

Cessna 185 Series Aeroplanes

**AD/CESSNA 185/40
Amdt 1**

Fuel Filler Caps and Adaptors

11/88

Applicability: Models with serial number:

185-0001 through 18503683 (1961-1978),

18503684 through 18504414 (1979-1983) (optional tanks only);

unless reduced diameter, raised filler neck fuel caps are installed on all filler openings in accordance with Cessna Service Kit SK182-85 (refer S.I.L. SE 84-16).

Requirement:

1. Visually inspect the wing aft of the fuel filler for indications of inflight fuel leakage.
2. Visually inspect the fuel cap locking mechanism and seals for cracking, distortion and any condition which might prevent sealing.
3. Remove the fuel filler caps and inspect the adaptor sealing face for distortion, scratches, corrosion or any condition which may prevent the cap from sealing.
4. Visually check the sealing and security of the attachment of the adaptor flange to the adaptor plate paying particular attention to the adhesive (if present) between the parts.
5. Check the fuel cap seal by actuating the locking tab and noting that force is maintained between the cap, seal and adaptor when the tab is in the over-centre locking position.
6. Conduct a fuel cap leak test in accordance with Cessna SIL SE 82-34.

Compliance:

Prior to the issue of the next Maintenance Release after 30 June 1985 and thereafter at each issue of a new Maintenance Release.

Background:

This Amendment deletes the requirement for extensive inspection and testing of fuel filler caps against possible water ingress, for aeroplanes fitted with raised fuel filler necks.