

01 13 111612Z APR 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//

CDR4THBN228THAVN SOTO CANO HO//AVN-AMO//

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

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

AMEMBASSY NAIROBI KE//SOMALI LIAISON OFFICE//

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

JOHNSON CONWORLD SVC INC KWAJALEIN MH//PAT2//

DIRAAGD HOLLOMAN AFB NM//STEW-AA/GE/GS//

USCS CNAC OKLAHOMA CITY OK//AMI//

USDOC LANDSOUTHEAST IZMIR TU//AV//

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

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

CF: AMCPM-CO, AMSAT-I-WAU, AMSAT-R-EIH, AMSAT-R-ECH, AMSAT-I-IAP,
AMSAT-I-ILNO(RAAF), AMSAT-I-LOS(AOC), AMSAT-I-ILNO(IS)

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

NORBERT R. KNIOPP, X2178

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111612ZAPR95

*trans
odds filter
mount*
*UH-1-95-ASAM-02
TB 1-1520-243-20
22*

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02 13 111612Z APR 95 PP PP UUUU AA ZYUW

NO

WALLOPS FLIGHT FACILITY NASA WALLOPS ISLAND VA//

CODE 831.2 AIRCRAFT QA//

INFO TSM ATK HEL FT RUCKER AL//ATZQ-TSM-A//

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 AMC SCOTT AFB IL//LG/LGF/LGQ/SEP/DO/DOT/DOV/

DOX//

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//STEWS-AA/NRO-CR-C/

MMSI//

DISC PHILADELPHIA PA//QEBB-JU//

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

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NO

CDR LSE AVIATION IZMIR TU//LSE//

HQ ACC LANGLEY AFB VA//DOB/LGRC//

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

XMT USDAO DHAKA BG

USDAO RANGOON BM

USCINCPAC REP PHNOM PENH CB

USDAO COLOMBO CE

USDAO SUVA FJ

DSA NEW DELHI IN

AMEMBASSY ANTANANARIVO MA

AMEMBASSY PORT LOUIS

SAO KUALA LUMPUR MY

AMEMBASSY KATHMANDU NP//POL-MIL//

AMEMBASSY VICTORIA

UNCLAS

SUBJECT - AVIATION SAFETY ACTION MESSAGE, MAINTENANCE

MANDATORY, RCS CSGLD-1860(R1), FOR ALL AH-1F AND UH-1H/V

AIRCRAFT WITH MWO 1-1520-236-50-30 AND MWO 1-1520-242-50-2,

OIL DEBRIS DETECTION SYSTEM (ODDS), APPLIED (AH-1-95-ASAM

01) (TB 1-1520-243-20-22) AND (UH-1-95-ASAM-02)(TB 1-1520

CF: AMCPM-CO, AMSAT-I-WAU, AMSAT-R-BIH, AMSAT-R-ECH, AMSAT-I-IAP,
AMSAT-I-ILNO(RAAF), AMSAT-I-LOS(AOC), AMSAT-I-ILNO(IS)

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243-20-22)

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

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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 - SAME AS PARA 1A.

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

D. AIRCRAFT IN TRANSIT -

(1) SURFACE/AIR SHIPMENT - SAME AS PARA 1A.

(2) FERRY STATUS - SAME AS PARA 1A.

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 30 FLIGHT HOURS/
90 DAYS.

3. REPORTING COMPLIANCE SUSPENSE DATE - NO LATER THAN 2 MAY 95
PER PARA 14A OF THIS MESSAGE.

4. SUMMARY OF PROBLEM -

A. FIELD UNIT REPORTED THAT DURING DAILY INSPECTION THE
FOUR MOUNTING SCREWS FOR THE TRANSMISSION ODDS DEBRIS
MONITOR ELECTRICAL CONNECTOR WERE FOUND LOOSE OR MISSING.
UPON FURTHER INVESTIGATION IT WAS NOTED THAT THE MOUNTING
SCREWS ON THE 42 DEGREE GEARBOX ODDS CHIP DETECTOR WERE ALSO

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

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NO

LOOSE. THE 90 DEGREE GEARBOX SCREWS WERE TIGHT, HOWEVER, THE POTENTIAL EXISTS FOR THEM TO BECOME LOOSE ALSO. THIS PROBLEM WAS NOTED ON SEVERAL AIRCRAFT. THE ENGINE OIL DEBRIS DETECTION SYSTEM ALREADY UTILIZES LOCKWIRED SCREWS AND IS NOT EFFECTED BY THIS MESSAGE.

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

C. THE PURPOSE OF THIS MESSAGE IS TO REPLACE EXISTING HARDWARE ON THE ODDS WITH MS35265-13 SCREWS FOR THE TRANSMISSION ELECTRICAL CONNECTOR AND MS35265-12 SCREWS FOR THE 42 AND 90 DEGREE GEARBOX ELECTRICAL CONNECTORS, WHICH WILL ALLOW FOR LOCKWIRING OF THE SCREWS.

5. END ITEMS TO BE INSPECTED - ALL AH-1F AND UH-1H/V AIRCRAFT WITH MWO 1-1520-236-50-30 AND MWO 1-1520-242-50-2 INSTALLED.

6. ASSEMBLY COMPONENTS TO BE INSPECTED -

NOMENCLATURE	PART NO.	NSN
TRANSMISSION ELECTRICAL CONNECTOR	M83723/88H803N	5930-01-160-8628

42 AND 90 DEGREE GEARBOX	1B833P	1650-01-322-6652
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CP: AMCPM-CO, AMSAT-I-WAU, AMSAT-R-EIH, AMSAT-R-ECH, AMSAT-I-IAF, AMSAT-I-ILNO(RAAF), AMSAT-I-LOS(AOC), AMSAT-I-ILNO(IS)

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NO

CHIP DETECTOR PROBES

7. PARTS TO BE REPLACED -

NOMENCLATURE	PART NO.	NSN
TRANSMISSION SCREW	NAS600-4	5305-00-616-8083
42 AND 90 DEGREE GEARBOX	NAS600-3	5305-00-616-8082

CHIP DETECTOR SCREW

8. INSPECTION PROCEDURES - INSPECT AIRCRAFT RECORDS TO VERIFY THE INCORPORATION OF THE ODDS, MWO 1-1520-236-50-30 OR MWO 1-1520-242-50-2. IF AIRCRAFT HAS NOT BEEN MODIFIED WITH THE ODDS, NO FURTHER ACTION IS NECESSARY. IF THE ODDS IS INSTALLED COMPLETE CORRECTION PROCEDURES OF PARAGRAPH 9.

9. CORRECTION PROCEDURES -

A. MAKE AIRCRAFT SAFE FOR MAINTENANCE.

B. GAIN ACCESS TO THE FOLLOWING LOCATIONS:

(1) TRANSMISSION ODDS DEBRIS MONITOR (2)

42 DEGREE GEARBOX ODDS CHIP DETECTOR (3)

90 DEGREE GEARBOX ODDS CHIP DETECTOR.

CAUTION

SOME SCREWS HAVE BEEN INSTALLED BY THE MANUFACTURER

USING LOCKTITE. USE OF EXCESSIVE FORCE DURING REMOVAL

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

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NO

MAY RESULT IN TWISTING OFF OF THE SCREW HEAD.

C. ATTEMPT TO REMOVE SCREWS, NAS600-3/-4, WITH A SCREWDRIVER USING LIGHT TO MODERATE FORCE. IF SCREWS WILL NOT TURN, THEY PROBABLY WERE INSTALLED WITH LOCKTITE. APPLY HEAT TO THE ELECTRICAL CONNECTOR USING A HOT AIR GUN TO SOFTEN THE LOCKTITE. WHILE CONNECTOR IS HEATED, REMOVE SCREWS. INSTALL NEW SCREWS, MS35265-12, NSN 5305-00-811 9853, FOR THE 42 AND 90 DEGREE GEARBOX INSTALLATIONS AND MS35265-13, NSN 5305-00-543-2024 FOR THE TRANSMISSION INSTALLATION. TORQUE TO STANDARD TORQUE. INSTALL A SINGLE STRAND OF STEEL LOCKWIRE, MS20995C20, THROUGH SCREW HEADS AND CONTINUE LOCKWIRE FROM SCREWS UP TO CANNON PLUG FOR A POSITIVE LOCK.

10. SUPPLY/PARTS AND DISPOSITION -

- A. PARTS REQUIRED - REPLACE DEFECTIVE ITEMS CITED IN PARAGRAPHS 7 WITH PARTS IDENTIFIED IN PARA 9C.
- B. REQUISITIONING INSTRUCTIONS - N/A.
- C. BULK AND CONSUMABLE MATERIALS - N/A.
- D. DISPOSITION - DISPOSE OF REMOVED PARTS/COMPONENTS

IN ACCORDANCE WITH NORMAL SUPPLY PROCEDURES. A QDR IS NOT

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

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NC

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 MAINTENANCE.

B. ESTIMATED TIME REQUIRED -

(1) TOTAL OF 4 MANHOURS USING 1 PERSONS.

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

C. ESTIMATED COST IMPACT OF STOCK FUND ITEMS TO THE
FIELD - N/A.

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) TM 55-1520-210-23-1.

(B) TM 55-1520-210-23P-1.

(C) TM 55-1520-236-23.

(D) TM 55-1520-236-23P.

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

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(E) MWO 1-1520-242-50-2.

(F) MWO 1-1520-236-50-30.

14. RECORDING AND REPORTING REQUIREMENTS -

A. REPORTING COMPLIANCE SUSPENSE DATE (AIRCRAFT) UPON ENTERING REQUIREMENTS OF THIS MESSAGE ON DA FORM 2408-13-1 ON ALL SUBJECT MDS AIRCRAFT, FORWARD A PRIORITY MESSAGE, DATAFAX OR E-MAIL TO COMMANDER, ATCOM, ATTN: AMSATR-X (SOF COMPLIANCE OFFICER), PER AR 95-3. DATAFAX NUMBER IS DSN 693-2064 OR COMMERCIAL 314/263-2064. E-MAIL ADDRESS IS "AMSATRXS (AT SIGN) ST-LOUIS-EMH4.ARMY.MIL". THE REPORT WILL CITE THIS MESSAGE NUMBER, DATE OF ENTRY IN DA FORM 240813-1, THE AIRCRAFT MISSION DESIGN SERIES AND SERIAL NUMBERS OF AIRCRAFT IN NUMERICAL ORDER.

B. TASK/INSPECTION REPORTING SUSPENSE DATE (AIRCRAFT)

N/A.

C. REPORTING COMPLIANCE SUSPENSE DATE (SPARES) - N/A.

D. TASK/INSPECTION REPORTING SUSPENSE DATE (SPARES) -

N/A.

E. THE FOLLOWING FORMS ARE APPLICABLE AND ARE TO BE COMPLETED IN ACCORDANCE WITH DA PAM 738-751, 15 JUN 92

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

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