



HUGHES SERVICE INFORMATION NOTICE

NOTICE NO. N-19

DATE December 2, 1966

PAGE 1 OF 3

SUBJECT: FIELD MODIFICATION - INDUCTION SYSTEM AIR
FILTER HOUSING P/N 8143

MODELS AFFECTED: 269A Serial No's. 0011 through 0632, 269A-1
Serial No's. 0001 and subsequent, 269B Serial No's.
0001 through 0246 and 0249.

TIME OF COMPLIANCE: At owners/operators discretion.

PURPOSE: To provide additional stiffness to the right side of
the housing. The procedure defined in this notice
outlines the method of adding extensions to the
existing beads. The increased strength will help
prevent cracking of the housing.

Reference

269A/A-1 Handbook of Maintenance Instructions
TH55A HMI Addendum
269B Handbook of Maintenance Instructions

MATERIALS

<u>Nomenclature</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Manufacturer</u>
Fiberglass cloth	#120 Volan "A" finish	A/R	Comm.
Resin	#623CL	A/R	Comm.

NOTE

Any quality commercial fiberglass kit may be used as an alternate.

Solvent	Naptha	A/R	Comm.
---------	--------	-----	-------

- a. Remove lower forward fairing from rotorcraft.
- b. Using solvent, remove grease, dirt and other foreign material from right side of air filter housing.
- c. Make from balsa wood or rolled fiberglass cloth, two formers approximate size of existing beads, cut to proper length. (See Figure 1)
- d. Cut fiberglass cloth to provide at least 1 inch of contact with flat surface of housing on each side of bead. Cut strips of sufficient length to overlap top of existing bead at least 1 - 1/2 inches.
- e. Completed bead extensions shall extend up side of housing to within from 3/8 to 1/2 inch of top of housing.
- f. Position bead former on side of housing, secure with one strip of glass cloth (refer to step c) and resin.
- g. Remove wrinkles and bubbles fairing cloth to housing. Add second strip of cloth over first in same manner.
- h. Repeat step e. for remaining bead.

NOTE

Allow sufficient time for resin to cure.

- i. Remove rough or jagged edges using emery paper (150 grit approx.)
- j. Inspect modification for security.
- k. Reinstall lower forward fairing.

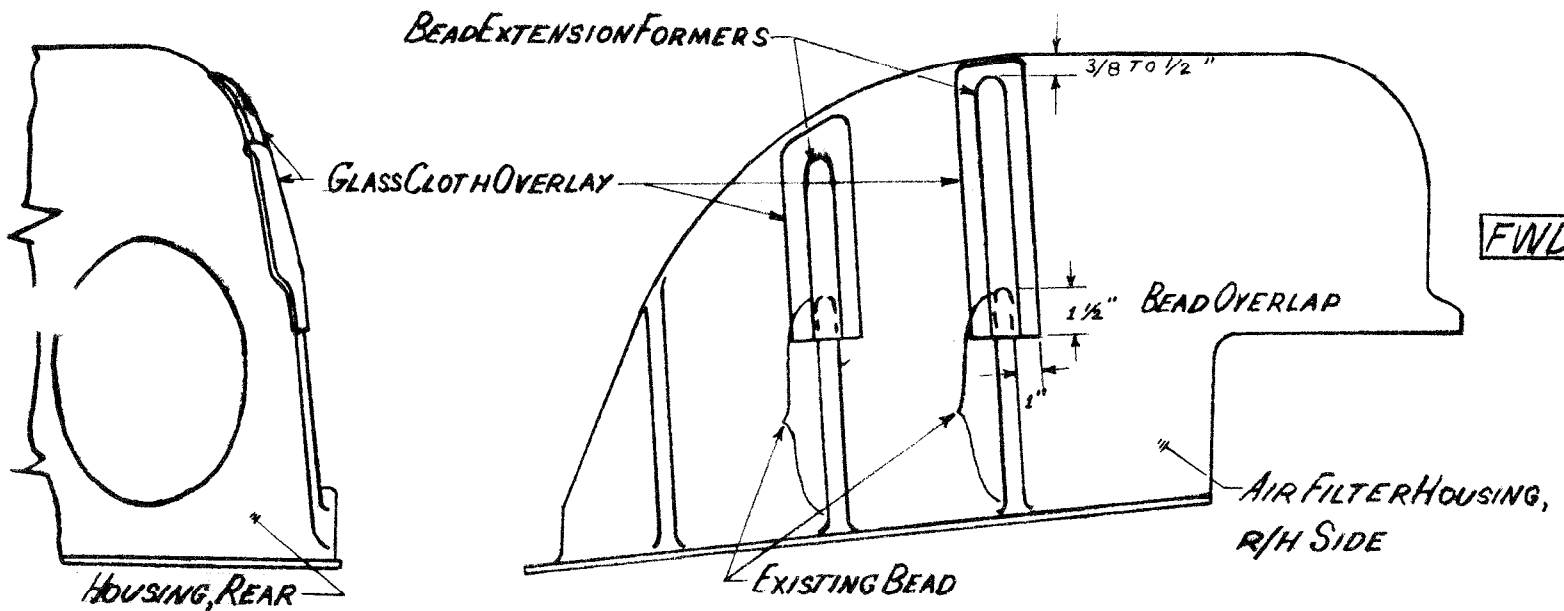


FIGURE 1.

