

# ALERT SERVICE BULLETIN

FROM GOVERNMENT AIRCRAFT FACTORIES

NOMAD ALERT SERVICE BULLETIN AN22-27-8

CONFIRMATION OF TELEX AND REVISION TO PARA 5 SUB PARA 4

1. SUBJECT - CONTROL WHEEL ASSY RETAINING PIN PT NO. 1/N-45-1223  
- REMOVAL AND REPLACEMENT BY USING BOLT WITH SLOTTED NUT.

2. APPLICABILITY - ALL N22, N22B, N24 AND N24A A/C PRE-MOD N301  
WITH PIN 1/N-45-1223 FITTED TO PILOTS AND CO-PILOTS CONTROL WHEEL  
ASSYS.

3. COMPLIANCE - WITHIN TEN FLYING HOURS ON RECEIPT OF THESE  
INSTRUCTIONS.

4. REASON -

AN INCIDENT HAS OCCURED WHEREBY THE SAFETY PIN AN416-2 WAS FOUND TO  
BE DISCONNECTED FROM CONTROL WHEEL ASSY RETAINING PIN 1/N-45-1223  
TO PRECLUDE THE POSSIBILITY OF DISCONNECTED OR JAMMED CONTROLS THESE  
INSTRUCTIONS DETAIL THE PROCEDURE TO FIT A MORE POSITIVE FORM OF  
CONNECTION.

5. ACCOMPLISHMENT INSTRUCTIONS

(REFER IPC 27-40-02 FIG 2 SHEET 1 PAGE 0)

FROM EACH PILOTS AND CO-PILOTS CONTROL WHEEL ASSYS

- 1) REMOVE SAFETY PIN ITEM 8 PT NO. AN 416-2
  - 2) CUT RETAINING CABLE ITEM 6 PT NO. P49-1
  - 3) REMOVE AND DISCARD PIN ITEM 5 1/N-45-1223, SAFETY PIN ITEM 8,  
CABLE AND BALL ENDS ITEMS 6 AND 7.
  - 4) IN LIEU OF PIN ITEM 5 FIT BOLT NAS 1304-23 OR AN 174-17 USING WASHERS  
AN960-PD416 OR 416L UNDER HEAD OF BOLT AND UNDER SLOTTED NUT AN 320-4  
(NB HEAD OF BOLT UPPERMOST).
  - 5) TIGHTEN NUT TO FIVE REPEAT FIVE INCH POUNDS TORQUE
  - 6) MARK AND DRILL BOLT WITHIN CASTELLATION OF SLOTTED NUT TO ACCEPT  
ONE SIXTEENTH INCH SPLIT PIN MS 24665-134. FIT SPLIT PIN
  - 7) FUNCTIONALLY CHECK CONTROLS FOR RANGE AND FREEDOM OF MOVEMENT.
6. RECORDING ACTION. RECORD COMPLIANCE WITH THIS SERVICE BULLETIN  
IN THE AIRFRAME LOG BOOK. NOTE EMBODIMENT OF NOMAD MOD N301 RENDERS  
COMPLIANCE WITH THESE INSTRUCTIONS UNNECESSARY.

APPROVED BY GOVERNMENT AIRCRAFT FACTORIES, POST DESIGN SECTION.

30th June, 1978

S/B AN22-27-8