

CTUZEXH RULNNAQ3376 3482348-UUUU--RUHMDTA;

30

NR UUUUU
142320Z DEC 81
M MGR ARNG OAC EA APG MD //NGH-AVN-L//
O AIG 7481

ARMY

M.V.
S.I.

141930Z DEC 81
M CDRTSARCOM STL MO //DRSTS-MEA//
O AIG 8001

IG 7015
UCLRFA/US ENV PROT AGY PO BOX 15027 LAS VEGAS NV
UCLRFA/US ENV PROT AGY REGION II 20 FEDERAL PLAZA NY NY
UEOLNA/NOAA ROCKVILLE MD //AD2 COL L A WEAVER//
UEVHEP/NASA KENNEDY SPACE CENTER FL //SI-SAT-23//
UCLRFA/DCASPRO GRUMMAN STUART FL
UEOMKA/CDR CERCOM LAKEHURST NJ //DRSEL-AV-NABO//
UEVHAD/US CUSTOMS SERVICE WASH DC //ALC//

44-1-81-
TS3
-1384
-7030rgonds

NFO AIG 7004
IG 7014
UCLEUA/CDRUSAAYNC FT RUCKER AL //ATZQ-DI//
UDMAU/USDAO TEL AVIV ISRAEL
UFLATA/CJUSMAG MAAG MADRID SPAIN //ARMY/NAVY SEC//
UE SA/AIT WASH DC
AY...B/HOSCENG MELBOURNE AUSTRALIA //SO AIR ENG//
AYWPR/DEFAIR CANBERRA AUSTRALIA //OPHEL-AF//
UCLRFA/USDA FOREST SERVICE PO BOX 2417 WASH DC 20013

AGE 02 RUCIFRA UNCLAS
/COOPERATIVE FIRE PROTECTION//
UCLRFA/KAMAN AEROSPACE CORP OLD WINDSOR RD BLOOMFIELD CT
UCLEUA/TSM ATK MEL FT RUCKER AL //ATZQ-TSM-A//
A-BHQSVQ

T
UNCLAS
SECTION 01 OF 03
AJOR GENERAL KONOPNICKI SENDS
SUBJECT SAFETY OF FLIGHT, TECHNICAL, ONE-TIME INSPECTION, MESSAGE
CONCERNING GROUNDING OF ALL UH-1/AH-1 AIRCRAFT WITH SPECIFIC V
53-L-138A/703 ENGINE FUEL CONTROL UNITS INSTALLED (UH-1-81-14)
AH-1-81-37) TS 55-1920-243-30-5;

RESPONSE WITHIN THE NEXT FIVE (5) FLIGHT HOURS OR TEN (10) DAYS
AFTER RECEIPT OF MESSAGE.
NOTE THIS IS A SAFETY OF FLIGHT, TECHNICAL, ONE-TIME INSPECTION;
MESSAGE, RELEASED IN ACCORDANCE WITH AR 95-18 DATED 1 MAY 1980 AND
AS NOT, REPEAT HAS NOT, BEEN TRANSMITTED TO UNITS SUBORDINATE TO
ADDRESSEES,
SUBORDINATE UNITS, ACTIVITIES, OR ELEMENTS AFFECTED OR CONCERNED, THE

12

AGE 03 RUCIFRA6067 UNCLAS

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

1. SUMMARY THE US ARMY HAS BEEN ADVISED BY AVCO LYCOMING AND HANDLER EVANS (CECO) THAT TWELVE (12) CASES OF FAILURE HAVE BEEN REPORTED BY CCAD AND CECOS OVERHAUL FACILITY RELATIVE TO MRPV (MAIN REGULAR PRESSURE VALVE) DIAPHRAGM, WHEN THE MAIN REGULAR PRESSURE VALVE (MRPV) DIAPHRAGM FAILS THE T53 ENGINE IMMEDIATELY GOES INTO AN OVERSPEED CONDITION REQUIRING EMERGENCY ACTION, FIVE (5) OF THE FAILURES WERE IDENTIFIED TO THE FAULTY BONDING OF THE DIAPHRAGMS IN LOT 785, THE OTHER SEVEN FAILURES WERE ATTRIBUTED TO LOOSE MRPV VALVE COVER HOLD DOWN SCREWS (REFER TO SOP MAINTENANCE MANDATORY MESSAGE RE-TORQUING OF MAIN PRESSURE REGULATOR VALVE HOLD DOWN SCREWS UH-1-81-11) (AH-1-81-34) (OV-RV-1-81-4)), CURRENTLY THERE ARE THIRTEEN (13) MORE DIAPHRAGMS FROM LOT 785 STILL OUT IN THE FIELD IN HANDLER EVANS FUEL CONTROL, MODEL TA-7, P/N 100770A4 (NSN 915-81-005-9197), THESE 13 DIAPHRAGMS WERE INSTALLED BY HANDLER EVANS (CECO) SOMEWHERE IN ANY OF THE 123 FUEL CONTROLS LISTED IN PARAGRAPH 4, THIS MESSAGE, THAT WERE MANUFACTURED IN A TIME FRAME BETWEEN 1 JAN 81 AND 31 OCT 81.

AGE 04 RUCIFRA6067 UNCLAS

1. THE PURPOSE OF THIS MESSAGE IS TO GROUND ALL UH-1/AH-1 AIRCRAFT, LOCATE THE 123 FUEL CONTROLS LISTED BY SERIAL NUMBER IN PARAGRAPH 4 OF THIS MESSAGE, REMOVE THE LISTED FUEL CONTROLS FROM SERVICE AND IMMEDIATELY SHIP THE 123 UNSERVICEABLE FUEL CONTROLS TO CORPUS CHRISTI ARMY DEPOT (CCAD) TO HAVE THEM INSPECTED FOR THE DEFECTIVE DIAPHRAGM, REPAIRED AND RETURNED TO A SERVICEABLE CONDITION.

2. PRIORITY CLASSIFICATION

A. EQUIPMENT IN USE - (URGENT WITH LIMITATIONS) UPON RECEIPT OF THIS MESSAGE, AIRCRAFT IN USE WILL BE INSPECTED NOT LATER THAN FIVE (5) FLYING HOURS OR TEN (10) DAYS FROM RECEIPT OF MESSAGE WHICHEVER OCCURS FIRST, THE AIRCRAFT CAN BE CARRIED AS FULLY MISSION CAPABLE (FMC) UNDER AR 95-33 UNTIL THE SAFETY-OF-FLIGHT ACTION HAS BEEN ACCOMPLISHED OR TIME LIMITATION STATED ABOVE HAS BEEN EXCEEDED,

BT

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S.I.

CNR UUUUU

042320Z DEC 81 ZEX

FM MGR ARNG OAC SA APG MD //NGS-AVN-L//

TO AIG 7481

ARMY

FM 141930Z DEC 81

FM CDRTSARCOM STL MO //DRSTS-MEA//

TO AIG 8861

IG 7315

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

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

UEOLMA/NOAA ROCKVILLE MD //AO2 COL L A WEAVER//

UEVHFP/NASA KENNEDY SPACE CENTER FL //SI-SAT-23//

UCLRFA/DCASPRO GRUMMAN STUART FL

UEOMKA/CDR CERCOM LAKEHURST NJ //DRSEL-AV-NAEQ//

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

NFO AIG 9204

IG 7514

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

UQHAD/USDAO TEL AVIV ISRAEL

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

UE-ISA/AIT WASH DC

UAF C/HOSCENQ MELBOURNE AUSTRALIA //SO AIR ENG//

UAYWPP/DEFAIR CANBERRA AUSTRALIA //DPHEL-AF//

UCLRFA/USDA FOREST SERVICE PO BOX 2417 WASH DC 20013

13 DEC 81

PAGE 02 RUCIFRA UNCLAS

//COOPERATIVE FIRE PROTECTION//

UCLRFA/KAMAN AEROSPACE CORP OLD WINDSOR RD BLOOMFIELD CT

UCLEUA/TSM ATK MEL FT RUCKER AL //ATZG-TSM-A//

DA-BHCSVD

BT

UNCLAS

SECTION 02 OF 03

PROVISIONS OF MPC REPORTING IN ACCORDANCE WITH AR 95-33 ARE WAIVED RELATIVE TO THIS SAFETY-OF-FLIGHT MESSAGE. FAILURE TO ACCOMPLISH WITHIN HOURS/DAYS STIPULATED HEREIN WILL CAUSE THE CONDITION STATUS TO BE CHANGED TO A RED "X" AND REPORTING IN ACCORDANCE WITH AR 95-33 WILL APPLY.

NOTE SEE PARAGRAPH 9 AR 95-18 FOR NON-COMPLIANCE AUTHORITY OF UNIT AND MAJOR COMMANDERS;

B, SERVICEABLE CHANDLER EVANS (CECO) MODEL TA-7 FUEL CONTROLS IN FIELD OR DEPOT STOCK SHALL NOT BE ISSUED PRIOR TO COMPLIANCE WITH THIS TB.

THE CHANDLER EVANS (CECO) MODEL TA-7 FUEL CONTROL UNITS BY SERIAL NUMBER ARE LISTED AS FOLLOWS

642AL1592 652AL1995 642AL961 662AL4998 662AL3748

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62AL3412	642AL5263	662AL3828	652AL2592	642AL1329
42AL1327	672AL5981	672AL5452	652AL2693	662AL4847
52AL2249	682AL4142	662AL4892	662AL4586	662AL4734
62AL3489	642AL885	662AL4928	642AL1337	662AL4968
52AL2776	642AL1192	652AL2288	652AL2586	662AL3242
52AL1828	642AL792	632AL389	672AL5722	662AL4348
42AL1428	672AL5518	652AL2671	662AL4359	662AL3387
62AL4555	662AL3383	672AL5854	662AL3172	672AL5488
42AL538	642AL1524	652AL2168	642AL1839	662AL4215
62AL4736	662AL4856	672AL6076	632AL384	662AL4263
62AL4515	662AL3448	662AL3794	652AL2197	652AL1719
62AL3669	662AL3218	662AL3332	662AL3528	642AL1557
32AL329	662AL3515	642AL1868	662AL4776	662AL3538
42AL1375	652AL3814	672AL5883	662AL4587	642AL944
72AL5963	642AL1514	632AL89	662AL5116	672AL5697
62AL4828	662AL3943	662AL4218	642AL1424	662AL3766
52AL2464	662AL5142	642AL1275	662AL4836	662AL3957
62AL4824	642AL1556	662AL3185	662AL4784	652AL1739
62AL3468	652AL2752	632AL158	632AL471	662AL3667
62AL4563	662AL3688	652AL2822	662AL3954	662AL4412

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42AL1886	652AL2868	652AL1948	662AL3358	652AL2859
72AL5781	662AL5144	652AL3882	632AL198	652AL2124
62AL4151	632AL49	672AL5831	672AL5848	
62AL4671	662AL5818	652AL2598	662AL4434	

1 ALL AIRCRAFT UTILIZING THE LYCOMING T53-L-138A/783 ENGINES WITH
THE CHANDLER EVANS (CECO) MODEL TA-7 FUEL CONTROL INSTALLED
REFERENCE TM55-2848-229-23P, FIG 69, ITEM 18 AND TM55-2848-247-23P,
IG 25, ITEM 1) AND ALL MODEL TA-7 FUEL CONTROLS IN FIELD AND DEPOT
STOCK MUST BE CHECKED AGAINST THE LIST OF FUEL CONTROLS LISTED IN
PARAGRAPH 4 OF THIS MESSAGE.

2 IF THE FUEL CONTROL SERIAL NUMBER IS ON THE LIST IN PARAGRAPH 4
OF THIS MESSAGE, THE FOLLOWING MUST BE ACCOMPLISHED:

(A) REMOVE THE UNSERVICEABLE FUEL CONTROL FROM THE AIRCRAFT OR
APPLY:

(B) IMMEDIATELY RETURN THE UNSERVICEABLE FUEL CONTROL TO
COMMANDEER, CORPUS CHRISTI ARMY DEPOT, ATTN PRANK SOLIZ, REFERENCING
HIS SAFETY OF FLIGHT MESSAGE.

(C) REPLACE WITH SERVICEABLE FUEL CONTROL THAT IS NOT ON THE
LIST OF CONTROLS IN PARAGRAPH 4 OF THIS MESSAGE.

(D) RETURN THE AIRCRAFT TO FLIGHT STATUS.

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1 THE FUEL CONTROL IS NOT ON THE LIST IN PARAGRAPH 4, THE

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NR UUUUU

142320Z DEC 81 ZEX

M MGR ARNG OAC EA APG MD //NGB-AVN-L//

O AIG 7401

141930Z DEC 81

M CDRTSARCOM STL MD //DRSTS-HEA//

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

UEOLHA/NOAA ROCKVILLE MD //AO2 COL L A WEAVER//

UEVHFP/NASA KENNEDY SPACE CENTER FL //SI-SAT-20//

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AGE 02 RUCIFRA UNCLAS

/COOPERATIVE FIRE PROTECTION//

UCLRFA/KAMAN AEROSPACE CORP OLD WINDSOR RD BLOOMFIELD CT

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

A-BHCSVD

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INAL SECTION OF 03

AIRCRAFT IS RELEASED FOR FLIGHT AND NO FURTHER MAINTENANCE ACTION IS

REQUIRED,

TIME COMPLIANCE THIS MESSAGE WITHIN FIVE (5) FLIGHT HOURS OR

TEN (10) DAYS AFTER RECEIPT OF THIS MESSAGE.

RECORD ACCOMPLISHMENT OF THIS MAINTENANCE PROCEDURE IN ACCORDANCE

WITH THE PROCEDURES IN TM 38-750, THE FOLLOWING FORMS ARE

APPLICABLE

(A) DA FORM 2408-13, AIRCRAFT INSPECTION AND MAINTENANCE

RECORD, DA FORM 2408-5, EQUIPMENT MODIFICATION RECORD-COMPONENT,

(B) GROUNDING AND SAFETY OF FLIGHT MESSAGE FOLLOW-UP REPORT RCS

OSGLD-1860, UPON COMPLETION OF THE REQUIREMENT SET FORTH IN THIS

MESSAGE, OR NOT LATER THAN FIFTEEN (15) DAYS AFTER RECEIPT OF THIS

MESSAGE, ACTION ADDRESSEES WILL FORM REPORT OF ACTIONS