

UNCLASSIFIED

03 15 211515Z AUG 96 OO 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//
AMEMBASSY VICTORIA

*M/R yoke
2200 hr
life
UH-1-96-04
SOF*

UNCLAS

SUBJECT - SAFETY-OF-FLIGHT MESSAGE, TECHNICAL, RCS CSGLD-1860(R1), UH-1H/V AIRCRAFT, ASSIGNMENT OF LIFE TO MAIN ROTOR YOKE, (UH-1-96-04) (TB 1-1520-210-20-33).

NOTE - THIS IS A SAFETY-OF-FLIGHT 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 TRANSMISSION 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)

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

NORBERT R. KNIOPP, X2178

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A. IT HAS BEEN DETERMINED THAT THE UH-1H/V MAIN ROTOR YOKE HAS A SERVICE LIFE OF 7200 HOURS. CURRENTLY, THE YOKE IS ON CONDITION AND IS NOT TIME TRACKED. ALL USED YOKES, INSTALLED OR IN SUPPLY, MUST BE ASSIGNED A TIME SINCE NEW (TSN) AND A DA FORM 2410 INITIATED TO CONTINUE TRACKING THE YOKE. LIKEWISE, ALL NEW YOKES MUST NOW HAVE A 2410 GENERATED TO INITIALIZE TRACKING.

B. THE ASSIGNMENT OF A TSN IS DEPENDENT ON THE YOKE MANUFACTURER AND DATE IN WHICH IT WAS INTRODUCED INTO ARMY INVENTORY. THESE CAN BE DETERMINED BY THE YOKE SERIAL NUMBER PREFIX.

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

D. THE PURPOSE OF THIS MESSAGE IS TO ASSIGN A RETIREMENT LIFE OF 7200 HOURS TO THE MAIN ROTOR YOKE AND TO INITIATE TRACKING OF THESE YOKES.

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

6. ASSEMBLY COMPONENTS TO BE INSPECTED

- NOMENCLATURE	PART NO.	NSN
MAIN ROTOR HUB	204-012-101-137	1615-01-261-0570

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

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MAIN ROTOR HUB 204-012-101-141 1615-01-270-2982

NOTE

THE ONLY APPROVED MAIN ROTOR HUB PART NUMBERS AND NSNS FOR UH-1S ARE REFERENCED IN ARA 6. PROBLEMS HAVE OCCURRED CROSS REFERENCING PART NUMBERS TO SERIAL NUMBERS OF MAIN ROTOR HUBS IN THE 2410 SYSTEM. SOME UNITS THAT HAVE CONVERTED PREVIOUSLY ASSIGNED MAIN ROTOR HUB PART NUMBERS TO P/N 204-012-101-141 HAVE NOT DOCUMENTED LOSS (J CODE) OF THE OLD HUB CORRECTLY. WHEN THE CONVERSION IS COMPLETED, TWO 2410 FORMS AND RECORDS ACTIONS MUST OCCUR. FIRST ACTION IS TO J CODE THE OLD HUB AND THE SECOND ACTION IS TO SHOW A GAIN OF P/N 204-012-101-141.

NOTE

WHEN THE HUB SPRING BUMPERS ARE REMOVED BECAUSE OF CLIMATIC CONDITIONS, THE PART NUMBER OF THE MAIN ROTOR HUB DOES NOT CHANGE. SOME UNITS HAVE CHANGED THE HUB RECORDS TO INCORRECTLY REFLECT ORIGINAL MAIN ROTOR HUB PART NUMBERS THAT WERE ASSIGNED PRIOR TO HUB SPRING KIT INSTALLATION.

7. PARTS TO BE INSPECTED -

NOMENCLATURE	PART NO.	NSN
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CF: AMSAT-D-WAU, AMSAT-R-ECH, AMSAT-R-EIH, AMSAT-D-SAF, AMSAT-D-SLNO(RAAF), AMSAT-I-LOS(AOC)

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MAIN YOKE ASSEMBLY 204-011-102-17 1615-00-757-2905

8. INSPECTION PROCEDURES -

A. GAIN ACCESS TO THE MAIN ROTOR YOKE.

B. LOCATE THE DATA PLATE FOR THE MAIN ROTOR YOKE.

SOME YOKES HAVE TWO DATA PLATES; ONE FOR THE YOKE AND THE OTHER FOR THE ROTOR HUB ASSEMBLY. DO NOT CONFUSE THE YOKE DATA PLATE WITH THE DATA PLATE FOR THE ROTOR HUB ASSEMBLY.

C. IF THERE IS NO DATA PLATE FOR THE YOKE, THE SERIAL NUMBER MAY BE FOUND VIBRO-ETCHED IN ONE OF TWO LOCATIONS; EITHER ON THE SIDE OF THE YOKE WHERE THE DATA PLATE WOULD NORMALLY BE FOUND, OR ON THE TOP FLAT SURFACE AT THE INBOARD END OF THE SPINDLE, BETWEEN THE PILLOW BLOCK MOUNTS.

D. THE SERIAL NUMBER MAY BE COVERED BY THE ROTOR HUB ASSEMBLY DATA PLATE. IF NECESSARY, CAREFULLY REMOVE THE ROTOR HUB ASSEMBLY DATA PLATE. THE VIBRO-ETCHED SERIAL NUMBER MAY BE VERY LIGHT AND DIFFICULT TO SEE. REMOVE EXCESS ADHESIVE AND PAINT USING SANDPAPER.

D. IDENTIFY AND RECORD THE SERIAL NUMBER. REPLACE ANY ROTOR HUB ASSEMBLY DATA PLATE REMOVED DURING THIS INSPECTION WITH A NEW DATA PLATE. CONTINUE WITH THE CORRECTIVE ACTION

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OF PARAGRAPH 9.

9. CORRECTION PROCEDURES -

A. IF THE SERIAL NUMBER CANNOT BE FOUND, CALL ATCOM, AMSAT-I-MDO, DSN 693-2900, COMMERCIAL (314)263-2900, TO HAVE A NEW SERIAL NUMBER ASSIGNED.

B. IF THE YOKE DATA PLATE WAS MISSING AND/OR A NEW SERIAL NUMBER HAD TO BE ASSIGNED, BOND A NEW DATA PLATE TO THE YOKE WHICH INCLUDES THE APPROPRIATE SERIAL NUMBER AND PART NUMBER.

C. ASSIGN A TIME SINCE NEW FOR EACH YOKE ACCORDING TO THE FOLLOWING:

(1) IF A YOKE SERIAL NUMBER COULD NOT BE LOCATED, OR IF THE SERIAL NUMBER IS FOUND AND THE PREFIX IS NOT "IT", "TM", "A-FS", OR "AFS", ASSIGN A TSN OF 6000 HOURS.

(2) IF THE SERIAL NUMBER BEGINS WITH "IT", ASSIGN A TSN OF 5350 HOURS.

(3) IF THE SERIAL NUMBER BEGINS WITH "TM", ASSIGN A TSN OF 2230 HOURS.

(4) IF THE SERIAL NUMBER BEGINS WITH "A-FS" OR "AFS", ASSIGN A TSN OF 1450 HOURS.

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

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