



SERVICE BULLETIN

DATE: 19 DECEMBER 1980
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* Supersedes Service Information Notice DN-65, Dated 16 May 1980

REWORK OF COOLING BLOWER MOUNTING BRACKET

1. PLANNING INFORMATION

A. MODELS AFFECTED:

500D Model 369D Helicopter Serial No. 0003D through 0509D

B. PREFACE:

The information given in this Service Information Notice lists a procedure for reworking the cooling blower mounting bracket P/N 369D25626, to provide increased clearance for the blower drive belt and preclude interference between bracket and belt. This revision is issued to clarify the dimensions of the spotface as shown in Figure 1.

C. TIME OF COMPLIANCE:

Shall be accomplished within next 300 hours of helicopter operation.

D. FAA APPROVAL:

FAA/DER APPROVED 5 December 1980

E. WEIGHT AND BALANCE DATA:

Weight and balance not affected.

F. REFERENCE:

500D Model 369D Basic HMI-Volume 1, Issued 15 September 1976; Revision No. 3, 15 March 1979.

PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Screw	NAS1164- 2L	2	Commercial
Washer	MS21206C6	2	Commercial

MATERIAL	
Nomenclature	Source
Primer, zinc chromate	Commercial

TOOLS AND EQUIPMENT	
Nomenclature	Source
Drill moter, portable	
Spotface tool - 0.750 inch diameter, 0.267/0.260 inch diameter pilot	
Countersink tool - 100 degrees x 0.330 inch diameter	

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2. REWORK PROCEDURE

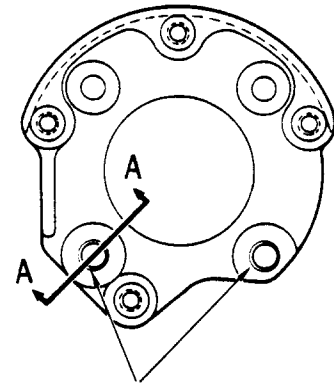
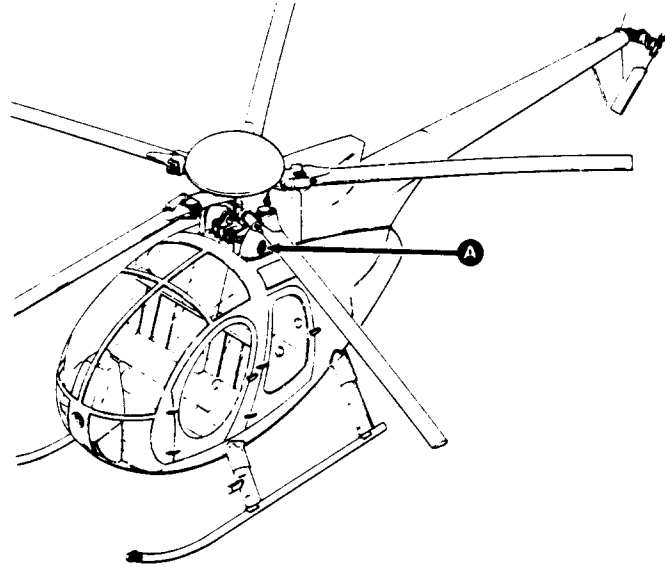
- a. Remove transmission cover. (Refer to Section 2 of Basic HMI-Vol 1.)
- b. Remove cooling blower. (Refer to Section 9 of Basic HMI-Vol 1.)
- c. Remove four bolts and four washers attaching mounting bracket to cooling blower. Retain two bolts and two washers.
- d. Rework mounting bracket as follows: (See Figure 1)
 - 1. Increase spotface of two lower holes to 0.750-inch diameter and to 0.125-inch material thickness.
 - 2. Countersink two spotfaced holes, using 100 degree countersink to 0.330 inch diameter. Remove any burrs as required.
- e. Install reworked mounting bracket as shown in Figure 2. Install two bolts and two washers retained above in upper holes of bracket and safety wire with MS20995-C32 wire. Install two NAS1164-2L screws and two MS2106C6 washers in reworked holes.
- f. Reinstall cooling blower and adjust cooling blower belt tension. (Refer to Section 9 of Basic HMI-Vol 1.)
- g. Reinstall transmission cover. (Refer to Section 2 of Basic HMI-Vol 1.)
- h. Record compliance with this Service Information Notice in Compliance Record of helicopter Log Book.

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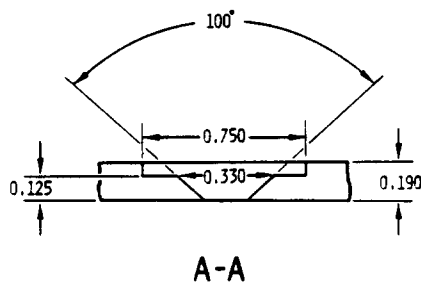
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0.750 DIA SPOTFACE TO
0.125 MATERIAL THICKNESS
100° X 0.330 DIA COUNTERSINK
TYP 2 PLACES

A BLOWER MOUNTING BRACKET



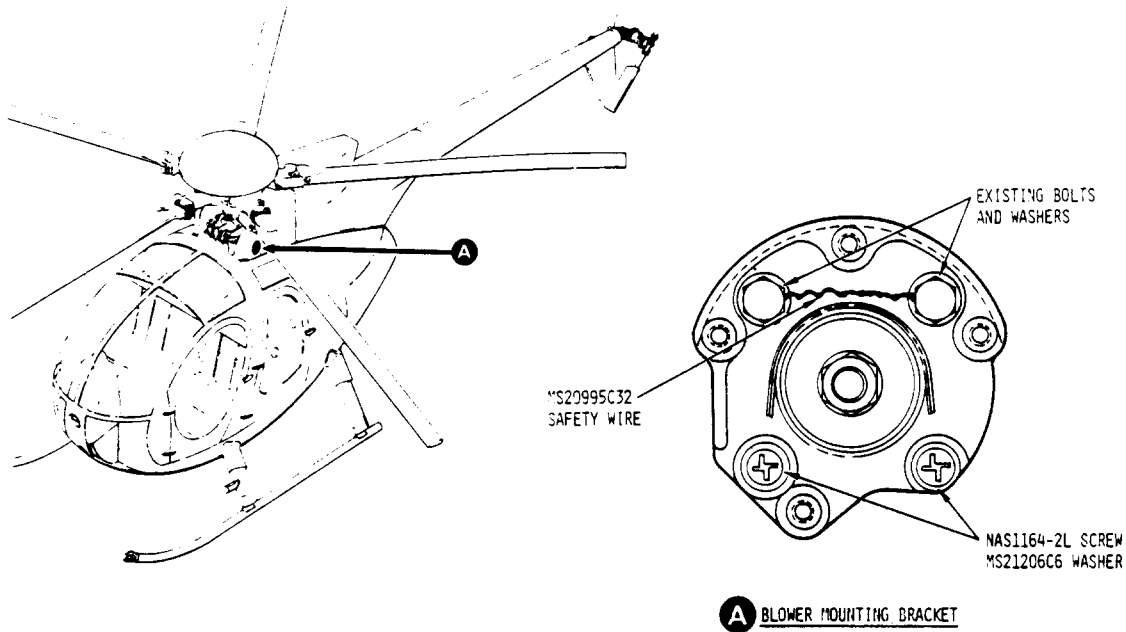
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Figure 1. Rework of Cooling Blower Mounting Bracket

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NOTE:
AFTER INSTALLATION OF SAFETY
WIRE, INSURE THAT THE BELT
DOES NOT INTERFERENE WITH WIRE

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Figure 2. Installation of Reworked Cooling Blower Mounting Bracket

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