

22 SEP 79 03 37z

PCTUZEXH RULNNAC2468 2650110-UUUU--RUKMDTA.

ZNR UUUUU

P 220105Z SEP 79 ZEX

FM ARNG DAC EDGEWOOD AREA APG MD //NOB-AVN-L//

TO AIG 7401

P R 211500Z SEP 79

FM CDR USATSARCOM STL MD //DRSTS-HEA(2)//

TO +AIG 8881.

+AIG 7515

+RUEDBJB/KAMAN AEROSPACE CORP OLD WINDSOR RD

+BLOOMFIELD CT

+RUEOHZ2/US ENV PROTECTION AGY REGION II 26 FEDERAL

+PLAZA NY NY

+RUMNSSS/US ENV PROTECTION AGY PO BOX 15027 LAS

+VEGAS NV //DFC RSCH DEV ENV MONITORING AND

+SPT LAB/MOD//

+RUEB8EA/NATIONAL OCEANIC AND ATMOSPHERIC ADM

+ROCKVILLE MD //NOAA/OA2 COL L A WEAVER//

INFO +AIG 9004

+AIG 7514

+RUELEUA/CDR USAAVNC FT RUCKER AL //ATZD-DI//

+RUEQMOD/CUSDAO TEL AVIV ISRAEL

+RUEFLAFA/CJUSMAG-MAAG MADRID SPAIN //ARMY/NAV SEC//

+RUEHIN/AIT TAIPEI TW

+RUEHC/AIT WASHINGTON DC

ARMY

UH-1-79-22
P1 bellows
on T53 fuel
control

PAGE 2 RUCIFRA7821 UNCLAS

BT

UNCLAS

NOTE - THIS IS A TECHNICAL ADVISORY MESSAGE AND HAS NOT, REPEAT, 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 THIS MESSAGE.

SUBJECT - TECHNICAL ADVISORY MESSAGE NO. UH-1-79-22 AND AH-1-79-20

P1 BELLOW PROBLEMS WITH T-53 ENGINES.

A. USATSARCOM MSG 131030Z APR 79, SUBJECT - SAFETY-OF-FLIGHT OPERATIONAL MSG NO. UH-1-79-5 AND AH-1-79-4 FOR UH-1H/M, EH-1H AND AH-1G, TH-1G AIRCRAFT.

B. USATSARCOM MSG 270003Z APR 79, SUBJECT - TECHNICAL INFORMATION MESSAGE NO. UH-1-79-6 AND AH-1-79-5 FOR UH-1H/M, EH-1H AND AH-1G, TH-1G AIRCRAFT.

C. USATSARCOM MSG 231355Z JUL 79, SUBJECT - TECHNICAL ADVISORY MESSAGE NO. UH-1-79-11 AND AH-1-79-13 FOR UH-1H/M, EH-1H AND TH-1G, TH-1G AIRCRAFT.

1. PURPOSE - THIS MESSAGE INFORMS UNITS OF THE PLANS AND CURRENT STATUS FOR STANDARDIZATION OF T53 FUEL CONTROLS TO THE 100770A4

55

PAGE 3 RUCIFRA7821 UNCLAS

(STAINLESS STEEL BELLOWS) CONFIGURATION.

2. AN EXTENSIVE ANALYSIS OF EXHIBITS SHOWED THAT FUEL CONTROL DEFICIENCIES WERE DUE TO ELONGATION OF THE BRONZE P1 BELLOWS. THIS CONDITION CAUSES THE FUEL FLOW TO BE LEAN OF NORMAL ACCELERATION SCHEDULES.

3. A MODIFICATION HAS BEEN DESIGNED FOR THE FUEL CONTROL TO ELIMINATE THIS PROBLEM WHICH CHANGES THE BELLOWS MATERIAL TO STAINLESS STEEL. THE FUEL CONTROLS WILL BE CONVERTED BY APPLYING 16 PARTS DURING DEPOT OVERHAUL AT CCAD. THE NEW FUEL CONTROLS WILL BE IDENTIFIED AS P/N 100770A4.

4. PROCUREMENT OF THE 16 PARTS HAS BEEN INITIATED. THE CCAD CONVERSION PROGRAM WILL START 1 MAY 1980. CONTRACTOR LEAD TIME FOR DELIVERY OF THE 16 PARTS DICTATES THE INITIATION DATE. HOWEVER WE ARE TAKING CERTAIN INITIATIVES TO BETTER THE START DATE. THE OUTPUT SCHEDULE IS AS FOLLOWS -

A. STARTING IN JUNE OF 1980 THE PLANNED OUTPUT IS 76, BUILDING UP TO 200 PER MONTH BY JANUARY OF 1981.

B. CURRENT PLANNING IS THAT BY JANUARY OF 1983 ALL FUEL CONTROLS WILL BE STANDARDIZED TO THE 100770A4 CONFIGURATION.

5. ISSUE OF THE NEW FUEL CONTROL WILL BE CONTROLLED ON A UNIT

P. 4 RUCIFRA7821 UNCLAS

PRIORITY BASIS ACCORDING TO THE DEPARTMENT OF ARMY MASTER PRIORITY LIST (DAMPL).

6. UNTIL NEW FUEL CONTROLS ARE AVAILABLE OR UNTIL YOU RECEIVE OTHER GUIDANCE FROM THIS COMMAND THE REFERENCED MESSAGES ARE IN EFFECT.

7. FOREIGN MILITARY SALES/FMS RECIPIENT REQUIRING CLARIFICATION OF THIS MESSAGE SHOULD CONTACT USATSARCOM, DRSTS-10(2), CW3 BROCK WATKINS, AUTOVON 693-0286 OR COMMERCIAL 314-263-0286.

8. IF CLARIFICATION OF THIS MESSAGE IS REQUIRED, CONTACT MR. ROBERT LAWYER, USATSARCOM, AUTOVON 693-0396 OR COMMERCIAL 314-263-0396.

BT

#2468



NNNN