

BOMB RACKS ACTIVE (HANDLING DAMAGE)
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: 15757

CLOSED

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
:	RACK, BOMB EJECTOR (IMER)	1348AS100	1095	01-257-1968	
	RACK, BOMB EJECTOR (ITER)	1348AS500	1095	01-257-1967	
	BOMB EJECTOR RACK	1534AS5000	1095	01-300-1671	
	RACK, BOMB EJECTOR (MER)	291AS100-201	1095	01-053-7225	
	RACK, BOMB EJECTOR	J013400-525	1095	01-278-9395	
	BOMB RACK EJECTOR	J013400-527	1095	01-324-8752	
	RACK, BOMB EJECTOR	J013400-531	1095	01-300-1671	
	RACK, BOMB EJECTOR	J014000-501	1095	01-125-8944	
	BOMB RACK EJECTOR	J014000-541	1095	01-363-8662	

EI CNTRL NO:

PROB BRIEF : DAMAGED DUE TO IMPROPER HANDLING

PROBLEM : During handling/maintenance of bomb racks, improper
DESCRIPTION handling/inspection procedures caused damage to the rack.

PREVENTIVE : Strict adherence to all approved safety, handling and maintenance
ACTION procedures will preclude future occurrences of this type.

CORRECTIVE : Return suspect bomb rack to local authorized repair activity for
ACTION appropriate repair action.

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VFA-125	CODR	R09485-01-0013	19MAR01	CLOSED
	VFA-146	CODR	R09063-01-0004	13MAR01	CLOSED
	VMFA-232	CODR	M09242-01-0006	28FEB01	CLOSED
	NSATS PAX RIVER	CODR	N39783-01-0014	21FEB01	CLOSED
	VFA-122	CODR	R09355-00-0005	13FEB01	CLOSED
	VFA-147	CODR	R63925-01-0001	17JAN01	CLOSED
	VFA-81	CODR	V09221-00-0017	12MAY00	CLOSED *
	VFA-106	CODR	V09679-98-0068	19OCT98	CLOSED *
	VFA-82	CODR	V09122-98-0035	19OCT98	CLOSED *
	VMFA-142	CODR	M08966-98-0005	08MAY98	CLOSED *
	VMFA(AW)-225	CODR	M09232-98-0006	25FEB98	CLOSED *
	NWTS PT MUGU	CODR	N39788-98-0006	05FEB98	CLOSED *
	VMFA-112	CODR	M08954-97-0032	08OCT97	CLOSED *
	VFA-125	CODR	R09485-97-0067	24JUN97	CLOSED *
	VFA-125	CODR	R09485-97-0057	14MAY97	CLOSED *
	VS-32	CODR	V09353-97-0005	13MAR97	CLOSED *
	VMA-214	CODR	M09436-96-0026	29AUG96	CLOSED *
	USS NIMITZ (CVN-68)	CODR	R03368-96-0012	13JUN96	CLOSED *
	VFA-81	CODR	V09221-96-0015	23APR96	CLOSED *
	VFA-25	CODR	R09637-96-0019	26MAR96	CLOSED *

* ACTION REPORTED IN PREVIOUS PUBLICATION

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PROBLEM NO: 15757 (Continued)

SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
VFA-125	CODR	R09485-96-0021	26FEB96	CLOSED *
VFA-27	CODR	R65185-96-0005	26FEB96	CLOSED *
VFA-37	CODR	V09478-96-0018	14FEB96	CLOSED *
VS-24	CODR	V09629-96-0001	31JAN96	CLOSED *
VFA-37	CODR	V09478-95-0034	30AUG95	CLOSED *
VFA-106	CODR	V09679-95-0823	30JUN95	CLOSED *
VFA-146	CODR	R09063-95-0015	18MAY95	CLOSED *
VFA-146	CODR	R09063-95-0016	18MAY95	CLOSED *
VFA-146	CODR	R09063-95-0017	18MAY95	CLOSED *
VFA-146	CODR	R09063-95-0018	18MAY95	CLOSED *
VFA-146	CODR	R09063-95-0019	18MAY95	CLOSED *
VFA-146	CODR	R09063-95-0020	18MAY95	CLOSED *
VFA-146	CODR	R09063-95-0021	18MAY95	CLOSED *
VFA-146	CODR	R09063-95-0022	18MAY95	CLOSED *
VFA-106	CODR	V09679-95-0804	24JAN95	CLOSED *
VFA-203	CODR	V09030-94-0030	12AUG94	CLOSED *
VFA-203	CODR	V09030-94-0029	10AUG94	CLOSED *
VFA-203	CODR	V09030-94-0031	10AUG94	CLOSED *
VFA-27	CODR/EIR	R65185-94-0008	22FEB94	CLOSED *

*** ACTION REPORTED IN PREVIOUS PUBLICATION**

ACTION :	VFA-125	CODR	R09485-01-0013	19MAR01	CLOSED	
		PART/DOC. NO.		FSC	NIIN	NALC
END ITEM :		1534AS5000		1095	01-300-1671	
		NOMEN:	BOMB EJECTOR RACK			
		S/N:	UNK			
FAILED PART:		1534AS5000		1095	01-300-1671	
		NOMEN:	BOMB EJECTOR RACK			

DESCRIPTION:

During removal of a BRU-32 from an SUU-63, the technicians unintentionally dropped the BRU-32 damaging the connector fairing. The bomb rack was then turned over to NAS Lemoore AIMD for repair. It was determined that attention to detail would have prevented the incident. The message was submitted for tracking purposes. CFA response was not requested.

ACTION TAKEN:

30APR01: During the review of the reported incident, RTSC Indianapolis concurred with this report being submitted for tracking purposes only. The damage was caused by failure to human error and inattention to detail. VFA-125's participation in AWCAP is greatly appreciated. Closing action.

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PROBLEM NO: 15757

(Continued)

ACTION :	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	RTSC INDIANAPOLIS/CNPCOO	CLOSE PROBLEM		COMPLETE 30MAR01

REFERENCES :	IDENTIFICATION	REFERENCE BRIEF
	VFA-125 MESSAGE 192230ZMAR01	REPORTED PROBLEM
	RTSC INDIANAPOLIS/CNPCOO CFA REVIEW 30MAR01	PROBLEM CLOSING

ACTION :	VFA-146	CODR	R09063-01-0004	13MAR01	CLOSED
END ITEM :	PART/DOC. NO.	FSC	NIIN	NALC	
	J013400-527	1095	01-324-8752		
	NOMEN: BOMB RACK EJECTOR				
	S/N: UNK				
FAILED PART:	J013400-527	1095	01-324-8752		
	NOMEN: BOMB RACK EJECTOR				

DESCRIPTION:

During a 210 day inspection, a ready for issue BRU-32 was taken from the hangar bay pool to replace a due for inspection bomb rack. Upon transit to the aircraft the individual carrying the BRU-32 tripped on the electrical fledge line and dropped the bomb rack breaking an electrical connector and a fairing. Inadequate lighting and human error contributed to the handling induced damage. It was recommended that maintenance technicians need to be aware of their surroundings and use a spotter with a flashlight to ensure a clear path during hand carry. CFA response was not required.

ACTION TAKEN:

15MAR01: During the review of the reported incident, RTSC Indianapolis concurred with this report being submitted for tracking purposes only. The damage was caused by human error and failure to ensure proper visibility during handling. VFA-146's participation in AWCAP is greatly appreciated. Closing action.

ACTION :	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	RTSC INDIANAPOLIS/CNPCOO	CLOSE PROBLEM		COMPLETE 15MAR01

REFERENCES :	IDENTIFICATION	REFERENCE BRIEF
	VFA-146 MESSAGE 131600ZMAR01	PROBLEM REPORTED
	RTSC INDIANAPOLIS/CNPCOO CFA REVIEW 15MAR01	PROBLEM CLOSING

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BOMB RACKS ACTIVE (HANDLING DAMAGE)
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PROBLEM NO: 15757 (Continued)

ACTION : VMFA-232 CODR M09242-01-0006 28FEB01 CLOSED |

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	1534AS5000	1095	01-300-1671	
	NOMEN: BOMB EJECTOR RACK			
	S/N: UNK			
FAILED PART:	1534AS5000	1095	01-300-1671	
	NOMEN: BOMB EJECTOR RACK			

DESCRIPTION:

After removing the pylon bolts on a BRU-32, the bomb rack was dropped causing cracking and bending of the protective collar around the forward umbilical disconnects. The damage was attributed to human error and inadequate planning. It was recommended that during future actions it should be ensured that prior to the removal of mounting bolts personnel are ready and prepared to receive the shift in weight from the BRU-32 separation from the pylon. CFA response was not requested.

ACTION TAKEN:

02MAR01: During the review of the reported incident, RTSC Indianapolis concurred with this report being submitted for tracking purposes only. The damage was caused by human error and inattention to detail. VMFA-232's participation in AWCAP is greatly appreciated. Closing action.

ACTION	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	RTSC	CLOSE PROBLEM		COMPLETE 02MAR01
	INDIANAPOLIS/CNPCOO			

REFERENCES	IDENTIFICATION	REFERENCE BRIEF
	VMFA-232 MESSAGE 280205ZFEB01	PROBLEM REPORTED
	RTSC INDIANAPOLIS/CNPCOO CFA REVIEW	PROBLEM CLOSING
	02MAR01	

ACTION : NSATS PAX RIVER CODR N39783-01-0014 21FEB01 CLOSED |

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	1534AS5000	1095	01-300-1671	
	NOMEN: BOMB EJECTOR RACK			
	S/N: UNK			
FAILED PART:	1534AS5000	1095	01-300-1671	
	NOMEN: BOMB EJECTOR RACK			

DESCRIPTION:

During an on load, a BRU-32 slid down the conveyor belt and impacted the deck breaking the guard assembly, the connector protection, and connector 61P-W097E. Inappropriate handling and improper packaging

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PROBLEM NO: 15757

(Continued)

for shipment contributed to the incident. The bomb rack was turned over to NAS Patuxent River AIMD for repair and return to ready for issue status. CFA response was not requested.

ACTION TAKEN:

02MAR01: During the review of the reported incident, RTSC Indianapolis concurred with this report being submitted for tracking purposes only. The damage was caused by faulty handling and packaging. NSATS Pax River's participation in AWCAP is greatly appreciated. Closing action.

ACTION SUMMARY	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
		RTSC INDIANAPOLIS/CNPCOO	CLOSE PROBLEM		COMPLETE 02MAR01

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
		NSATS PAX RIVER MESSAGE 210001ZFEB01 RTSC INDIANAPOLIS/CNPCOO CFA REVIEW 02MAR01	PROBLEM REPORTED PROBLEM CLOSING

ACTION	:	VFA-122	CDR	R09355-00-0005	13FEB01	CLOSED
END ITEM	:	PART/DOC. NO.	FSC	NIIN	NALC	
		1348AS100 NOMEN: RACK, BOMB EJECTOR (IMER) S/N: JXM-0740	1095	01-257-1968		
FAILED PART:		1348AS100 NOMEN: RACK, BOMB EJECTOR (IMER)	1095	01-257-1968		

DESCRIPTION:

The forward fairing of a BRU-41/A was damaged during aircraft configuration when a crew member lost his footing and dropped the bomb rack. CFA response was not required.

ACTION TAKEN:

28FEB01: During the review of the incident, RTSC Indianapolis concurred with the submittal of the deficiency report for tracking purposes only. VFA-122's participation in AWCAP is greatly appreciated. Closing action.

ACTION SUMMARY	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
		RTSC INDIANAPOLIS/CNPCOO	CLOSE PROBLEM		COMPLETE 28FEB01

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
		VFA-122 MESSAGE 130330ZFEB01 RTSC INDIANAPOLIS/CNPCOO CFA REVIEW 28FEB01	REPORTED PROBLEM PROBLEM CLOSING

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BOMB RACKS ACTIVE (HANDLING DAMAGE)
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PROBLEM NO: 15757

(Continued)

ACTION : VFA-147 CODR R63925-01-0001 17JAN01 CLOSED |

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	1348AS100	1095	01-257-1968	
	NOMEN: RACK, BOMB EJECTOR (IMER)			
	S/N: UNK			
FAILED PART:	1348AS105	1095	01-366-9418	
	NOMEN: FAIRING, BOMB RACK			

DESCRIPTION:

During inspection, a crack was noted in the forward fairing of a BRU-41/A. It is suspected that the damage occurred during handling and/or stowage. The BRU-41/A was turned over to NAS Lemoore AIMD for repair. CFA response was not requested. |

ACTION TAKEN:

19JAN01: During the review of the incident, RTSC Indianapolis concurred with the submittal of the deficiency report for tracking purposes only. VFA-147's participation in AWCAP is greatly appreciated. Closing action. |

ACTION :	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	RTSC	CLOSE PROBLEM		COMPLETE 19JAN01
	INDIANAPOLIS/CNPCOO			

REFERENCES :	IDENTIFICATION	REFERENCE BRIEF
	VFA-147 MESSAGE 170811ZJAN01	PROBLEM REPORTED
	RTSC INDIANAPOLIS/CNPCOO CFA REVIEW	PROBLEM CLOSING
	19JAN01	

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BOMB RACKS ACTIVE (HANDLING DAMAGE)
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PROBLEM NO: 16356 CLOSURE DATE: 11/30/01

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
	RACK, BOMB EJECTOR (IMER)	1348AS100	1095	01-257-1968	
	RACK, BOMB EJECTOR (ITER)	1348AS500	1095	01-257-1967	
	BOMB EJECTOR RACK	1534AS5000	1095	01-300-1671	
	ADAPTER, WEAPONS RAIL	3114AS500	9999	99-999-9999	
	RACK, BOMB EJECTOR	417AS200	1095	01-224-7399	
	BOMB RACK EJECTOR	549AS400-1	1095	01-320-5988	
	RACK, BOMB, AIRCRAFT	55A44R101	1095	00-946-2456	
	RACK, BOMB EJECTOR	J013400-521	1095	01-186-7881	

EI CNTRL NO:

PROB BRIEF : DAMAGED DUE TO IMPROPER/FAULTY MAINTENANCE

PROBLEM : During scheduled maintenance, bomb rack sustained damage.
DESCRIPTION

PREVENTIVE : Ensure strict adherence to authorized procedure as specified in the
ACTION appropriate technical manuals.

CORRECTIVE : Return the damaged bomb rack to local "I" level repair activity and
ACTION submit a deficiency report to the Cognizant Field Activity marked "For Tracking Purposes Only".

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	VFA-22	CODR	R09561-01-0001	29JAN01	CLOSED
	VFA-113	CODR	R09092-00-0029	02NOV00	CLOSED
	NSATS PAX RIVER	CODR	N39783-98-0095	06JUL98	CLOSED *
	VMA-214	CODR	M09436-97-0015	07AUG97	CLOSED *
	HS-5	CODR	M09488-97-0014	15JUN97	CLOSED *
	HS-5	CODR	M09488-97-0015	15JUN97	CLOSED *
	VFA-125	CODR	R09485-97-0019	07MAR97	CLOSED *
	VMAQ-4	CODR	M67837-96-0001	18JAN96	CLOSED *
	VFA-125	CODR	R09485-95-0061	11SEP95	CLOSED *
	MAG-42 DET A	CODR	M67243-95-0022	25AUG95	CLOSED *
	VP-66	CODR	N09174-95-0003	24JAN95	CLOSED *

* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : VFA-22 CODR R09561-01-0001 29JAN01 CLOSED

END ITEM	PART/DOC. NO.	FSC	NIIN	NALC
	1348AS100	1095	01-257-1968	
	NOMEN: RACK, BOMB EJECTOR (IMER)			
	S/N: JXM0876			
FAILED PART:	1348AS100	1095	01-257-1968	
	NOMEN: RACK, BOMB EJECTOR (IMER)			

**BOMB RACKS ACTIVE (HANDLING DAMAGE)
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM**

PROBLEM NO: 16356 (Continued)

DESCRIPTION:

During cleaning and routine maintenance of a BRU-41 it was noted that the aft MAC 79 assembly cover was broken. CFA response was not requested.

ACTION TAKEN:

02FEB01: During the review of the incident, RTSC Indianapolis concurred with the submittal of the deficiency report for tracking purposes only. VFA-22's participation in AWCAP is greatly appreciated. Closing action.

ACTION SUMMARY	:	ACTIVITY/CODE RTSC INDIANAPOLIS/CNPCCO	ASSIGNMENT CLOSE PROBLEM	DUE DATE STATUS COMPLETE 02FEB01
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REFERENCES	:	IDENTIFICATION VFA-22 MESSAGE 291500ZJAN01 RTSC INDIANAPOLIS/CNPCCO CFA REVIEW 02FEB01	REFERENCE BRIEF PROBLEM REPORTED PROBLEM REPORT CLOSING
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ACTION	:	VFA-113	CDR	R09092-00-0029	02NOV00	CLOSED	
		END ITEM	:	PART/DOC. NO. 1534AS5000 NOMEN: BOMB EJECTOR RACK S/N: UNK	FSC 1095	NIIN 01-300-1671	NALC
		FAILED PART:		1534AS5000 NOMEN: BOMB EJECTOR RACK	1095	01-300-1671	

DESCRIPTION:

During an aircraft post flight inspection, the ordnance crew discovered the MAU-182 swivel was missing from a BRU-32 bomb rack aft ZRF arming solenoid. This resulted in the FMU-139A/B fuze arming wire not being pulled to arm the fuze. The release and control checks conducted on the BRU-32 discovered the aft ZRF arming solenoid to be inoperable. Further investigation by the AIMD personnel discovered the BRU-32 aft ZRF arming solenoid wires broken and crushed between the frame and steel guide block assembly. Prior release and control checks were conducted three days before and indicated no anomalies. Additionally, release and control checks were performed on all ZRF solenoids on all squadron aircraft with no discrepancies noted. The BRU-32 was turned in to the USS Abraham Lincoln AIMD where it was repaired and returned to service. CFA response was not requested.

ACTION TAKEN:

06NOV00: During the review of the reported incident, RTSC Indianapolis concurred with this report being submitted for tracking

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BOMB RACKS ACTIVE (HANDLING DAMAGE)
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PROBLEM NO: 16356

(Continued)

purposes only. The problem was caused by failure to comply with established procedures. VFA-113's participation in AWCAP is greatly appreciated. Closing action.

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	:	RTSC INDIANAPOLIS/CNPCOO	CLOSE PROBLEM		COMPLETE 06NOV00

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
	:	VFA-113 MESSAGE 021501ZNOV00	PROBLEM REPORTED
	:	RTSC INDIANAPOLIS/CNPCOO CFA REVIEW 06NOV00	PROBLEM CLOSING