

Airtractor AT-300, 400 and 500 Series Aeroplanes

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**AD/AT/16**

**Wing Attachment Angles**

**13/98**

Applicability: All Airtractor models.

CANCELLED.

Background: This Airworthiness Directive was originally issued to inspect the wing attachment angles on Airtractor aircraft after several were found with cracks. The Directive required inspection either annually or within 100 hrs TIS, whichever occurred first. The requirement to inspect every 100 hrs was based on an estimated crack growth rate and assumed consequences of failure.

Since issue of the Directive, the manufacturer has been able to demonstrate that whilst inspection is still necessary, such an inspection need not be done more frequently than annually. Therefore, the requirement for inspection every 100 hrs TIS is no longer necessary.

Review of the possible systems of maintenance under which all aircraft operate show that the manufacturer's maintenance manuals require annual inspection of the angles. The manufacturer has also issued various service bulletins discussing the need for recurring annual inspection of the angles. And finally, Schedule 5 explicitly directs inspection of these angles as part of the periodic inspection. Hence since all systems of maintenance require at least annual inspection of the angles, there is no requirement for the Directive. Therefore, this Airworthiness Directive has been cancelled.