

PRIORITY

DTUZEXH RULNNAC3203 3282228-UUUU--RUMMDTA;

NR 00000

247159Z NOV 81 ZEX

M ARNG OAC (EA) APG MD //NBO-AVN-L//

O AIG 7481

A-BHCSVD

241838Z NOV 81

M ODRTSARCOM STLI MQ //DRSTS-NEA//

O AIG 8881

IG 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/AO2 COL L A WEAVER//

UCLBYH/NASA KENNEDY SPACE CENTER CAPE CANAVERAL FLI

/SI-SAT-23//

UCLRFA/CDR DCASPRO GRUMMAN STUART FLI

UEDBIA/CDRCERCOM FT MONMOUTH NJ //DRSEL-AV/NAEQ//

UEVHAD/US CUSTOMS SERVICE WASH DC //ALC//

NFO AIG 9804

IG 7514

UCLEUA/CDRUSAAVNC FT RUCKER ALI //ATZQ-D1//

UF D/CUSDAO TEL AVIV ISRAEL

UFLAFA/CDJUSMAG MAAG MADRID SPAIN //ARMY/NAVY SEC//

AYAAC/HQSCENG MELBOURNE AUSTRALIA //SO AIR ENG//

AYXPP/DEF AIR CANBERRA AUSTRALIA //DPHEL-AF//

AGE 02 RUCIFRA UNCLAS

UCLRFA/USDA FOREST SERVICE PO BOX 2417 WASH DC 20013:

/COOPERATIVE FIRE PROTECTION//

UCLRFA/KAMAN AEROSPACE CORP OLD WINDSOR RD BLOOMFIELD CT

UCLEUA/CDRUSAAVNC FT RUCKER ALI //ATZQ-D1//

UCLEUA/TSM ATK HELI FT RUCKER ALI //ATZQ-TSM-A//

A-BHCSVD

BT

UNCLAS

SECTION 01 OF 02

SUBJECT SAFETY-OF-FLIGHT MAINTENANCE MANDATORY MESSAGE RCS CSGLD-

840, T53 ENGINE CLEANING PROCEDURES, (UH-1-81-12 (AH-1-81-36) AND

OV/RV-1-81-05),

SUSPENSE NOT APPLICABLE

NOTE THIS IS A SAFETY-OF-FLIGHT, MAINTENANCE MANDATORY MESSAGE!

RELEASED IN ACCORDANCE WITH AR 95-18 DATED 1 MAY 1988 AND IN

ACCORDANCE WITH FORTHCOMING CHANGE TO AR 95-18 APPROVED BY DEPART-

MENT OF THE ARMY THAT ESTABLISHES THE MAINTENANCE MANDATORY MESSAGE

THAT REQUIRES REPORTING AND IS DIRECTIVE IN NATURE; THIS MESSAGE

HA CT, REPEAT HAS NOT, BEEN TRANSMITTED TO UNITS SUBORDINATE TO

ARMY (21)

24 NOV 81 13

UH-1-81-12
T53
Clean
P

ADDRESSEES, ADDRESSEES SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES, OR ELEMENTS AFFECTED OR

PAGE 03 RUCIFRA6685 UNCLAS

CONCERNED, THE RETRANSMITTAL SHALL REFERENCE THIS MESSAGE. ACTION ADDRESSEES WILL IMMEDIATELY VERIFY THIS RETRANSMISSION TO COMMANDER, TSARCOM, ATTN DRSTS-MPSD,

1, TM55-2840-229-23-1

2, TM55-2840-233-24

1, PURPOSE OF THIS MESSAGE IS TO EMPHASIZE THE NEED FOR EFFECTIVE T53 ENGINE COMPRESSOR WASHING AND SPECIFIES THE CLEANING PROCEDURES TO BE FOLLOWED. THE FOLLOWING PROCEDURES WILL BE UTILIZED UNTIL THE REQUIRED CHANGES TO THE REFERENCED MANUAL HAVE BEEN PRINTED AND DISTRIBUTED TO THE FIELD.

2, PARAGRAPHS 2.2 OF REFERENCE A, AND 7-25 OF REFERENCE B DESCRIBE CLEANING OF THE T53 ENGINE AIR INLET AREA, INLET GUIDE VANES, AND COMPRESSOR ROTOR BLADES. BOTH REFERENCES IMPLY THAT CLOSING OF THE BLEED BAND IS OPTIONAL. COMPRESSOR WASHING WITH THE BLEED BAND OPEN IS INEFFECTIVE AND LEADS TO LOWER ENGINE LIFE AND HIGHER MAINTENANCE COST.

BT

#3203

NNNN

CTUZEXM RULNNAC3224 3282228-UUUU--RUMMDTA;

NR 00000

)242159Z NOV 81 ZEX

M ARNG DAC (EA) APG MD //NGB-AXN-L//

Q AIG 7421

A-BHCSVD

241838Z NOV 81

M CDRTSARCUM STL MD //URSTS-MEA//

O AIG 8881

IG 7513

UCLRFA/US ENV PROT AGY PO BOX 15027 LAS VEGAS NV

UCLRFA/US ENV PROT AGY REGION 11 20 FEDERAL PLAZA NY NY

UEOLMA/NATIONAL OCEANIC AND ATMOSPHERIC ADM ROCKVILLE MD

/NDAA/A02 COL LIA NEAVER//

UCLBYH/NASA KENNEDY SPACE CENTER CAPE CANAVERAL FL

/SI-SAT-23//

UCLRFA/CDR DCASPRO GRUMMAN STUART FL

UEDBIA/CDRCERCOM FT RORMOUTH NJ //DRSEL-WAV/NAEQ//

UEVHAD/US CUSTOMS SERVICE WASH DC //ALC//

NFO AIG 9884

IG 7514

UCLEUA/CDRUSAAYNC FT RUCKER AL //ATZQ-DI//

UMAD/CUSDAD TEL AVIV ISRAEL

UAFAC/CJUSMAG MAAG MADRID SPAIN //ARMY/NAVY SEC//

AYAAC/HOSCEMG MELBOURNE AUSTRALIA //SO AIR ENG//

AYWPP/DEFAIR CANBERRA AUSTRALIA //QPHEL-AF//

AGE 02 RUCIFRA UNCLAS

UCLRFA/USDA FOREST SERVICE PO BOX 2417 WASH DC 20013

/COOPERATIVE FIRE PROTECTION//

UCLRFA/KAMAN AEROSPACE CORP OLD WINDSOR RD BLOOMFIELD CT

UCLEUA/CDRUSAAYNC FT RUCKER AL //ATZQ-DI//

UCLEUA/TSM ATK HELI FT RUCKER AL //ATZQ-TSM-A//

A-BHCSVD

T

UNCLAS

INAL SECTION OF 02

UILD-UP OF DIRT WITHIN THE ENGINE AFFECTS SEALS, BEARINGS, WEAR,

ORRISON, CRITICAL TOLERANCES, PERFORMANCE, AND EVENTUALLY CAUSES

REHATURE ENGINE REMOVAL AND RELACEMENT,

TO PRECLUDE THE PROBLEMS ENUMERATED IN PARAGRAPH 2, THE FOLLOWING

ROCEDURES WILL BE ADHERED TO

A. DURING ALL COMPRESSOR WASHES, THE BLEED BAND SHALL BE IN THE

LOSED POSITION,

B. THE PREFERRED CLEANER IS B AND B 3100, NSN 6850-00-101-7594

IXED AS PER THE REFERENCED TM INSTRUCTIONS,

C. DRY CLEANING SOLVENT, P-D-680 NSN 6850-00-285-8811 MAY BE

ARMY (2)

2 NOV 81 11 12

USED AS AN ALTERNATE IF B AND B 3100 IS NOT AVAILABLE,
D, RESIDUAL CLEANER SHALL BE REMOVED FROM AIRCRAFT AND ENGINE.

PAGE 03 RUCIFRA6687 UNCLAS

AFTER WASHING, BY FLUSHING WITH FRESH WATER, AND THEN AIRCRAFT SHALL BE THOROUGHLY DRIED. CLEANING RESIDUE LEFT ON AN AIRCRAFT OR ENGINE TENDS TO BE CORROSIVE AFTER A PERIOD OF TIME. ON UH-1D/H/AH-1H AIRCRAFT, PARTICULAR CARE SHOULD BE MADE TO INSURE THE ENGINE DECK IS CLEANED AND DRIED. THIS IS BEST ACCOMPLISHED BY REMOVAL OF THE FUEL CONTROL ACCESS AND GENERAL ACCESS DOORS (ITEMS 23 AND 31, FIGURE 2-18, TM55-1520-210-23) AND FLUSHING THE AREA WITH WATER, THEN DRYING.

4, RECORD ACCOMPLISHMENT NOT APPLICABLE

5, REPORTING NOT REQUIRED.

6, FOREIGN MILITARY SALES/FMS RECIPIENTS DESIRING CLARIFICATION OF THIS MESSAGE SHOULD CONTACT CW 4 JAMES CRONIN, DRSTS-1, AUTOVON 693-2100, COMMERCIAL 314-263-2106.

7, POINT OF CONTACT IS DICK HAZLEWOOD OR ROBERT CLARK, TSARCOM, DRSTS-MEA, AUTOVON 693-3300, COMMERCIAL 314-263-3300.

BT

#3264

NNNN