



**HUGHES
SERVICE INFORMATION
NOTICE**

NOTICE NO. N-98

DATE 29 November 1971

PAGE 1 OF 3

FAA APPROVED

SUBJECT: INSPECTION - TAIL ROTOR CONTROL STOP,
P/N 269A7326

MODELS AFFECTED: 269A Helicopter Serial No. 0011 thru 0314
269A (TH-55A) Helicopter Serial No. 0315 and subsequent
269B Helicopter Serial No. 0001 thru 0457
269C Helicopter Serial No. 0001 thur 0104

TIME OF COMPLIANCE: Shall be accomplished at next 100 hour
periodic inspection

PREFACE: The information given in this Service Information Notice lists a procedure for a one-time inspection of the P/N 269A7326 tail rotor control stop, to determine if interference exists between the control stop and the tail rotor control cable. A procedure for rework and modification of the control stop is included, to eliminate any interference that may exist.

Reference

269 Series - Basic Handbook of Maintenance Instructions, Revised 1 August 1971

MATERIALS

Thinner	Prepsol	Dupont
Cloth, aluminum oxide		Commercial
Chromic acid solution	Dow 7	Dow Chemical Co.
Primer, zinc chromate		Sherwin Williams Co.
Enamel, epoxy		Sherwin Williams Co.

PROCEDURE

a. Using adequate light source and mirror, inspect tail rotor control stop for evidence of interference or chafing between the control cable and the control stop.

NOTE

1. If no interference or contact exists, perform steps e. and f. only.
2. If interference or chafing is noted, modify control stop per steps b. thru f.

b. Relieve tension (60 to 65 pounds) on control cable assemblies by removing locking clips and turnbuckles. Also (high tip speed tail rotor only) relieve tension on control cables by releasing bungee retainer on right side, right pushrod under floor of cabin.

c. Using rattail file or equivalent, remove material from control stop at localized area shown in Figure 1; remove sufficient material (up to maximum allowed) to eliminate interference or chafing.

d. Perform exterior surface touchup treatment for magnesium alloy, per Section 2 of Basic HMI; use Dow 7 chromic acid solution.

e. Install turnbuckles on cable terminals. Set cable tension at 60 to 65 pounds by adjusting turnbuckles, with centerline of aft bellcrank at 90 degrees to centerline of helicopter and rudder pedals aligned in neutral position (in line). Secure turnbuckles with clips or lockwire (refer to Section 9 of Basic HMI).

NOTE

For high tip speed tail rotor only, adjust bungee on right side, right pedal pushrod, per Section 9 of Basic HMI.

f. Record compliance with this Service Information Notice in Compliance Record of helicopter Log Book.

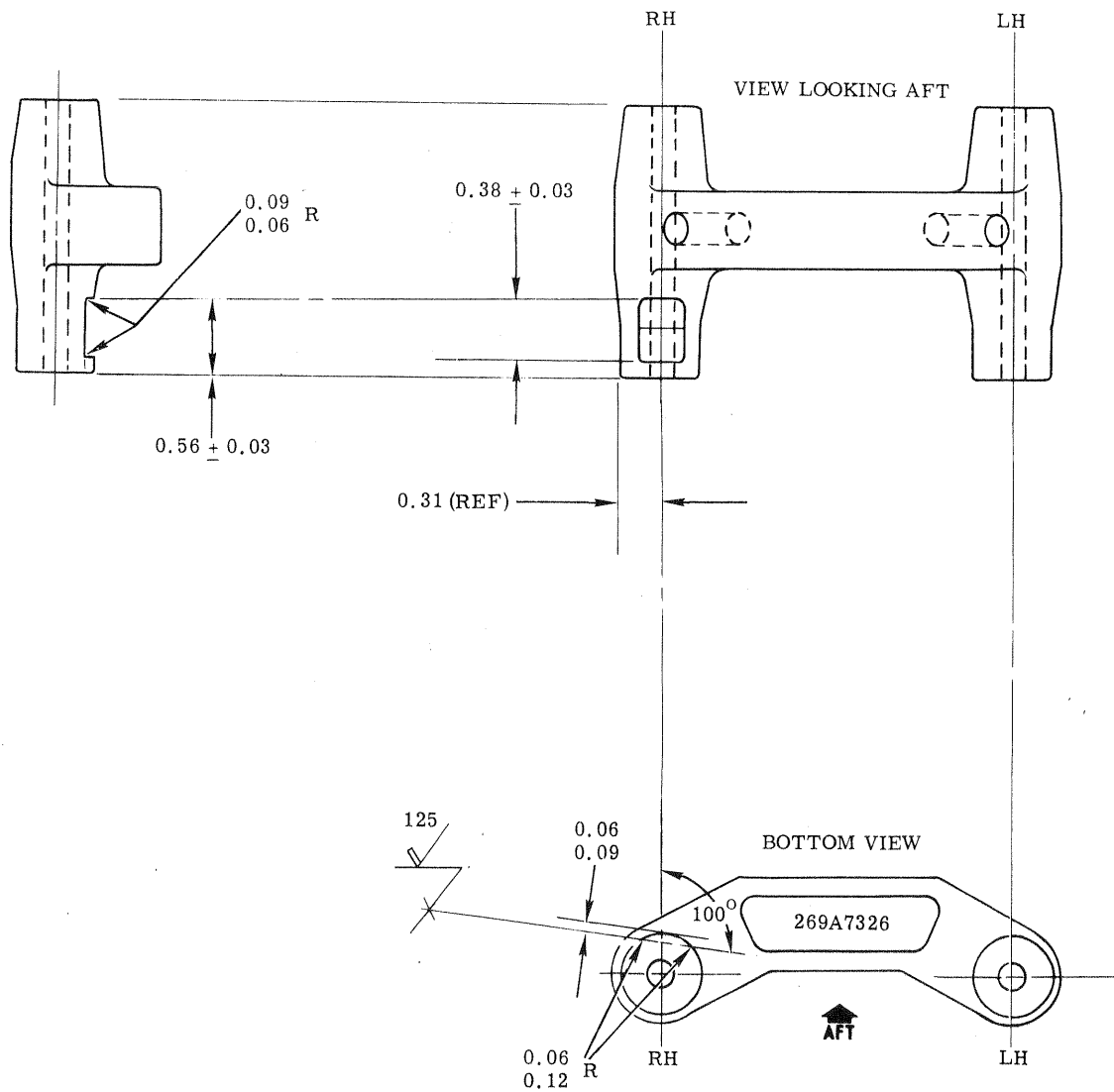


Figure 1. Rework - Tail Rotor Control Stop, P/N 269A7326

