

# **TRONAIR**

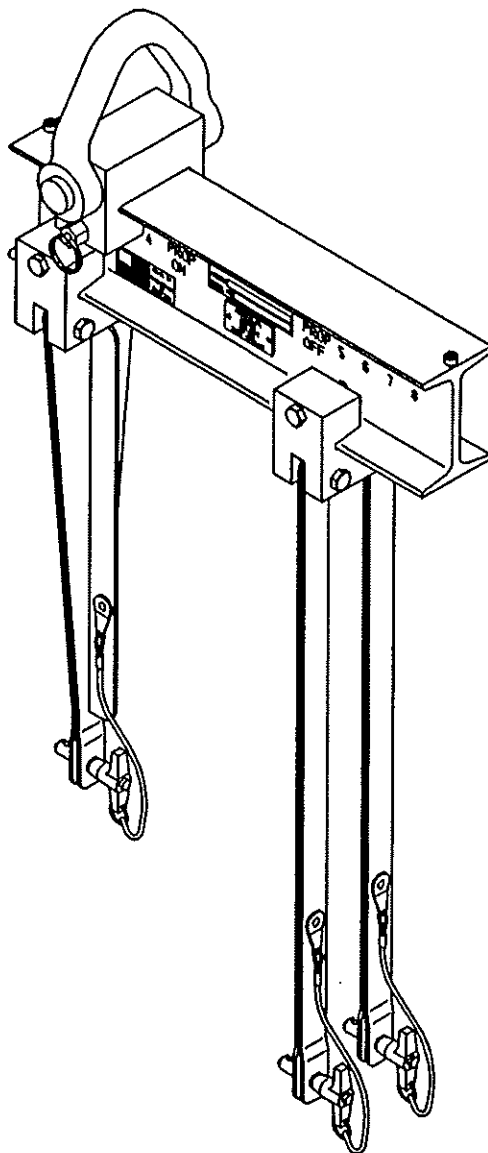
## **OPERATION & SERVICE MANUAL**

**PRATT & WHITNEY  
PT6-A50 ENGINE SLING**

MODEL: 08-0120-4000

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Rev: O/R



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***Tronair, Inc.***

***South 1740 Eber Road  
Holland, Ohio 43528-9794***

***Phone: (419) 866-6301 • 800-426-6301***

***Fax: (419) 867-0634***

## 08-0120-4000 PT6-A50 ENGINE SLING

The PT6-A50 engine sling is designed to support the Pratt & Whitney PT6-A50 engine with and without prop. Always follow the engine manufacturer's instructions for proper engine handling.

This engine sling incorporates an adjustable modular clevis block for fast and easy configuration changes. The sling consists of a lightweight aluminum "I" beam, aluminum block clevises, and steel connection straps.

The sling can be used to support a PT6-A50 engine with and without the prop. Engine connection points to the sling are the same for both configurations, the only difference is the location of the lifting clevis.

### PROP ON

The first configuration has the prop assembled to the engine. For this application, the clevis block assembly must be in either position 1, 2, 3, or 4. See Fig 1. The front engine strap and both rear engine straps must also be connected to the engine.

### PROP OFF

The second engine configuration has the prop removed from the engine. For this application, the clevis block assembly must be in either position 5, 6, 7, or 8. See Fig 2. The front engine strap and both rear engine straps must also be connected to the engine.

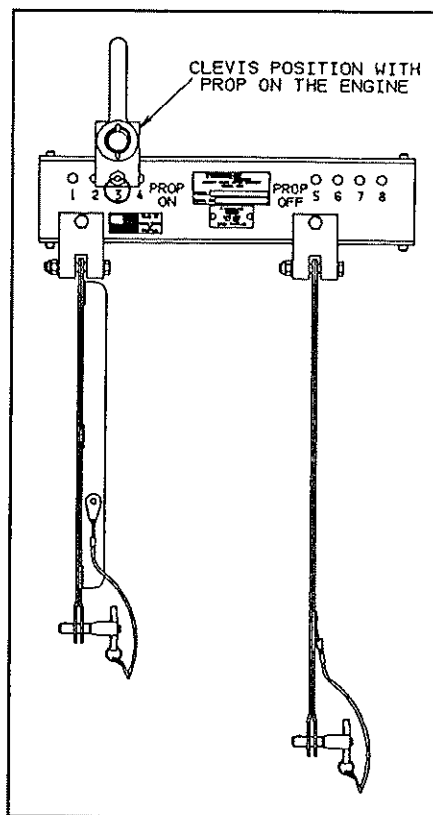


Figure 1 Prop ON Position

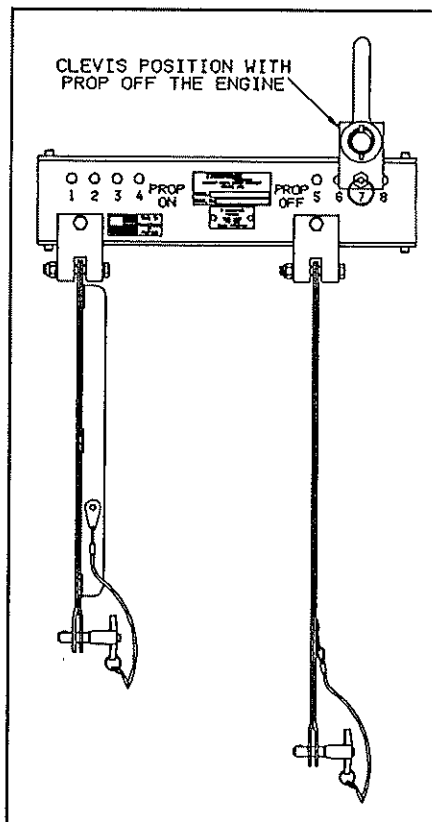
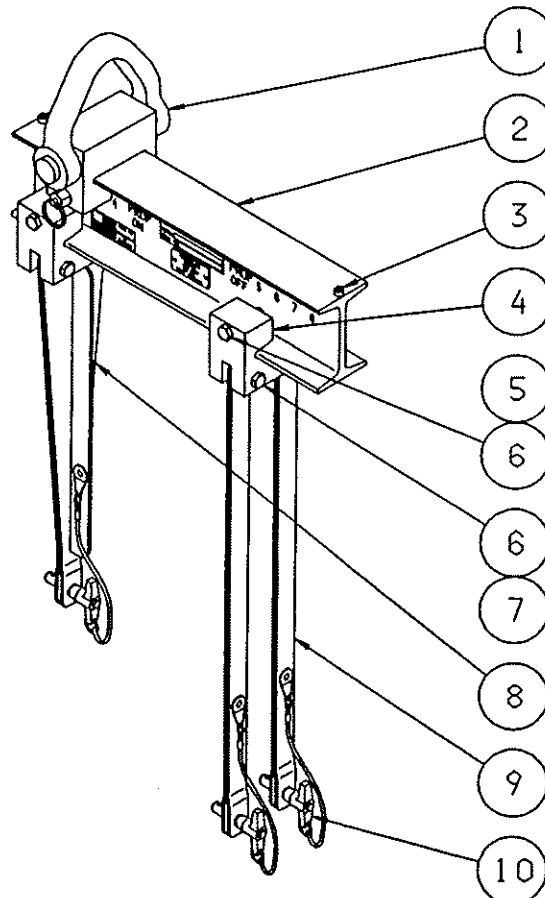


Figure 2 Prop OFF Position

## REPLACEMENT PARTS



**MODEL 08-0120-4000 ENGINE SLING**

ITEM	PART NUMBER	DESCRIPTION
1	Z-2863	Assembly, Clevis Block
2	Beam	Main Support Beam (not sold separately)
3	G-1151-105203	Screw, Socket Head Cap, 1/4-20 x 3/8" long
4	J-2217	Block, Fixed
5	G-1100-107544	Bolt, Hex Head Grade 5, 3/8-24 x 4-1/2" long
6	G-1202-1075	Stopnut, Elastic, 3/8-24
7	G-1110-6-25A	Bolt, AN6
8	Z-2900	Assembly, Front Strap (includes item #10)
9	Z-2898	Assembly, Rear Strap (includes item #10)
10	K-2375	Kit, Replacement Ball-Lok Pin, 7/16" dia. x 1" long