

01 SEP 99

SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

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PROBLEM NO 9167

OPEN

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
:	GUN, 50 CALIBER	11691500	1005	00-165-4361	
	GUN	11691500	1005	00-165-4561	
	GUN XM218	11691500	1005	01-165-4561	
	BARREL	11701204	1005	00-903-0933	
	BARREL	7265156	1005	00-726-5156	

EI CNTRL NO: 89-0482

PROB BRIEF : BARREL BURST

PROBLEM : XM218 barrels failing internally.  
DESCRIPTION

PREVENTIVE : Gauge before/after each firing, dispose of barrel after 3000 rounds.  
ACTION

CORRECTIVE : NWSW CRANE 112240Z0CT89: Interim investigation report on XM218 .50  
ACTION caliber barrels. Failure is a function of the design of the barrel as it is currently used and is possibly under a majority of operating conditions recommended in NA 11-95-13. NWSW Crane anticipates recommending substantial changes in operating procedures for the XM218. Final report and recommendations will be out on or about 30OCT89.

NAVAIR 091707ZAUG90: AAB-649 Rev A issued to update original AAB.  
NWSW CRANE 050615ZMAR93: A prototype barrel is to begin testing at NWSW Crane for the replacement of the current barrel used. The new barrel is made from 316SS with Stellite 21 lining the entire length of the bore. An effective rate of fire is 40 rounds per minute, or a 3-5 round burst every 8-10 seconds.

REFERENCES	IDENTIFICATION	REFERENCE BRIEF
:	NWSW CRANE MESSAGE 112240Z0CT89	INTERIM REPORT
	NWSW CRANE LTR 10JAN90	STATUS UPDATE
	PMTIC MESSAGE 100026ZAPR90	STATUS REQUEST

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
:	HC-5	CODR/EIR	R09823-99-0008	23MAR99	OPEN
	MALS-26	CODR	M09167-99-0005	05MAR99	CLOSED
	HMM-263	CODR	M09445-98-0013	04DEC98	CLOSED
	HMH-366	CODR	M55650-98-0009	29AUG98	CLOSED
	HMM-265	EMR	M09404-97-0019	02OCT97	CLOSED*

\* ACTION REPORTED IN PREVIOUS PUBLICATION

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HC-5	CODR/EIR	R09823-97-0022	19SEP97	CLOSED
MAG-46 DET A	CODR/EMR	M47499-97-0010	07SEP97	CLOSED
HMLA-367	EMR	M09079-96-0025	07OCT96	CLOSED
HMH-362	EMR	M09495-96-0011	28SEP96	CLOSED
HMLA-267	CODR/EMR	M09159-96-0019	07AUG96	CLOSED*
HC-3	EMR	R09822-95-0014	04MAY95	CLOSED*
HMH-466	EMR	M53998-94-0006	10MAR94	CLOSED
HMH-466	EMR	M53998-94-0007	10MAR94	CLOSED
HC-3	EMR	R09822-93-0001	06AUG93	CLOSED
HMLA-269	EMR	M08998-91-0042	07OCT91	CLOSED*
HMM-263	EMR	M09445-90-0001	12MAY90	CLOSED*
HMH-465	EIR	M53936-89-0057	16AUG89	CLOSED*
MAG-46	EMR/EIR	M09749-89-0021	14FEB89	CLOSED*
MAG-46	EMR/EIR	M09749-89-0019	02FEB89	CLOSED*
MAG-24	EMR/EIR	M09382-88-5288	17DEC88	CLOSED*
MALS-16	EMR/EIR	M09116-88-0158	17DEC88	CLOSED*
MALS-16	EMR/EIR	M09116-88-0156	14DEC88	CLOSED*
HMH-462	EMR/EIR	M09349-88-0041	22NOV88	CLOSED*
HMM-164	EMR/EIR	M09408-88-0040	19NOV88	CLOSED*
HMH-466	EMR/EIR	M53998-88-0067	18NOV88	CLOSED*
HMH-466	EMR/EIR	M53998-88-0068	18NOV88	CLOSED*
HC-11	EMR/EIR	R53920-88-0038	12SEP88	CLOSED*
HMLA-267	EMR/EIR	M09159-88-0009	18AUG88	CLOSED*
HMM-161	EMR	M09440-88-0015	26JUL88	CLOSED*
MAG-46 DET A	EMR	M67639-88-0001	14JUL88	CLOSED*
HMLA-267	EMR	M09159-88-0041	18JUN88	CLOSED*
MAG-26	EMR/QDR	M09506-88-0028	20APR88	CLOSED*
MAG-70	EMR/EIR	M67641-88-0011	03MAR88	CLOSED*
MALS-16	EMR/HMR	M09116-88-0024	21JAN88	CLOSED*
MALS-16	EMR	M09116-87-0103	19DEC87	CLOSED*
MALS-16	HMR	M09116-87-0095	11DEC87	CLOSED*
HMM-263	EMR	M09445-85-0015	17JUL85	CLOSED*
MAG-26	EMR/QDR	M09506-85-0039	14JUN85	CLOSED*
MAG-26	HMR	M09506-85-0149	30MAY85	CLOSED*
MAG-24	EMR	M09382-85-0022	04MAR85	CLOSED*
HM-16	EMR/EIR	R53828-84-0057	06SEP84	CLOSED*

**ACTION : HC-5 CODR/EIR R09823-99-0008 23MAR99 OPEN**

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	11691500	1005	00-165-4361	
	<b>NOMEN: GUN, 50 CALIBER</b>			
	<b>S/N: 15385</b>			
<b>FAILED PART:</b>	7265156	1005	00-726-5156	
	<b>NOMEN: BARREL</b>			
	<b>S/N: 1410</b>			



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ACTION : HMM-263 CODR M09445-98-0013 04DEC98 CLOSED

		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	11691500		1005	00-165-4561	
	<b>NOMEN:</b>	GUN			
	<b>S/N:</b>	1589858			
<b>FAILED PART:</b>	11691500		1005	00-165-4361	
	<b>NOMEN:</b>	GUN, 50 CALIBER			
	<b>S/N:</b>	1589858			

**DESCRIPTION:**

XM218 fired approximately 50 rounds from a new can of ammo, then weapon jammed. After jam was cleared weapon fired three rounds, with the last round exiting through the side of the barrel and jacket. Ammo lot LC104350, NALC A576.

**ACTION TAKEN:**

NAWC PT. MUGU 220229ZDEC98: Recommend barrel be BCM'd and continue gun in service. No further action will be taken. Problem will be monitored for future occurrences. This is closing action.

<b>ACTION SUMMARY :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
	NAWC PT MUGU /311200E	MONITOR		COMPLETE 22DEC98

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	HMM-263 MESSAGE 040602ZDEC98	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 220229ZDEC98	REPLY/CLOSING

ACTION : HMM-366 CODR M55650-98-0009 29AUG98 CLOSED

		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	11691500		1005	01-165-4561	
	<b>NOMEN:</b>	GUN XM218			
	<b>S/N:</b>	453349			
<b>FAILED PART:</b>	7265156		1005	00-726-5156	
	<b>NOMEN:</b>	BARREL			
	<b>S/N:</b>	453349			

**DESCRIPTION:**

.50 caliber round exited through side of gun barrel and barrel jacket.

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**ACTION TAKEN:**

NAWC PT MUGU 080429ZSEP98: Request NSWC Crane take for action and provide investigation results to all concerned upon completion.  
NSWC CRANE 141725ZSEP98: Request ship discrepant XM218 .50 CAL machine gun to NSWC Crane, ensure all required evidence is enclosed with weapon. Requisition replacement weapon.  
NSWC CRANE 111734ZJAN99: NSWC Crane requests closure due to exhibit is not available.

**ACTION :** **ACTIVITY/CODE**                      **ASSIGNMENT**                      **DUE DATE STATUS**  
**SUMMARY**                      NSWC CRANE                      INVESTIGATE                      COMPLETE 11JAN99

**REFERENCES :**    **IDENTIFICATION**                      **REFERENCE BRIEF**  
HMH-366 MESSAGE 290800ZAUG98                      PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE                      INTERIM RESPONSE  
080429ZSEP98  
NSWC CRANE MESSAGE 141725ZSEP98                      EXHIBIT REQUEST  
NSWC CRANE MESSAGE 111734ZJAN99                      CLOSURE REQUEST

**ACTION :**    **HC-5**                      **CODR/EIR R09823-97-0022**                      **19SEP97 CLOSED**

**END ITEM :**    **PART/DOC. NO.**                      **FSC**    **NIIN**                      **NALC**  
7265156                      1005    00-726-5156  
**NOMEN:**    BARREL  
**S/N:**    UNKNOWN  
**FAILED PART:**    11691500                      1005    01-165-4561  
**NOMEN:**    GUN XM218  
**S/N:**    612300

**DESCRIPTION:**

After firing 980 rounds gun jammed. After clearing, the weapon was again loaded, with one round fired the gun again jammed. Weapon cleared and inspected, a one inch by three inch tear was noted in the barrel and barrel jacket at the four o'clock position at about one foot from the barrel end.

**ACTION TAKEN:**

NAWC PT. MUGU 300129ZSEP97: Request NSWC Crane take for action and provide investigation results to ALCON upon completion.  
NSWC CRANE 062045ZOCT97: Request ship discrepant weapon to NAVSURFWARCENDIV Crane, IN, code 1121, building 2521 for investigation. Further request a fax copy of the documents be sent. Recommend requisitioning replacement asset (at no cost to the activity). NSWC CRANE 052030ZFEB97: .50 cal barrels for the XM-218 gun will continue to rupture under the current operating conditions. The barrels should not rupture when the weapon is fired at a rate of

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50 rounds per minute. When the weapon is fired at a faster rate and depending on the number of rounds expended, the barrel will fail during that sortie or during one of the next missions. Recommend that this additional action be taken when issuing a .50 cal machine gun. All .50 cal aircraft machine gun barrels be removed and visually inspected prior to issuing. When looking through the bore, the inspector should see a separation between the stellite liner and the rest of the steel barrel. The bore should be straight with no depressions in the inner diameter of the barrel. If any variations are noted in the barrel it is not to be issued. Requisition a replacement barrel. After reinstalling the barrel check the headspace and timing with the headspace and timing gage P/N 531217. Request this problem be closed and monitored for further occurrences. NAWC PT. MUGU 300129ZSEP97: Request NSWC Crane take for action and provide investigation results to ALCON upon completion. NSWC CRANE 062045Z OCT97: Request ship discrepant weapon to NAVSURFWARCEMDIV Crane, IN, code 1121, building 2521 for investigation. Further request a fax copy of the documents be sent. Recommend requisitioning replacement asset (at no cost to the activity).

NSWC CRANE 052030ZFEB98: .50 cal barrels for the XM-218 gun will continue to rupture under the current operating conditions. The barrels should not rupture when the weapon is fired at a rate of 50 rounds per minute. When the weapon is fired at a faster rate and depending on the number of rounds expended, the barrel will fail during that sortie or during one of the next missions. Recommend that this additional action be taken when issuing a .50 cal machine gun. All .50 cal aircraft machine gun barrels be removed and visually inspected prior to issuing. When looking through the bore, the inspector should see a separation between the stellite liner and the rest of the steel barrel. The bore should be straight with no depressions in the inner diameter of the barrel. If any variations are noted in the barrel it is not to be issued. Requisition a replacement barrel. After reinstalling the barrel check the headspace and timing with the headspace and timing gage P/N 531217. Request this problem be closed and monitored for further occurrences.

NAWC PT. MUGU 300129ZMAR98: Due to the fact that this problem will continue until a new/different barrel is introduced into the fleet, this is closing action.

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	:	NSWC CRANE	INVESTIGATE		COMPLETE 30MAR98

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<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	HC-5 MESSAGE 190243ZSEP97	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 300129ZSEP97	INTERIM RESPONSE
	NSWC CRANE MESSAGE 062045ZOCT97	EXHIBIT REQUEST
	NSWC CRANE MESSAGE 052030ZFEB98	INVESTIGATION REPORT
	NAWC PT MUGU/311200E MESSAGE 300129ZMAR98	CLOSING

**ACTION :** MAG-46 DET A                      CODR/EMR M47499-97-0010                      07SEP97 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	11691500	1005	01-165-4561	
	<b>NOMEN:</b> GUN XM218			
	<b>S/N:</b> 607806			
<b>FAILED PART:</b>	7265156	1005	00-726-5156	
	<b>NOMEN:</b> BARREL			
	<b>S/N:</b> UNKNOWN			

**DESCRIPTION:**

During second firing mission, 75 rounds were fired and gun jammed. Gun allowed to cool for ten minutes. After inspecting the weapon, it fired one round then stopped. A blown barrel was announced. Postflight inspection found the barrel had several heat dimples and ruptured in the middle, barrel jacket was blown out on the bottom and side. Ammo used was .50 cal, API, NALC A576, lot LC84G620L117.

**ACTION TAKEN:**

NAWC PT. MUGU 150129ZSEP97: Request NSWC Crane take for action and provide investigation results to ALCON upon completion.  
NSWC CRANE 062050ZOCT97: Request ship weapon to NSWC Crane for investigation. Enclose weapon SRC card, and any other evidence/components/spent brass cartridges available with weapon.  
NSWC CRANE 052030ZFEB98: .50 cal barrels for the XM-218 gun will continue to rupture under the current operating conditions. The barrels should not rupture when the weapon is fired at a rate of 50 rounds per minute. When the weapon is fired at a faster rate and depending on the number of rounds expended, the barrel will fail during that sortie or during one of the next missions. Recommend that this additional action be taken when issuing a .50 cal machine gun. All .50 cal aircraft machine gun barrels be removed and visually inspected prior to issuing. When looking through the bore, the inspector should see a separation between the stelite liner and the rest of the steel barrel. The bore should be straight with no depressions in the inner diameter of the barrel. If any variations are noted in the barrel it is not to be issued. Requisition a replacement barrel. After reinstalling the barrel check the

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headspace and timing with the headspace and timing gage P/N 531217.  
Request this problem be closed and monitored for further  
occurrences.

NAWC PT. MUGU 300129ZMAR98: Due to the fact that this problem will  
continue until a new/different barrel is introduced into the fleet,  
this is closing action.

**ACTION :** **ACTIVITY/CODE** **ASSIGNMENT** **DUE DATE STATUS**  
**SUMMARY** NSWC CRANE INVESTIGATE COMPLETE 30MAR98

**REFERENCES :** **IDENTIFICATION** **REFERENCE BRIEF**  
MAG-46 DET A MESSAGE 070800ZSEP97 PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE  
150129ZSEP97  
NSWC CRANE MESSAGE 062050Z OCT97 EXHIBIT REQUEST  
NSWC CRANE MESSAGE 052030ZFEB98 INVESTIGATION REPORT  
NAWC PT MUGU/311200E MESSAGE CLOSING  
300129ZMAR98

**ACTION :** **HMLA-367** **EMR** **M09079-96-0025** **07OCT96 CLOSED**

**END ITEM :** **PART/DOC. NO.** **FSC** **NIIN** **NALC**  
11691500 1005 00-165-4561  
**NOMEN:** GUN  
**S/N:** 1170401  
**FAILED PART:** 7265156 1005 00-726-5156  
**NOMEN:** BARREL  
**S/N:** UNKNOWN

**DESCRIPTION:**

One API round ruptured and exited gun barrel approximately six  
inches from muzzle. Damaged items replaced and gun returned to  
service.

**ACTION TAKEN:**

NAWC PT. MUGU 090229Z OCT96: Request NSWC Crane take action and  
provide disposition instructions for ruptured barrel. Notify ALCON  
of results.

NSWC CRANE 052030ZFEB98: .50 cal barrels for the XM-218 gun will  
continue to rupture under the current operating conditions. The  
barrels should not rupture when the weapon is fired at a rate of 50  
rounds per minute. When the weapon is fired at a faster rate and  
depending on the number of rounds expended, the barrel will fail  
during that sortie or during one of the next missions. Recommend  
that this additional action be taken when issuing a .50 cal machine  
gun. All .50 cal aircraft machine gun barrels be removed and  
visually inspected prior to issuing. When looking through the bore,  
the inspector should see a separation between the stellite liner and

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the rest of the steel barrel. The bore should be straight with no depressions in the inner diameter of the barrel. If any variations are noted in the barrel it is not to be issued. Requisition a replacement barrel. After reinstalling the barrel check the headspace and timing with the headspace and timing gage P/N 531217. Request this problem be closed and monitored for further occurrences.

NAWC PT MUGU 300129ZMAR98: Due to the fact that this problem will continue until a new/different barrel is introduced into the fleet, this is closing action.

**ACTION :** **ACTIVITY/CODE** **ASSIGNMENT** **DUE DATE STATUS**  
**SUMMARY** NSWCRANE MONITOR COMPLETE 30MAR98

**REFERENCES :** **IDENTIFICATION** **REFERENCE BRIEF**  
HMLA-367 MESSAGE 070700Z OCT96 PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE  
090229Z OCT96  
NSWC CRANE MESSAGE 052030Z FEB98 INVESTIGATION REPORT  
NAWC PT MUGU/311200E MESSAGE CLOSING  
300129Z MAR98

**ACTION :** **HMH-362** **EMR** **M09495-96-0011** **28SEP96 CLOSED**

**END ITEM :** **PART/DOC. NO.** **FSC** **NIIN** **NALC**  
11691500 1005 00-165-4361  
**NOMEN:** GUN, 50 CALIBER  
**S/N:** UNKNOWN  
**FAILED PART:** 7265156 1005 00-726-5156  
**NOMEN:** BARREL  
**S/N:** UNKNOWN

**DESCRIPTION:**

During gunner qualifications, one round exited through barrel assembly 10 1/2 inches in front of receiver. Approximately 1,900 rounds had been fired in this weapon in a two-day period. Ammo used was NALC A557, lot number LC85K610L672.

**ACTION TAKEN:**

NAWC PT. MUGU 020529Z OCT96: Request NSWCRANE take for action. Provide disposition instructions to HMH-362 and provide ALCON results.  
HMH-362 130900Z DEC96: Request provide status/disposition of XM-218 barrel.  
NAWC PT. MUGU 080329Z JAN97: Investigation still in progress, results will be provided to ALCON upon completion.  
HMH-362 080900Z OCT97: Request current status of XM-218 barrels be provided.

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NSWC CRANE 052030ZFEB98: .50 cal barrels for the XM-218 gun will continue to rupture under the current operating conditions. The barrels should not rupture when the weapon is fired at a rate of 50 rounds per minute. When the weapon is fired at a faster rate and depending on the number of rounds expended, the barrel will fail during that sortie or during one of the next missions. Recommend that this additional action be taken when issuing a .50 cal machine gun. All .50 cal aircraft machine gun barrels be removed and visually inspected prior to issuing. When looking through the bore, the inspector should see a separation between the stelite liner and the rest of the steel barrel. The bore should be straight with no depressions in the inner diameter of the barrel. If any variations are noted in the barrel it is not to be issued. Requisition a replacement barrel. After reinstalling the barrel check the headspace and timing with the headspace and timing gage P/N 531217. Request this problem be closed and monitored for further occurrences.

NAWC PT. MUGU 300129ZMAR98: Due to the fact this problem will continue until a new/different barrel is introduced into the fleet, this is closing action.

**ACTION :** **ACTIVITY/CODE** **ASSIGNMENT** **DUE DATE STATUS**  
**SUMMARY** NSWC CRANE INVESTIGATE COMPLETE 30MAR98

**REFERENCES :** **IDENTIFICATION** **REFERENCE BRIEF**  
HMH-362 MESSAGE 281000ZSEP96 PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE  
020529Z OCT96  
HMH-362 MESSAGE 130900ZDEC96 STATUS REQUEST  
NAWC PT MUGU/311200E MESSAGE STATUS UPDATE  
080329Z JAN97  
HMH-362 MESSAGE 080900Z OCT97 STATUS REQUEST  
NSWC CRANE MESSAGE 052030ZFEB98 INVESTIGATION REPORT  
NAWC PT MUGU /311200E MESSAGE CLOSING  
300129Z MAR98

**ACTION :** **HMH-466** **EMR** **M53998-94-0006** **10MAR94 CLOSED**

**END ITEM :** **PART/DOC. NO.** **FSC** **NIIN** **NALC**  
11691500 1005 01-165-4561  
**NOMEN:** GUN XM218  
**S/N:** UNKNOWN  
**FAILED PART:** 7265156 1005 00-726-5156  
**NOMEN:** BARREL  
**S/N:** 1170617

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**DESCRIPTION:**

Gun barrel became warped after 796 rounds were fired, and one round went through bottom of barrel. Gun had previously fired 2,000 rounds prior to this shoot. Ammo lot used was LCF88F611L259.

**ACTION TAKEN:**

NAWC PT. MUGU 280029ZMAR94: NSWC Crane requested to take for action and provide investigation results to ALCON upon completion.

NSWC CRANE 052030ZFEB98: .50 cal barrels for the XM-218 gun will continue to rupture under the current operating conditions. The barrels should not rupture when the weapon is fired at a rate of 50 rounds per minute. When the weapon is fired at a faster rate and depending on the number of rounds expended, the barrel will fail during that sortie or during one of the next missions. Recommend that this additional action be taken when issuing a .50 cal machine gun. All .50 cal aircraft machine gun barrels be removed and visually inspected prior to issuing. When looking through the bore, the inspector should see a separation between the stelite liner and the rest of the steel barrel. The bore should be straight with no depressions in the inner diameter of the barrel. If any variations are noted in the barrel it is not to be issued. Requisition a replacement barrel. After reinstalling the barrel check the headspace and timing with the headspace and timing gage P/N 531217. Request this problem be closed and monitored for further occurrences.

NAWC PT. MUGU 300129ZMAR98: Due to the fact that this problem will continue until a new/different barrel is introduced into the fleet, this is closing action.

<b>ACTION SUMMARY</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
		NSWC CRANE	INVESTIGTATE		COMPLETE 30MAR98

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		HMH-466 MESSAGE 101600ZMAR94	PROBLEM REPORT
		NAWC PT MUGU/P2631 MESSAGE 280029ZMAR94	INTERIM RESPONSE
		NSWC CRANE MESSAGE 052030ZFEB98	INVESTIGATION REPORT
		NAWC PT MUGU/311200E MESSAGE 300129ZMAR98	CLOSING

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 9167

(Continued) |

ACTION : HMM-466 EMR M53998-94-0007 10MAR94 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	11691500	1005	01-165-4561	
	NOMEN: GUN XM218			
	S/N: UNKNOWN			
FAILED PART:	7265156	1005	00-726-5156	
	NOMEN: BARREL			
	S/N: 1169217			

**DESCRIPTION:**

After 1,000 rounds of ammo had been fired, gun barrel split. Gun had fired 1,700 rounds prior to incident. Ammo used was lot LCF88F611L259.

**ACTION TAKEN:**

NAWC PT. MUGU 280129ZMAR94: NSWC Crane requested to take for action and provide investigation results to ALCON upon completion  
NSWC CRANE 052030ZFEB98: .50 cal barrels for the XM-218 gun will continue to rupture under the current operating conditions. The barrels should not rupture when the weapon is fired at a rate of 50 rounds per minute. When the weapon is fired at a faster rate and depending on the number of rounds expended, the barrel will fail during that sortie or during one of the next missions. Recommend that this additional action be taken when issuing a .50 cal machine gun. All .50 cal aircraft machine gun barrels be removed and visually inspected prior to issuing. When looking through the bore, the inspector should see a separation between the stellite liner and the rest of the steel barrel. The bore should be straight with no depressions in the inner diameter of the barrel. If any variations are noted in the barrel it is not to be issued. Requisition a replacement barrel. After reinstalling the barrel check the headspace and timing with the headspace and timing gage P/N 531217. Request this problem be closed and monitored for further occurrences.

NAWC PT. MUGU 300129ZMAR98: Due to the fact that this problem will continue until a new/different barrel is introduced into the fleet, this is closing action.

ACTION SUMMARY	ACTIVITY/CODE	ASSIGNMENT	DUE DATE STATUS
	NSWC CRANE	INVESTIGATE	COMPLETE 30MAR98



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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 9167

(Continued) |

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	:	NSWC CRANE	INVESTIGATE		COMPLETE 30MAR98

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
	:	HC-3 MESSAGE 062244ZAUG93	PROBLEM REPORT
	:	NAWC PT MUGU/P2626 MESSAGE 200329ZAUG93	INTERIM RESPONSE
	:	NSWC CRANE MESSAGE 052030ZFEB98	INVESTIGATION REPORT
	:	NAWC PT MUGU/311200E MESSAGE 300129ZMAR98	CLOSING

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 14274

CLOSED |

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUN XM218	11691500	1005	01-165-4561	
	GAU-16 DAS	1698AS190	1005	01-250-5782	

EI CNTRL NO:

PROB BRIEF : BELT FEED LEVER STUD NOT DRILLED

PROBLEM : Cover subassembly not drilled.  
DESCRIPTION

PREVENTIVE : Manufacture adhere to drawing specifications.  
ACTION

CORRECTIVE : Not identified.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	HMLA-167	HMR/TFOA	M09898-99-0004	03MAY99	CLOSED
	MALS-16	PQDR II	M09116-90-0047	23JUL90	CLOSED*

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : HMLA-167 HMR/TFOA M09898-99-0004 03MAY99 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	1698AS190	1005	01-250-5782	
	NOMEN: GAU-16 DAS			
	S/N: 15898785			
FAILED PART:	6313800	1005	00-631-3800	
	NOMEN: CHARGING HANDLE			
	S/N: UNKNOWN			

DESCRIPTION:

After firing exercise, GAU-16 .50 caliber gun charging handle was found missing.

ACTION TAKEN:

NAWC PT. MUGU 070229ZMAY99: No response requested. Problem will be monitored for future occurrences. This is closing action. Further request that the following information be provided: Was there any damage to the threads on the retracting slide lever?

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 14274

(Continued) |

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	:	NAWC PT MUGU /311000E	MONITOR		COMPLETE 07MAY99
REFERENCES	:	IDENTIFICATION		REFERENCE BRIEF	
	:	HMLA-167 MESSAGE 031230ZMAY99		PROBLEM REPORT	
	:	NAWC PT MUGU/311000E MESSAGE		REPLY/CLOSING	
	:	070229ZMAY99			

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 14710

CLOSED

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUN M60D	11699750	1005	00-909-3002	
	GUN M60D	8413999	1005	00-605-7710	

EI CNTRL NO:

PROB BRIEF : AMMO CAN/AMMO/AMMO BAG LOT OVERBOARD

PROBLEM : Ammo can/bag lost overboard.  
DESCRIPTION

PREVENTIVE : Ensure components assembled IAW A/A49E-12 armament subsystem pubs.  
ACTION

CORRECTIVE : The only corrective action was to replace the ammo can.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	HCS-5	CODR/EIR	R53812-97-0059	05NOV97	CLOSED
	HS-8	CODR	R09951-94-0009	04MAR94	CLOSED*
	HAL-4	HMR	V53811-91-0020	05MAR91	CLOSED*

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : HCS-5 CODR/EIR R53812-97-0059 05NOV97 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	11699750	1005	00-909-3002	
	NOMEN: GUN M60D			
	S/N: 12866R			
FAILED PART:	11699750	1005	00-909-3002	
	NOMEN: GUN M60D			
	S/N: 12866R			

**DESCRIPTION:**

During firing, starboard ejection bag (ammo case bag) departed aircraft. Postflight inspection of receiver revealed failed fasteners on mounting bracket.

**ACTION TAKEN:**

NAWC PT MUGU 120129ZNOV97: Request NSWC Crane take for action and provide investigation results to all concerned upon completion.  
NSWC CRANE 081811ZAPR98: Inspection revealed that the front rivet head had sheared off and the rear rivet was deformed under the weight of the brass and link bag. These rivets secure the mounting plate of the brass bag and link bag. The rivets failed from normal

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 14710

(Continued)

use. This is considered an isolated mishap, and request problem be closed and monitored for further occurrences.

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	:	NSWC CRANE	INVESTIGATE		COMPLETE 08APR98

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
	:	HCS-5 MESSAGE 051410ZNOV97	PROBLEM REPORT
	:	NAWC PT MUGU/311200E MESSAGE 120129ZNOV97	INTERIM RESPONSE
	:	NSWC CRANE MESSAGE 081811ZAPR98	INVESTIGATION REPORT/CLOSURE REQUEST

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 14939

CLOSED |

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
:	GUN, 50 CALIBER	11691500	1005	00-165-4361	
	GUN XM218	11691500	1005	01-165-4561	
	GUN M60D	11699750	1005	00-909-3002	

EI CNTRL NO:

PROB BRIEF : RECEIVER RIVETS LOOSE/PITTED AROUND RIVET HEADS

PROBLEM : Excessive pitting noted around receiver rivets.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : No corrective action has been determined.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	MALS-29	CODR/EIR	M52841-98-0010	31JUL98	CLOSED
	MALS-26	CODR/EIR	M09167-98-0017	30JUL98	CLOSED
	HMH-463	EIR	M09010-92-0043	12NOV92	CLOSED*
	MAG-46	EIR	M09749-92-0006	06FEB92	CLOSED*
	MAG-46	EIR	M09749-92-0002	15JAN92	CLOSED*
	MAG-46	EIR	M09749-92-0003	15JAN92	CLOSED*
	MAG-46	EIR	M09749-91-0011	12DEC91	CLOSED*

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : MALS-29 CODR/EIR M52841-98-0010 31JUL98 CLOSED

END ITEM	PART/DOC. NO.	FSC	NIIN	NALC
:	11699750	1005	00-909-3002	
	NOMEN: GUN M60D			
	S/N: 10749, 11183, 113343, 113381, 11385, 11426, 11839, 11859, 11899, 13653, 13712, 13753, 13804, 13809, 13843, 13893			
FAILED PART:	11699750	1005	00-909-3002	
	NOMEN: GUN M60D			
	S/N: 10749			

DESCRIPTION:

During weapons inspection, 16 M60D guns were found to have loose rivets in the receivers.

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM  
PROBLEM NO 14939

(Continued) |

**ACTION TAKEN:**

NAWC PT. MUGU 040629ZAUG98: NAWC Pt. Mugu does not consider this to be a valid deficiency report. Do not send another message. If MALS-29 cannot perform maintenance on the guns, BCM them and requisition replacement assets. Problem will be monitored for future occurrences. This is closing action.

**ACTION SUMMARY :** **ACTIVITY/CODE**                    **ASSIGNMENT**                    **DUE DATE STATUS**  
NAWC PT MUGU                    MONITOR                    COMPLETE 04AUG98  
/311200E

**REFERENCES :** **IDENTIFICATION**                    **REFERENCE BRIEF**  
MALS-29 MESSAGE 310802ZJUL98                    PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE                    REPLY/CLOSING  
040629ZAUG98

**ACTION :** **MALS-26**                    **CODR/EIR M09167-98-0017**                    **30JUL98 CLOSED**

**END ITEM :**                    **PART/DOC. NO.**                    **FSC**    **NIIN**                    **NALC**  
11691500                    1005    01-165-4561  
**NOMEN:** GUN XM218  
**S/N:** 114986, 25045, 59802, 67554, 77361, 83918,  
89318  
**FAILED PART:** 11691500                    1005    01-165-4561  
**NOMEN:** GUN XM218  
**S/N:** 114986

**DESCRIPTION:**

During conditional inspection of XM218 guns, seven were found to have loose receiver rivets.

**ACTION TAKEN:**

NAWC PT. MUGU 040429ZAUG98: NAWC Pt. Mugu does not consider this to be a valid deficiency report submittal. Do not resubmit. If MALS-26 cannot maintain the guns then recommend BCM the guns and requisition replacement assets. No further action planned. Problem will be monitored for future occurrences. This is closing action.

**ACTION SUMMARY :** **ACTIVITY/CODE**                    **ASSIGNMENT**                    **DUE DATE STATUS**  
NAWC PT MUGU/311200E MONITOR                    COMPLETE 04AUG98

**REFERENCES :** **IDENTIFICATION**                    **REFERENCE BRIEF**  
MALS-26 MESSAGE 300246ZJUL98                    PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE                    REPLY/CLOSING  
040429ZAUG98

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15020

OPEN

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUN, 50 CALIBER	11691500	1005	00-165-4361	
	GUN XM218	11691500	1005	01-165-4561	

EI CNTRL NO:

PROB BRIEF : GUN JAM

PROBLEM : Gun jammed, fifth round jammed in T-slot.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : Repair and return to service.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	HSL-40	CODR	V53912-98-0029	22OCT98	OPEN
	HMH-465	EMR	M53936-98-0026	26JUN98	CLOSED
	HMM-163	CODR/EMR	M09405-98-0005	25MAR98	CLOSED
	HMM-163	CODR	M09405-97-0006	06NOV97	CLOSED
	HSL-45	CODR/EMR	R53915-97-0024	05NOV97	CLOSED
	MALS-16	CODR/EMR	M09116-97-0007	27JAN97	CLOSED
	HMH-361	CODR	M09446-97-0001	15JAN97	CLOSED
	HMH-464	CODR/EMR	M53935-94-0002	11JAN94	CLOSED*
	MALS-16	EMR/EIR	M09116-93-0015	09APR93	CLOSED*
	MAWTS-1	CODR	M55167-93-0005	18MAR93	CLOSED*
	HMM-364	EMR	M09793-92-0002	23APR92	CLOSED*
	MAWTS-1	EMR	M55167-92-0002	22MAR92	CLOSED

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : HSL-40 CODR V53912-98-0029 22OCT98 OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	11691500	1005	01-165-4561	
	NOMEN: GUN XM218			
	S/N: 955379			
FAILED PART:	11691500	1005	01-165-4561	
	NOMEN: GUN XM218			
	S/N: 955379			

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM  
PROBLEM NO 15020

(Continued)

**DESCRIPTION:**

GAU-16 jammed after 418 rounds had been fired. Hydraulic fluid was found around buffer assembly.

**ACTION TAKEN:**

NAWC PT. MUGU 230429ZOCT98: Request Crane take for action. Perform an investigation and provide results to all concerned upon completion.

NSWC CRANE 281615ZJAN99: Request ship exhibit to NSWC Crane for investigation. Recommend requisition replacement asset.

<b>ACTION SUMMARY</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
		NSWC CRANE	INVESTIGATE	21JAN99	OPEN

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		HSL-40 MESSAGE 221700ZOCT98	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 230429ZOCT98	INTERIM RESPONSE
		NSWC CRANE MESSAGE 281615ZJAN99	EXHIBIT REQUEST

<b>ACTION</b>	<b>:</b>	<b>HMH-465</b>	<b>EMR</b>	<b>M53936-98-0026</b>	<b>26JUN98</b>	<b>CLOSED</b>
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		<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM</b>	<b>:</b>	11691500	1005	00-165-4361	
		<b>NOMEN:</b>	GUN, 50 CALIBER		
		<b>S/N:</b>	UNKNOWN		
<b>FAILED PART:</b>		11691500	1005	00-165-4361	
		<b>NOMEN:</b>	GUN, 50 CALIBER		
		<b>S/N:</b>	UNKNOWN		

**DESCRIPTION:**

XM-218 returned from gunnery mission with a round lodged in the barrel and against the bolt assembly. As dearm crew was attempting to clear casing, casing ruptured, injuring the two odnancemen. Further investigation revealed a projectile jammed in the barrel. Gun barrel disassembled and turned in to station weapons for disposal.

**ACTION TAKEN:**

NAWC PT. MUGU 070229ZJUL98: No response required. Problem will be monitored for future occurrences. This is closing action.

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15020

(Continued)

**ACTION :** **ACTIVITY/CODE** **ASSIGNMENT** **DUE DATE STATUS**  
**SUMMARY** NAWC PT MUGU/311200E MONITOR COMPLETE 02JUL98 |

**REFERENCES :** **IDENTIFICATION** **REFERENCE BRIEF**  
HMH-465 MESSAGE 261230ZJUN98 PROBLEM REPORT |  
NAWC PT MUGU/311200E MESSAGE REPLY/CLOSING |  
070229ZJUL98

**ACTION :** **HMM-163** **CODR/EMR M09405-98-0005** **25MAR98 CLOSED** |

**END ITEM :** **PART/DOC. NO.** **FSC** **NIIN** **NALC**  
11691500 1005 01-165-4561 |  
**NOMEN:** GUN XM218  
**S/N:** 11198588  
**FAILED PART:** 11691500 1005 00-165-4361 |  
**NOMEN:** GUN, 50 CALIBER  
**S/N:** 1119588

**ACTION TAKEN:**

NAWC PT. MUGU 310129ZMAR98: Request NSWC Crane take for action and provide investigation results to all concerned. |  
NSWC CRANE 081810ZAPR98: Request ship exhibit to NSWC Crane for investigation. Results will be provided to all concerned upon completion. |  
NSWC CRANE 281618ZJAN99: GAU-17 received at Crane missing components: Cover assembly, recoil buffer, and breech cam lock assembly. These parts were required for investigation. Request problem be closed due to an incomplete weapon received.

**ACTION :** **ACTIVITY/CODE** **ASSIGNMENT** **DUE DATE STATUS**  
**SUMMARY** NSWC CRANE INVESTIGATE COMPLETE 28JAN99 |

**REFERENCES :** **IDENTIFICATION** **REFERENCE BRIEF**  
HMM-163 MESSAGE 251900ZMAR98 PROBLEM REPORT |  
NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE |  
310129ZMAR98  
NSWC CRANE MESSAGE 081810ZAPR98 EXHIBIT REQUEST |  
NSWC CRANE MESSAGE 281618ZJAN99 CLOSURE REQUEST |

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM  
PROBLEM NO 15020

(Continued)

ACTION : HMM-163 CODR M09405-97-0006 06NOV97 CLOSED |

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	11691500	1005	01-165-4561	
	NOMEN: GUN XM218			
	S/N: UNKNOWN			
FAILED PART:	11691500	1005	01-165-4561	
	NOMEN: GUN XM218			
	S/N: UNKNOWN			

**DESCRIPTION:**

XM-218 gun malfunctioned during firing. Postflight inspection found sear retaining pin broken, damaging left hand plate.

**ACTION TAKEN:**

NAWC PT. MUGU 180729ZNOV97: Problem forwarded to NSWC Crane for action and provide test results to all concerned upon completion.

NSWC CRANE 101755ZDEC97: Request forward gun IAW NAVSEAINST 8370.2 DTD 12JUN89, to NSWC Crane for investigation. Ensure copies of all message traffic accompanies gun, weapons SMR card and any other evidence/broken components/spent cartridges that may be available along with weapon. Recommend obtain replacement weapon.

NSWC CRANE 052031ZFEB98: Investigation revealed that the cocking lever P/N 7312078 was deficient. The cocking lever pin was missing the captive spring which functions to hold the pin in place. There was also a minor indentation made by the cocking lever pin head in the left hand plate of the receiver. There is no corrective action other than to replace the defective component. Request problem be closed and monitored for further occurrences.

ACTION SUMMARY	ACTIVITY/CODE	ASSIGNMENT	DUE DATE STATUS
	NSWC CRANE	INVESTIGATE	COMPLETE 05FEB98

REFERENCES :	IDENTIFICATION	REFERENCE BRIEF
	HMM-163 MESSAGE 060830ZNOV97	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 180729ZNOV97	INTERIM RESPONSE
	NSWC CRANE MESSAGE 101755ZDEC97	EXHIBIT REQUEST
	NSWC CRANE MESSAGE 052031ZFEB98	INVESTIGATION REPORT

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15020

(Continued)

ACTION : HSL-45 CODR/EMR R53915-97-0024 05NOV97 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	11691500	1005	01-165-4561	
	<b>NOMEN:</b> GUN XM218			
	<b>S/N:</b> UNKNOWN			
<b>FAILED PART:</b>	5504077	1005	00-550-4077	
	<b>NOMEN:</b> OIL BUFFER ASSEMBLY			
	<b>S/N:</b> UNKNOWN			

**DESCRIPTION:**

During familiarization firing, three .50 caliber casings ruptured causing gun to jam after firing a total of 190 rounds. Inspection revealed that the oil buffer had malfunctioned.

**ACTION TAKEN:**

NAWC PT. MUGU 170729ZNOV97: Request NSWC Crane take for action and provide investigation results to ALCON upon completion.

NSWC CRANE 141520ZJAN98: Request ship exhibit to NSWC Crane for investigation. Ensure any evidence, components and/or spent casings are included with discrepant weapon. Recommend requisition replacement weapon.

NSWC CRANE 281617ZJAN99: NSWC Crane was unable to reproduce the ruptured rounds, by function firing of GAU-16/A S/N 1186085. Request problem be closed and considered an isolated incident.

NAWC PT. MUGU 020429ZFEB99: Concur with NSWC Crane findings. Problem is considered to be an isolated incident, and will be monitored for future occurrences. This is closing action.

<b>ACTION SUMMARY</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
	NSWC CRANE	INVESTIGATE	COMPLETE 02FEB99

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	HSL-45 MESSAGE 051532ZNOV97	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 170729ZNOV97	INTERIM RESPONSE
	NSWC CRANE MESSAGE 141520ZJAN98	EXHIBIT REQUEST
	NSWC CRANE MESSAGE 281617ZJAN99	CLOSURE REQUEST
	NAWC PT MUGU /311200E MESSAGE 020429ZFEB99	CLOSING ACTION

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15020

(Continued)

ACTION : MALS-16 CODR/EMR M09116-97-0007 27JAN97 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	11691500	1005	00-165-4361	
	NOMEN: GUN, 50 CALIBER			
	S/N: 1485777			
FAILED PART:	11691500	1005	00-165-4361	
	NOMEN: GUN, 50 CALIBER			
	S/N: 1485777			

**DESCRIPTION:**

Gun stoppage occurred after firing 400 rounds in a 30 minute time period. Headless shoulder pin noted to be in the out of battery position. After weapon had cooled, feed cover was lifted, no cause for jam could be seen. Gun cleared. Ammo used was NALC A576, APIT, lot numbers: LC88E621-L182, LC87C621-L093, LC87K621-L132, LC92K621-L475, LC87L621-L137, and LC90F621-L276.

**ACTION TAKEN:**

NAWC PT. MUGU 060029ZFEB97: Request NSWC Crane take for action and provide investigation results when completed.

NSWC CRANE 271515ZFEB97: Request XM-218 S/N 14885777 be shipped to NSWC Crane for investigation. Results of the investigation will be provided to all concerned upon completion.

NSWC CRANE 052032ZFEB98: Inspection revealed that the weapon was no longer jammed to the rear. The trigger bar axis pin assembly P/N 7313106 was missing. Upon removal of the recoil buffer assembly, the right breech bolt depressor fell off, the depressor solid rivet head was broken off. The left breech block depressor solid rivet had also failed and was removed from the buffer assembly. The level of hydraulic fluid in the oil buffer assembly was checked and found to be deficient. The lack of hydraulic fluid in the oil buffer assembly would cause the bolt assembly to jam to the rear. Conclusions: The weapon jammed with the bolt in the rear because of low hydraulic fluid in the oil buffer assembly. Oil buffer must be filled completely in order for the gun to cycle properly. Request this problem be closed and monitored.

ACTION SUMMARY	ACTIVITY/CODE	ASSIGNMENT	DUE DATE STATUS
	NSWC CRANE	INVESTIGATE	COMPLETE 05FEB98

REFERENCES	IDENTIFICATION	REFERENCE BRIEF
	MALS-16 MESSAGE 271640ZJAN97	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 060029ZFEB97	INTERIM RESPONSE

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15020

(Continued)

NSWC CRANE MESSAGE 271515ZFEB97 EXHIBIT REQUEST  
NSWC CRANE MESSAGE 052032ZFEB98 INVESTIGATION REPORT

ACTION : HMM-361 CODR M09446-97-0001 15JAN97 CLOSED

END ITEM : PART/DOC. NO. FSC NIIN NALC  
11691500 1005 01-165-4561  
NOMEN: GUN XM218  
S/N: UNKNOWN  
FAILED PART: 11691500 1005 01-165-4561  
NOMEN: GUN XM218  
S/N: UNKNOWN

DESCRIPTION:

During firing XM-218 malfunctioned. Inflight inspection found the gun had a double feed. Upon return to base, further inspection revealed a broken sear pin, damaging the left hand plate.

ACTION TAKEN:

NAWC PT. MUGU 200129ZJAN97: Request NSWC Crane take for action and provide investigation to ALCON upon completion.  
NSWC CRANE 061610ZFEB98: Request fax copy of shipping document to NSWC Crane and ship damaged gun in as condition to NSWC Crane. Enclose copies of all message traffic concerning the reported mishap, weapon smr card and any other evidence/components/spent cartridges that are available with the weapon. Recommend requisition replacement weapon through normal channels.  
NSWC CRANE 281616ZJAN99: Request problem be closed due to non-availablitiy of exhibit.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY NSWC CRANE/4022 INVESTIGATE COMPLETE 28JAN99

REFERENCES : IDENTIFICATION REFERENCE BRIEF  
HMM-361 MESSAGE 150700ZJAN97 PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE  
200129ZJAN97  
NSWC CRANE MESSAGE 061610ZFEB98 EXHIBIT REQUEST  
NSWC CRANE MESSAGE 281616ZJAN99 CLOSURE REQUEST

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
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PROBLEM NO 15020

(Continued)

ACTION : MAWTS-1 EMR M55167-92-0002 22MAR92 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	11691500	1005	00-165-4361	
	<b>NOMEN:</b> GUN, 50 CALIBER			
	<b>S/N:</b> 900590			
<b>FAILED PART:</b>	11691500	1005	00-165-4361	
	<b>NOMEN:</b> GUN, 50 CALIBER			
	<b>S/N:</b> 900590			

**DESCRIPTION:**

XM218 jammed after firing four rounds. Fifth round jammed in T-Slot with edge of brass at the chambering position. Round removed in arm/dearm areas. Weapon inspected for head space and timing. Head space and timing were incorrect.

**ACTION TAKEN:**

NAWC PT. MUGU 250629ZMAR92: Requests NSWC Crane to take for action and provide investigation results to ALCON upon completion.

NAWC PT. MUGU 290529ZSEP92: Request provide status of investigation to NAWC Pt. Mugu within 30 days from date of this message. If no response, NAWC Pt. Mugu will close action due to nonreceipt of requested information.

NAWC PT. MUGU 170129ZDEC92: Request NSWC Crane provide status of investigation by 11JAN93.

NSWC CRANE 252335ZMAR94: Request that XM218 S/N 90050 be shipped to Naval Surface Warfare Center Crane for investigation. Requisition replacement through normal supply channels.

NSWC CRANE 101539ZFEB98: Weapon jam is one of the possible effect of incorrect head space. Liaison with originator revealed that the weapon is currently in service. No investigation required. Request this problem be closed and monitored for further occurrences.

<b>ACTION SUMMARY</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
	NSWC CRANE/2046	INVESTIGATE	COMPLETE 10FEB98

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	MAWTS-1 MESSAGE 221937ZMAR92	PROBLEM REPORT
	NAWC PT MUGU/2026 MESSAGE 250629ZMAR92	RESPONSE
	NAWC PT MUGU/P2626 MESSAGE 290529ZSEP92	STATUS REQUEST
	NAWC PT MUGU/P2626 MESSAGE 170129ZDEC92	STATUS REQUEST
	NSWC CRANE MESSAGE 252335ZMAR94	EXHIBIT REQUEST
	NSWC CRANE MESSAGE 101539ZFEB98	CLOSURE REQUEST

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM  
PROBLEM NO 15140

CLOSED

END ITEM : NOMENCLATURE PART/DOC. NO. FSC NIIN NALC  
: GUN XM218 11691500 1005 01-165-4561

EI CNTRL NO:

PROB BRIEF : REAR MOST PART OF RECEIVER CRACKED AT BACK PLATE GROOVE

PROBLEM : Rear most part of receiver cracked where backplate fits in groove.  
DESCRIPTION

PREVENTIVE : Continued inspection, both inside and outside of the receiver for  
ACTION fatigue cracks. If found turn weapon in and requisition a replacement asset.

CORRECTIVE : Turn in for repair should fatigue cracks appear either inside or  
ACTION outside of the receiver.

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	MAG-46 EL TORO	EIR	M67244-94-0010	10SEP94	CLOSED
	HMM-166	CODR	M53973-93-0011	09DEC93	CLOSED
	HMM-166	CODR	M53973-93-0013	09DEC93	CLOSED
	MAG-42 DET B	EMR	M67245-92-0013	22JUN92	CLOSED*

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : MAG-46 EL TORO EIR M67244-94-0010 10SEP94 CLOSED

END ITEM : PART/DOC. NO. FSC NIIN NALC  
: 11691500 1005 01-165-4561  
NOMEN: GUN XM218  
S/N: 104743

FAILED PART: 11691500 1005 01-165-4561  
NOMEN: GUN XM218

DESCRIPTION:

During post fire cleaning of XM218 guns, one gun was noted to have right hand spade grip back plate cover on the rear of the receiver with a five inch crack at the aft edge of the side plate, which fell off during disassembly.

ACTION TAKEN:

NAWC PT. MUGU 120529ZOCT94: Request NSWC Crane take for action and report findings to ALCON upon completion of investigation.

NSWC CRANE 132102ZJAN95: Request forward exhibit to NSWC Crane for investigation.

NSWC CRANE 081730ZJUL97: Receiver failures were inspected and

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
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PROBLEM NO 15140

(Continued)

determined to be fatigue fractures. Recommend continued inspection of the receiver for both cracks (inside and outside of the spade grip back plate track) and breaks. All data indicates the weapon continues to function with this type of failure. Proper inspection of the receiver will catch the fatigue crack or break before further damage is caused to the receiver. If a crack is found on the receiver, the weapon should then be removed from service and a replacement weapon requisitioned.

NAWC PT. MUGU 160129ZAPR98: Concur with NSWC Crane investigation report. This is closing action.

**ACTION :** **ACTIVITY/CODE** **ASSIGNMENT** **DUE DATE STATUS**  
**SUMMARY** NSWC CRANE INVESTIGATE COMPLETE 16APR98 |

**REFERENCES :** **IDENTIFICATION** **REFERENCE BRIEF**  
MAG-46 EL TORO MESSAGE 101625ZSEP94 PROBLEM REPORT  
NAWC PT MUGU/P2631 MESSAGE INTERIM RESPONSE  
120529ZOCT94  
NSWC CRANE MESSAGE 132102ZJAN95 EXHIBIT REQUEST  
NSWC CRANE MESSAGE 081730ZJUL97 INVESTIGATION REPORT  
NAWC PT MUGU/311200E MESSAGE CLOSING |  
160129ZAPR98

**ACTION :** **HMM-166** **CODR** **M53973-93-0011** **09DEC93 CLOSED** |

**END ITEM :** **PART/DOC. NO.** **FSC** **NIIN** **NALC**  
11691500 1005 01-165-4561  
**NOMEN:** GUN XM218  
**S/N:** 1604018  
**FAILED PART:** 11691500 1005 01-165-4561  
**NOMEN:** GUN XM218  
**S/N:** 1604018

**DESCRIPTION:**

During cleaning of XM218 gun, the receiver assembly was found cracked and broken near backplate assembly.

**ACTION TAKEN:**

NAWC PT. MUGU 210329ZDEC93: Request NSWC Crane take for action and provide investigation results to ALCON upon completion. |

NSWC CRANE 252355ZMAR94: Request ship XM218 S/N 1153199 to Naval Surface Warfare Center Crane for investigation. Request replacement weapon through normal supply channels. Results of the investigation will be provided to ALCON upon completion.

NSWC CRANE 081730ZJUL97: Investigation revealed that failures were due to fatigue fractures. Recommend continue to inspect receiver for both cracks (inside and outside of spade grip back plate track) and breaks. All data indicates the weapon continues to function with



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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15140

(Continued)

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	:	NSWC CRANE	INVESTIGATE		COMPLETE 16APR98

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
	:	HMM-166 MESSAGE 090910ZDEC93	PROBLEM REPORT
	:	NAWC PT MUGU/P2626 MESSAGE 210229ZDEC93	INTERIM RESPONSE
	:	NAWC PT MUGU/P263 MESSAGE 110129ZAUG94	INVESTIGATION REPORT/CLOSING
	:	NAWC PT MUGU /311200E MESSAGE 160129ZAPR98	CLOSING

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM  
PROBLEM NO 15201

CLOSED

END ITEM : NOMENCLATURE PART/DOC. NO. FSC NIIN NALC  
: GUN M60D 11699750 1005 00-909-3002

EI CNTRL NO:

PROB BRIEF : M60D GUN DEPARTED AIRCRAFT IN FLIGHT

PROBLEM : M60D gun departed aircraft during flight.  
DESCRIPTION

PREVENTIVE : Ensure gun properly attached to aircraft during preflight.  
ACTION

CORRECTIVE : Repair/replace gun.  
ACTION

OCCURRENCES: SOURCE TYPE DOCUMENT NO. DATE DR STATUS  
: HCS-5 EMR R53812-92-0065 21AUG92 CLOSED

ACTION : HCS-5 EMR R53812-92-0065 21AUG92 CLOSED

END ITEM : PART/DOC. NO. FSC NIIN NALC  
: 11699750 1005 00-909-3002  
NOMEN: GUN M60D  
S/N: 162182  
FAILED PART: 11699750 1005 00-909-3002  
NOMEN: GUN M60D  
S/N: 162182

**DESCRIPTION:**

During GUNEX run starboard M60 Gun departed aircraft and impacted desert floor. Weapon retrieved. Initial inspection revealed major damage to spade grip and main body. Pin ring holder still attached to weapon and appeared to be intact and functional. No evidence found of material failure.

**ACTION TAKEN:**

NAWC PT. MUGU 260329ZAUG92: Request NSWC CRANE take problem for action and provide disposition instructions to HCS-5.  
NSWC CRANE 081730ZSEP92: Request ship exhibit to NSWC CRANE for investigation. Results will be provided to ALCON upon completion. Recommend requisition replacement weapon IAW NAVSEAINST 8372.2/Ser 62E/dated 12JUN89.  
NAWC PT. MUGU 170129ZDEC92: Request NSWC Crane provide status of investigation by 11JAN93.  
NSWC CRANE 012147ZAPR98: During on site inspection of weapon and

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PROBLEM NO 15201

(Continued)

mount, it was revealed that the mounting pin had been inadvertently pulled causing the gun to depart from the mount. Request this problem be closed based on the above information. NAWC PT. MUGU 150129ZAPR98: This is considered a one time occurrence. Problem will be monitored for future occurrences. This is closing action.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		NSWC CRANE/2046	INVESTIGATE		COMPLETE 15APR98

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		HCS-5 MESSAGE 211630ZAUG92	PROBLEM REPORT
		NAWC PT MUGU/2026 MESSAGE 260329ZAUG92	INTERIM RESPONSE
		NSWC CRANE MESSAGE 081730ZSEP92	EXHIBIT REQUEST
		NAWC PT MUGU/P2626 MESSAGE 171029ZDEC92	STATUS REQUEST
		NSWC CRANE MESSAGE 012147ZAPR98	INVESTIGATION REPORT
		NAWC PT MUGU/311200E MESSAGE 150129ZAPR98	CLOSING ACTION

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15361

CLOSED |

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUN M60D	11699750	1005	00-909-3002	
	GUN	1297710	1005	01-M14-2248	

EI CNTRL NO:

PROB BRIEF : GUN JAMMED, RECOIL SPRING DRIVEN THROUGH RECEIVER

PROBLEM : Guide rod stop broken off guide rod allowing drive spring to move up  
DESCRIPTION into the receiver.

PREVENTIVE : Check drive spring for proper part number.  
ACTION

CORRECTIVE : Use new one piece drive rod or one that has been stopped brazed at  
ACTION the end.

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	HMLA-369	EMR	M09361-98-0021	13NOV98	CLOSED
	HSL-44	CODR	V53975-98-4021	02JUL98	CLOSED
	HSL-41	CODR	R55138-96-0017	23DEC96	CLOSED*
	HSL-47	PQDR I	R53917-96-0031	26SEP96	CANCELED*
	HS-7	CODR	R09988-96-0005	24AUG96	CLOSED*
	HMLA-167	CODR	M09898-96-0015	23MAY96	CLOSED*
	HSL-41	CODR	R55138-96-0002	15FEB96	CLOSED*
	HSL-41	CODR	R55138-95-0018	20DEC95	CLOSED*
	HSL-49	CODR/EIR	R53919-95-0016	18JUL95	CLOSED*
	HSL-41	CODR	R55138-95-0009	19JUN95	CLOSED*
	HS-11	CODR	V09954-95-0002A	19MAY95	CLOSED*
	CHSLW-1	EMR/QDR	V55212-93-0001	28JAN93	CLOSED*

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : HMLA-369 EMR M09361-98-0021 13NOV98 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
	S/N: 162182			
FAILED PART:	11699750	1005	00-909-3002	
	NOMEN: GUN M60D			
	S/N: 162182			

DESCRIPTION:

One round of A165 7.72MM ammo ruptured out of battery. Fragments lacerated thigh and imbedded in the right calf of door gunner.



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PROBLEM NO 15866

OPEN

END ITEM	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
:	GUN	11691500	1005	00-165-4561	
	GUN XM218	11691500	1005	01-165-4561	
		11691500	1005	01-165-4561	

EI CNTRL NO:

PROB BRIEF : BARREL JACKET LOOSE

PROBLEM : Barrel jacket found loose on 30 day inspection.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined, except to continue  
ACTION inspections at prescribed times.

CORRECTIVE : Remove and replace barrel jacket.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	MALS-26	CODR/EIR	M09167-99-0012	13MAY99	OPEN
	HMM-162	CODR/EIR	M09492-98-0015	10AUG98	CLOSED
	MALS-16	CODR/EIR	M09116-94-0094	09DEC94	CLOSED*

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : MALS-26 CODR/EIR M09167-99-0012 13MAY99 OPEN

END ITEM	PART/DOC. NO.	FSC	NIIN	NALC
:	11691500	1005	01-165-4561	
	NOMEN: GUN XM218			
	S/N: UNKNOWN			
FAILED PART:	5504047	1005	00-550-4047	
	NOMEN: BARREL JACKET			
	S/N: UNKNOWN			

DESCRIPTION:

During post fire cleaning and inspection, the barrel jacket was found loose and missing hardware on forward section of barrel jacket assembly. Further inspection revealed elongated, chipped and cracked screw mounting holes on forward end. This was possibly caused by excessive staking of screws and vibration of gun during firing, improper storage techniques and rough handling causing mount screws to become loose and dislodge from barrel jacket.

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PROBLEM NO 15866

(Continued) |

**ACTION TAKEN:**

NAWC PT. MUGU 240629ZMAY99: Request NSWC Crane take this problem for action and review the recommendations, and provide investigation results to all concerned. All discrepant weapons are being repaired and will be returned to service.

**ACTION SUMMARY :**   **ACTIVITY/CODE**                   **ASSIGNMENT**                   **DUE DATE STATUS**  
NSWC CRANE                   INVESTIGATE                   15AUG99 OPEN

**REFERENCES :**   **IDENTIFICATION**   **REFERENCE BRIEF**  
MALS-26 MESSAGE 130245ZMAY99   PROBLEM REPORT  
NAWC PT MUGU/311000E MESSAGE   INTERIM RESPONSE  
240629ZMAY99

**ACTION :**   **HMM-162**   **CODR/EIR M09492-98-0015**                   **10AUG98 CLOSED**

**END ITEM :**   **PART/DOC. NO.**                   **FSC**   **NIIN**                   **NALC**  
11691500                   1005   01-165-4561  
**NOMEN:** GUN XM218  
**S/N:** 1142518, 1142711, 1144334, 1144499, 1152752,  
1168171, 1168375, 1169349, 1169671, 1172334,  
1172901, 1173954, 1200508, 1588783, 1589879,  
1590284, 1600664, 429588, 883246  
**FAILED PART:** 11691500                   1005   01-165-4561  
**NOMEN:** GUN XM218  
**S/N:** 1142518

**DESCRIPTION:**

During inspection of all XM218 guns, sixteen were found to have loose pawl brackets, five with loose barrel jackets.

**ACTION TAKEN:**

NAWC PT. MUGU 110329ZAUG98: NAWC Pt. Mugu does not consider this to be a valid deficiency report submittal. Do not send another message. If HMM-162 cannot perform repairs on these guns, BCM weapons and requisition replacement assets. Problem be monitored for future occurrences. This is closing action.

**ACTION SUMMARY :**   **ACTIVITY/CODE**                   **ASSIGNMENT**                   **DUE DATE STATUS**  
NAWC PT MUGU/311200E MONITOR                   COMPLETE 11AUG98

**REFERENCES :**   **IDENTIFICATION**   **REFERENCE BRIEF**  
HMM-162 MESSAGE 101340ZAUG98   PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE   REPLY/CLOSING  
110329ZAUG98

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15904

OPEN

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GAU-17 DAS	218F833	1005	01-230-1520	
	BOLT ASSEMBLY	65B9865	1005	00-919-7015	

EI CNTRL NO:

PROB BRIEF : FEEDER JAM

PROBLEM : MAU-201 feeder jams.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : No corrective action has been determined.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	HMM-365	CODR/EIR	M53923-99-0010	14APR99	OPEN
	HCS-5	CODR/EIR	R53812-98-0017	21DEC98	CLOSED
	HCS-5	CODR/EIR	R53812-98-0007	26JUN98	CLOSED
	HMLA-267	CODR	M09159-96-0010	01MAR96	CLOSED*
	HMLA-167	CODR/EIR	M09898-95-0032	20NOV95	CLOSED
	HMT-303	CODR	M55176-95-0025	22JUN95	OPEN
	HMLA-267	CODR	M09159-95-0004	11FEB95	CLOSED*
	HMLA-269	CODR/EIR	M08998-93-0033	22NOV93	OPEN
	HMLA-169	EMR	M09202-92-0050	04FEB92	CLOSED*

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : HMM-365 CODR/EIR M53923-99-0010 14APR99 OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	218F833	1005	01-230-1520	
	NOMEN: GAU-17 DAS			
	S/N: UNKNOWN			
FAILED PART:	67C4592	1005	00-460-5305	
	NOMEN: SADDLE ASSEMBLY			
	S/N: UNKNOWN			

DESCRIPTION:  
Saddle assembly broke in half at machining assembly just behind  
frame assembly.

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15904

(Continued)

**ACTION TAKEN:**

NAWC PT. MUGU 190029ZAPR99: Request NSWC Crane take for action.  
Perform an investigation and provide results to all concerned upon  
completion.

<b>ACTION SUMMARY</b>	<b>: ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
	NSWC CRANE	INVESTIGATE	18JUL99	OPEN

<b>REFERENCES</b>	<b>: IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	HMM-365 MESSAGE 141700ZAPR99	PROBLEM REPORT
	NAWC PT MUGU/311000E MESSAGE	INTERIM RESPONSE
	190029ZAPR99	

<b>ACTION</b>	<b>: HCS-5</b>	<b>CODR/EIR R53812-98-0017</b>	<b>21DEC98</b>	<b>CLOSED</b>
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	<b>END ITEM</b>	<b>: PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
		218F833	1005	01-230-1520	
		<b>NOMEN:</b> GAU-17 DAS			
		<b>S/N:</b> UNKNOWN			
	<b>FAILED PART:</b>	65B9867	1005	00-919-7014	
		<b>NOMEN:</b> BOLT			
		<b>S/N:</b> S10746			

**DESCRIPTION:**

Bolt assembly found broken during jam clearing procedures.

**ACTION TAKEN:**

NAWC PT. MUGU 280429ZDEC98: Request NSWC Crane take for action and  
provide all concerned with investigation results upon completion.  
NSWC CRANE 282050ZAPR99: On site inspection of bolts revealed them  
to be defective, and they were replaced. Personnel were advised to  
periodically inspect bolts to prevent future occurrences. Recommend  
this discrepancy report be closed.

<b>ACTION SUMMARY</b>	<b>: ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
	NSWC CRANE	INVESTIGATE		COMPLETE 28APR99

<b>REFERENCES</b>	<b>: IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	HCS-5 MESSAGE 211331ZDEC98	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	280429ZDEC98	
	NSWC CRANE MESSAGE 282050ZAPR99	INVESTIGATION REPORT

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15904

(Continued)

ACTION : HCS-5 CODR/EIR R53812-98-0007 26JUN98 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	65B9865	1005	00-919-7015	
	NOMEN: BOLT ASSEMBLY			
	S/N: UNKNOWN			
FAILED PART:	65B9866	1090	01-152-7644	
	NOMEN: BOLT ASSEMBLY			
	S/N: 8878			

DESCRIPTION:

During firing, GAU-17 gun failed to fire. Inspection found gun jammed with an expended casing. Investigation revealed that the bolt assembly had seized during operation. Bolt had to be forced apart for disassembly.

ACTION TAKEN:

NAWC PT. MUGU 300329ZJUN98: Request NSWC Crane take for action and provide disposition instructions to originator. Further request investigation results be provided to all concerned upon completion. NSWC CRANE 282050ZAPR99: On site inspection of bolts, revealed that bolts were defective and they were replaced. Personnel were advised to periodically inspect bolts to prevent future occurrences. Recommend this discrepancy report be closed.

ACTION SUMMARY	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
	NSWC CRANE	INVESTIGATE		COMPLETE 28APR99

REFERENCES	IDENTIFICATION	REFERENCE BRIEF
	HCS-5 MESSAGE 261415ZJUN98	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 300329ZJUN98	INTERIM RESPONSE
	NSWC CRANE MESSAGE 282050ZAPR99	INVESTIGATION REPORT

ACTION : HMLA-167 CODR/EIR M09898-95-0032 20NOV95 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	218F833	1005	01-230-1520	
	NOMEN: GAU-17 DAS			
	S/N: UNKNOWN			
FAILED PART:	67C4592	1005	00-460-5305	
	NOMEN: SADDLE ASSEMBLY			

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15904

(Continued)

**DESCRIPTION:**

During inventory/inspection of DAS system components, GAU-17 saddle assembly found cracked.

**ACTION TAKEN:**

NAWC PT. MUGU 220029ZNOV95: Request NSWC Crane take this problem for action and provide disposition instructions for shipment of exhibit, and provide investigation results to all concerned upon completion. NSWC CRANE 141655ZMAY98: NSWC has been testing saddle assemblies from other units that have cracked. NSWC has modified the cradle and tested it and is now awaiting funding for fielding. Request this problem be closed.

<b>ACTION SUMMARY :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
	NSWC CRANE	INVESTIGATE		COMPLETE 14MAY98

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	HMLA-167 MESSAGE 201910ZNOV95	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 220029ZNOV95	INTERIM RESPONSE
	NSWC CRANE MESSAGE 141655ZMAY98	INVESTIGATION REPORT

<b>ACTION :</b>	<b>HMT-303</b>	<b>CODR</b>	<b>M55176-95-0025</b>	<b>22JUN95 OPEN</b>
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	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	218F833	1005	01-230-1520	
	<b>NOMEN:</b> GAU-17 DAS			
	<b>S/N:</b> UNKNOWN			
<b>FAILED PART:</b>	65B9866	1090	01-152-7644	
	<b>NOMEN:</b> BOLT ASSEMBLY			

**DESCRIPTION:**

During inflight training GAU-17 stopped firing. Post fire clearing inspection revealed bolt head assembly separated from the bolt subassembly. Further inspection confirmed corresponding removable tracks and bolt assembly were correctly installed and secure.

**ACTION TAKEN:**

NAWC PT. MUGU 260029ZJUN95: Request NSWC Crane take for action and provide investigation results to all concerned upon completion. HMT-303 050800ZSEP95: Request provide status of investigation.



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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15920

CLOSED

END ITEM : NOMENCLATURE PART/DOC. NO. FSC NIIN NALC  
GAU-17 DAS 218F833 1005 01-230-1520

EI CNTRL NO:

PROB BRIEF : GAU-17 SADDLE ASSEMBLY CASTING FRAME MOUNTS IMPROPER

PROBLEM : Saddle assembly casting found to be of a different specification  
DESCRIPTION than original.

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : No corrective action has been determined.  
ACTION

OCCURRENCES: SOURCE TYPE DOCUMENT NO. DATE DR STATUS  
HMT-303 PQDR I M55176-94-0078 01MAR95 CLOSED

ACTION : HMT-303 PQDR I M55176-94-0078 01MAR95 CLOSED

END ITEM : PART/DOC. NO. FSC NIIN NALC  
218F833 1005 01-230-1520  
NOMEN: GAU-17 DAS  
S/N: UNKNOWN  
FAILED PART: 67C4592 1005 00-460-5305  
NOMEN: SADDLE ASSEMBLY

DESCRIPTION:

During replacement of gun saddle casting, maintenance personnel were unable to attach the frame assembly to the saddle casting. Closer examination revealed the frame assembly mounts located on the saddle casting were 1/8 inch more shallow than the original part. Casting assembly appears to have various other manufacturing deficiencies.

ACTION TAKEN:

NAWC PT. MUGU 090029ZMAR95: Request NSWC Crane take for action and provide investigation results to all concerned upon completion.  
HMT-303 141044ZJUL95: Request provide status of investigation.  
HMT-303 050800ZSEP95: Request provide status of investigation.  
NSWC CRANE 012148ZAPR98: Request problem be closed due to lack of requested exhibit.

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 15920

(Continued)

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	:	NSWC CRANE	INVESTIGATE		COMPLETE 01APR98

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
	:	HMT-303 MESSAGE 011001ZMAR95	PROBLEM REPORT
	:	NAWC PT MUGU/311000E MESSAGE 090029ZMAR95	INTERIM RESPONSE
	:	HMT-303 MESSGE 141044ZJUL95	STATUS REQUEST
	:	HMT-303 MESSAGE 050800ZSEP95	STATUS REQUEST
	:	NSWC CRANE MESSAGE 012148ZAPR98	INVESTIGATION REPORT

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM  
PROBLEM NO 16059

CLOSED

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUN	1297710	1005	01-M14-2248	
	GUN	12977100	1005	01-M14-2248	

EI CNTRL NO:

PROB BRIEF : M240 STOPPED FIRING - BROKEN TRIGGER ASSEMBLY

PROBLEM : Gun experienced gun stoppage.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : Discrepant part shipped to NSWC Crane for investigation.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	HCS-4	CODR/EIR	V53811-96-0001	26FEB96	CLOSED
	HS-8	CODR	R09951-96-0003	04FEB96	CLOSED*
	HMLA-269	CODR/EIR	M08998-95-0079	20NOV95	CLOSED

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : HCS-4 CODR/EIR V53811-96-0001 26FEB96 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	1297710	1005	01-M14-2248	
	NOMEN: GUN			
	S/N: U24561			
FAILED PART:	1297710	1005	01-M14-2248	
	NOMEN: GUN			
	S/N: U24561			

DESCRIPTION:

M240D gun stopped firing after approximately 2100 rounds. While attempting to recharge gun, it was found that the bolt/operating rod assembly was jammed in the rearward position. After flight disassembly of weapon found the operating rod had sheared off the top of the trigger causing metal debris to lodge between the operating rod assembly and the sear.

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16059

(Continued)

**ACTION TAKEN:**

NAWC PT. MUGU 280229ZFEB96: Request that M240D gun be kept in its present condition and shipped to NSWC Crane for investigation.

Results will be provided to ALCON upon completion.

NAWC PT. MUGU 101429ZAPR96: Investigation revealed that the tripping lever P/N 11826242 was broken by the operating rod assembly and during all occurrences jammed the weapon and stopped it from firing.

There is a possibility for the broken part of the tripping lever to fall into the trigger housing and not jam the weapon, resulting in a runaway weapon and possible hardware damage and personnel injuries.

Firing of the M240D machine gun is restricted to that required to meet operational contingencies. COMNAVAIRSYSCOM 3.0 and 4.0 concur. As soon as possible ALCON will be notified regarding availability of replacement tripping levers. A one for one exchange system will be established until all fielded weapons have been repaired.

NAWC PT. MUGU 160029ZOC96: Tripping lever P/N 11826242 was confirmed as deficient in heat treating and will be replaced at the assembly level.

HS-8 231545ZDEC96: Request replacement parts be delivered to HS-8 by fastest traceable means. Parts required to support weapons det.

MAG-29 080900ZJUL97: Request provide current status of M240D guns.

MAG-29 110901ZJUL97: Request provide current status of M240D guns.

NSWC CRANE 031435ZAPR98: NSWC Crane recommends closure while awaiting funding to complete tasking.

NAWC PT. MUGU 140429ZAPR98: Due to the fact that all M240D guns have been recalled from the fleet, this is closing action.

<b>ACTION SUMMARY</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
		NSWC CRANE	INVESTIGATE		COMPLETE 14APR98

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		HCS-4 MESSAGE 261645ZFEB96	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 280229ZFEB96	INTERIM RESPONSE
		NAWC PT MUGU/311200E MESSAGE 101429ZAPR96	INFORMATION
		NAWC PT MUGU/311200E MESSAGE 160029ZOC96	STATUS UPDATE
		HS-8 MESSAGE 231545ZDEC96	PARTS REQUEST
		MAG-29 MESSAGE 080900ZJUL97	STATUS REQUEST
		MAG-29 MESSAGE 110901ZJUL97	STATUS REQUEST
		NSWC CRANE MESSAGE 031435ZAPR98	CLOSURE REQUEST
		NAWC PT MUGU /311200E MESSAGE 140429ZAPR98	CLOSING ACTION

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16059

(Continued)

ACTION : HMLA-269 CODR/EIR M08998-95-0079 20NOV95 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	1297710	1005	01-M14-2248	
	NOMEN: GUN			
	S/N: U43788			
FAILED PART:	11826240	1005	01-033-1526	
	NOMEN: TRIGGER ASSEMBLY			

**DESCRIPTION:**

During firing of M240D, gun stoppage occurred, inspection found trigger actuator broken, with top of actuator missing. Exhibit shipped to NSWC Crane per instructions. New component received from Crane and weapon was returned to service.

**ACTION TAKEN:**

NAWC PT. MUGU 270329ZNOV95: Request NSWC Crane take for action and provide investigation results to ALCON upon completion.

NAWC PT. MUGU 101429ZAPR96: Investigation revealed that the tripping lever, P/N 11826242 was broken by the operating rod assembly and during all occurrences jammed the weapon and stopped it from firing. There is a possibility for the broken part of the tripping lever to fall into the trigger housing and not jam the weapon resulting in a runaway weapon and possible hardware damage and personnel injuries. Firing of the M240D machine gun is restricted to that required to meet operational contingencies. COMNAVAIRSYSCOM 3.0 AND 4.0 concur. As soon as possible ALCON will be notified regarding availability of replacement tripping levers. A one for one exchange system will be established until all fielded weapons are repaired.

MALS-31 151923ZAPR96: Trigger housing assemblies have been removed from M240D guns and are being prepared for shipment. Invoice tracking numbers will be provided to ALCON.

NAWC PT. MUGU 160029ZOCOT96: The tripping lever P/N 11826242 has been confirmed as deficient in heat treating and will be replaced at the assembly level.

MAG-29 030900ZJUL97: Request provide current status of M240D guns.

MAG-29 080900ZJUL97: Request provide current status of M240D guns.

NSWC CRANE 012146ZAPR98: Requested exhibit has not been located by NAWC Pt. Mugu. Request this problem be closed due to lack of exhibits.

NSWC CRANE 031435ZAPR98: NSWC Crane recommends closure while awaiting funding.

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16059

(Continued)

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	:	NSWC CRANE	INVESTIGATE		COMPLETE 03APR98

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
	:	HMLA-269 MESSAGE 201608ZNOV95	PROBLEM REPORT
	:	NAWC PT MUGU/311200E MESSAGE 270329ZNOV95	INTERIM RESPONSE
	:	NAWC PT MUGU/311200E MESSAGE 101429ZAPR96	STATUS UPDATE
	:	MALS-36 MESSAGE 151923ZAPR96	EXHIBIT INFORMATION
	:	NAWC PT MUGU/311200E MESSAGE 160029ZOCT96	STATUS UPDATE
	:	MAG-29 MESSAGE 030900ZJUL97	STATUS REQUEST
	:	MAG-29 MESSAGE 080900ZJUL97	STATUS REQUEST
	:	NSWC CRANE MESSAGE 012146ZAPR98	INVESTIGATION REPORT
	:	NSWC CRANE MESSAGE 031435ZAPR98	CLOSURE REQUEST

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16060

CLOSED |

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUN	11691500	1005	00-165-4561	
	TURRET A/A49E-7	218F457	1005	01-224-0484	

EI CNTRL NO:

PROB BRIEF : W-2 CABLE MISSING DRIVE MOTOR CONNECTORS

PROBLEM : W-2 cable received missing drive motor connectors.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : No corrective action has been determined.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	HMLA-775	CODR	M55252-98-0018	21OCT98	CLOSED
	HMLA-269	CODR/EIR	M08998-95-0078	20NOV95	CLOSED

ACTION : HMLA-775 CODR M55252-98-0018 21OCT98 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	218F457	1005	01-224-0484	
	NOMEN: TURRET A/A49E-7			
	S/N: 3000006			
FAILED PART:	205F106	6150	01-017-5342	
	NOMEN: CABLE W-1			
	S/N: UNKNOWN			

DESCRIPTION:

W-1 cable found to be incorrectly wired, cable also found to be broken and separated from aft end of connector.

ACTION TAKEN:

NAWC PT. MUGU 270229ZOCT98: Recommend BCM Discrepant W-1 cable to supply, order replacement cable and return turret assembly to ready for issue status. Problem will be monitored for future occurrences. This is closing action.

ACTION SUMMARY	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
	NAWC PT MUGU /311200E	MONITOR		COMPLETE 27OCT98

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PROBLEM NO 16060

(Continued) |

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	HMLA-775 MESSAGE 211200Z OCT98	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	REPLY/CLOSING
	270229Z OCT98	

**ACTION :** HMLA-269 CODR/EIR M08998-95-0078 20NOV95 CLOSED

	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	11691500	1005	00-165-4561	
	<b>NOMEN:</b> GUN			
	<b>S/N:</b> UNKNOWN			
<b>SUB-ASSY :</b>	205-070-504-5	1560	00-759-2865	
	<b>NOMEN:</b> BEAM ASSEMBLY			
<b>FAILED PART:</b>	1698AS272	6150	01-375-4537	
	<b>NOMEN:</b> CABLE, ELECTRICAL			

**DESCRIPTION:**

W-2 cable received from supply missing drive motor connectors.

**ACTION TAKEN:**

NAWC PT. MUGU 220129Z NOV95: NSWC Crane requested to take this problem for action and provide disposition instructions for shipment of discrepant W-2 cable.

MALS-29 141310Z MAY96: Exhibit shipped on 02MAY96 FFT to NAWC Pt. Mugu under document V52841-6122-SR02.

NSWC CRANE 012146Z APR98: Exhibit cannot be located. Request closure of this problem due to none availability of the exhibit.

NAWC PT. MUGU 160029Z APR98: Concur with NSWC Crane. This is closing action.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE STATUS</b>
<b>SUMMARY</b>	NSWC CRANE	INVESTIGATE	COMPLETE 16APR98

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	HMLA-269 MESSAGE 201610Z NOV95	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	220129Z NOV95	
	MALS-29 MESSAGE 141310Z MAY96	SHIPPING DATA
	NSWC CRANE MESSAGE 012146Z APR98	CLOSURE REQUEST
	NAWC PT MUGU/311200E MESSAGE	CLOSING
	160029Z APR98	

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16094

CLOSED

END ITEM : NOMENCLATURE PART/DOC. NO. FSC NIIN NALC  
: GUN 12977100 1005 01-M14-2248

EI CNTRL NO:

PROB BRIEF : EXTRACTOR BROKEN

PROBLEM : Gun jammed, extractor broken.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : Turn in for repair.  
ACTION

OCCURRENCES: SOURCE TYPE DOCUMENT NO. DATE DR STATUS  
: HS-8 CODR R09951-96-0002 28JAN96 CLOSED

ACTION : HS-8 CODR R09951-96-0002 28JAN96 CLOSED

END ITEM : PART/DOC. NO. FSC NIIN NALC  
: 12977100 1005 01-M14-2248  
NOMEN: GUN  
S/N: U24722  
LOT NO: U24722  
FAILED PART: 12977100 1005 01-M14-2248  
NOMEN: GUN  
S/N: U24722

DESCRIPTION:

After firing approximately 3,000 rounds, weapon stopped firing. Inspection found a ruptured casing lodged in the barrel. Barrel was replaced, and after gun fired first round weapon stopped firing. Inspection by crewman found a broken bolt assembly.

ACTION TAKEN:

NAWC PT. MUGU 310229ZJAN96: Request weapon remain in its present condition. Ship weapon and ruptured casing to NSWC Crane for evaluation and repair. Request Crane provide investigation results to all concerned upon completion.

NSWC CRANE 211924ZJUL97: It has been determined that the extractor components were lost as a result of ammunition malfunction. When the round was fired the case split, resulting in excessively high pressure against the extractor, forcing the extractor down until the extractor spring pushed it forward. Separating the extractor from the

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PROBLEM NO 16094

(Continued)

bolt and traveled out the ejection port. This is considered and isolated incident. Request this problem be closed and monitored for future occurrences.

NAWC PT. MUGU 07012ZAUG97: Concur with NSWC Crane findings. This is closing action.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		NSWC CRANE	INVESTIGATE		COMPLETE 07AUG97

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		HS-8 MESSAGE 282340ZJAN96	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 310229ZJAN96	INTERIM RESPONSE
		NSWC CRANE MESSAGE 211924ZJUL97	INVESTIGATION REPORT/CLOSURE REQUEST
		NAWC PT MUGU/311200E MESSAGE 070129ZAUG97	CLOSING

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16101

OPEN

END ITEM : NOMENCLATURE PART/DOC. NO. FSC NIIN NALC  
: GUN 12977100 1005 01-M14-2248

EI CNTRL NO:

PROB BRIEF : FLEX MOUNT CRACKED/BROKEN

PROBLEM : Flex mount broke.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : No corrective action has been determined.  
ACTION

OCCURRENCES:	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
	MALS-26	CODR/EIR	M09167-96-0018	12APR96	CLOSED
	MALS-36	CODR/EIR	M09136-96-0009	25FEB96	OPEN
	HMLA-267	CODR	M09159-96-0003	06FEB96	OPEN
	MALS-36	CODR/EIR	M09136-96-0007	06FEB96	OPEN

ACTION : MALS-26 CODR/EIR M09167-96-0018 12APR96 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
	S/N: U24722			
	LOT NO:			
FAILED PART:	12977100	1005	01-M14-2248	
	NOMEN: GUN			
	S/N: U24722			

**DESCRIPTION:**

During post deployment inspection, two flex mounts were found to be cracked at the leading edge of the support cradle ammo cam bracket.

**ACTION TAKEN:**

NAWC PT. MUGU 020229ZMAY96: Request NSWC Crane take for action and notify ALCON of results. Problem will remain open pending completion of investigation.

CG SECOND MAW 031655ZMAY96: Current M240D firing restrictions are still in place. Guns are to be used for contingency operations only, not for training.

NSWC CRANE 091421ZMAY96: Deficient flex mounts were repaired during on site visit. Cracked cradle assemblies were turned over to Mr. Scott Ross and taken to NSWC Crane for repair. Non RFI flex mounts are now RFI, due to replacement of cracked cradle assemblies.

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PROBLEM NO 16101

(Continued)

Request further clarification on disposition instructions of completed flex mounts.

NAWC PT. MUGU 290229ZAUG97: A class I ECP is being established as the engineering document to bring the design into aviation qualification. The ECP will be funded by our Spares Smart Program (SSP) at Naval Inventory Control Point (NAVICP). It is estimated that hardware deliveries will commence in mid may 1998. Due to the cost of the program an open competition must be solicited for hardware procurement. The material successfully tested at NSWC Crane is machined aluminum. Machined steel was also tested and successfully demonstrated as being compatible. Aluminum parts tested are weight compatible with existing parts. The steel lower cradle assembly would add an additional three pounds to the end item. Testing will be presented to the flight structural office in Patuxent River and class desk. Weight considerations will be analyzed. M240 and M60 flight restrictions remain effect. All efforts are being made to expedite ECP processing and contract award due to fleet requirements to field this item.

NSWC CRANE 081417ZOCT97: NSWC Crane requests that all M240D machine guns be returned to NSWC Crane. Justification for return is a safety concern with the machine gun trigger assembly and mount lower cradle deficiency. A class I ECP for mount redesign to withstand over 600 pounds of machine gunner applied forces, which may be expected in a realistic environment. When assets are returned to the fleet the will be full RFI, not requiring any Aviation Armament Changes (AWC) to be incorporated by the fleet.

NWC CRANE 012145ZAPR98: Investigation has determined that the lower cradle made of cast aluminum does not have sufficient strength to resist fleet applied loads. funding requests to NAVAIR are in process. Project is expected to require nine months to deliver hardware to the fleet after receiving funding.

NAWC PT. MUGU 140229ZAPR98: Due to the fact that all M240 mounts have been recalled from the fleet, this is closing action.

<b>ACTION</b>	<b>:</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>		NSWC CRANE	INVESTIGATE		COMPLETE 14APR98

<b>REFERENCES</b>	<b>:</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
		MALS-26 MESSAGE 122145ZAPR96	PROBLEM REPORT
		NAWC PT MUGU/311200E MESSAGE 020229ZMAY96	INTERIM RESPONSE
		CG SECOND MAW MESSAGE 031655ZMAY96	INFORMATION
		NSWC CRANE MESSAGE 091421ZMAY96	REPAIR INFORMATION
		NAWC PT MUGU/473440E MESSAGE 290229ZAUG97	STATUS UPDATE
		NSWC CRANE MESSAGE 081417ZOCT97	RECALL OF M240D GUNS
		NSWC CRANE MESSAGE 012145ZAPR98	STATUS UPDATE

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PROBLEM NO 16101

(Continued)

NAWC PT MUGU/311200E MESSAGE  
140229ZAPR98

CLOSING ACTION

ACTION : MALS-36 CODR/EIR M09136-96-0009 25FEB96 OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	12977100	1005	01-M14-2248	
	NOMEN: GUN			
	S/N: UNKNOWN			
FAILED PART:	3392AS200	1005	01-025-8095	
	NOMEN: FLEX MOUNT			

**DESCRIPTION:**

Flex mount found cracked after firing approximately 4,750 rounds.

**ACTION TAKEN:**

NAWC PT. MUGU 280129ZFEB96: Request MALS-36 ship damaged flex mount to NAWC Pt. Mugu code 473440E for investigation. Results will be provided to ALCON upon completion.

NAWC PT. MUGU 290229ZAUG97: A class I ECP is being established as the engineering document to bring the design into aviation qualification. The ECP will be funded by our Spares Smart Program (SSP) at the Naval Inventory Control Point (NAVICP). It is estimated that hardware deliveries will commence mid may 1998. Due to the cost of the Program an open competition must be solicited for hardware procurement. The material successfully tested at NSWC Crane is machined aluminum. Machined steel was also tested and successfully demonstrated as being compatible. Aluminum parts tested are weight compatible with existing parts. The steel lower cradle assembly would add an additional three pounds to the end item. Testing will be presented to the flight structural office in Patuxent River and the class desk. Weight considerations will be analyzed. M240 and M60 flight restrictions remain in effect. All efforts are being made to expedite ECP processing and contract award due to fleet requirements to field this item.

NSWC CRANE 081417ZOCT97: NSWC Crane requests that all M240D machine guns be returned to NSWC Crane. Justification for return is a safety concern with the machine gun trigger assembly and mount lower cradle deficiency. A class I ECP for mount redesign to withstand over 600 pounds if machine gunner applied forces, which may be expected in a realistic environment. When assets are returned to the fleet they will be fully RFI, not requiring any Aviation Armament Changes (AWC) to be incorporated by the fleet.

NSWC CRANE 012145ZAPR98: Investigation has determined that the lower cradle made of cast aluminum does not have sufficient strength to resist fleet applied loads. Funding requests to NAVAIR and NAVICP are in process. Project is expected to require nine months to deliver hardware to the fleet after receiving funding.



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PROBLEM NO 16101

(Continued)

contract award will be taken due to fleet requirements top field this item.

NSWC CRANE 081417ZOCT97: NSWC Crane request that all M240D machine guns be returned to NSWC Crane. Justification for return is a safety concern with the machine gun trigger assembly and mount lower cradle deficiency. A class I ECP for mount redesign to withstand over 600 pounds of gunner applied forces, which may be expected in a realistic environment. When assets are returned to the fleet they will be fully RFI, not requiring any Aviation Armament Changes (AWC) to be incorporated by the fleet.

NAWS CRANE 012145ZAPR98: Investigation has determined that the lower cradle made of cast aluminum does not have sufficient strength to resist fleet applied loads. Funding requests to NAVAIR and NAVICP are in process. Project is expected to require nine months to deliver hardware to the fleet after receiving funding.

**ACTION :** **ACTIVITY/CODE** **ASSIGNMENT** **DUE DATE STATUS**  
**SUMMARY** NAWC PT MUGU/473440E INVESTIGATE 30JUN98 OPEN

**REFERENCES :** **IDENTIFICATION** **REFERENCE BRIEF**  
HMLA-267 MESSAGE 060700ZFEB96 PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE  
120029ZFEB96  
MALS-39 MESSAGE 040446ZMAR96 SHIPPING DATA  
NAWC PT MUGU/473440E MESSAGE STATUS UPDATE  
290229ZAUG97  
NSWC CRANE MESSAGE 081417ZOCT97 RECALL OF ALL M240D GUNS  
NSWC CRANE MESSAGE 012145ZAPR98 STATUS UPDATE

**ACTION :** **MALS-36** **CODR/EIR M09136-96-0007** **06FEB96 OPEN**

**END ITEM :** **PART/DOC. NO.** **FSC** **NIIN** **NALC**  
12977100 1005 01-M14-2248  
**NOMEN:** GUN  
**S/N:** UNKNOWN  
**FAILED PART:** 3392AS200 1005 01-025-8095  
**NOMEN:** FLEX MOUNT

**DESCRIPTION:**  
Flex mount found broken during firing.

**ACTION TAKEN:**  
NAWC PT. MUGU 120129ZFEB96: Request ship broken flex mount to NAWC Pt. Mugu for investigation. Results will be provided to ALCON upon completion.

NAWC PT. MUGU 290229ZAUG97: A class I ECP is being established as the engineering document to bring the design into aviation

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PROBLEM NO 16101

(Continued)

qualification. The ECP will be funded by our Spares Smart Program (SSP) at the Naval Inventory Control Point (NAVICP). It is estimated that hardware deliveries will commence in mid may 1998. Due to the cost of the program an open competition must be solicited for hardware procurement. The material successfully tested at NSWC Crane is machined aluminum. Machined steel was also tested and successfully demonstrated as being compatible. Aluminum parts tested are weight compatible with existing parts. The steel lower cradle assembly would add an additional three pounds to the end item. Testing will be presented to the flight structural office in Patuxent River and class desk. M240 and M60 flight clearance restrictions remain in effect. All efforts are being made to expedite the ECP processing and contract award due to fleet requirements to field this item.

NSWC CRANE 081417ZOCT97: NSWC Crane requests that all M240D machine guns be returned to NSWC Crane. Justification for return is a safety concern with the machine gun trigger assembly and mount lower cradle deficiency. A class I ECP for mount redesign to withstand over 600 pounds of gunner applied forces, which may be excepted in a realistic environment. When assets are returned to the fleet they will be fully RFI, not requiring any Aviation Armament Changes (AWC) to be incorporated by the fleet.

NSWC CRANE 012145ZAPR98: Investigation has determined that the lower cradle made of cast aluminum does not have sufficient strength to resist fleet applied loads. Funding requests to NAVAIR and NAVICP are in process. Project is expected to require nine months to deliver hardware to the fleet after receiving funding.

<b>ACTION :</b>	<b>ACTIVITY/CODE</b>	<b>ASSIGNMENT</b>	<b>DUE DATE</b>	<b>STATUS</b>
<b>SUMMARY</b>	NAWC PT MUGU/473440E	INVESTIGATE	30JUN98	OPEN

<b>REFERENCES :</b>	<b>IDENTIFICATION</b>	<b>REFERENCE BRIEF</b>
	MALS-36 MESSAGE 061921ZFEB96	PROBLEM REPORT
	NAWC PT MUGU/311200E MESSAGE 120129ZFEB96	INTERIM RESPONSE
	NAWC PT MUGU/473440E MESSAGE 290229ZAUG97	UPDATE
	NSWC CRANE MESSAGE 081417ZOCT97	RECALL OF ALL M240D GUNS
	NSWC CRANE MESSAGE 012145ZAPR98	STATUS UPDATE

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PROBLEM NO 16194

OPEN

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUN M60D	11699750	1005	00-909-3002	
	BOMB RACK EJECTOR	549AS400-1	1095	01-320-5988	

EI CNTRL NO:

PROB BRIEF : CRACK IN BARREL BORE

PROBLEM : Barrel cracked.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : Replace barrel.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	HSL-51	CODR	R55584-98-0014	23SEP98	OPEN
	HSL-46 SEA DUTY	CODR	V55149-96-1005	30SEP96	CLOSED*
	HS-11	PQDR I	V09954-96-0008	08AUG96	CLOSED*

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : HSL-51 CODR R55584-98-0014 23SEP98 OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	11699750	1005	00-909-3002	
	NOMEN: GUN M60D			
	S/N: UNKNOWN			
FAILED PART:	7269027	1005	00-608-5001	
	NOMEN: BARREL			
	S/N: UNKNOWN			

DESCRIPTION:  
M60D experienced a hang fire after firing approximately 50 rounds. Postflight inspection revealed a cracked barrel. Crack is at the point where it connects to the receiver.

ACTION TAKEN:  
NAWC PT. MUGU 280229ZSEP98: Request NSWC Crane take for action and provide investigation results to NAWC Pt. Mugu upon completion.

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
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PROBLEM NO 16194

(Continued)

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS	
SUMMARY	:	NSWC CRANE	INVESTIGATE	24DEC98	OPEN	
REFERENCES	:	IDENTIFICATION		REFERENCE BRIEF		
	:	HSL-51 MESSAGE 230430ZSEP98		PROBLEM REPORT		
	:	NAWC PT MUGU/311200E MESSAGE		INTERIM RESPONSE		
	:	280229ZSEP98				

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16279

OPEN

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUN	11699750	1005	00-605-7710	
	GUN M60D	11699750	1005	00-909-3002	

EI CNTRL NO:

PROB BRIEF : QUICK RELEASE PIN NOT INSTALLED PROPERLY ALLOWING GUN TO VIBRATE LOOSE

PROBLEM : Gun and mount assembly fell from aircraft.  
DESCRIPTION

PREVENTIVE : No preventive action taken.  
ACTION

CORRECTIVE : Ensure that preflight procedures are followed.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	HMH-461	CODR	M09582-98-0021	22JUL98	OPEN
	HSL-42 MAYPORT	CODR	V55145-97-9003	08MAY97	CLOSED*
	HSL-42	CODR	V53913-97-9002	04APR97	CLOSED*

\* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION : HMH-461 CODR M09582-98-0021 22JUL98 OPEN

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	11699750	1005	00-909-3002	
	NOMEN: GUN M60D			
	S/N: 13750			
FAILED PART:	11699750	1005	00-909-3002	
	NOMEN: GUN M60D			
	S/N: 13750			

DESCRIPTION:

While in the fuel pits, an attempt to swing the mount and gun mount inboard to secure the window. When aft gun mount pin was removed, the gun mount detached from the mount assembly and fell to the asphalt outside the aircraft.

ACTION TAKEN:

NAWC PT. MUGU 280129ZJUL98: Request NSWC take for action and provide investigation results to all concerned upon completion.

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
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PROBLEM NO 16279

(Continued)

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS	
SUMMARY	:	NSWC CRANE	INVESTIGATE	25OCT98	OPEN	
REFERENCES	:	IDENTIFICATION		REFERENCE BRIEF		
	:	HMH-461 MESSAGE 221630ZJUL98		PROBLEM REPORT		
	:	NAWC PT MUGU MESSAGE 280129ZJUL98		INTERIM RESPONSE		

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PROBLEM NO 16280

OPEN

END ITEM : NOMENCLATURE PART/DOC. NO. FSC NIIN NALC  
: GUN GAU-2B 65F9877 1005 00-903-0751

EI CNTRL NO:

PROB BRIEF : GUN DAMAGED DURING FIRING

PROBLEM : GAU-2B gun jammed inflight.  
DESCRIPTION

PREVENTIVE : Preventive action has not been determined.  
ACTION

CORRECTIVE : Corrective action has not been determined.  
ACTION

OCCURRENCES: SOURCE TYPE DOCUMENT NO. DATE DR STATUS  
: HMLA-169 CODR/EIR M09202-97-0003 10APR97 OPEN

ACTION : HMLA-169 CODR/EIR M09202-97-0003 10APR97 OPEN

END ITEM : PART/DOC. NO. FSC NIIN NALC  
: 65F9877 1005 00-903-0751  
NOMEN: GUN GAU-2B  
S/N: UNKNOWN  
FAILED PART: 65F9877 1005 00-903-0751  
NOMEN: GUN GAU-2B  
S/N: UNKNOWN

DESCRIPTION:

GAU-17 barrel noticed to be wobbling during firing. Barrel clamp flash suppressor was found hanging from the end of the barrels after firing ceased.

ACTION TAKEN:

NAWC PT. MUGU 140129ZAPR97: Request NSWC Crane take for action and provide investigation results to all concerned upon completion.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY : NSWC CRANE INVESTIGATE 10JUL97 OPEN

REFERENCES : IDENTIFICATION REFERENCE BRIEF  
HMLA-169 MESSAGE 101300ZAPR97 PROBLEM REPORT  
NAWC PT MUGU/311200E MESSAGE INTERIM RESPONSE  
140129ZAPR97

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16347

CLOSED

	<b>NOMENCLATURE</b>	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	GUN XM218	11691500	1005	01-165-4561	

**EI CNTRL NO:**

**PROB BRIEF :** BOLT STOP SHEARED OFF

**PROBLEM :** Bolt stop sheared off.  
**DESCRIPTION**

**PREVENTIVE :** No preventive action has been determined.  
**ACTION**

**CORRECTIVE :** No corrective action has been determined. Weapon requested for  
**ACTION** inspection.

	<b>SOURCE</b>	<b>TYPE</b>	<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>DR STATUS</b>
<b>OCCURRENCES:</b>	MALS-16	CODR	M09116-97-0031	24SEP97	CLOSED

<b>ACTION :</b>	<b>MALS-16</b>	<b>CODR</b>	<b>M09116-97-0031</b>	<b>24SEP97</b>	<b>CLOSED</b>
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	<b>PART/DOC. NO.</b>	<b>FSC</b>	<b>NIIN</b>	<b>NALC</b>
<b>END ITEM :</b>	11691500	1005	01-165-4561	
	<b>NOMEN:</b> GUN XM218			
	<b>S/N:</b> 1590191			
<b>FAILED PART:</b>	5009392	5315	00-500-9392	
	<b>NOMEN:</b> PIN STRAIGHT			
	<b>S/N:</b> UNKNOWN			

**DESCRIPTION:**

To enhance cooling of gun during a ground shoot, the bolt of XM-218 was held to the rear by placing the forward end of the extractor/ejector into the groove of the bolt stop. After approximately 60 seconds, the bolt suddenly moved forward to the battery position. When the bolt was tried to be pulled back to again lock the bolt to the rear, it was noted that the bolt stop had sheared off the main housing.

**ACTION TAKEN:**

NAWC PT. MUGU 020029Z OCT 97: Request NSWC Crane take for action and provide investigation results to all concerned upon completion.  
NSWC CRANE 061815Z MAR 98: Inspection of the receiver revealed that the bolt stop had a fatigue failure. This the first report of this type received. Request problem be closed and monitored for further occurrences.

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PROBLEM NO 16347

(Continued)

ACTION	:	ACTIVITY/CODE	ASSIGNMENT	DUE DATE	STATUS
SUMMARY	:	NSWC CRANE	INVESTIGATE		COMPLETE 06MAR98

REFERENCES	:	IDENTIFICATION	REFERENCE BRIEF
	:	MALS-16 MESSAGE 241640ZSEP97	PROBLEM REPORT
	:	NAWC PT MUGU/311200E MESSAGE	INTERIM RESPONSE
	:	020029ZOCT97	
	:	NSWC CRANE MESSAGE 061815ZMAR98	INVESTIGATION/CLOSURE
	:		REQUEST

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16453

CLOSED |

	NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	GUN XM218	11691500	1005	01-165-4561	
	GUN M60D	11699750	1005	00-909-3002	

EI CNTRL NO:

PROB BRIEF : RIVETS LOOSE ON RECEIVER BODY

PROBLEM : M60D receivers found with loose rivets.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : Either repair or BCM and requisition replacement assets.  
ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	MALS-29	CODR/EIR	M52841-98-0009	31JUL98	CLOSED
	MALS-26	CODR/EIR	M09167-98-0018	30JUL98	CLOSED

ACTION : MALS-29 CODR/EIR M52841-98-0009 31JUL98 CLOSED

	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM :	11691500	1005	01-165-4561	
NOMEN:	GUN XM218			
S/N:	1141045, 1142442, 1142740, 1142802, 1142816, 1142997, 1143016, 239643, 284336, 576496			
FAILED PART:	11691500	1005	01-165-4561	
NOMEN:	GUN XM218			
S/N:	1141045			

**DESCRIPTION:**

During weapons inspection for loose belt holding pawl bracket, ten weapons found with loose brackets.

**ACTION TAKEN:**

NAWC PT. MUGU 040529ZAUG98: NAWC Pt. Mugu does not consider this a valid deficiency report submittal. If MALS-29 cannot perform maintenance on the guns, recommend they should BCM' and requisition replacement assets. NA 11-95-13 will be revised in the future to identify rejection/disposition criteria. Problem will be monitored for future occurrences. This is closing action.



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PROBLEM NO 16490

CLOSED |

END ITEM : NOMENCLATURE PART/DOC. NO. FSC NIIN NALC  
GAU-17 DAS 218F833 1005 01-230-1520

EI CNTRL NO:

PROB BRIEF : CRACKED ROTOR

PROBLEM : Rotor found cracked during post fire inspection.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : No corrective action has been determined.  
ACTION

OCCURRENCES: SOURCE TYPE DOCUMENT NO. DATE DR STATUS  
HCS-5 CODR/EIR R53812-98-0018 21DEC98 CLOSED

ACTION : HCS-5 CODR/EIR R53812-98-0018 21DEC98 CLOSED

END ITEM : PART/DOC. NO. FSC NIIN NALC  
218F833 1005 01-230-1520  
NOMEN: GAU-17 DAS  
S/N: S2015A  
FAILED PART: 65D9770 1005 00-139-1518  
NOMEN: ROTOR ASSY  
S/N: UNKNOWN

DESCRIPTION:

During post fire inspection, a crack was found in the gun rotor assembly.

ACTION TAKEN:

NAWC PT. MUGU 280329ZDEC98: Request NSWC Crane take for action and provide investigation results to all concerned upon completion.  
NSWC CRANE 282050ZAPR99: On site inspection of rotor assembly revealed defective assembly, unit was advised that no assemblies are available and gun should be shipped to NSWC Crane and a replacement weapon requisitioned. Recommend this discrepancy report be closed.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY NSWC CRANE INVESTIGATE COMPLETE 28APR99

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PROBLEM NO 16490

(Continued) |

REFERENCES : IDENTIFICATION

HCS-5 MESSAGE 211333ZDEC98  
NAWC PT MUGU/311200E MESSAGE  
280329ZDEC98  
NSWC CRANE MESSAGE 282050ZAPR99

REFERENCE BRIEF

PROBLEM REPORT  
INTERIM RESPONSE  
INVESTIGATION REPORT

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16491

CLOSED |

END ITEM : NOMENCLATURE PART/DOC. NO. FSC NIIN NALC  
GAU-17 DAS 218F833 1005 01-230-1520

EI CNTRL NO:

PROB BRIEF : GUN TIMING PIN MISSING

PROBLEM : Gun timing pin found missing during depreservation.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : Return to NSWSC Crane.  
ACTION

OCCURRENCES: SOURCE TYPE DOCUMENT NO. DATE DR STATUS  
HCS-5 CODR/EIR R53812-98-0019 21DEC98 CLOSED

ACTION : HCS-5 CODR/EIR R53812-98-0019 21DEC98 CLOSED

END ITEM : PART/DOC. NO. FSC NIIN NALC  
218F833 1005 01-230-1520  
NOMEN: GAU-17 DAS  
S/N: S9018  
FAILED PART: 218F833 1005 01-230-1520  
NOMEN: GAU-17 DAS  
S/N: S9018

DESCRIPTION:

During depreservation inspection of gun, gun timing pin was found missing.

ACTION TAKEN:

NAWC PT. MUGU 300729ZDEC98: Request return discrepant weapon to NSWSC Crane. Ensure paperwork is annotated "missing gun timing pin". Recommend requisition replacement asset. Problem will be monitored for future occurrences. This is closing action.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY NAWC PT MUGU/311200E MONITOR COMPLETE 30DEC98

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SMALL CALIBER GUNS AND AMMUNITION ACTIVE  
AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16491

(Continued) |

REFERENCES : IDENTIFICATION

HCS-5 MESSAGE 211335ZDEC98  
NAWC PT MUGU/311200E MESSAGE  
300729ZDEC98

REFERENCE BRIEF

PROBLEM REPORT  
REPLY/CLOSING

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16507

CLOSED |

END ITEM : NOMENCLATURE PART/DOC. NO. FSC NIIN NALC  
MAU-201/A FEEDER 218F380 1005 00-921-6241

EI CNTRL NO:

PROB BRIEF : CORRODED PARTS

PROBLEM : MAU-201 feeder received with corroded parts.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : Turn discrepant feeder in to supply and requisition replacement  
ACTION asset.

OCCURRENCES: SOURCE TYPE DOCUMENT NO. DATE DR STATUS  
MALS-26 PQDR I M09167-99-0004 05MAR99 CLOSED

ACTION : MALS-26 PQDR I M09167-99-0004 05MAR99 CLOSED

END ITEM : PART/DOC. NO. FSC NIIN NALC  
218F380 1005 00-921-6241  
NOMEN: MAU-201/A FEEDER  
S/N: UNKNOWN  
FAILED PART: 218F380 1005 00-921-6241  
NOMEN: MAU-201/A FEEDER  
S/N: UNKNOWN

DESCRIPTION:

MAU-201 feeder received from supply corroded. All packaging and container had no apparent damage.

ACTION TAKEN:

NAWC PT. MUGU 310129ZMAR99: This is considered a one time occurrence as this is the first report of this type to NAWC Pt. Mugu and does not warrant an investigation for proper packaging material. Request turn discrepant material in to supply and requisition replacement part. No further action. Problem will be monitored for future occurrences. This is closing action.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY NAWC PT MUGU/311000E MONITOR COMPLETE 31MAR99

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16507

(Continued) |

REFERENCES : IDENTIFICATION

MALS-26 MESSAGE 050246ZMAR99  
NAWC PT MUGU/311000E MESSAGE  
310129ZMAR99

REFERENCE BRIEF

PROBLEM REPORT  
REPLY/CLOSING

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16522

OPEN

END ITEM : NOMENCLATURE PART/DOC. NO. FSC NIIN NALC  
GAU-16 DAS 1698AS190 1005 01-250-5782

EI CNTRL NO:

PROB BRIEF : .50 CAL ROUNDS FELL OVERBOARD INFLIGHT

PROBLEM : .50 Caliber ammo streamed out of ammo during transit to firing area.  
DESCRIPTION

PREVENTIVE : No preventive action has been determined.  
ACTION

CORRECTIVE : No corrective action has been determined.  
ACTION

OCCURRENCES: SOURCE TYPE DOCUMENT NO. DATE DR STATUS  
MAWTS-1 CODR M55167-99-0010 17APR99 OPEN

ACTION : MAWTS-1 CODR M55167-99-0010 17APR99 OPEN

END ITEM : PART/DOC. NO. FSC NIIN NALC  
1698AS190 1005 01-250-5782  
NOMEN: GAU-16 DAS  
S/N: 1199529  
FAILED PART: 1698AS190 1005 01-250-5782  
NOMEN: GAU-16 DAS  
S/N: 1199529

DESCRIPTION:

A complete belt of .50 caliber ammo came out of the ammo can in flight and was lost over board. Gun was stowed in an approved NATOPS configuration for transit to firing area.

ACTION TAKEN:

NAWC PT. MUGU 260829ZAPR99: Request NSWC Crane take for action and investigate. Results to be provided to all concerned upon completion.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS  
SUMMARY NSWC CRANE INVESTIGATE 19JUL99 OPEN

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AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO 16522

(Continued) |

REFERENCES : IDENTIFICATION

MAWTS-1 MESSAGE 170800ZAPR99  
NAWC PT MUGU/311000E MESSAGE  
260829ZAPR99

REFERENCE BRIEF

PROBLEM REPORT  
INTERIM RESPONSE