UNCLASSIFIED

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

1. PURPOSE - THIS MESSAGE INFORMS UNITS OF THE PLANS AND CURRENT STATUS FOR STANDARDIZATION OF T53 FUEL CONTROLS TO THE 10077DA4

2. DESCRIPTION OF Issue:

A. USATSARCOM MSG 13183Z 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 27003Z 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 23135Z JUL 79, SUBJECT - TECHNICAL ADVISORY MESSAGE NO. UH-1-79-11 AND AH-1-79-13 FOR UH-1H/M, EH-1H AND 1G, TH-1G AIRCRAFT.

Annexes:

- Annex B: Technical Advisory Message for AH-1-79-20

3. RECOMMENDATION:

A. All units affected shall implement the following standards.

B. Conduct inspections and test procedures as outlined in the message.

4. ACTION:

A. All units shall follow the recommendations outlined in the message.

B. Submit reports on the implementation of the message to the appropriate authorities.

5. DISTRIBUTION:

A. Distribution shall be limited to units affected by the message.

B. Distribution shall be via the standard communication channels.

6. COMMENT:

A. Comments and suggestions are welcome and should be directed to the appropriate authorities.

B. All comments will be considered and evaluated.

7. SIGNATURE:

[signature]

[Date]

[Location]
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 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.