

CTUZYUW RULNCSA0704 1840122UUUUU-GRUWMDTA;

NR 00000
030118Z JUL 81
M MGR AVNG DAC EDGEWOOD MD //AVN=L//
O AIG 7421

ARMY

IG 7300
ULGOMC/USPFO VI ST CROIX VI
ULNNG/MACD MD HAVRE DE GRACE MD
UWMDMA/AAFA AK JUNEAU AK
022100Z JUL 81

M CDRTSAROOM STL MO //DRSTSMEA//
O AIG 8001
IG 7513

UCLRFA/US ENV PROT AGY PO BOX 15027 LAS VEGAS NV
UCLRFA/US ENV PROT AGY REGION II 20 FEDERAL PLAZA NY NY
UEOLRA/NATIONAL OCEANIC AND ATMOSPHERIC ADM ROCKVILLE MD
/NOAA/AB2 COL L A HEAVER//
NFO AIG 9004

*change in
overhaul
schedule
zealbot*

IG 7514
UCLEVA/CDRUSAAYNCS FT RUCKER AL //ATZD=D//
UCD/USDAO TELAVIV ISRAEL
UF PA/DJUSMAG MAAG MADRID SPAIN //ARMY/NAV SEC//
UBHC/AIT WASH DC

*UH-1 S
replaced
UH-1*

UEVHFP/NASA KENNEDY SPACE CENTER CAPE CANAVERAL FL
UEVDFC/USDA FOREST SERVICE PO BOX 2417 WASH DC 20013
A=BHOSVD

T
UNCLAS

SECTION 01 OF 02
OTE: THIS IS A SAFETY OF FLIGHT, MAINTENANCE NOTICE, MESSAGE.

AGE 02 RUC:FRAS149 UNCLAS
RELEASED IN ACCORDANCE WITH AR 95-18 DATED 1 MAY 1980 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;
RE RETRANSMITTAL SHALL REFERENCE THIS MESSAGE.

UBJ: SAFETY OF FLIGHT MAINTENANCE NOTICE MESSAGE RCB CSOLD=1860;
CHANGE IN OVERHAUL AND RETIREMENT SCHEDULE FOR UH-1, AH-1G MAIN
TRANSMISSION, UNIVERSAL, NSN 1615-20-183-2834, P/N 204-040-010-5,
UH-1 TAIL ROTOR GEARBOX, NSN 1615-20-918-2677, P/N 204-040-010-13,
AND UH-1/AH-1 INTERMEDIATE GEARBOX, NSN 1615-20-918-2676, P/N 204-
40-203-37 (UH-1=81-26) (AH-1=81-11)

- TH 55-1520-210-23, DATED 28 FEB 79, THROUGH CHANGE 18;
- TH 55-1520-220-23, DATED 17 SEP 80;
- TH 55-1520-219-20, DATED 30 JUN 72, THROUGH CHANGE 24;
- TH 55-1520-221-23, DATED 20 JUL 79, THROUGH CHANGE 6;

CF

SUMMARY
THE TSARCOM RELIABILITY CENTERED MAINTENANCE (RCM) PROGRAM,
IMPLEMENTED IN 1979, ESTABLISHED A PROGRAM TO ANALYZE ALL TIME
CHANGE COMPONENTS AND APPLY AN ENGINEERING ANALYSIS TO EACH TO
DETERMINE THE NEED FOR A TBO, BASED ON AN ANALYSIS OF FAILURE.

PAGE 03 RUCIFRA5149 UNCLAS
REMOVAL AND TBO DATA ON THE SUBJECT GEAR BOXES, WITH THE PERIODIC
INSPECTIONS AND MANDATORY 25 HOURS OIL ANALYSIS OF THE GEARBOXES,
SUFFICIENT MONITORING OF THE GEARBOXES EXISTS TO GO TO AN ON-
CONDITION MAINTENANCE BASIS. ON-CONDITION MAINTENANCE MEANS PARTS
ARE REPLACED BASED ON THE CONDITION OF THE PARTS AS DETERMINED BY
INSPECTION IN ACCORDANCE WITH APPLICABLE TECHNICAL PUBLICATIONS.
THE DATA REVEALS THAT THE FOLLOWING MEAN TIME TO REMOVAL (MTR)
AND MEAN TIME TO FAILURE (MTF) EXISTS ON THESE COMPONENTS

	MTR	MTF
42 DEGREE GEARBOX	1812 HOURS	3812 HOURS
90 DEGREE GEARBOX	827 HOURS	2829 HOURS
UNIVERSAL TRANSMISSION	948 HOURS	6534 HOURS

WITH THE RANDOM FAILURE RATES THAT HAVE OCCURRED ON THESE COMPONENTS
BELOW TBO LIMITS AND WITH THE ON-CONDITION INSPECTIONS NOW REQUIRED
ON EACH GEARBOX, THE SUBJECT GEARBOXES MAINTS ARE CHANGED AS
FOLLOWS:
INSTRUCTIONS THE FOLLOWING CHANGES TO REFERENCES A, B, C & D
VE MAINT AND RETIREMENT SCHEDULES ARE FORTHCOMING

T
0784


NNN

BTUZXH RULNNA01835 1881756-0000-RUKMDTA;

R.J.

NR 00000
071748Z JUL 81 ZEX
M ARNG OAC BA APG MD//NOB-AVN-L//
O AIG 7401
071900Z JUL 81
M CDRTSARCOM STL MD //QRSTS-MEM//
O AIG 8881

ARMY

AIG 7515
UCLRFA/US ENV PROT AGY PO BOX 15027 LAS VEGAS NV
UCLRFA/US ENV PROT AGY REGION II 20 FEDERAL PLAZA NY NY
UEOLMA/NATIONAL OCEANIC AND ATMOSPHERIC ADM ROCKVILLE MD
/NOAA/A02 COL LIA WEAVER//
NFO AIG 9804

AIG 7514
UCLEUA/CDRUSAAYNC FT RUCKER AL//ATZG-DI//
RUGMAD/USDAO TELAVIV ISRAEL
RUFLEFA/OJUSHAG MAAG MADRID SPAIN //ARMY/NAV SEC//
RUEHIN/AIT WASH DC
RUEVHPP/NASA KENNEDY SPACE CENTER CAPE CANAVERAL FL
RUFLEFA/USDA FOREST SERVICE PO BOX 2417 WASH DC 20013
DA-CHCSVD

BT
UNCLAS
SUBJ SAFETY OF FLIGHT MAINTENANCE NOTICE MESSAGE RCS CSGLD=18607
CHANGE IN OVERHAUL AND RETIREMENT SCHEDULE FOR UH-1, AH-1G MAIN

PAGE 02 RUCIFR5315 UNCLAS
TRANSMISSION, UNIVERSAL, NSN 1615-00-183-2834, P/N 204-040-010-57,
UH-1 TAIL ROTOR GEARBOX, NSN 1615-00-918-2677, P/N 204-040-012-13,
AND UH-1/AH-1 INTERMEDIATE GEARBOX, NSN 1615-00-918-2676, P/N 204-
040-003-37 (UH-1-81-06) (AH-1-81-11)
A. TSARCOM MSG DTG 022120Z JUL 81 SAB;
SOP MESSAGE NUMBERS, I, E, UH-1-81-06 AND AH-1-81-11 ARE CHANGED TO
UH-1-81-08 AND AH-1-81-18;

BT
#1835

25