



## Power Systems

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# Service Information Letter

The technical content of this letter is FAA Approved

Letter No. A-131

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## TURBOCHARGER P/N 466304-0003 DATA TAG INSPECTION

### INTRODUCTION:

During recent activity regarding Kelly Aerospace Power Systems (KAPS) Service Bulletin SB 026B, it was discovered that two conditions exist involving turbocharger P/N 466304-0003 as applied through the Tornado Alley Turbonormalizing System STC on Cirrus SR22 aircraft. The primary condition relates to the turbocharger data tag. In some instances, the tag was noticed to be loose in its cavity. The other issue pertains to the clarity of the recording of the turbocharger model and serial number in the aircraft paperwork.

This Service Information Letter requires the inspection of KAPS turbocharger P/N 466304-0003 data tags for looseness and applies a remedy. It also requires that a logbook statement be inserted which clearly states the turbocharger part number, serial number, and location.

### COMPLIANCE:

At the next regularly scheduled maintenance inspection or at the next unscheduled maintenance activity, the first to occur.

### EFFECTIVITY:

All Cirrus SR22 aircraft utilizing a Tornado Alley Turbonormalizing System. *System incorporates two Kelly Aerospace Power Systems P/N 466304-0003 Turbochargers.*

### PROCEDURE:

#### CAUTION:

Do not depend on this Service Bulletin for gaining access to the aircraft or engine. This will require that you use the applicable manufacturers maintenance manuals or service instructions.

1. Gain access to the aircraft turbochargers in accordance with the procedures in the aircraft service instructions or maintenance manual.
2. Observe the data tag and check that it is secure and not loose in the data tag cavity. If the data tag is not loose, proceed to instruction 4 on page 2. If the data tag is loose, continue to the next instruction.
3. Clean the data tag and recessed area using liberal amounts of isopropyl alcohol or other non oil based solvent (spray method is best). Thoroughly blow dry area with oil free compressed air. When completely dry, apply a 3/8 inch bead of Red RTV 106 adhesive sealant along each side of the tag extending onto the perimeter of the turbocharger tag recess area (see Fig 1). Take care not to cover data tag information. Let air cure at shop temperatures above 60°F for 25 minutes (tack free time) before continuing with this instruction. Allow full cure before operating the engine. For full cure time and detailed usage, follow manufactures instructions. Observe all manufacturers precautions when using this product. **NOTE: The application of sealant adhesive will be ineffective if the surface area is not clean.**

*For questions concerning this instruction please contact KAPS, Service Dept. at (888) 461-6077. Contact your local KAPS distributor to purchase available service parts.*

## PROCEDURE: (Cont'd)

- Utilizing the applicable aircraft and engine manufacturers maintenance manuals, install any portion of the aircraft removed to gain access.
- Make an appropriate aircraft logbook entry showing compliance with this Service Information Letter. The logbook entry should give a statement of work done plus it **must include** the statement as patterned by the example below.

*At the time of compliance of Kelly Aerospace Power Systems SIL A-131, this aircraft was equipped with a Tornado Alley Turbonormalizing System which contained a part number 466304-0003 turbocharger, serial number ( ), mounted on the left side (pilot) of the engine and a part number 466304-0003 turbocharger, serial number ( ), mounted on the right side (co-pilot) of the engine.*

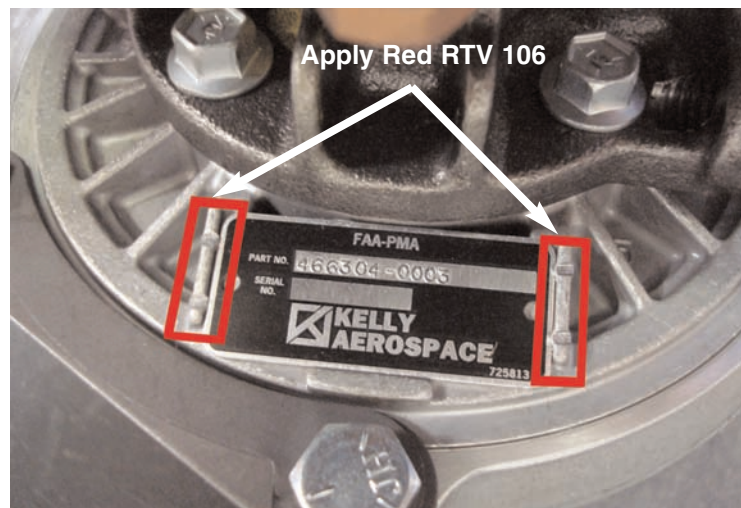


Fig. 1

## MATERIAL REQUIRED:

Red RTV 106 adhesive sealant, locally procured.

## WARRANTY STATEMENT:

No warranty or other participation is applicable to this service publication.

This publication does not imply or state any responsibility for the workmanship of any person or entity performing work or maintenance on the turbocharger or turbocharging system. Unless specified by Kelly Aerospace Power Systems in writing, using any non-Kelly part or component installed is prohibited and will void any outstanding or remaining warranty.