

# ***Nomad*** ALERT SERVICE BULLETIN

## FLIGHT CONTROL OBSTRUCTION

### 1. PLANNING INFORMATION

#### A. EFFECTIVITY

All Nomad Aircraft.

#### B. COMPLIANCE

Part A. before next flight.

Part B. at next 100 hourly inspection.

#### C. REASON

Insufficient clearance may exist between control wheel retaining bolt and control wheel gimbal bearing support brace causing control obstruction when aileron is applied at the extreme aft stick position.

#### D. DESCRIPTION

Mod N301 replaced the control wheel assy retaining pin with a NAS1304-23 bolt and slotted nut AN320-4 (ASB AN22-27-8 refers) interference may exist between this bolt and the tie rod attachment plates of the gimbal support structure (Ref MM Chap 27-10-14 Fig 201).

### 2. ACCOMPLISHMENT

#### A. PART A

Check the longitudinal and lateral controls for freedom of movement in the aft stick position by application of full left and right aileron. If interference is felt carry out Part B. before further flight.

#### B. PART B

Inspect the gimbal support structure tie rod attachment plates and ensure a minimum clearance of (0.125") exists between the end of the control wheel attachment bolt and the edge of the semi circle cut out of the attachment plates through the full range of aileron travel file the edge of the attachment plates to achieve this clearance.

### 3. RECORDING

Record compliance with this Service Bulletin in the airframe log book. The pilot may carry out and certify for part A. of this ASB.

Page No	1
Rev No	1