A closer inspection of the control section revealed the control section fin mounting stud appeared to have been cross threaded.

**ACTION TAKEN:**

28MAR00: NAWC Pt. Mugu requests missile be returned for further transfer to Depot (Raytheon) for repair.

19SEP00: Raytheon reported that the failure was confirmed. Missile

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16306

(Continued)

was inducted for a cross threaded R4-C/S. Inspection revealed a bad Filter Rectifier and TIVS. The Filter Rectifier, control section (two) and TIVS Prop (due to rusted standoffs) 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</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		RAYTHEON	DR CLASSIFICATION APPROVED/TEST & REPAIR		COMPLETE 19SEP00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		VMFA-314 MESSAGE 210541ZMAR00	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 280629ZMAR00	INTERIM RESPONSE
		RAYTHEON AMRS 19SEP00	DEPOT REPAIR DATA

<b>ACTION</b>	<b>:</b>	<b>VFA-105</b>	<b>CODR</b>	<b>V65183-99-0014</b>	<b>14APR99</b>	<b>CLOSED</b>
---------------	----------	----------------	-------------	-----------------------	----------------	---------------

		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	3819500-120	1410	01-375-0438	PU45
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CC56099			
<b>FAILED PART:</b>		3819500-120	1410	01-375-0438	PU45
		<b>NOMEN:</b> MISSILE GUIDED, INTERCEPT			
		<b>S/N:</b> CC56099			

**DESCRIPTION:**

During weapons downloading, unable to remove control fin. Turned control fin nut three full turns before binding.

**ACTION TAKEN:**

20APR99: NAWC Pt. Mugu requests missile be returned as soon as possible for further transfer to depot for repair.

This deficiency will remain open until repair is complete.

22JUN00: 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>		DPRO RAYTHEON	REPAIR		COMPLETE 22JUN00

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16306

(Continued)

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VFA-105 MESSAGE 141600ZAPR99	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	200029ZAPR99	
	RAYTHEON AMRS 22JUN00	DEPOT REPAIR DATA

**ACTION :** VMFA-323                      CODR              M09235-99-0007              27FEB99 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	3819509-106	6920	01-411-1295	PY97
	<b>NOMEN:</b> MISSILE. TRAINING			
	<b>S/N:</b> UNKNOWN			
<b>FAILED PART:</b>	7038180-1	6920	01-295-3826	BWDC
	<b>NOMEN:</b> FIN			

**DESCRIPTION:**

During weapon inspection, load crew noted fin lock pin would not engage to lock.

**ACTION TAKEN:**

16MAR99: NAWC Pt. Mugu requests fin be returned to depot for repair. CATM should be returned to service.

04DEC01: NAWC Pt. Mugu states original disposition should have stated "entered for tracking purposes only".

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 16MAR99

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	VMFA-323 MESSAGE 271014ZFEB99	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	160229ZMAR99	
	NAWC PT MUGU/311200E E-MAIL 04DEC01	REPLY/CLOSING

**ACTION :** USS ENTERPRISE              CODR              R03365-99-0003              23JAN99 CLOSED  
(CVN-65)

	<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> CC56137			
<b>FAILED PART:</b>	3819625-100	1410	01-399-2400	PU69
	<b>NOMEN:</b> GUIDED MISSILE, TACTICAL			
	<b>S/N:</b> CC56137			

**AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

**PROBLEM NO: 16306**

**(Continued)**

**DESCRIPTION:**

During download operations, squadron discovered one fin would not remove from weapon.

**ACTION TAKEN:**

28JAN99: NAWC Pt. Mugu requests verification of deficiency. |

30JAN99: CVN-65 responded with verification that it was a fin deficiency and not a wing as was stated in original message.

31JAN99: CVN-65 sent corrected copy of deficiency.

02FEB99: NAWC Pt Mugu responded with specific instructions on how to remove fin. If not successful, request missile be placed sideways in container and returned per current instructions as soon as possible for further transfer to depot for repair.

06FEB99: CVN-65 reports efforts to remove fin failed (unable to turn fin engagement nut without breaking fin removal tool). Missile is being returned for repair.

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

22JUN00: 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 STATUS</b>
<b>SUMMARY</b>		DPRO RAYTHEON	REPAIR	COMPLETE 22JUN00

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		USS ENTERPRISE (CVN-65) MESSAGE 230705ZJAN99	PROBLEM REPORT
		NAWC PT MUGU E-MAIL 28JAN99	REQUEST FOR ADDITIONAL DATA
		USS ENTERPRISE (CVN-65) E-MAIL 30JAN99	ADDITIONAL DATA
		USS ENTERPRISE (CVN-65) MESSAGE 310700ZJAN99	CORRECTED CODR
		NAWC PT MUGU MESSAGE 020729ZFEB99	REPLY
		USS ENTERPRISE (CVN-65) MESSAGE 060700ZFEB99	UPDATE/CLOSING
		RAYTHEON AMRS 22JUN00	DEPOT REPAIR DATA

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16306 (Continued)

ACTION : USS LINCOLN (CVN-72) CODR V21297-98-0011 01AUG98 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> UNKNOWN			
<b>FAILED PART:</b>	3820431-101	1420	01-364-8445	PG61
	<b>NOMEN:</b> FIN ASSEMBLY			
	<b>S/N:</b> UNKNOWN			

**DESCRIPTION:**  
During loading of AIM-120, squadron personnel discovered that the fin would not lock properly.

**ACTION TAKEN:**  
05AUG98: NAWC Pt. Mugu inquires if another fin was installed. |

07AUG98: USS Lincoln reports another fin was installed and is operating properly. First fin will be returned in normal manor.

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	INVESTIGATE/REPAIR	COMPLETE 07AUG98

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	USS LINCOLN (CVN-72) MESSAGE 010447ZAUG98	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 050229ZAUG98	INTERIM RESPONSE
	USS LINCOLN (CVN-72) MESSAGE 071524ZAUG98	ADDITIONAL INFORMATION

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16762 CLOSED

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

EI CNTRL NO:

PROB BRIEF : AIM-120 UMBILICAL RECEPTACLE DAMAGE

PROBLEM : Common Field-level Memory Re-programming Equipment would not connect  
DESCRIPTION : to missile.

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : None at this time.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	WSF PORT HADLOCK	CODR	N32013-00-0001A	06MAR00	CLOSED
ACTION :	WSF PORT HADLOCK	CODR	N32013-00-0001A	06MAR00	CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	3819900-100	1410	01-379-4896	PU50
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CB52165			
FAILED PART:	3819900-100	1410	01-379-4896	PU50
	NOMEN: MISSILE GUIDED, INTERCEPT			
	S/N: CB52165			

DESCRIPTION:

Prior to missile re-programming, W-7 cable two of the common field-level memory re-programming equipment would not connect to missile umbilical. Ratcheting occurred before fully seated.

ACTION TAKEN:

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

27SEP00: Raytheon reported that the failure was not confirmed. Initial inspection of the harness revealed no anomalies. Missile was missing wings and fins, which were replaced. Missile passed tests, was issued a Condition Code "A" tag and was returned to service.

This is closing action for this occurrence.

ACTION SUMMARY	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
	RAYTHEON	PERFORM TEST AND REPAIR		COMPLETE 27SEP00

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16762

(Continued)

REFERENCES :	IDENTIFICATION	REFERENCE BRIEF
	WSF PORT HADLOCK MESSAGE 061719ZMAR00	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 270329ZAPR00	INTERIM RESPONSE
	RAYTHEON AMRS 27SEP00	DEPOT REPAIR DATA

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16945 CLOSED

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

EI CNTRL NO:

PROB BRIEF : CNU-415 CONTAINER MOISTURE/WATER INTRUSION

PROBLEM : CNU-415 container submerged in contaminated water.  
DESCRIPTION

PREVENTIVE : None at this time.  
ACTION

CORRECTIVE : Return missile for test and repair.  
ACTION

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY RAYTHEON TEST AND REPAIR 24OCT01 OPEN

OCCURRENCES: SOURCE TYPE DOCUMENT NO. DATE DR STATUS  
: USS ENTERPRISE CODR R03365-01-0005 21JUN01 CLOSED  
(CVN-65)

ACTION : USS ENTERPRISE CODR R03365-01-0005 21JUN01 CLOSED  
(CVN-65)

END ITEM : PART/DOC. NO. FSC NIIN NALC  
: 3819900-100 1410 01-379-4896 PU50  
NOMEN: MISSILE GUIDED, INTERCEPT  
S/N: CB52032, CB02857, CB02787, CB02631  
LOT: VII, VII, VII, VII  
FAILED PART: 3819900-100 1410 01-379-4896 PU50  
NOMEN: MISSILE GUIDED, INTERCEPT  
S/N: CB52032, CB02547, CB02787, CB02631  
LOT: VII, VII, VII, VII

DESCRIPTION:

Collection, Holding and Transfer (CHT) pipe in magazine was capped off where eductor discharge pipe had been previously removed. The cap blew off and allowed approximately three feet of CHT to flood the magazine. CNU-415A/E container leaked while submerged and CHT entered container, wetting weapons. Weapons removed from container, cleaned, recanned and placed in Condition Code "F".

ACTION TAKEN:

26JUN01: NAWC Pt. Mugu requests that the missiles be returned per current instruction in Condition Code "F" to Depot (Raytheon, UIC Q95704) for repair.

30-NOV-01

AMRAAM ACTIVE (HANDLING DAMAGE)  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16945

(Continued)

21AUG01: Raytheon confirmed a rear data link failure and removed and replaced the rear data link antenna and also replaced the TIVS due to a cracked boss cap on serial number CB52032. Raytheon confirmed a BIT failure and isolated it the guidance section which was removed and replaced on serial number CB02787. Raytheon confirmed an all up round BIT failure for guidance section related RF failures on serial number CB02631. Raytheon confirmed a BIT failure and isolated it to the guidance section as well as a damaged rear data link antenna. Guidance section and antenna were removed and replaced serial number CB02857.

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 21AUG01

  

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		USS EISENHOWER (CVN-69) MESSAGE 211300ZJUN01	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 260029ZJUN01	INTERIM RESPONSE
		RAYTHEON AMRS 21AUG01	DEPOT REPAIR DATA