

## K-2809 – TFE-731-20 Engine Adapter Kit

This product can not be modified without the written approval of Tronair, Inc. Any modifications done without written approval voids all warranties and releases Tronair, Inc., its suppliers, distributors, employees, or financial institutions from any liability from consequences that may occur. Only Tronair OEM replacement parts shall be used.

The K-2809 Engine Sling Adapter Kit for the Garrett TFE-731-20R-1B engine is to be used with the 08-0133-4000, 08-0134-4000, or the 08-0135-4000 Engine Sling Bar assemblies. Always follow the manufacturer's instructions for proper engine handling.

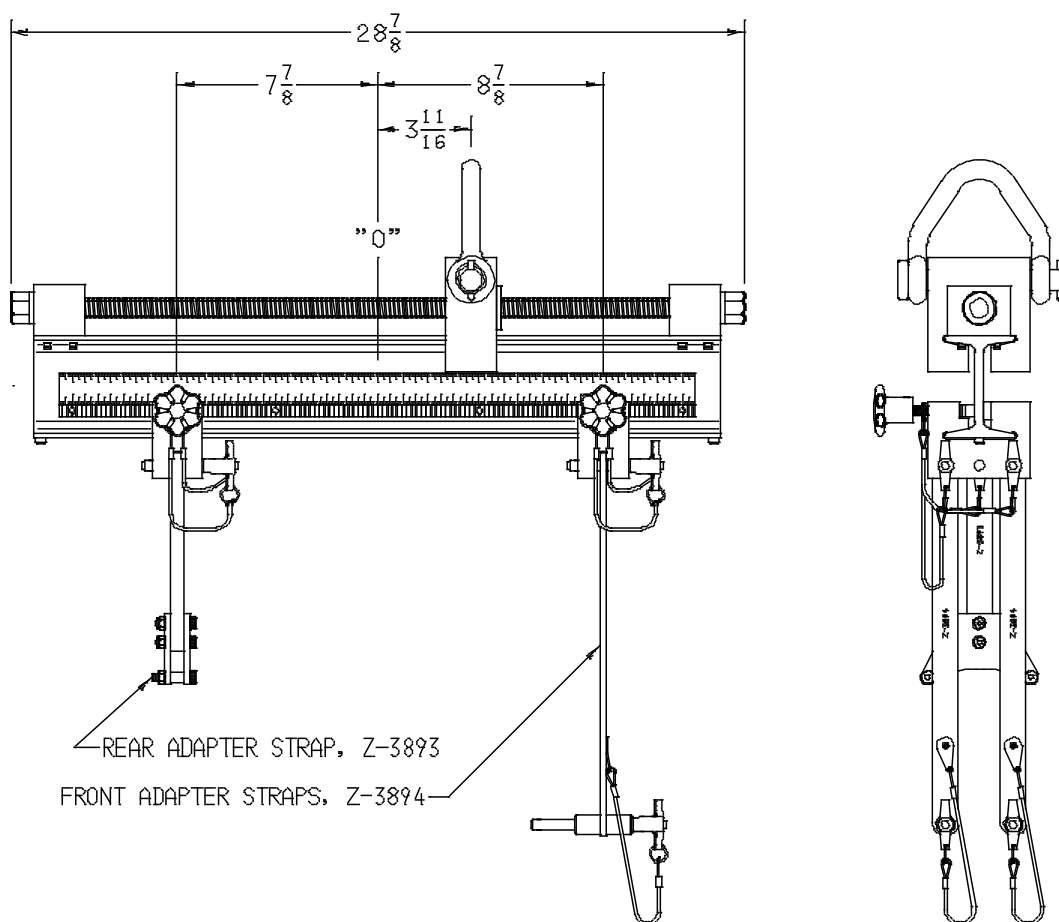
### ENGINE HANGING INSTRUCTIONS FOR THE TFE-731-20R-1B ENGINE

1. Locate the slide blocks on the engine sling bar assembly with the front slide block located at  $8 \frac{7}{8}$  inches forward of zero point. Locate the rear slide block at  $7 \frac{7}{8}$  inches aft of zero point and position the lift point at  $3 \frac{11}{16}$  inches right of zero point. Ensure that all lifting straps have been securely installed into the slide blocks (**see Figure 1**). The strap kit retaining ring may be placed into one of the unused holes in either of the slide blocks for storage.
2. The sling is now ready to be installed onto the aircraft engine.
3. Lift engine sling slightly and check positioning of the lift points to ensure that the engine is balanced when lifting.



#### CAUTION!

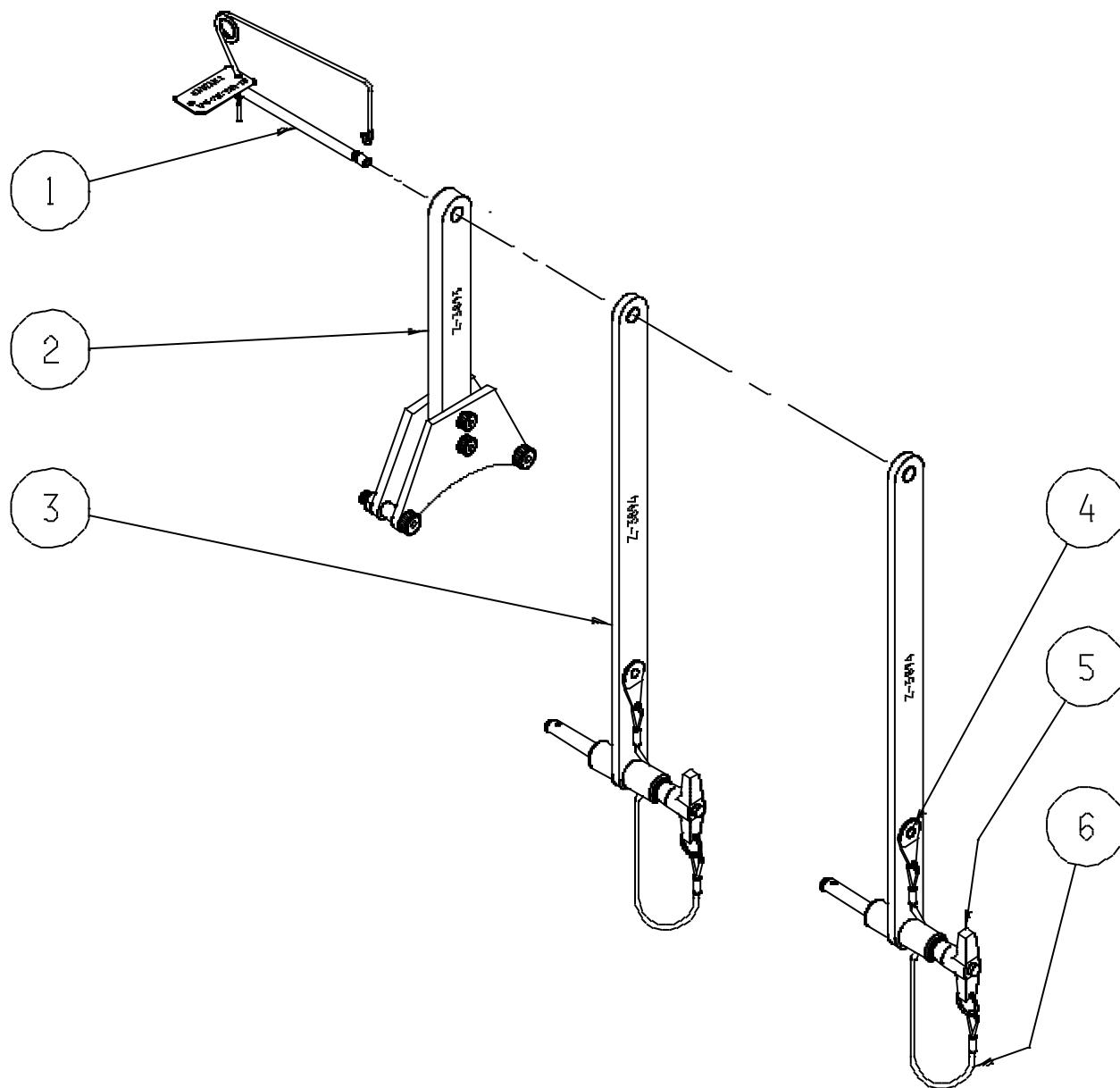
The blocks may need to be adjusted to properly balance the engine. In the event of an unbalanced condition, loss of control and/or damage may occur to the engine and/or user.



**FIGURE 1**  
**Typical Locations For TFE-731-20R-1B Engine Sling Adapters**

### Parts List

When ordering Replacement Parts/Kits, please specify Model, Color and Serial Number of your Unit



| Item | Part Number   | Description                                | Qty |
|------|---------------|--------------------------------------------|-----|
| 1    | Z-3982-06     | Assembly, Sling Adapter Pin                | 1   |
| 2    | Z-3893        | Assembly, Engine Strap                     | 1   |
| 3    | Z-3894        | Assembly, Engine Strap                     | 2   |
|      | <b>K-2942</b> | <b>Kit, Replacement Ball Lok Pin:</b>      |     |
| 4    | G-1351-04     | Rivet, 1/8 Open-End Stl.                   | 1   |
| 5    | G-1310-0636   | Pin, Ball Lok-T, 3/8" diameter x 3.6" long | 1   |
| 6    | H-1026*07.0   | Assembly, Lanyard                          | 1   |

## GUARANTEES/LIMITATION OF LIABILITY

Tronair products are warranted to be free of manufacturing or material defects for a period of one year after shipment to the original customer. This is solely limited to the repair or replacement of defective components. This warranty does not cover the following items:

- a) Parts required for normal maintenance
- b) Parts covered by a component manufacturers warranty
- c) Replacement parts have a 90-day warranty from date of shipment

If you have a problem that may require service, contact Tronair immediately. Do not attempt to repair or disassemble a product without first contacting Tronair, any action may affect warranty coverage. When you contact Tronair be prepared to provide the following information:

- a) Product Model Number
- b) Product Serial Number
- c) Description of the problem

If warranty coverage is approved, either replacement parts will be sent or the product will have to be returned to Tronair for repairs. If the product is to be returned, a Return Material Authorization (RMA) number will be issued for reference purposes on any shipping documents. Failure to obtain a RMA in advance of returning an item will result in a service fee. A decision on the extent of warranty coverage on returned products is reserved pending inspection at Tronair. Any shipments to Tronair must be shipped freight prepaid. Freight costs on shipments to customers will be paid by Tronair on any warranty claims only. Any unauthorized modification of the Tronair products or use of the Tronair products in violation of cautions and warnings in any manual (including updates) or safety bulletins published or delivered by Tronair will immediately void any warranty, express or implied.

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A collage of various Tronair industrial equipment. The items include a dump truck, a tow truck, a generator, a nitrogen system, and a large industrial unit. The equipment is shown in a black and white photograph style, arranged in a collage format. The Tronair logo is visible on several pieces of equipment.

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