

PRIORITY

UH-1-77-22
overspeed limits on
T53-L-138+ -703
engine

PAAUZEXH RULNNAO5887 3412128-UUUU--RUMNDA;
ZNR UUUUU
P R 072102Z DEC 77 ZRX
FM MGR ARNG-CAC EDGEWOOD MD //MGB-AVM-L//
TO AIG 7481
INFO RUEAUSA/CNGB WASH DC //MGB-ARL-A//
P R 071918Z DEC 77
FM CDR TSARCOM STL MD //DRSTS-MEP(2)//
BT

ARMY

UNCLAS
NOTE THIS IS A MAINTENANCE ADVISORY MESSAGE AND HAS NOT BEEN
TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSEES; ADDRESSEES SHOULD
RETRANSMIT THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES OR
ELEMENTS CONCERNED. THE RETRANSMITTAL SHALL REFERENCE THIS MESSAGE;
SUBJ MAINTENANCE ADVISORY MESSAGE CONCERNING OVERSPEED LIMITS
FOR T53-L-138 AND T53-L-783 ENGINES, (UH-1-77-22 AND (AH-1-77-26);
1. THE PURPOSE OF THIS MESSAGE IS TO CLARIFY THE PROPER OUTPUT
SHAFT (N2) OVERSPEED LIMITS, DUE TO THE DIFFERENCES IN RELEASE
DATES OF CHANGES TO THE VARIOUS MANUALS; CONFLICTS PRESENTLY APPEAR
IN THE OVERSPEED LIMITS;
2. THE FOLLOWING N2 OVERSPEED LIMITS WILL APPEAR IN TM 55-2848-
229-24, PARAGRAPH 12-17, INFORMATION CONTAINED IN THIS MESSAGE

PAGE 2 RULNNAO5887 UNCLAS
SHOULD BE INSERTED IN REFERENCED TM PENDING RECEIPT OF THE FORMAL
CHANGES TO THE MANUALS;

A. T53-L-138 ENGINES
(1) MAXIMUM LIMIT 6900 RPM
(2) MAXIMUM TRANSIENT 6900 RPM FOR 3 SECONDS, ABOVE 15
PSI TORQUE

(3) MAXIMUM CONTINUOUS 6700 RPM ABOVE 15 PSI TORQUE OR
6900 RPM AT 15 PSI OR LESS

B. T53-L-783 ENGINES
(1) MAXIMUM LIMIT 6900 RPM (104.5 PERCENT)
(2) MAXIMUM TRANSIENT 6900 RPM (104.5 PERCENT) FOR 10
SECONDS, ABOVE 750 DEGREES C TGT

(3) MAXIMUM CONTINUOUS 6700 RPM (101.5 PERCENT) ABOVE
750 DEGREES C TGT OR 6900 RPM (104.5 PERCENT) AT 750 DEGREES C
OR LESS

3. IF ADDITIONAL INFO OR CLARIFICATION OF THIS MESSAGE IS REQUIRED,
CONTACT MR. FRANK STEVENS, TSARCOM; AUTOVON 698-6868, COMMERCIAL
314-268-6868.

BT
07

7 Dec 77 22 50