

**61-25-01 CESSNA:** Amdt. 376 Part 507 Federal Register December 9, 1961. Applies to All Models 120, 140, and 140A Aircraft, On Which A Met-Co-Aire Tricycle Landing Gear (STC SA4-916) Has Been Installed.

Compliance required as indicated.

To correct an unsafe condition in the main gear the following shall be accomplished:

(a) Within 20 hours' time in service after the effective date of this AD and at periods thereafter not to exceed 100 hours' time in service:

(1) Tighten and torque to 50-70 inch-pounds the four AN 4 bolts (two on each side) which extend through the Cessna main gear wedges and the Met-Co-Aire support plate, P/N RD-1001C-11. Care should be taken to insure that the AN 365 stop nuts have not bottomed on the bolt threads before adequately tightening the wedge in place as specified above; use metal washers under the nut or bolt heads as necessary.

(2) Conduct a close visual inspection for cracks in the corners of the slots in the support plate, P/N RD-1001C-11, and in the attach plate. Parts exhibiting evidence of cracks shall be replaced with Met-Co-Aire P/N RD-1001C-6 or FAA approved equivalent. When a new part is installed, the repetitive inspection prescribed in this subparagraph may be discontinued.

(b) Within 20 hours' time in service after the effective date of this AD:

(1) Inspect the attachment of the top flanges of the bulkheads in the landing gear attachment box and perform such work as necessary to assure that all rivets which secure the box to the floor structure are properly installed. Refer to Met-Co-Aire installation instructions dated August 29, 1959, as revised January 1, 1961, for description and location of necessary rivets.

(2) If installed, remove the adapter plates, Cessna P/N 0441147, which may have been used to extend the main gear wheels forward.

(Met-Co-Aire Service Directive SD-1003 covers this same subject.) This directive effective December 20, 1961.