

## **USE OF AUTHORIZED KAES P/N 400999-0000 TURBOCHARGER VALVES AND CONTROLLER OVERHAUL & MAINTENANCE MANUAL**

### **INTRODUCTION:**

In observation of field practices, we have noted that many shops and facilities have been using old, out of date, and superceded issues of the turbocharger valves and controller overhaul and maintenance manual issued by KAES or previous vendors. Kelly Aerospace Energy Systems, LLC (KAES) issued Service Letter 021 January 5, 2007, announcing the availability of part number 400999-0000 Turbocharger Valves and Controller Overhaul and Maintenance manual. This manual supercedes any and all versions of previously issued turbocharger valves and controller manuals. We bring this to your attention because at the date of this service bulletin, Revision A has been issued containing critical information concerning mandatory replacement parts and other important procedural changes that affect overhaul and repair. It must be noted that the 400999-0000 manual has been accepted by the Federal Aviation Administration (FAA) as the proper methods and procedures that FAA Certificated Repair Stations and A/P Mechanics must use in the inspection, maintenance and overhaul of aircraft turbocharger valves and controllers manufactured by Kelly Aerospace Energy Systems, LLC. Use of the proper and most current manual is mandatory and critical to the continued airworthiness of aircraft and rotorcraft that use the valves and controllers as covered therein. Failure to follow proper procedures or to comply with mandatory replacement part requirements may result in failure of the turbocharging system with potential loss of the aircraft or rotorcraft.

This Service Bulletin is being issued to serve as notification to the owner, operator and/or service facility that use of KAES P/N 400999-0000 Overhaul and Maintenance manual and the requirements therein is considered mandatory for any repair or overhaul of any and all valves and controllers covered in the manual.

### **COMPLIANCE:**

Immediately and/or prior to repair or overhaul of any Kelly Aerospace Energy Systems, LLC or it's predecessors\* turbocharger valves and controller. *This Service Bulletin while mandatory, is advisory in nature and requires no action other than acknowledgment and a logbook entry upon completion of any repair or overhaul per the effectivity below (see step 2 or 3 as applicable).*

### **EFFECTIVITY:**

All aircraft or rotorcraft utilizing turbocharging system valves and controllers manufactured by Kelly Aerospace Energy Systems, LLC or it's predecessors\*. *(Includes all models, serial numbers, and versions past and present.)*

\* *Predecessors include those units made by Garrett/AirResearch, AlliedSignal Garrett/Honeywell, Consolidated Fuels, RotoMaster, and Rajay.*

## **PROCEDURE:**

1. Thoroughly read and understand this service bulletin in its entirety. If you do not understand this service bulletin, contact KAES customer service per the contact information below. *The receipt of this service bulletin constitutes acknowledgment.*
2. Prior to undertaking any repair or overhaul of a Kelly Aerospace Energy Systems, LLC (or its predecessors\*) valve or controller, make a logbook entry noting: Repair or overhaul of this turbocharging system component is in full compliance with the Kelly Aerospace Energy Systems, LLC Service Bulletin 037 by meeting fully the requirements of (place revision level here) of the KAES P/N 400999-0000 Overhaul and Maintenance manual.
3. If returning a valve or controller to the customer or placing in inventory: Record the statement in step 2 on the return to service tag and place a copy of this service bulletin in the shipping container.

## **WARRANTY STATEMENT:**

No warranty or other participation is applicable to this service publication. Acknowledgment and understanding of this service bulletin is fully the responsibility of the service facility and/or the owner of the affected product. The issuance and use of the 400999-0000 Turbocharger Valves and Controller Overhaul and Maintenance manual and any revisions thereafter in no way constitutes an implied or expressed warranty of any kind.

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 Energy Systems, LLC in writing, using any non-Kelly part or component installed is prohibited and will void any outstanding or remaining warranty and shall apply a full share of liability to the owner, operator, and service facility choosing this action.

## **CONTACT INFORMATION:**

If you have any questions concerning this service information letter, please contact Kelly Aerospace Energy Systems Technical Support at 888-461-6077. Or write:

**Kelly Aerospace Product Support  
2900 Selma Highway  
Montgomery, AL 36108, USA**

\* *Predecessors include those units made by Garrett/AirResearch, AlliedSignal Garrett/Honeywell, Consolidated Fuels, RotoMaster, and Rajay.*