



# Service Bulletin

**TAT SB09-01**

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Rev. B: 6/29/12

Model SR22 w/ Turbonormalizer

Installed per STC SA10588SC

And SE10589SC

## COMPLIANCE

**MANDATORY:** Tornado Alley Turbo considers this Service Bulletin to be **MANDATORY**. These instructions are effective as of the date of issue. Inspection should be completed within the next 25 hours or the next oil change, whichever occurs first. Thereafter, this inspection should be accomplished at every oil change, but not to exceed 50 hours.

## EFFECTIVITY

Cirrus Design SR22 equipped with a Tornado Alley Turbo Inc. Turbonormalizing System using half stamped exhaust manifolds installed per STC SA10588SC and SE10589SC. Aircraft with the following Serial Numbers are affected:

SR22-2610, -2614, -2618, -2620 and subsequent serial numbers equipped with a Tornado Alley Turbo Inc. Turbonormalizing System are to be inspected.

## APPROVAL

Engine Technologies, Inc., the Turbonormalizing System STC holder, has approved all technical data in this Service Bulletin that affect the type design.

## PURPOSE

The purpose of this Service Bulletin is to instruct owners of Turbonormalized Cirrus Design SR22 Series airplanes to have the exhaust manifolds inspected for cracks around the turbo mount flanges. (See Picture)

## DESCRIPTION

Visual inspection of exhaust manifolds.

## WARRANTY INFORMATION

Initial and repetitive inspection labor time is not covered under warranty. Parts and labor are warranted by Tornado Alley Turbo, Inc. for turbonormalizing systems still under the initial 2 year warranty period. Removal and replacement labor time will only be approved after verification of failure. Contact Cirrus Aircraft for warranty considerations for turbonormalizing systems still under the third year of the 3 year warranty. All other turbonormalizing systems are not warranted.

## MANPOWER REQUIREMENTS

For inspection of exhaust manifolds: One mechanic, ten minutes

For removal and installation of one side of exhaust (if required): One mechanic, 4 to 5 hours

## WEIGHT AND BALANCE

Weight change: None.

## MATERIAL INFORMATION

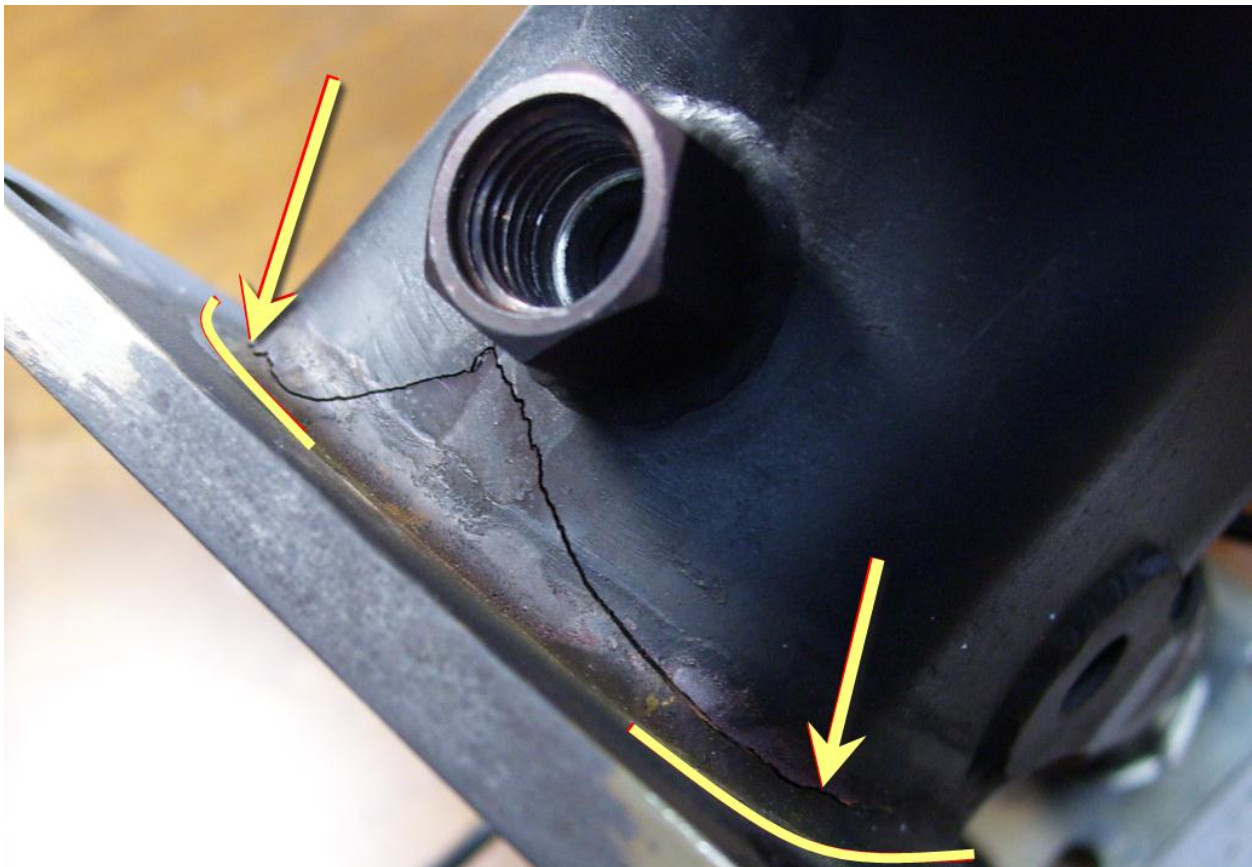
Not applicable to these instructions.

## ACCOMPLISHMENT INSTRUCTIONS

- While cowling is removed, use a flashlight and inspection mirror to inspect the right and left exhaust manifolds for cracks around turbo mount flange.
- If cracks are found replace exhaust manifold in accordance with Instructions for Continued Airworthiness, Report 22-6460004.

## PARTS AVAILABILITY

Contact Tornado Alley Turbo Inc. for replacement parts.



Inspect corners and radii indicated by the arrows.