



TECHNICAL BULLETIN

DATE: 08 DECEMBER 1980
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REWORK OF STATIC PRESSURE TUBE INSTALLATION TO MINIMIZE ALTIMETER NEEDLE OSCILLATION

1. PLANNING INFORMATION

A. MODELS AFFECTED:

500D Model 369D Helicopter Serial No. 0003D thru 0731D

B. PREFACE:

The information given in this Service Information Notice lists a procedure for rework of the hardware connecting the crossover tube between the altimeter and airspeed indicators on the instrument panel to reduce needle bounce. The rework consists primarily of removing the existing 369H6610-3 plug from the connector at the airspeed indicator and installing a new 369H6610-23 plug in the existing tee at the altimeter indicator.

C. TIME OF COMPLIANCE:

At owners and operators discretion

D. FAA APPROVAL:

FAA/DER APPROVED 17 December 1980

E. WEIGHT AND BALANCE:

Weight and balance not affected

F. REFERENCE:

500D Series Basic HMI-Volume I, Issued 15 September 1976,
Revision No. 3, 15 March 1979

G. PARTS LIST:

REPLACEMENT PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Plug	369H6610-23	1	HH

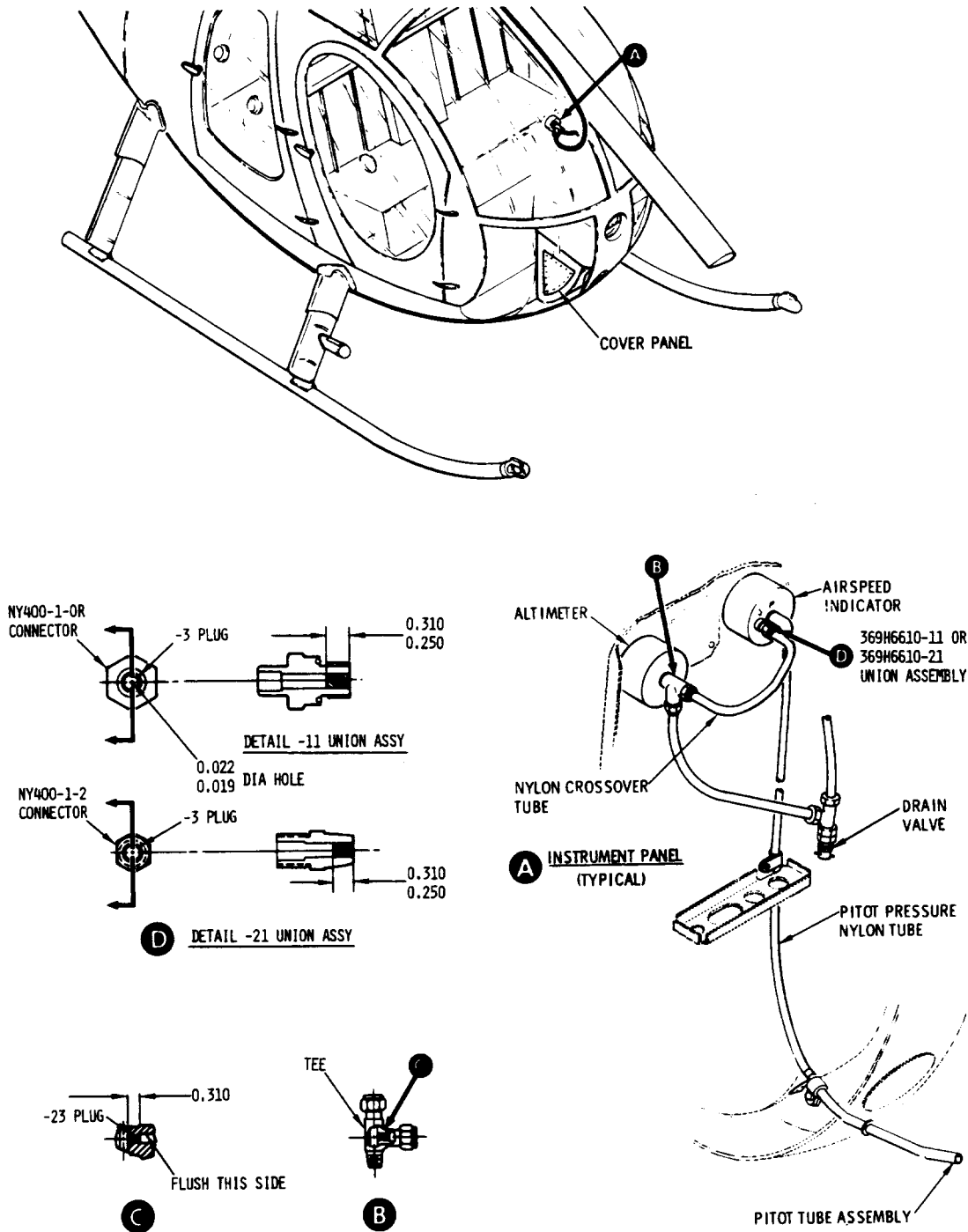
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2. REWORK PROCEDURE

- (1). Check that all electrical power is OFF.
- (2). Remove instrument panel fairing and hood, per HMI-Vol I.
- (3). Disconnect drain tube from 369H6628 tee at altimeter indicator. (See Figure 1.)
- (4). Press fit new 369H6610-23 plug into tee as show, reconnect drain tube to tee. (See View B.)
- (5). Disconnect crossover tube from connector at airspeed indicator.
- (6). Remove existing -3 plug from 369H6610-11 or -21 union assembly,
- (7). Reconnect crossover tube to connector at airspeed indicator.
- (8). Reinstall instrument panel fairing and hood.
- (9). Perform flight test to check instrument operation.

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Figure 1. Rework of Static Pressure Tube Installation