

CESSNA AIRCRAFT COMPANY
MODEL 337 SERIES (1965 - 1973)
SERVICE MANUAL

SUPPLEMENTAL INSPECTION NUMBER: 27-20-01

1. **TITLE:**
Rudder Pedal Torque Tube Inspection
2. **EFFECTIVITY**
647, 656, 337-0001 thru 33701550, F33700001 thru F33700063, and M337-0001 thru M337-0467

INSPECTION COMPLIANCE

ALL USAGE:	INITIAL	10,000 Hours	or	20 Years (NOTE)
	REPEAT	3000 Hours	or	5 Years (NOTE)

NOTE: See Note 1, Section 2-14-00

3. **PURPOSE**
To verify integrity of the rudder pedal torque tube assembly.
4. **INSPECTION INSTRUCTIONS**
 - A. Inspect rudder pedal torque tubes and cable attachment arms for cracks or weld failures due to corrosion or fatigue.
 - B. Inspect the rudder bar support brackets for cracks at the bend radii in the mounting flange.
 - C. Confirm the integrity and security of the cable and pedal attachments to the rudder bars.

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. Make other repairs by replacing damaged or missing parts with spare parts. Make repairs in accordance with Section 16 of this manual. Coordinate any repair not available in Section 16 with Cessna Customer Service prior to beginning the repair.

8. **COMMENTS**

This inspection supersedes and replaces CAP 27-20-01, Rudder Pedal Torque Tube Assembly.