NOTE THIS IS A MAINTENANCE ADVISORY MESSAGE AND HAS NOT, REPEAT HAS NOT, BEEN TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSES, ADDRESSES SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED, THE RETRANSMITTAL SHOULD REFER TO THIS MESSAGE.

SUBJECT: SUPPLEMENTAL INFORMATION FOR INSTALLATION OF UH-1B/C/D/H/M SAFETY GLASS WINDSHIELD (UH-176-12)

A. REF AVSCOM MAINTENANCE ADVISORY MESSAGE NO. UH-176-9, SUBJECT REPLACEMENT SAFETY GLASS WINDSHIELDS FOR UH-1B/C/D/H/M AIRCRAFT.

B. AS STATED IN REF A, FUTURE PROCUREMENTS OF THE UH-1 PLEXIGLASS WINDSHIELDS WILL BE TERMINATED; REPLACEMENT UH-1 WINDSHields WILL BE MADE OF GLASS AND DESIGNATED AS FOLLOWS:

L/H P/N NP104461-1, NSN 1560-01-433-7321
R/H P/N NP104461-2, NSN 1560-01-433-7271

C. AS A RESULT OF A SUBSTANTIAL WEIGHT INCREASE BETWEEN THE PLEXIGLASS WINDSHIELDS AND THE NEW SAFETY GLASS WINDSHIELDS, A CHANGE TO CHART C, BASIC WEIGHT AND BALANCE RECORD (FORM 3650) WILL BE REQUIRED. CHART C, BASIC WEIGHT AND BALANCE RECORD ENTRIES ARE AS FOLLOWS:

A. DATE (INSTALLATION DATE)
B. ITEM
   IN X
   OUT
C. DESCRIPTION OF ARTICLE SAFETY GLASS WINDSHIELD, L/H OR SAFETY GLASS WINDSHIELD, R/H
D. WEIGHT CHANGE ADDED (PLUS)
   WEIGHT PLUS 19
   ARM PLUS 27
   MOMENT/100 PLUS 4.75

3. COMPUTE NEW RUNNING TOTALS FOR BASIC AIRCRAFT (WEIGHT, MOMENT/100.
AND INDEX) ON DD FORM 365G, RECALCULATE APPROPRIATE WEIGHT AND
BALANCE CLEARANCE FORM F (DD FORM 365F) DETERMINING NEW TAKEOFF
AND LANDING CG LOCATIONS, CHART E (DD FORM 365E) SHOULD BE UTILIZED
IN DETERMINING WHETHER OR NOT THE CG WILL REMAIN WITHIN LIMITS
DURING THE ENTIRE FLIGHT.

4. AS NOTED IN THE CHART C ENTRIES IN PARA 2 ABOVE, WEIGHT, ARM
AND MOMENT DATA FOR BOTH THE L/H AND R/H WINDSHIELD PANELS ARE
IDENTICAL; HOWEVER, INDIVIDUAL ENTRIES SHOULD BE MADE FOR EACH
PANEL (L/H OR R/H) AS IT IS REPLACED SINCE EITHER L/H OR R/H SIDE
MAY BE INSTALLED INDIVIDUALLY AND EACH SIDE SHOWS A 15 POUND INCREASE
IN WEIGHT (30 POUND TOTAL INCREASE PER AIRCRAFT INSTALLATION).

5. CG CHANGE (INDEX) AFTER INSTALLATION OF BOTH SAFETY GLASS
WINDSHIELDS WILL BE MORE THAN 15 INCHES AND LESS THAN 175 INCHES
DEPENDING UPON AIRCRAFT EMPTY WEIGHT.