

FAXED VERSION OF AVIATION SAFETY ACTION MESSAGE # UH-1-93-ASAM-01

UNCLAS

01 12 162000Z NOV 92 PP PP UUUU ZEXW 3211300Z

SUBJECT - AVIATION SAFETY ACTION MESSAGE, MAINTENANCE MANDATORY, RCS  
CSGLD-1860(R1), ALL UH-1H/V AIRCRAFT, ONE TIME INSPECTION FOR  
CRASHWORTHY AUXILIARY FUEL TANK PROVISIONS (UH-1-93-ASAM-01) (TB  
1-1520-210-20-20)

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-C-XS (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 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 RELEASED  
UNTIL COMPLIANCE WITH THIS ASAM MESSAGE 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 - N/A.

F. COMPONENTS IN STOCK INCLUDING WAR RESERVES AT ALL LEVELS -N/A.

2. TASK/INSPECTION SUSPENSE DATE - WITHIN 50 DAYS FROM THE DATE OF THIS  
MESSAGE OR 50 FLIGHT HOURS WHICHEVER COMES FIRST.

3. REPORTING COMPLIANCE SUSPENSE DATE - N/A.

4. SUMMARY OF PROBLEM -

A. CRASHWORTHY PROVISIONS FOR 300 GALLON INTERNAL AUXILIARY FUEL  
TANKS WERE AUTHORIZED FOR CERTAIN SERIAL NUMBERED UH-1 AIRCRAFT BY  
MODIFICATION WORK ORDER (MWO) 55-1520-210-30-42 DATED 17 OCT 79.

B. ALL OF THE AIRCRAFT LISTED IN THE MWO WERE NOT MODIFIED DUE TO A  
SHORTAGE OF MWO KITS.

C. SOME AIRCRAFT RECORDS INDICATE THAT THE MWO HAS BEEN APPLIED,  
WHEN IN FACT, THEY DO NOT HAVE THE CRASHWORTHY PROVISIONS INSTALLED.

D. THE USE OF AUXILIARY INTERNAL TANKS HAS GROWN WITHIN THE UH-1  
FLEET RESULTING IN THEIR INSTALLATION ON AIRCRAFT THAT HAVE NOT BEEN  
MODIFIED WITH THE CRASHWORTHY PROVISIONS.

E. INSTALLATION OF THE INTERNAL AUXILIARY CRASHWORTHY FUEL TANKS IN  
AIRCRAFT THAT ARE NOT MODIFIED WITH THE CRASHWORTHY PROVISIONS  
COMPROMISES THE INTEGRITY OF THE CRASHWORTHY SYSTEM AND IS NOT  
AUTHORIZED.

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

G. THE PURPOSE OF THIS MESSAGE IS -

*internal  
fuel tanks*

*UH-1-93-ASAM-01*

(1) TO REQUIRE A ONE TIME INSPECTION FOR THE INSTALLATION OF THE CRASHWORTHY AUXILIARY FUEL TANK PROVISIONS AND REPORT THE RESULTS OF THAT INSPECTION.

(2) TO PROVIDE INSPECTION PROCEDURES USED TO VERIFY THE INSTALLATION OF THE CRASHWORTHY AUXILIARY FUEL TANK PROVISIONS.

(3) TO RESTRICT THE USE OF AUXILIARY FUEL TANKS TO THOSE AIRCRAFT WHICH HAVE BEEN MODIFIED TO THE CRASHWORTHY CONFIGURATION

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

6. ASSEMBLY COMPONENTS TO BE INSPECTED - N/A.

7. PARTS TO BE INSPECTED - N/A.

8. INSPECTION PROCEDURES -

A. LOCATE ACCESS DOORS (TM 55-1520-210-23P-1, FIGURE 64, ITEM 12 AND FIGURE 66, ITEM 10) ON UNDERNEATH SIDE OF HELICOPTER FUSELAGE. REMOVE DOOR ATTACHMENT HARDWARE AND REMOVE DOORS FROM AIRCRAFT.

WARNING

THE INSPECTION FOR FLEXIBLE HOSES WAS CHOSEN FOR EASE IN DETERMINING MWO APPLICATION ONLY. APPLICATION OF THE MWO INVOLVES OTHER HARDWARE CHANGES. CHANGING TO FLEXIBLE HOSES ALONE DOES NOT CONSTITUTE COMPLIANCE WITH THE MWO AND IS NOT AUTHORIZED.

B. USE A FLASHLIGHT, IF NECESSARY, TO INSPECT THE INTERIOR OF THE FUSELAGE. LOCATE THE FUEL LINES RUNNING FROM THE MAIN FUEL TANK SYSTEM TO THE AUXILIARY FUEL TANK ATTACHMENT FITTINGS MOUNTED IN THE FLOOR OF THE CARGO COMPARTMENT.

C. IDENTIFY WHETHER THESE FUEL LINES ARE RIGID METALLIC LINES OR FLEXIBLE RUBBER LINES.

D. IF FLEXIBLE RUBBER LINES ARE INSTALLED, THE CRASHWORTHY AUXILIARY FUEL TANK PROVISIONS ARE INSTALLED AND THE AIRCRAFT IS CLEARED FOR OPERATION WITH THE AUXILIARY FUEL TANKS.

9. CORRECTION PROCEDURES -

A. IF RIGID METALLIC LINES ARE INSTALLED, THE CRASHWORTHY AUXILIARY FUEL TANK PROVISIONS HAVE NOT BEEN INSTALLED AND THE AIRCRAFT IS NOT AUTHORIZED TO OPERATE USING THE AUXILIARY FUEL TANKS.

B. CHECK DA FORM 2408-5 (EQUIPMENT MODIFICATION) FOR MWO RECORDED AS APPLIED. IF DETERMINED THAT MWO IS NOT APPLIED, DRAW A SINGLE LINE THROUGH ENTRY IAW 738-751, PG 184, PARA 4.-4, C.(4)(D).

C. REPORT FINDINGS OF THIS INSPECTION PER PARAGRAPH 14B.

D. REPLACE DOORS REMOVED IN PARAGRAPH 8A.

10. SUPPLY/PARTS AND DISPOSITION - 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. TIME REQUIRED -

(1) TOTAL OF .5 MANHOURS USING 1 PERSON.

(2) TOTAL OF .5 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 - TM 55-1520-210-23-1, TM 55-1520-210-10.

13. REFERENCES -

A. TM 55-1520-210-23P-1, DTD 27 FEB 81, THRU CHG 25 DTD 30 APR 92.

B. TM 55-1520-210-10, DTD 15 FEB 88, THRU CHG 10 DTD 18 APR 91.



## 14. RECORDING AND REPORTING REQUIREMENTS -

A. REPORTING COMPLIANCE SUSPENSE DATE (AIRCRAFT) - N/A.

B. TASK/INSPECTION REPORTING SUSPENSE DATE (AIRCRAFT) - UPON COMPLETION OF INSPECTION, UNITS WILL FORWARD A PRIORITY MESSAGE TO THEIR MACOM POINT OF CONTACT LISTED IN PARA 16C. THE REPORT WILL CITE THIS TB, THE UNIT POINT OF CONTACT, UNIT LOCATION, AIRCRAFT MODEL, AIRCRAFT SERIAL NUMBER AND RESULTS OF THE INSPECTION. INSPECTION AND REPORTS WILL BE COMPLETED NO LATER THAN 10 DAYS AFTER TASK/INSPECTION SUSPENSE DATE. MACOM WILL PROVIDE A CONSOLIDATED RESPONSE TO POC IN PARA 16B NLT 20 DAYS AFTER TASK/SUSPENSE DATE.

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 -

- (1) DA FORM 2408-5, EQUIPMENT MODIFICATION RECORD.
- (2) DA FORM 2408-13, AIRCRAFT STATUS INFORMATION RECORD.
- (3) DA FORM 2408-13-1, AIRCRAFT INSPECTION AND MAINTENANCE

RECORD.

- (4) DA FORM 2408-15, HISTORICAL RECORD FOR AIRCRAFT.

15. WEIGHT AND BALANCE - N/A.

16. POINTS OF CONTACT -

A. TECHNICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. FRED KERSHAW, AMSAT-R-ECH, DSN 693-1683 OR COMMERCIAL 314/263-1683.

B. LOGISTICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. CHARLIE ELKINS, AMSAT-W-AU, DSN 693-2004 OR COMMERCIAL 314/263-2004.

C. MACOM POINTS OF CONTACT FOR TASK/INSPECTION REPORTING:

AMC	JOHN SAVELLI	284-9891
FORSCOM	DWAYNE RAYMER	367-7274
MDW	CPT MILLER	354-4583
NGB	DON BOWES	584-1742
TRADOC	MSG LEWIS	680-3246
USAREUR	PHIL ASSAF	COMM. 011-49-6332-86-6628
USARSO	LTC ELLIS COMM.	011-507-87-6607
USARAAC	CW4 HEATH	438-9892
USAIC	JOHN FERGUSON	879-2842
KOREA MSG	JAMES	723-4428
RESERVES	MONTE MCDONALD	572-4360
MFO	SOAIR/SCAVSM	COMM. 011-972-3-561-5773 EXT.2831
SDC	MAJOR KEIL	254-2140
INSCOM	CAPT WHITE	229-2169

D. FORMS AND RECORDS POINT OF CONTACT FOR THIS MESSAGE IS MR. WILLIAM WALDROP/JOHN ZUBER, AMSAT-I-MDM, DSN 693-1821/1955 OR COMMERCIAL 314/263-1821/1955.

E. SAFETY POINT OF CONTACT FOR THIS MESSAGE IS MS. TERESE MCGREW, AMSAT-C-XS, DSN 693-2285/2085 OR COMMERCIAL 314/263-2285/2085.

F. FOREIGN MILITARY SALES (FMS) RECIPIENTS REQUIRING CLARIFICATION OF ACTION ADVISED BY THIS MESSAGE SHOULD CONTACT MW4 JAY NANCE/MR. RON VAN REES, AMSAT-I, DSN 693-3826 OR COMMERCIAL 314/263-3826.

G. AFTER HOURS CONTACT ATCOM COMMAND OPERATIONS CENTER (COC) DSN 693-2066/7 OR COMMERCIAL 314/263-2066/7.