

AIRBORNE MISSILE LAUNCHER (LAU-115) ACTIVE
 AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

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

30-NOV-01

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PROBLEM NO: 11369 CLOSED

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
	LAUNCHER	427HN0100	1440	01-459-3607	
	MISSILE LAUNCHER	74A730351-1003	1440	01-125-8941	
	MISSILE LAUNCHER	74A730351-1011	1440	01-272-8002	
	LAUNCHER	74A730351-1013	1440	01-380-9485	
	MISSILE LAUNCHER	74G730351-1015	9999	99-999-9999	

EI CNTRL NO:

PROB BRIEF : LAU-115; LAUNCHER FAILED END-TO-END TESTING

PROBLEM : During release and control checks, launcher failed end-to-end test.
DESCRIPTION

PREVENTIVE : A retainer was developed and is being incorporated during
ACTION modification and rework of the launcher.

CORRECTIVE : Return the suspect LAU-115 launcher to the local "I" level repair
ACTION activity for appropriate repair and continue to report the failures to the CFA for tracking purposes.

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VFA-137	CODR	V55142-00-0046	30DEC00	CLOSED
	USS INDEPENDENCE (CV-62)	EIR	V03362-97-0011	20MAR97	CLOSED *
	VFA-146	CODR	R09063-95-0043	27NOV95	CLOSED *
	VMFA-134	CODR/EIR	M09365-95-0026	08SEP95	CLOSED *
	VFA-15	CODR	V09015-94-0050	26OCT94	CLOSED *
	VFA-195	EMR	R09706-87-0044	01MAY87	CLOSED *
	VFA-151	EMR	R09558-87-0026	26APR87	CLOSED *

* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : VFA-137 CODR V55142-00-0046 30DEC00 CLOSED

END ITEM	PART/DOC. NO.	FSC	NIIN	NALC
	427HN0100	1440	01-459-3607	
	NOMEN: LAUNCHER			
	S/N: QXC412			
FAILED PART:	427HN0100	1440	01-459-3607	
	NOMEN: LAUNCHER			

DESCRIPTION:

Launcher failed the forward rail tolerance test and check for the 210 day inspection. CFA response not required. The launcher was turned into NAS Lemoore AIMD

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PROBLEM NO: 11369

(Continued)

ACTION TAKEN:

13JAN01: During review of the reported incident, RTSC Indianapolis concurred with the submittal of the deficiency report for tracking purposes only. Repair launcher as required. VFA-137's participation in AWCAP is greatly appreciated. Closing action.

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY		RTSC INDIANAPOLIS	CLOSE PROBLEM		COMPLETE 13JAN01

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
		VFA-137 MESSAGE 300503ZDEC00	PROBLEM REPORTED
		RTSC INDIANAPOLIS/CNPCOO CFA REVIEW	PROBLEM CLOSING
		13JAN01	

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PROBLEM NO: 15805

CLOSED

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
:	LAUNCHER	427HN0100	1440	01-459-3607	
	MISSILE LAUNCHER	74A730351-1003	1440	01-125-8941	
	MISSILE LAUNCHER	74A730351-1007	1440	01-156-3636	
	MISSILE LAUNCHER	74A730351-1011	1440	01-272-8002	
	LAUNCHER	74A730351-1013	1440	01-380-9485	
	MISSILE LAUNCHER	74G730351-1015	9999	99-999-9999	

EI CNTRL NO:

PROB BRIEF : LAU-115; UMBILICAL RECEPTACLE DAMAGED

PROBLEM : Visual inspection revealed dented umbilical receptacle housing.
DESCRIPTION

PREVENTIVE : None determined.
ACTION

CORRECTIVE : Return damaged launcher to local repair activity.
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VFA-195	CODR	R09706-01-0017	06APR01	CLOSED
	VFA-82	CODR	V09122-97-0025	15JUN97	CLOSED *
	VFA-137	CODR	V55142-96-0067	16DEC96	CLOSED *
	VFA-137	CODR	V55142-96-0068	16DEC96	CLOSED *
	VFA-86	CODR	V09943-96-0047	05NOV96	CLOSED *
	VFA-82	CODR	V09122-96-0050	22AUG96	CLOSED *
	VFA-86	CODR	V09943-96-0018	17APR96	CLOSED *
	VFA-15	CODR	V09015-96-0002	16JAN96	CLOSED *
	VFA-146	CODR	R09063-95-0046	08NOV95	CLOSED *
	VFA-82	CODR	V09122-95-0067	18OCT95	CLOSED *
	VFA-82	CODR	V09122-95-0059	25SEP95	CLOSED *
	VFA-82	CODR	V09122-95-0052	05SEP95	CLOSED *
	VFA-82	CODR	V09122-95-0053	05SEP95	CLOSED *
	VFA-137	CODR	V55142-95-0061	10AUG95	CLOSED *
	NAWC CHINA LAKE	CODR/EIR	N60530-95-0108	24JUL95	CLOSED *
	NAS LEMOORE	CODR	N63042-95-0086	02JUN95	CLOSED *
	VFA-82	CODR	V09122-95-0028	28APR95	CLOSED *
	VFA-87	CODR	V63922-95-0021	03MAR95	CLOSED *
	NAS LEMOORE	CODR	N63042-94-0004	01DEC94	CLOSED *
	NAS CECIL FIELD	CODR/EIR	N60200-94-0650	21SEP94	CLOSED *
	NAS CECIL FIELD	CODR	N60200-94-0629	06SEP94	CLOSED *
	NAS CECIL FIELD	CODR	N60200-94-0627	29AUG94	CLOSED *
	NAS CECIL FIELD	CODR	N60200-94-0625	26AUG94	CLOSED *

* ACTION REPORTED IN PREVIOUS PUBLICATION

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PROBLEM NO: 15805

(Continued)

SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
VFA-147	CODR	R63925-94-0030	11AUG94	CLOSED *
VFA-22	CODR/EIR	R09561-94-0034	11AUG94	CLOSED *

* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : VFA-195 CODR R09706-01-0017 06APR01 CLOSED

END ITEM	PART/DOC. NO.	FSC	NIIN	NALC
:	427HN0100	1440	01-459-3607	
	NOMEN: LAUNCHER			
	S/N: UNKNOWN			
FAILED PART:	74A756235-9FCA	6150	01-367-8745	
	NOMEN: CABLE ASSY, SPECIAL			
	S/N: 428V500			

DESCRIPTION:

During engine turn up, the pilot reported no identification on CATM-7M station eight. The ground crew performed normal troubleshooting procedures and replaced the LAU-115C/A umbilical cable with a Ready For Issue cable and had same results. The missile was then downloaded. During the download procedures, the ground crew discovered that the connector 61P-W095B and the aft LAU-115C/A launcher receptacle were scorched. The weapon umbilical receptacle was inspected and no damage was discovered. The aircraft was release checked with no discrepancies noted. The launcher and umbilical cable were turned in to the USS Kitty Hawk AIMD for repair. No CFA response was required.

ACTION TAKEN:

16APR01: During review of the reported incident, RTSC Indianapolis concurred with the submittal of the deficiency report for tracking purposes only. Repair launcher as required. VFA-195's participation in AWCAP is greatly appreciated. Closing action.

ACTION	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	RTSC INDIANAPOLIS	CLOSE PROBLEM		COMPLETE 16APR01

REFERENCES	IDENTIFICATION	REFERENCE BRIEF
	VFA-195 MESSAGE 061200ZAPR01	PROBLEM REPORTED
	RTSC INDIANAPOLIS/CNPCOO CFA REVIEW 16APR01	PROBLEM CLOSING

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PROBLEM NO: 16046 CLOSED

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
	LAUNCHER	427HN0100	1440	01-459-3607	
	MISSILE LAUNCHER	74A730351-1011	1440	01-272-8002	
	LAUNCHER	74A730351-1013	1440	01-380-9485	
	MISSILE LAUNCHER	74G730351-1015	9999	99-999-9999	

EI CNTRL NO:

PROB BRIEF : LAU-115; AFT RESTRAINT INDICATOR BROKEN

PROBLEM : Visual inspection revealed the aft restraint indicator broken.
DESCRIPTION

PREVENTIVE : None required.
ACTION

CORRECTIVE : The problem cause, preventive or corrective actions could not be
ACTION determined.

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VMFA-232	HMR	M09242-01-0018	24AUG01	CLOSED
	VFA-192	CODR	R09076-00-0029	28DEC00	CLOSED
	VFA-146	CODR	R09063-97-0020	19JUL97	CLOSED *
	VFA-87	CODR/EIR	V63922-96-0022	20SEP96	CLOSED *
	VFA-94	CODR	R09295-96-0036	13SEP96	CLOSED *
	NWTS CHINA LAKE	CODR	N39787-96-0025	19JUN96	CLOSED *
	NWTS CHINA LAKE	CODR	N39787-96-0114	17JUN96	CLOSED *
	NWTS CHINA LAKE	CODR	N39787-96-0115	17JUN96	CLOSED *
	VFA-94	CODR	R09295-96-0015	07MAY96	CLOSED *
	VFA-113	CODR	R09092-96-0010	17APR96	CLOSED *
	VFA-15	CODR	V09015-96-0016	08APR96	CLOSED *
	VFA-27	CODR	R65185-96-0018	08APR96	CLOSED *
	VFA-15	CODR	V09015-96-0003	16JAN96	CLOSED *
	NAWC CHINA LAKE	CODR	N60530-95-0023	16NOV95	CLOSED *
	VFA-22	CODR	R09561-95-0085	23OCT95	CLOSED *

* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : VMFA-232 HMR M09242-01-0018 24AUG01 CLOSED

END ITEM	PART/DOC. NO.	FSC	NIIN	NALC
	427HN0100	1440	01-459-3607	
	NOMEN: LAUNCHER			
	S/N: SAZ-765			
SUB-ASSY	74A733567-2007	1440	01-381-6380	
	NOMEN: LAUNCHER SUB-ASSEMBLY			
FAILED PART:	74A733610-1003	1440	01-150-6534	
	NOMEN: INDICATOR, AFT RESTRAINT			

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PROBLEM NO: 16046

(Continued)

DESCRIPTION:

Upon recovery of the LAU-115C/A launcher, it was discovered during postflight inspection that the aft restraint indicator was broken and missing parts. Turned in to AIMD for repair. No FST action required.

ACTION TAKEN:

06SEP01: EI request declined due to low risk and insufficient cost benefit. Originator's report indicates no action required. RTSC Indianapolis recommends to induct launcher into I-level maintenance for replacement of parts and return to service. Repair launcher as required. VMFA-232's participation in AWCAP is greatly appreciated. Closing action.

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY		RTSC INDIANAPOLIS	CLOSE PROBLEM		COMPLETE 06SEP01

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
		VMFA-232 MESSAGE 240044ZAUG01	PROBLEM REPORTED
		RTSC INDIANAPOLIS/CNPCOO MESSAGE	PROBLEM CLOSING
		061733ZSEP01	

ACTION	:	VFA-192	CODR	R09076-00-0029	28DEC00	CLOSED
		PART/DOC. NO.		FSC	NIIN	NALC
END ITEM	:	74A730351-1013		1440	01-380-9485	
		NOMEN: LAUNCHER				
		S/N: SQW-984				
FAILED PART:		74A733610-1003		1440	01-150-6534	
		NOMEN: INDICATOR, AFT RESTRAINT				

DESCRIPTION:

While performing an inspection of the LAU-115C/A launcher, the technicians discovered that the indicator's latch was missing and the top forward portion of the aft restraint indicator was broken. This message was submitted for tracking purposes only. No CFA response was required. The launcher was turned in to the USS Kitty Hawk AIMD.

ACTION TAKEN:

12JAN01: During review of the reported incident, RTSC Indianapolis concurred with the submittal of the deficiency report for tracking purposes only. Repair launcher as required. VFA-192's participation in AWCAP is greatly appreciated. Closing action.

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY		RTSC INDIANAPOLIS	CLOSE PROBLEM		COMPLETE 12JAN01

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PROBLEM NO: 16046

(Continued) |

REFERENCES : IDENTIFICATION

VFA-192 MESSAGE 281400ZDEC00
RTSC INDIANAPOLIS/CNPCCO CFA REVIEW
12JAN01

REFERENCE BRIEF

PROBLEM REPORTED
PROBLEM CLOSING

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AIRBORNE MISSILE LAUNCHER (LAU-115) ACTIVE
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PROBLEM NO: 17007 CLOSED

END ITEM : NOMENCLATURE PART/DOC. NO. FSC NIIN NALC
LAUNCHER 427HN0100 1440 01-459-3607

EI CNTRL NO:

PROB BRIEF : LAU-115; LAUNCHER JETTISONED FROM AIRCRAFT

PROBLEM : Due to aircraft/missile related malfunction, launcher was jettisoned
DESCRIPTION from aircraft.

PREVENTIVE : None Determined.
ACTION

CORRECTIVE : None Determined.
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	CARAIROWING-17	CODR	V09745-01-0001A	27JUN01	CLOSED
	CARAIROWING-17	CODR	V09745-01-0002A	27JUN01	CLOSED

ACTION : CARAIROWING-17 CODR V09745-01-0001A 27JUN01 CLOSED

END ITEM :	PART/DOC. NO.	FSC	NIIN	NALC
	427HN0100	1440	01-459-3607	
NOMEN: LAUNCHER				
S/N: UNKNOWN				
FAILED PART:	427HN0100	1440	01-459-3607	
NOMEN: LAUNCHER				

DESCRIPTION:

The missile was loaded on station three. The LAU-115 and was to be fired during a scheduled missile firing exercise. The aircrew attempted to fire the missile, and the missile failed to launch. Safety observer was joined on port side of mishap aircraft and observed the flame plume emitting from the exhaust nozzle of the missile for approximately 15 seconds. The safety observer issued a jettison command. The missile and LAU-115 were successfully jettisoned. The occurrence of this malfunction was observed by this air wing.

ACTION TAKEN:

28JUN01: During review of the reported incident, RTSC Indianapolis concurred with the submittal of the deficiency report for tracking purposes only. Repair launcher as required. CARAIROWING-17's participation in AWCAP is greatly appreciated. Closing action.

ACTION SUMMARY	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
	RTSC INDIANAPOLIS	CLOSE PROBLEM		COMPLETE 28JUN01

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AIRBORNE MISSILE LAUNCHER (LAU-115) ACTIVE
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PROBLEM NO: 17007

(Continued)

REFERENCES :	IDENTIFICATION	REFERENCE BRIEF
	CARAIROWING-17 MESSAGE 270739ZJUN01	PROBLEM REPORTED
	RTSC INDIANAPOLIS/CNPCOO CFA REVIEW	PROBLEM CLOSING
	28JUN01	

ACTION : CARAIROWING-17 **CODR** **V09745-01-0002A** **27JUN01 CLOSED**

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	427HN0100	1440	01-459-3607	
	NOMEN: LAUNCHER			
	S/N: UNKNOWN			
FAILED PART:	427HN0100	1440	01-459-3607	
	NOMEN: LAUNCHER			

DESCRIPTION:

The missile was loaded on station three. The LAU-155 and was to be fired during a scheduled missile firing exercise. The aircrew attempted to fire the missile, and the missile failed to launch. Safety observer was joined on port side of mishap aircraft and observed the flame plume emitting from the exhaust nozzle of the missile for approximately 15 seconds. The safety observer issued a jettison command. The missile and LAU-115 were successfully jettisoned. The occurrence of this malfunction was observed by this air wing.

ACTION TAKEN:

28JUN01: During review of the reported incident, RTSC Indianapolis concurred with the submittal of the deficiency report for tracking purposes only. Repair launcher as required. CARAIROWING-17's participation in AWCAP is greatly appreciated. Closing action.

ACTION :	ACTIVITY/CODE	ASSIGNMENT	DUE DATE STATUS
SUMMARY	RTSC	CLOSE PROBLEM	COMPLETE 28JUN01
	INDIANAPOLIS/CNPCOO		

REFERENCES :	IDENTIFICATION	REFERENCE BRIEF
	CARAIROWING-17 MESSAGE 270939ZJUN01	PROBLEM REPORTED
	RTSC INDIANAPOLIS/CNPCOO CFA REVIEW	PROBLEM CLOSING
	28JUN01	

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AIRBORNE MISSILE LAUNCHER (LAU-115) ACTIVE
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PROBLEM NO: 17011 OPEN

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	LAUNCHER, GUIDED MISSILE	74A730351-1021	1440	01-474-4746	

EI CNTRL NO:

PROB BRIEF : LAU-115; EXCESSIVE WEAR ON LAUNCHER RAIL

PROBLEM : Missile rail worn beyond limits.
DESCRIPTION

PREVENTIVE : Not determined.
ACTION

CORRECTIVE : None determined.
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	NAS LEMOORE AIMD	CODR	N44321-01-0093	18JUN01	OPEN
ACTION :	NAS LEMOORE AIMD	CODR	N44321-01-0093	18JUN01	OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	74A730351-1021	1440	01-474-4746	
	NOMEN: LAUNCHER, GUIDED MISSILE			
	S/N: TAC1153			
FAILED PART:	74A733610-1003	1440	01-150-6534	
	NOMEN: INDICATOR, AFT RESTRAINT			

DESCRIPTION:

During the 210 day inspection of LAU-115D/A missile launcher, the technicians discovered the aft missile restraint rail worn beyond 0.030 of an inch. The missile flight time is unknown. CFA response was required. The exhibit is being held for 30 days at NAS Lemoore AIMD.

ACTION TAKEN:

10JUL01: Ship launcher to RTSC Indianapolis for thorough rail inspection. CFA will inspect the rail and make further determination upon receipt and respond via naval message.

ACTION	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	RTSC INDIANAPOLIS	INVESTIGATE	20SEP01	OPEN

REFERENCES :	IDENTIFICATION	REFERENCE BRIEF
	CSFWP DET LEMOORE MESSAGE 180107ZJUN01	PROBLEM REPORTED
	RTSC INDIANAPOLIS/CNPCOO MESSAGE	PRELIMINARY RESPONSE
	100644ZJUL01	