

**HUGHES
SERVICE INFORMATION
LETTER**

LETTER NO. L-92
DATE 11 October 1976
PAGE 1 OF 2

TO—All owners and operators of Hughes Helicopters

SUBJECT: NEW 269B1145-25 MAIN ROTOR BLADE WITH TRIM TAB

MODELS AFFECTED: 269A Helicopter Serial No. 0011 thru 0314*
269A (TH-55A) Helicopter Serial No. 0315 and subsequent
269A-1 Helicopter Serial No. 0001 thru 0041
269B Helicopter Serial No. 0001 and subsequent

Reference

269 Series - Basic HMI, Issued 1 April 1973; Revision No. 3, 15 March 1975

A new 269B1145-25 main rotor blade is now available for installation on the above affected helicopters. The new -25 blade is basically identical to the 269B1145-1 main rotor blade, except that the new blade has a trailing edge trim tab which can be adjusted to accommodate diving and climbing characteristics of the individual blade and thus improve blade tracking.

The tabbed 269B1145-25 and untabbed 269B1145-1 blades are 100 percent interchangeable, individually or in ship sets.

Adjustment of the blade tab on the new 269B1145-25 blade is accomplished with the same tab bending tools, and with the same tab adjustment procedures and criteria as specified for the 269A1160 main rotor blades installed on Model 269C helicopters.

Bending or "tweaking" the blade tab should be done in 1/2 degree increments only, using a special tab bending tool PN 369H9928 (or alternate tool PN 369A9958). The normal maximum tab bend required for tracking is between 1 to 1-1/2 degrees. Diminishing effects will result for a tab bent over 3 degrees. The total tab bend is limited to 4 degrees, either up or down from the center (0 degree) chordline position. Regardless of circumstances, the blade tab must never be bent more than 4 degrees.

*Applicable if presently equipped with 269B1145-1 main rotor blades.

Customer Service Department - Hughes Helicopters - Culver City, California

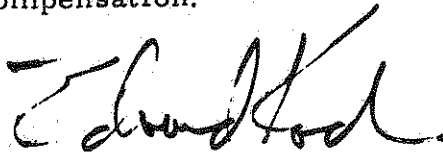
LETTER NO. L-92

Hughes Helicopters

DATE 10 October 1976

PAGE 2 OF 2

If two or more 269B1145-25 blades are installed, tab adjustment should be spread between the blades to minimize the bend in any one blade. If more blade adjustment is required than allowed for one blade tab, the other blade tab(s) in the ship set may be bent for compensation.

A handwritten signature in cursive script, appearing to read "Edward Koch".

Edward Koch, Manager
Customer Service Department
Hughes Helicopters