



TECHNICAL BULLETIN

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INSTALLATION OF PN 369H4237-21 RESISTOR BOARD ASSEMBLY FOR EASIER, MORE ACCURATE ADJUSTMENT OF TOT INDICATOR

1. PLANNING INFORMATION

A. Models Affected:

500D Model 369D Helicopter Serial No. 0003D thru 1049D

B. Preface:

The information given in this Service Information Notice lists a procedure for installing a new PN 369H4237-21 resistor board assembly (TB9) which incorporates a multiple turn thermocouple lead resistor (R4), as replacement for the existing PN 369H4237 resistor board with an adjustable type resistor. The new multiple turn resistor allows for easier, more accurate adjustment of the TOT indicator.

It is to be noted that the new PN 369H4327-21 resistor board assembly (TB9) is installed on production 500D helicopter Serial No. 1050D and subsequent.

C. Time of Compliance:

At owners and operators discretion

D. Reference:

500D Model 369D Basic HMI-Vol I, Issued 15 September 1976; Revision No. 15 May 1981

E. Weight and Balance Data:

Weight and balance not affected

F. FAA Approval:

The resultant alteration described by the Installation Procedure in this Notice has been shown to comply with applicable Federal Aviation Regulations and is FAA Approved.

G. Parts/Supplies:

REPLACEMENT PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Resistor board assembly (TB9)	369H4237-21	1	HHI

2. INSTALLATION PROCEDURE

NOTE: Resistor board assembly (TB9) and thermocouple lead resistor (R4) are mounted on terminals of TOT indicator.

- (1). Check that all electrical power is OFF.
- (2). Remove left instrument panel fairing. (Refer to Section 17 of HMI- Vol I.)

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- (3). Disconnect thermocouple leads from terminal board TB9 on TOT indicator. (Refer to Section 17 of HMI-Vol I.)
- (4). Remove existing terminal board (TB9) from TOT indicator; remove TOT indicator from instrument panel.
- (5). Connect TOT thermocouple leads to new PN 369H4237-21 terminal board assembly (TB9).
- (6). Calibrate TOT indicating system, per Section 17 of HMI-Vol I.
- (7). Reinstall TOT indicator on instrument panel.
- (8). Connect new terminal board assembly (TB9) to TOT indicator terminal lugs.
- (9). Reinstall left instrument panel fairing.