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*UH-1-98-ASAM-02
sync elevators
removal of all
chem Fab*

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181421Z NOV 97 PP PP UUUU AA ZYUW FROM :CDRAMCOM REDSTONE ARSENAL
AL//AMSAM-SF-A// TO :AIG 8881 :AIG 9004 :AIG 9042 :AIG 7515 :AIG 7471 :AIG
12124 :DCM APMO OZARK AL//DCMDE-AOA// :ASF42 81ST ARCOM DOBBINS AFB
GA :CDRCBDCOM ABERDEEN PROVING GROUND MD//AMSCB-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// :DCMC BELL HELICOPTER FORT WORTH
TX//DCMDW-RKD// :WALLOPS FLIGHT FACILITY NASA WALLOPS ISLAND VA ://CODE
831.2 AIRCRAFT QA// INFO :HQAFSPC PETERSON AFB CO//LGM/SEF// :CDRMDW
WASHINGTON DC//ANLG-LS// :CDRUSASDC WASHINGTON DC//CSSD-ZA// :SEC STATE
WASHINGTON DC//NEA/MFO// :AFSOC HURLBURT FIELD FL//LGMW// :HQ PACAF
HICKAM AFB HI//DO/LGM// :HQ AMC SCOTT AFB
IL//LG/LGF/LGQ//DO//DOT//DOV//DOX//SEF// :89AW ANDREWS AFB MD//LG// :89OG
ANDREWS AFB MD//CC//OGV// :1HS ANDREWS AFB MD//CC//DO// :CDR FT BRAGG
NC//AFZA-GT-OM// :CDR HQ 1ST COSCOM FT BRAGG NC//LOGOPS AVN SECT// :FAA
AERONAUTICALCEN OKLAHOMA CITY OK//AFS-620// :DISC PHILADELPHIA PA//QEBB-
JU// :CDR LSE AVIATION IZMIR TU//LSE// :FAA SOUTHWEST RGN HQ FORT WORTH
TX//ASW-100// :PMSW VHFS WARRENTON VA//SFAE-IEW-SG// XMT : ACCT : TEXT

Subject

AVIATION SAFETY ACTION MESSAGE, MAINTENANCE MANDATORY,

RCS CSGLO-1860 (R1), ALL UH-1 H/V AIRCRAFT, MANDATORY INSPECTION
AND REMOVAL OF ELEVATOR ASSEMBLIES, UH-1-98-ASAM-02 (TB 1-1520-
210-20-37).

NOTE - THIS IS AN AVIATION SAFETY ACTION MESSAGE ISSUED IAW AR 95-
1, CHAPTER 6, 1 SEP 97. 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 ADDRESSEES WILL IMMEDIATELY VERIFY THIS TRANSMISSION TO CDR, AMCOM, ATTN: AMSAM-SF-A (SOF COMPLIANCE OFFICER).

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 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 ISSUED UNTIL COMPLIANCE WITH THIS ASAM HAS BEEN COMPLETED.
- 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 AND B) - N/A.
- F. COMPONENT/PARTS IN STOCK AT ALL LEVELS (DEPOT AND OTHERS) INCLUDING WAR RESERVES - UPON RECEIPT OF THIS MESSAGE THE MATERIAL CONDITION TAGS OF ALL ITEMS IN ALL CONDITION CODES LISTED IN PARAGRAPH 6 SHALL BE ANNOTATED TO READ "UH-1-98-ASAM-02, MANDATORY INSPECTION AND REMOVAL OF ELEVATOR ASSEMBLIES NOT COMPLIED WITH".
 - (1) WHOLESALE STOCK - N/A.
 - (2) RETAIL STOCK - UPON RECEIPT OF THIS MESSAGE COMMANDERS AND OTHERS MAINTAINING RETAIL STOCK AT INSTALLATION LEVEL AND BELOW SHALL CONTACT THE SUPPORTED AVIATION UNIT TO PERFORM THE INSPECTION REQUIRED BY PARAGRAPHS 8 AND THE CORRECTION PROCEDURES OF PARAGRAPH 9 ON DISCREPANT MATERIEL. DISPOSITION OF DISCREPANT MATERIEL WILL BE IAW PARAGRAPH 10. REPORT COMPLIANCE WITH THIS MESSAGE IAW PARAGRAPH 14A.
- G. COMPONENTS/PARTS IN WORK (DEPOT LEVEL AND OTHERS) - N/A.

Task/Inspection Suspense Date

- WITHIN NEXT 10 FLIGHT HOURS

OR 15 DAYS, WHICHEVER OCCURS FIRST.

Reporting Compliance Suspense Date

- NO LATER THAN 11 DEC 97

IAW PARA 14A OF THIS MESSAGE.

Summary of Problem

A. INSPECTION OF UH-1 ELEVATORS, MANUFACTURED BY CHEM FAB CORPORATION, RESULTED IN THE DISCOVERY OF ABRASIONS ON THE ELEVATOR SPAR. THESE ABRASIONS WERE LIKELY CAUSED BY A DRILLING OPERATION USED IN ATTACHING THE SKIN TO THE RIBS DURING ASSEMBLY OF THE ELEVATOR. ALL CHEM FAB ELEVATORS ARE SUSPECT. THE SPAR IS THE FATIGUE SENSITIVE COMPONENT ON WHICH THE 3600 HOUR ELEVATOR LIFE IS BASED. THESE ABRASIONS CAN CAUSE STRESS CONCENTRATION POINTS WHICH CAN REDUCE FATIGUE LIFE. IN ORDER TO REDUCE THE CHANCE OF PREMATURE FAILURE, ALL CHEM FAB ELEVATORS

SHALL BE REMOVED FROM SERVICE NO LATER THAN 365 DAYS FROM THE DATE OF INSPECTION. TO FACILITATE PROCUREMENT OF AN ADEQUATE NUMBER REPLACEMENT ELEVATORS, A MANDATORY REPORTING OF ALL ELEVATOR SERIAL NUMBERS AND OPERATING TIMES IS REQUIRED.

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

C. THE PURPOSE OF THIS MESSAGE IS TO REQUIRE MANDATORY REMOVAL OF ELEVATORS MANUFACTURED BY CHEM FAB CORPORATION SERVICE WHEN THEY REACH THEIR 3600 HOUR RETIREMENT LIFE BUT NO LATER THAN 365 CALENDAR DAYS FROM THE DATE OF THE INSPECTION AND TO REQUIRE REPORTING OF SERIAL NUMBERS AND OPERATING TIMES ON ALL UH-1 ELEVATORS.

End Items To Be Inspected

- ALL UH-1H/V AIRCRAFT.

Assembly Components to be Inspected

NOMENCLATURE	PART NO.	NSN
ELEVATOR ASSEMBLY, L/H	205-030-856-19	1560-00-996-3906
ELEVATOR ASSEMBLY, R/W	205-030-856-21	1560-00-996-3905

Parts to be Inspected

- N/A.

Inspection Procedures

- GAIN ACCESS TO THE ELEVATOR ASSEMBLY.
- IDENTIFY AND RECORD THE SERIAL NUMBER ON THE DATA PLATE LOCATED ON THE UNDERNEATH SKIN NEAR THE TRAILING EDGE ON THE INBOARD END OF THE ELEVATOR.
- VERIFY THE SERIAL NUMBER OF THE ELEVATOR WITH THE AIRCRAFT DA FORM 2408-16 AND RECORD THE CURRENT OPERATING TIME SINCE NEW (TSN). MAKE SURE THAT THE TSN IS CURRENT.
- FOR ELEVATORS IN STOCK, IDENTIFY AND RECORD THE SERIAL NUMBER. VERIFY THE SERIAL NUMBER USING THE COMPONENT DA FORM 2410 AND RECORD THE TSN.

Correction Procedures

- FOR ELEVATOR ASSEMBLIES WITH A "CF" SERIAL NUMBER PREFIX, ANNOTATE AIRCRAFT RECORDS TO REQUIRE THE ELEVATOR TO BE REMOVED FROM SERVICE WHEN THEY REACH THEIR 3600 HOUR RETIREMENT LIFE BUT NO LATER THAN 365 CALENDAR DAYS FROM THE DATE OF THE INSPECTION.
- SUBMIT ALL ELEVATOR ASSEMBLY SERIAL NUMBERS (REGARDLESS OF SERIAL NUMBER PREFIX), TSN INFORMATION, AND AIRCRAFT SERIAL NUMBER (IF APPLICABLE) TO THE LOGISTICAL POC LISTED IN PARAGRAPH 16B IAW INSTRUCTIONS OF PARA 14B.

Supply/Parts and Disposition

- PARTS REQUIRED - N/A.

- B. REQUISITIONING INSTRUCTIONS - N/A.
- C. BULK AND CONSUMABLE MATERIALS - N/A.
- D. DISPOSITION - DEMILITARIZE/MUTILATE ANY PART/COMPONENT WHICH DOES NOT MEET INSPECTION CRITERIA AND DISPOSE OF REMOVED PART/COMPONENT USING NORMAL SUPPLY PROCEDURES.
- E. DISPOSITION OF HAZARDOUS MATERIAL - N/A.

Special Tools and Fixtures Required

- N/A.

Application

- A. CATEGORY OF MAINTENANCE - AVUM. AIRCRAFT DOWNTIME WILL BE CHARGED TO AVUM MAINTENANCE.
- B. ESTIMATED TIME REQUIRED -
 - (1) TOTAL OF 0.5 MAN-HOURS USING 1 PERSON.
 - (2) TOTAL OF 0.5 HOURS DOWNTIME FOR ONE END ITEM.
- C. ESTIMATED COST IMPACT TO THE FIELD - N/A.
- D. TB/MMOS 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.

References

- N/A.

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 CDR, AMCOM, ATTN: AMSAM-SF-A (SOF COMPLIANCE OFFICER), REDSTONE ARSENAL, AL 35898-5222, IAW AR 95-1. DATAFAX NUMBER IS DSN 897-2111 OR (205) 313-2111. E-MAIL ADDRESS IS SAFEADM@REDSTONE.ARMY.MIL. THE REPORT WILL CITE THIS MESSAGE NUMBER, DATE OF ENTRY IN DA FORM 2408-13-1, THE AIRCRAFT MISSION DESIGN SERIES AND SERIAL NUMBERS OF AIRCRAFT IN NUMERICAL ORDER.
- B. TASK/INSPECTION REPORTING SUSPENSE DATE (AIRCRAFT) - UPON COMPLETION OF INSPECTION, UNITS WILL FORWARD A PRIORITY MESSAGE TO: COMMANDER, AMCOM, ATTN: AMCPM-DSA-UH-U. THE REPORT WILL CITE THIS MESSAGE NUMBER, DATE OF INSPECTION, THE AIRCRAFT SERIAL NUMBER, AND THE RESULTS OF THE INSPECTION. REPORTS WILL BE COMPLETED NO LATER THAN 5 DAYS AFTER TASK/INSPECTION SUSPENSE DATE.
- C. REPORTING MESSAGE RECEIPT (SPARES) MATERIEL IN WHOLESALE DEPOT STORAGE AND MATERIEL IN RETAIL STORAGE - N/A.
- D. TASK/INSPECTION REPORTING SUSPENSE DATE (SPARES) MATERIEL IN WHOLESALE DEPOT STORAGE AND MATERIEL IN RETAIL STORAGE - N/A.
- E. THE FOLLOWING FORMS ARE APPLICABLE AND ARE TO BE COMPLETED IAW DA PAM 738-751, 15 JUN 92 -
 - (1) DA FORM 2408-5-1, EQUIPMENT MODIFICATION RECORD (COMPONENT).
 - (2) DA FORM 2408-13, AIRCRAFT STATUS INFORMATION RECORD.
 - (3) DA FORM 2408-13-1, AIRCRAFT INSPECTION AND