

UNCLASSIFIED

01 13 131537Z MAR 97 PP PP UUUU AA ZYUW

NO

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

AIG 8881

AIG 9004

AIG 9042

AIG 8708

AIG 7515

AIG 7471

AIG 12124

DCM APMO OZARK AL//DCMDE-AOA//

ASP42 81ST ARCOM DOBBINS AFB GA

CDRCBDCOM ABERDEEN PROVING GROUND MD//AMSCB-OP/OPA//

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

RAYTHEON RANGE SYSTEMS ENGINEERING KWAJALEIN MH//PAT2//

CDR WHITE SANDS MISSILE RANGE NM//STEWS-NRS-AA-MQA//

CDRDPG DUGWAY UT//STEDP-AVN//

USDOCO LANDSOUTHEAST IZMIR TU//AV//

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

WALLOPS FLIGHT FACILITY NASA WALLOPS ISLAND VA

//CODE 831.2 AIRCRAFT QA//

INFO HQAFSPC PETERSON AFB CO//LGM/SEF//

CF: AMSAT-D-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-D-SAF,  
AMSAT-D-SLNO(RAAF), AMSAT-I-LOS(AOC)

DAVE SCOTT, AEROSPACE ENGINEER  
AMSAT-R-X, X2045

MINIMIZE CONSIDERED

NORBERT R. KNIEPP, X2178

UNCLASSIFIED

131537ZMAR97

*new ltr tape over  
UH-1-97-ASAM-02*

UNCLASSIFIED

03 13 131537Z MAR 97 PP PP UUUU AA ZYUW

NO

USDAO SUVA FJ

DSA NEW DELHI IN

AMEMBASSY ANTANANARIVO MA

AMEMBASSY PORT LOUIS

SAO KUALA LUMPUR MY

AMEMBASSY KATHMANDU NP//POL-MIL//

UNCLAS

SUBJECT - AVIATION SAFETY ACTION MESSAGE, MAINTENANCE  
MANDATORY, RCS CSGLD-1860(R1), ALL UH-1 SERIES, NIGHT VISION  
GOGGLE OPERATIONAL RESTRICTIONS AND NAVIGATION/POSITION  
LIGHT INSPECTION, (UH-1-97-ASAM-02) (TB 1-1520-210-20-34)

NOTE - THIS IS AN AVIATION SAFETY ACTION MESSAGE AND 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 -

CF: AMSAT-D-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-D-SAF,  
AMSAT-D-SLNO(RAAF), AMSAT-I-LOS(AOC)

DAVE SCOTT, AEROSPACE ENGINEER      MINIMIZE CONSIDERED  
AMSAT-R-X, X2045

NORBERT R. KNIEPP, X2178

UNCLASSIFIED

131537ZMAR97

UNCLASSIFIED

06 13 131537Z MAR 97 PP PP UUUU AA ZYUW

NO

B. OBSCURING OR REDUCING THE LIGHT INTENSITY OF THESE EXTERNAL LIGHTS IS IN VIOLATION OF THE FEDERAL AVIATION ADMINISTRATION REGULATIONS FOR NIGHT TIME OPERATIONS IN CIVIL AIRSPACE. WHILE OPERATING AT NIGHT IN CIVIL AIR SPACE, ALL EXTERIOR LIGHTS ON ARMY AIRCRAFT ARE REQUIRED TO BE ON AND IN BRIGHT MODE UNLESS THE AREA OF OPERATIONS CONFORMS TO THAT DESCRIBED BY FAA EXEMPTION 3946D.

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

D. THE PURPOSE OF THIS MESSAGE IS:

(1) TO REQUIRE A ONE-TIME INSPECTION OF THE POSITION LIGHTS AND REMOVE ANY MATERIALS FROM THE LENSES WHICH OBSCURES NORMAL OPERATION OF THE LIGHTS. LENSES SHALL BE REPLACED IF THE OBSCURING MATERIAL CANNOT BE REMOVED.

(2) ENSURE FLIGHT PERSONNEL ARE INFORMED OF THE RESTRICTIONS ON NVG OPERATIONS IN THE CIVIL AIR SPACE SYSTEM AND WHEN POSITION LIGHTING IS REQUIRED.

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

6. ASSEMBLY COMPONENTS TO BE INSPECTED - ALL EXTERIOR NAVIGATION AND POSITION LIGHTS.

CF: AMSAT-D-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-D-SAF, AMSAT-D-SLNO(RAAF), AMSAT-I-LOS(AOC)

DAVE SCOTT, AEROSPACE ENGINEER      MINIMIZE CONSIDERED  
AMSAT-R-X, X2045

NORBERT R. KNIOPP, X2178

UNCLASSIFIED

131537ZMAR97

UNCLASSIFIED

07 13 131537Z MAR 97 PP PP UUUU AA ZYUW

NO

7. PARTS TO BE INSPECTED - N/A.

8. INSPECTION PROCEDURES -

A. LOCATE ALL EXTERIOR NAVIGATION AND POSITION LIGHTS.

NOTE:

SOME LENSES WERE PAINTED ON THE INSIDE OF THE LENS. IT MAY BE NECESSARY TO TURN ON THE NAVIGATION/POSITION LIGHTS TO DETERMINE IF THE INSIDE OF THESE LENSES ARE PAINTED.

B. VISUALLY INSPECT LENSES FOR THE PRESENCE OF PAINT, TAPE, OR OTHER MATERIAL THAT WOULD OBSCURE NORMAL OPERATION OF THE LIGHT ASSEMBLIES.

C. IF LENSES ARE FREE OF OBSCURING MATERIALS, NO FURTHER MAINTENANCE ACTION IS REQUIRED. PERSONNEL MUST STILL BE AWARE OF THE FLIGHT PROCEDURES CONTAINED IN PARAGRAPH 4D. IF LENSES ARE OBSCURED, PERFORM CORRECTIVE PROCEDURE OF PARAGRAPH 9.

9. CORRECTION PROCEDURES -

A. AIRCRAFT LIGHTING -

(1) COMPLETELY REMOVE OBSCURING MATERIAL FROM LENSES. PAINT CAN BE REMOVED USING AN ABRASIVE PAD (SCOTCH

CF: AMSAT-D-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-D-SAF, AMSAT-D-SLNO(RAAF), AMSAT-I-LOS(AOC)

DAVE SCOTT, AEROSPACE ENGINEER      MINIMIZE CONSIDERED  
AMSAT-R-X, X2045

NORBERT R. KNIEPP, X2178

UNCLASSIFIED

131537ZMAR97

UNCLASSIFIED

08 13 131537Z MAR 97 PP PP UUUU AA ZYUW

NO

BRITE). IF TAPE WAS REMOVED AND TAPE RESIDUE REMAINS ON THE LENS, USE A SOLVENT TO REMOVE RESIDUE BEING CAREFUL NOT TO DAMAGE SURROUNDING PAINTED SURFACES.

NOTE:

SOME ASSEMBLIES WERE FOUND TO BE INSTALLED WITH A SEALANT WHICH MAY BE HARD TO REMOVE. CARE SHOULD BE TAKEN IN REMOVING THE LENS TO PREVENT DAMAGING THE ASSEMBLY.

(2) IF THE INTERIOR OF THE LENS IS PAINTED, REMOVAL OF THE LENS IS REQUIRED. INSPECT LENS AFTER PAINT REMOVAL. IF THE INSIDE SURFACE OF THE LENS APPEARS ROUGH AND IS NO LONGER TRANSLUCENT, OR IF THE PAINT CANNOT BE TOTALLY REMOVED, REPLACE LENS.

B. FLIGHT PROCEDURES -

(1) US ARMY AIRCRAFT ARE REQUIRED BY AR 95-1 TO HAVE THE POSITION LIGHTS ON BRIGHT BETWEEN THE HOURS OF OFFICIAL SUNSET AND SUNRISE. THIS ALSO APPLIES TO ALL INDIVIDUAL AIRCRAFT IN MULTI-AIRCRAFT OPERATIONS.

(2) LIGHTS OUT/DIM OPERATIONS MAY ONLY BE CONDUCTED AS PART OF NVG TRAINING MISSIONS, AND ONLY IN CF: AMSAT-D-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-D-SAF, AMSAT-D-SLNO(RAAF), AMSAT-I-LOS(AOC)

DAVE SCOTT, AEROSPACE ENGINEER      MINIMIZE CONSIDERED  
AMSAT-R-X, X2045

NORBERT R. KNEIPP, X2178

UNCLASSIFIED

131537ZMAR97

UNCLASSIFIED

09 13 131537Z MAR 97 PP PP UUUU AA ZYUW

NO

STRICT ACCORDANCE WITH AR 95-2, PARAGRAPH 9-2. THE MAXIMUM ALTITUDE ABOVE GROUND (AGL) FOR LIGHTS OUT OPERATIONS HAS BEEN INCREASED TO 500 FEET AGL BY FAA EXEMPTION 3946D. ALSO, LIGHTS OUT OPERATIONS WITHIN 5 NAUTICAL MILES OF ANY PUBLIC USE AIRPORT ARE PROHIBITED. ALL OTHER RESTRICTIONS OF AR 95-2 REMAIN UNCHANGED.

(3) WHEN TRANSITIONING FROM NVG TRAINING AREAS TO CIVIL AIRSPACE, INCLUDING TEMPORARY ASCENTS TO ALTITUDES ABOVE 500 AGL, AIRCRAFT POSITION LIGHTS SHALL BE SET TO BRIGHT UNLESS UTILIZING A SPOTTER AIRCRAFT PER AR 95-2.

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 REPLACEMENT PARTS THROUGH NORMAL SUPPLY CHANNELS USING NORMAL SUPPLY PROCEDURES.

C. BULK AND CONSUMABLE MATERIALS - N/A.

D. DISPOSITION - DISPOSE OF REMOVED PARTS/COMPONENTS IN ACCORDANCE WITH NORMAL SUPPLY PROCEDURES.

E. DISPOSITION OF HAZARDOUS MATERIAL - N/A.

CF: AMSAT-D-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-D-SAF, AMSAT-D-SLNO(RAAF), AMSAT-I-LOS(AOC)

DAVE SCOTT, AEROSPACE ENGINEER      MINIMIZE CONSIDERED  
AMSAT-R-X, X2045

NORBERT R. KNIOPP, X2178

UNCLASSIFIED

131537ZMAR97

UNCLASSIFIED

10 13 131537Z MAR 97 PP PP UUUU AA ZYUW

NO

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 -

(1) TOTAL OF 1 MANHOURS USING 1 PERSON.

(2) TOTAL OF 1 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 - MWO 55-1520-210-50-10 OR MWO 55-1520-210-  
50-11 OR MWO 55-1520-210-50-12.

E. PUBLICATIONS WHICH REQUIRE CHANGE AS A RESULT OF  
THIS INSPECTION - TM 55-1520-210-10 (15 FEB 88), TM 55-1520-  
210-23-2 (30 SEPT 87) SHALL BE CHANGED TO REFLECT THIS  
MESSAGE. A COPY OF THIS MESSAGE SHALL BE INSERTED IN THE  
APPROPRIATE TM AS AUTHORITY TO IMPLEMENT THE CHANGE UNTIL  
THE PRINTED CHANGE IS RECEIVED.

13. REFERENCES - N/A.

14. RECORDING AND REPORTING REQUIREMENTS -

CF: AMSAT-D-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-D-SAF,  
AMSAT-D-SLNO(RAAF), AMSAT-I-LOS(AOC)

DAVE SCOTT, AEROSPACE ENGINEER      MINIMIZE CONSIDERED  
AMSAT-R-X, X2045

NORBERT R. KNIOPP, X2178

UNCLASSIFIED

131537ZMAR97