

CESSNA AIRCRAFT COMPANY
MODEL 188 SERIES
SERVICE MANUAL

SUPPLEMENTAL INSPECTION NUMBER: 27-20-01

1. **TITLE:**
Rudder Pedal Torque Tube Inspection

2. **EFFECTIVITY**
188-0001 thru T18803974(T),
A-A1880001 thru A-A1880034

INSPECTION COMPLIANCE

ALL USAGE:	INITIAL	10,000 Hours	or	20 Years (NOTE)
	REPEAT	3,000 Hours	or	5 Years (NOTE)

NOTE: Refer to Note 1, Section 2A-14-00

3. **PURPOSE**
To verify integrity of the rudder pedal torque tube assembly.

4. **INSPECTION INSTRUCTIONS**

- A. For applicable units, check airplane records to verify that Service Bulletin SL67-47 has been accomplished. If not, complete SL67-47 with this inspection.
- B. Inspect rudder pedal torque tubes for corrosion or cracking and cable and pedal attachment arms for wear, cracks or weld failures. Refer to Figure 1.
 - (1) Clean area before inspecting if grime or debris is present.
- C. Inspect the rudder bar support brackets for cracks at the bend radii in the mounting flange.

5. **ACCESS AND DETECTABLE CRACK SIZE**

ACCESS/LOCATION

Fuselage, Near Forward Firewall

DETECTABLE CRACK SIZE

Not Allowed

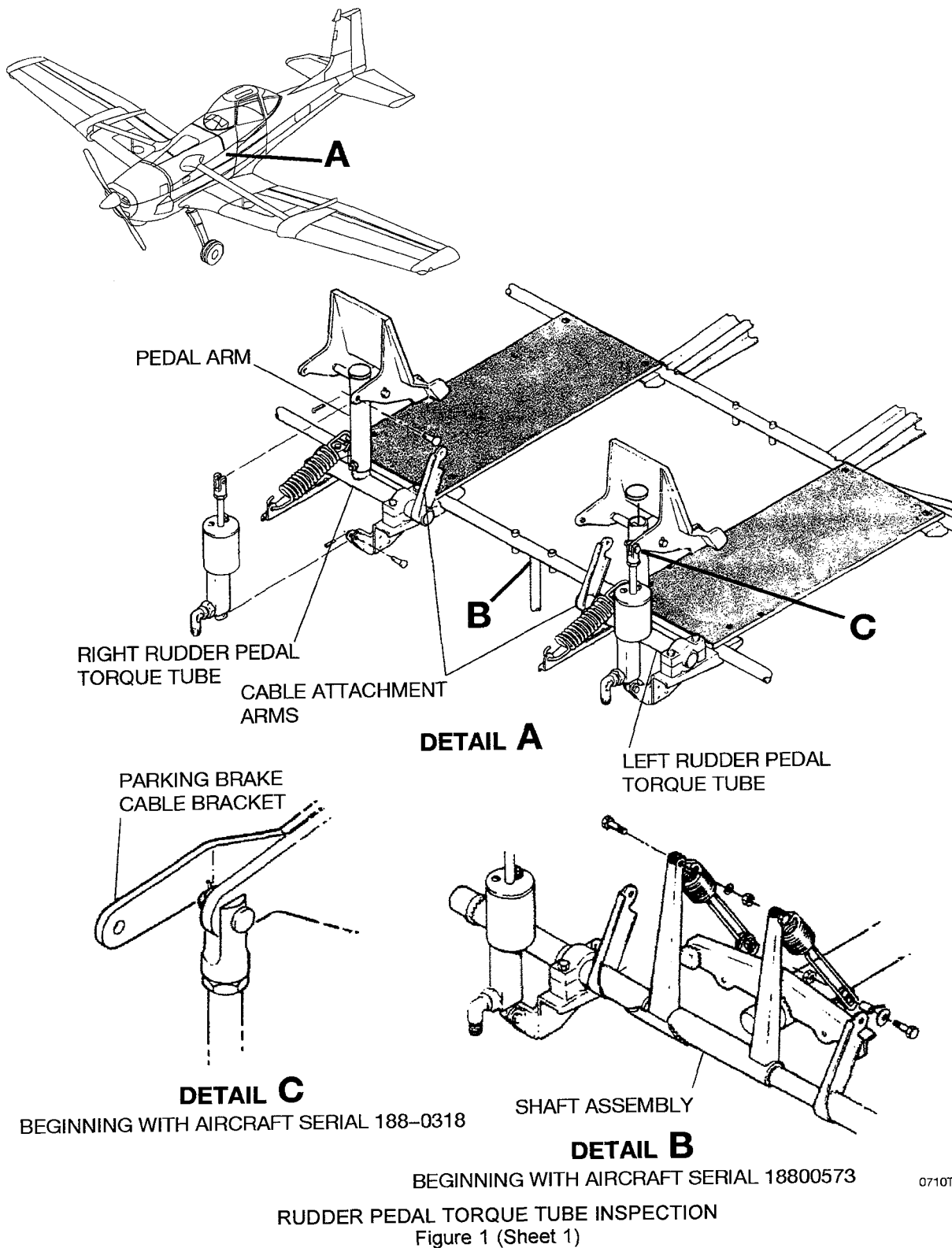
6. **INSPECTION PROCEDURE**
Visual

7. **REPAIR/MODIFICATION**
Typical failures occur at or close to welds in the rudder bar. Since the rudder bar is not heat treated after welding, it can be rewelded and used without subsequent heat treatment. Examine the rewelded area after welding for any new or additional cracking. Repairs may be made in accordance with Section 17 (Structural Repair) of the Model 188 Service Manual. Coordinate any repair not available in Section 17 with Cessna Customer Service prior to beginning the repair.

8. **COMMENTS**

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