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<u>16940</u> *	LAU-116; MISSILE SEPARATED FROM LAUNCHER DURING ARRESTED LANDING.	1

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

30-NOV-01

AIRBORNE MISSILE LAUNCHER (LAU-116) ACTIVE
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16940 OPEN

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	LAUNCHER, GUIDED MISSILE	139046-6	1440	01-382-1477	

EI CNTRL NO: 01-0008

PROB BRIEF : LAU-116; MISSILE SEPARATED FROM LAUNCHER DURING ARRESTED LANDING.

PROBLEM : During arrested landing AIM-120 missile separated from LAU-116A/A
DESCRIPTION launcher.

PREVENTIVE : None determined.
ACTION

CORRECTIVE : None Determined.
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	VMFA-323	EMR/EIR	M09235-01-0015A	07MAY01	OPEN

ACTION :	VMFA-323	EMR/EIR	M09235-01-0015A	07MAY01	OPEN
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	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	139046-6	1440	01-382-1477	
	NOMEN: LAUNCHER, GUIDED MISSILE			
	S/N: UNKNOWN			
FAILED PART:	139046-6	1440	01-382-1477	
	NOMEN: LAUNCHER, GUIDED MISSILE			

DESCRIPTION:

AIM-120B missile loaded four flights prior to incident. On all four flights aircrew reported no intent to launch and no abnormal indications. On carrier recovery of fourth flight the AIM-120B departed station 6 LAU-116A/A and lodged it's wings into the adjacent FPU-8/A fuel tank on station 7. Upon inspection of launcher the front hook was noted in open/release position while safing indicator displayed green/locked position and aft detent was extended in locked position with aft lock trigger closed in 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 lock 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. Engineering investigation requested for LAU-116A/A missile launcher. Suspected cause: Material failure; slave piston rod backed out of block. Launcher failure of forward hook/lock mechanism; unlocked with locked indication. Recommend procedures at intermediate level maintenance include application of thread sealer to end of slave piston on 210-day inspections.

30-NOV-01

AIRBORNE MISSILE LAUNCHER (LAU-116) ACTIVE
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16940

(Continued)

ACTION TAKEN:

10MAY01: Ship subject launcher, buffer, and EHR card to RTSC Indianapolis for engineering investigation. All concerned will be notified upon completion of investigation.

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY		RTSC INDIANAPOLIS/CNPCOO	INVESTIGATE	07AUG01	OPEN

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
		VMFA-323 MESSAGE 071501ZMAY01	REPORTED PROBLEM
		RTSC INDIANAPOLIS/CNPCOO MESSAGE	INITIAL RESPONSE
		101445ZMAY01	