

UNCLASSIFIED

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01 11 121236Z JUL 95 PP PP UUUU AA ZYUW

NO

CDRATCOM ST LOUIS MO//AMSAT-R-X//

AIG 6713

AIG 9004

AIG 9042

AIG 8708

AIG 7515

AIG 7471

AIG 12124

DCM APMO OZARK AL//DCMDS-RCQA//

ASP42 81ST ARCOM DOBBINS AFB GA

CDR4THBN228THAVN SOTO CANO HO//AVN-AMO//

102DARMY SCOTT AFB IL//AFRC-AMO-ASP-IL//

CDRAPGSA ABERDEEN PROVING GROUND MD//STEAP-PF-V//

CDRCBDCOM ABERDEEN PROVING GROUND MD//AMSCB-CMA//

JOHNSON CONWORLD SVC INC KWAJALEIN MH//PAT2//

DIRAAOD HOLLOMAN AFB NM//STEW-AA//

USCS CNAC OKLAHOMA CITY OK//AMI//

USDOCO LANDSOUTHEAST ISMIR TU//AV//

FAA SOUTHWEST RGN HQ FT WORTH TX//ASW-AEG//

DPRO BELL HELICOPTER FORT WORTH TX//DCMDS-RBOB/RBP//

CP: AMSAT-I-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-I-IAP,
AMSAT-I-ILNO(RAAP), AMSAT-I-LOS(AOC)

JIM WILKINS, AEROSPACE ENGINEER MINIMIZE CONSIDERED:
AMSAT-R-X, X2258

NORBERT R. KNIOPP, X2178

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*eng
Bifocal mount
corrosion
UH-1-95ASAM-04
TB 1-1520-210-20-27*

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NO

CDROSAC FT BELVOIR VA//ANAV-OS/ANAV-RW-M/ANAV-CR//

WALLOPS FLIGHT FACILITY NASA WALLOPS ISLAND VA

//CODE 831.2 AIRCRAFT QA//

INFO HQAFSPC PETERSON AFB CO//LGM//

CDRUSASDC WASHINGTON DC//CSSD-ZA//

SEC STATE WASHINGTON DC//NEA/MFO//

US CUSTOMS SERVICE WASHINGTON DC//AVIATION

OPERATIONS//

AFSOC HURLBURT FIELD FL//LGMW//

PROGMGR AIR FIELD TWO TWO FIVE PENSACOLA FL//PMA225//

NAVAVNDEPOT PENSACOLA FL//310B//

WR-ALC ROBINS AFB GA//LUHA//

HQ PACAF HICKAM AFB HI//DO/LGM//

HQ AMC SCOTT AFB IL//LG/LGP/LGQ/SEF/DO/DOT/DOV/

DOX//

89AW ANDREWS AFB MD//LG//

CDR FT BRAGG NC//AFZA-GT-OM//

CDR HQ 1ST COSCOM FT BRAGG NC//LOGOPS AVN SECT

AFVH-DC-L//

CDR WHITE SANDS MISSILE RANGE NM//STEW-AA/

CF: AMSAT-I-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-I-IAF,
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STEWS-NRO-CR-C//

DISC PHILADELPHIA PA//QEBB-JU//

CDR LSE AVIATION IZMIR TU//LSE//

ACC LANGLEY AFB VA//DOH/LGRC//

PMSW VHFS WARRENTON VA//SFAE-IEW-SG//

XMT USDAO DHAKA BG

USDAO RANGOON BM

USCINCPAC REP PHNOM PENH CB

USDAO COLOMBO CE

USDAO SUVA FJ

DSA NEW DELHI IN

AEMBASSY ANTANANARIVO MA

AEMBASSY PORT LOUIS

SAO KUALA LUMPUR MY

AEMBASSY KATHMANDU NP//POL-MIL//

AEMBASSY VICTORIA

UNCLAS

SUBJECT - AVIATION SAFETY ACTION MESSAGE, MAINTENANCE
MANDATORY, RCS CSGLD-1860(R1), ALL UH-1 H/V SERIES AIRCRAFT,
INSPECTION OF ENGINE BIPOD MOUNT ASSEMBLY (UH-1-95-ASAM-04)

CF: AMSAT-I-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-I-IAF,
AMSAT-I-ILNO(RAAF), AMSAT-I-LOS(AOC)

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(TB 1-1520-210-20-27).

NOTE - THIS IS AN AVIATION SAFETY ACTION MESSAGE ISSUED PER AR 95-3, CHAPTER 5 REVISION VIA MESSAGE HQ AVSCOM, AMSAV-XSOF, 181900Z SEP 90, SUBJECT: CHANGE TO AR 95-3, CHAPTER 5, SAFETY OF FLIGHT MESSAGES. THIS MESSAGE HAS NOT BEEN TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSEES. ADDRESSEES SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED. THE RETRANSMITTAL SHALL REFERENCE THE MESSAGE. ACTION ADDRESSES WILL IMMEDIATELY VERIFY THIS RETRANSMISSION TO COMMANDER, ATCOM, ATTN - AMSAT-R-X (SOF COMPLIANCE OFFICER).

1. PRIORITY CLASSIFICATION -

A. AIRCRAFT IN USE - UPON RECEIPT OF THIS MESSAGE THE CONDITION STATUS SYMBOL OF THE CITED AIRCRAFT WILL BE CHANGED TO A RED HORIZONTAL DASH //-//. THE RED HORIZONTAL DASH //-// MAY BE CLEARED WHEN THE INSPECTION OF PARA 8 BELOW IS COMPLETED. THE AFFECTED AIRCRAFT SHALL BE INSPECTED AS SOON AS PRACTICAL BUT NO LATER THAN THE TASK/INSPECTION SUSPENSE DATE. FAILURE TO COMPLY WITH THE

CF: AMSAT-I-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-I-IAF, AMSAT-I-ILNO(RAAF), AMSAT-I-LOS(AOC)

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NO

REQUIREMENTS OF THIS MESSAGE WITHIN THE TIME FRAME WILL
CAUSE THE STATUS SYMBOL TO BE UPGRADED TO A RED //X//.

B. AIRCRAFT IN DEPOT MAINTENANCE - AIRCRAFT WILL NOT
BE ISSUED UNTIL COMPLIANCE WITH THIS ASAM HAS BEEN
COMPLETED.

C. AIRCRAFT UNDERGOING MAINTENANCE - SAME AS PARA 1B.

D. AIRCRAFT IN TRANSIT -

(1) SURFACE/AIR SHIPMENT - PRIOR TO FIRST FLIGHT.

(2) FERRY STATUS - INSPECT AT FINAL DESTINATION.

E. MAINTENANCE TRAINERS (CATEGORY A,B) - N/A.

F. COMPONENT/PARTS IN STOCK INCLUDING WAR RESERVES AT
ALL LEVELS (DEPOT AND OTHERS) - N/A.

2. TASK/INSPECTION SUSPENSE DATE - WITHIN 25 FLIGHT HOURS
OR 30 CALENDER DAYS, AFTER RECEIPT OF THIS MESSAGE.

3. REPORTING COMPLIANCE SUSPENSE DATE - NO LATER THAN 2 AUG 1995 PER
PARA 14A OF THIS MESSAGE.

4. SUMMARY OF PROBLEM -

A. THE AFT LEG OF AN ENGINE BIPOD MOUNT HAS FAILED DUE
TO CORROSION AND OPERATIONAL VIBRATION. THE CORROSION
INITIATED IN THE AREA BENEATH THE CLAMP WHICH ATTACHES THE

CF: AMSAT-I-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-I-IAF,
AMSAT-I-ILNO(RAAF), AMSAT-I-LOS(AOC)

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BRACE TO THE AFT TUBE. THE CLAMP MAY NOT HAVE BEEN TIGHT AND MOVEMENT/VIBRATION OCCURED WEARING OFF THE PROTECTIVE COATING (PAINT) ON THE TUBE. THE AREA UNDER THE CLAMP IS NOT NORMALLY INSPECTED DURING ROUTINE MAINTENANCE. DUE TO THE AGE OF THE UH-1 FLEET, IT IS LIKELY THAT OTHER BIPOD ASSEMBLIES MAY ALSO EXHIBIT THIS PROBLEM.

B. FOR MANPOWER/DOWNTIME AND FUNDING IMPACTS SEE PARA 12.

D. THE PURPOSE OF THIS MESSAGE IS TO REQUIRE A ONE TIME INSPECTION OF THE ENGINE BIPOD MOUNT FOR DAMAGE AND CORROSION.

5. END ITEMS TO BE INSPECTED - ALL UH-1H/V SERIES AIRCRAFT.

6. ASSEMBLY COMPONENTS TO BE INSPECTED -

NOMENCLATURE	PART NO.	NSN
ENGINE BIPOD ASSEMBLY	205-060-106-1	1560-00-967-1752

7. PARTS TO BE INSPECTED -

NOMENCLATURE	PART NO.	NSN
CLAMP	45C20AAD12	5340-00-593-3392

8. INSPECTION PROCEDURES -

(1) GAIN ACCESS TO ENGINE BIPOD ASSEMBLY.

CF: AMSAT-I-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-I-IAF, AMSAT-I-ILNO(RAAF), AMSAT-I-LOS(AOC)

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NO

(2) REMOVE NUT, FIGURE 87, ITEM 30, BOLT, ITEM 32, AND CLAMP, ITEM 33.

(3) INSPECT LEG OF BIPOD ASSEMBLY AT THE CLAMP LOCATION. CLEAN UP ANY CORROSION WHICH IS FOUND. INSPECT FOR DAMAGE. DAMAGE SHOULD NOT EXCEED LIMITS GIVEN IN TM 55-1520-210-23-1, PARAGRAPH 2-270.

(4) IF DAMAGE LIMITS ARE NOT EXCEEDED, TOUCH-UP ANY BARE METAL SURFACE WITH EPOXY PRIMER. ALLOW PAINT TO DRY AND RE-INSTALL CLAMP ASSEMBLY. ASSURE THAT NUT, ITEM 30, INSTALLED ON BOLT, ITEM 32, IS TORQUED PROPERLY.

9. CORRECTION PROCEDURES -

(1) ENGINE BIPOD ASSEMBLIES WHICH ARE DAMAGED BEYOND LIMITS MUST BE DISPOSED OF IN ACCORDANCE WITH PARAGRAPH 10D.

(2) WHEN INSTALLING A NEW BIPOD ASSEMBLY, ASSURE THAT NUT, ITEM 30, INSTALLED ON BOLT, ITEM 32, IS TORQUED PROPERLY.

10. SUPPLY/PARTS AND DISPOSITION -

A. PARTS REQUIRED - ITEMS CITED IN PARAGRAPHS 6 AND 7 MAY BE REQUIRED TO REPLACE DEFECTIVE ITEMS.

B. REQUISITIONING INSTRUCTIONS - REQUISITION

CF: AMSAT-I-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-I-IAF, AMSAT-I-ILNO(RAAF), AMSAT-I-LOS(AOC)

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REPLACEMENT PARTS THROUGH NORMAL SUPPLY CHANNELS USING
NORMAL SUPPLY PROCEDURES. ALL REQUISITIONS SHALL USE
PROJECT CODE "XBC" PER THIS MESSAGE.

NOTE

PROJECT CODE "XBC" IS REQUIRED TO TRACK AND ESTABLISH A DATA
BASE OF STOCK FUND EXPENDITURES INCURRED BY THE FIELD AS A
RESULT OF ASAM/SOF ACTIONS.

C. BULK AND CONSUMABLE MATERIALS - N/A.

D. DISPOSITION - DISPOSE OF REMOVED PARTS/COMPONENTS
IN ACCORDANCE WITH NORMAL SUPPLY PROCEDURES. A QDR IS NOT
REQUIRED.

E. DISPOSITION OF HAZARDOUS MATERIAL - N/A.

11. SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED - N/A.

12. APPLICATION -

A. CATEGORY OF MAINTENANCE - AVUM. AIRCRAFT DOWNTIME
WILL BE CHARGED TO AVUM.

B. ESTIMATED TIME REQUIRED -

(A) TOTAL OF 4 MANHOURS USING 2 PERSONS.

(B) TOTAL OF 4 HOURS DOWNTIME FOR ONE END ITEM.

C. ESTIMATED COST IMPACT OF STOCK FUND ITEMS TO THE

CF: AMSAT-I-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-I-IAF,
AMSAT-I-ILNO(RAAF), AMSAT-I-LOS(AOC)

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NO

FIELD -

NOMENCLATURE	PART NO.	NSN	QUANTITY	COST EA.	TOTAL \$
ENGINE BIPOD	205-060-106-1	1560-00-967-1752	1	\$158.0	\$158.00

ASSEMBLY

CLAMP	45C20AAD12	5340-00-593-3392	1	\$1.44	\$1.44
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TOTAL COST PER AIRCRAFT = \$159.44

D. TB/MWOS TO BE APPLIED PRIOR TO OR CONCURRENTLY WITH THIS INSPECTION - N/A.

E. PUBLICATIONS WHICH REQUIRE CHANGE AS A RESULT OF THIS INSPECTION - N/A.

13. REFERENCES -

A. TM55-1520-210-23-P1.

B. TM55-1520-210-23-1.

14. RECORDING AND REPORTING REQUIREMENTS -

A. REPORTING COMPLIANCE SUSPENSE DATE (AIRCRAFT) -

UPON ENTERING REQUIREMENTS OF THIS MESSAGE ON DA FORM 2408-13 ON ALL SUBJECT MDS AIRCRAFT, FORWARD A PRIORITY MESSAGE, DATAFAX OR E-MAIL TO COMMANDER, ATCOM, ATTN: AMSAT-R-X (SOP COMPLIANCE OFFICER), PER AR 95-3. DATAFAX NUMBER IS DSN 693-2064 OR COMMERCIAL 314/263-2064. E-MAIL ADDRESS IS "AMSATRX
 CP: AMSAT-I-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-I-IAF, AMSAT-I-ILNO(RAAF), AMSAT-I-LOS(AOC)

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