



Power Systems

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Service Information Letter

The technical content of this letter is FAA Approved

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ALTERNATE TURBINE HOUSING FOR P/N 407810-0001 TURBOCHARGER

INTRODUCTION:

Kelly Aerospace Power Systems (KAPS) uses the Ductile Ni Resist (DNR) turbine housing, P/N 407782-0001, on turbocharger assembly P/N 407810-0001. As an alternate in factory usage, we have also used a turbine housing made of stainless steel (HK30) P/N 446858-0001. These turbine housings may be used periodically and are approved as a replacement for the DNR housings as they are equivalent to the original configuration.

This Service Information Letter approves the use of KAPS P/N 446858-0001 stainless steel turbine housings as an alternate to the DNR P/N 407782-0001 turbine housings as used on turbocharger P/N 407810-0001.

COMPLIANCE:

At overhaul or repair of turbocharger P/N 407810-0001 as desired.

EFFECTIVITY:

All engines utilizing turbocharger P/N 407810-0001.

PROCEDURE:

1. Substitution of P/N 407782-0001 DNR turbine housing is permitted by utilizing P/N 446858-0001 stainless steel turbine housing on turbocharger P/N 407810-0001 if replaced per the applicable instructions contained in KAPS 400600-0000 Turbocharger Overhaul Manual.
2. Upon successful replacement, repair or overhaul of turbocharger P/N 407810-0001, compliance with KAPS Service Bulletin 023 "Turbocharger System Operational Tests" is mandatory.
3. Make an appropriate logbook entry referencing the substitution of the turbine housing in accordance with this Service Information Letter.

MATERIAL REQUIRED:

As required, one each, P/N 446858-0001 stainless steel turbine housing.

WARRANTY STATEMENT:

The sole warranty applicable to this service publication is related to the terms and conditions of a valid original Limited Warranty Policy for a new or overhauled KAPS turbocharger or piece part.

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.

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