



TECHNICAL INSTRUCTION HAC19-001, Rev. N/C, September 18, 2019

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INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

**1020126-1IKT Link, Connecting
INSTALLED ON
BOEING 747 SERIES AIRCRAFT, BOEING 767 SERIES AIRCRAFT
(SEE THE 1020126-1IKT SUPPLEMENT(S) FOR SPECIFIC MODELS**



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1. Introduction

This HEICO Aerospace Technical Instruction (TI) defines the Instructions for Continued Airworthiness when P/N 1020126-1IKT Link, Connecting is installed on the aircraft listed on the FAA approved supplement(s) for P/N 1020126-1IKT. The P/N 1020126-1IKT Link, Connecting is FAA Approved (PMA) as a replacement for Hamilton Sundstrand P/N 1020126-1.

The Hamilton Sundstrand P/N 1020126-1 is a rigid connecting link with two slot loader bearing style joints. The Link, Connecting is part of the High Pressure Shutoff Valve. The High Pressure Shutoff Valve is a 5.5 inch butterfly-type valve powered by a half-area pneumatic-actuator. The actuator, which is bolted to the high temperature alloy valve body, is a piston-type design which drives the butterfly valve through the Link, Connecting and crank.

The Turbine Kinetics, Inc. P/N 1020126-1IKT Link, Connecting incorporates a coating change to the 1020126-102IKT details of the 1020126-1IKT assembly. The 1020126-102IKT Balls are of a loader slot design and are assembled into the 1020126-101IKT Link. The 1020126-102IKT Balls have been approved as having no impact on the fitment of the detail and equal to or better performance than the 1020126-102 Ball that it replaces.

PMA parts are not coated with the original TCH Dry Film lubricant. These parts are to be checked per the instructions herein. TKI parts will not have visual evidence of the TCH Graphite Impingement Coating.

2. Installation of P/N 1020126-1IKT

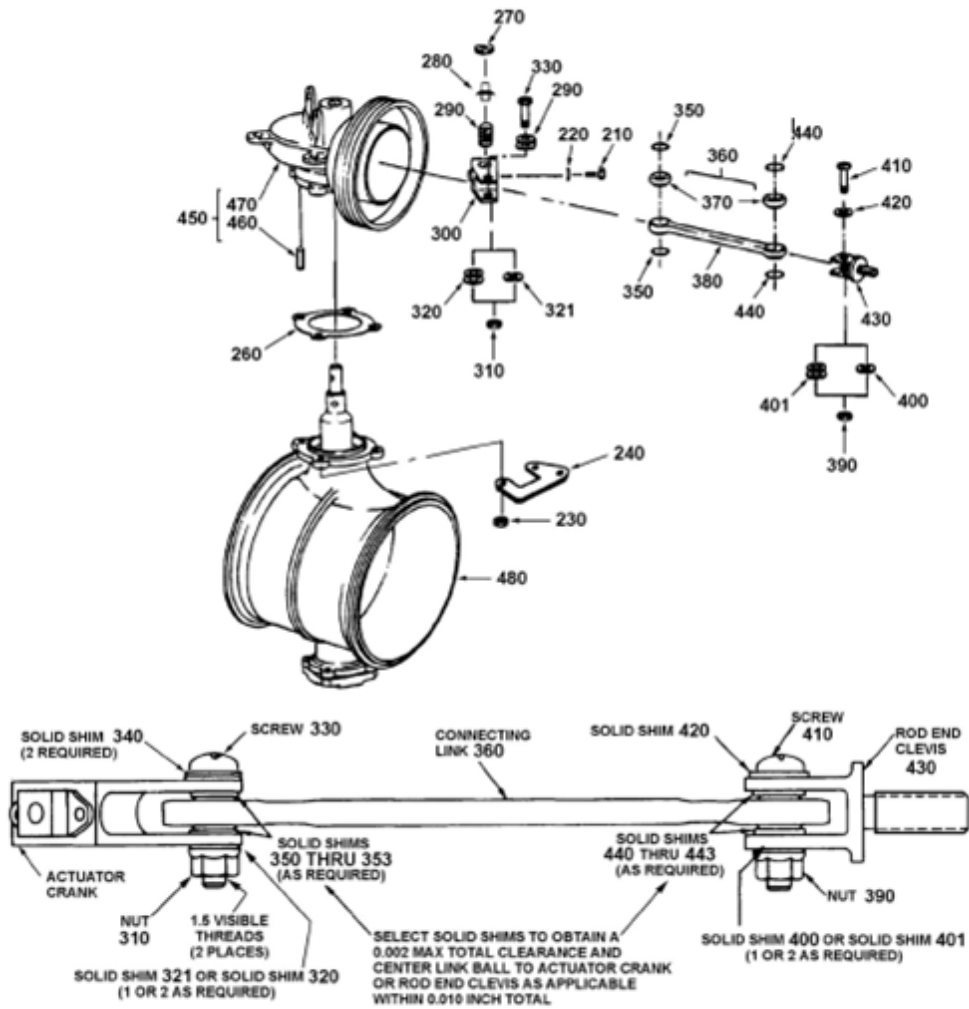
NOTE:

The information presented in this section is for informational purposes only. It is not intended to alter any existing component maintenance manual or documentation

Shown below in Figures 1 & 2 are sample installations of the P/N 1020126-1 Link, Connecting on the Boeing 767 / 747 Series Aircraft. One (1) Link, Connecting is installed into each of the High Pressure Shutoff Valves (HPSOV). Each aircraft has one HPSOV for each engine.

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ITEM NUMBERS ARE THE SAME AS IPL FIGURE 1.

Figure 1: Link, Connecting Installation

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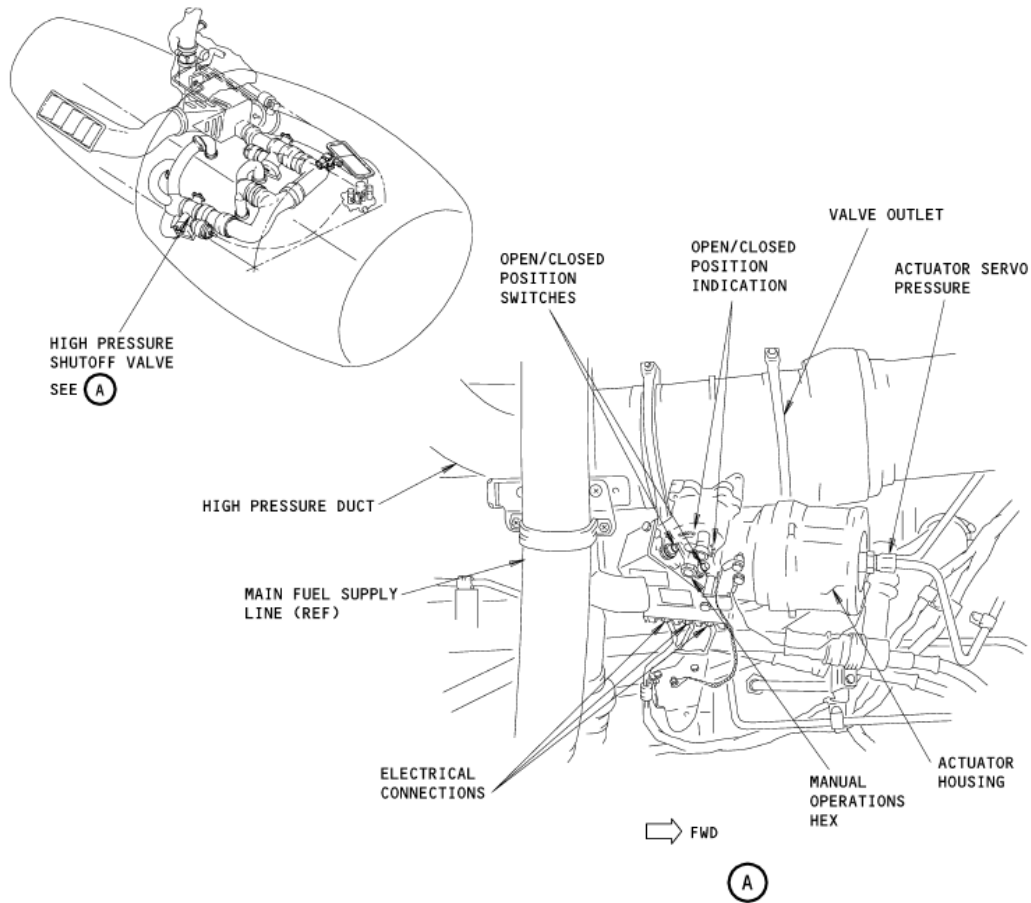


Figure 2: HPSOV Installation

3. Airworthiness Limitations

The Airworthiness Limitations section is FAA-approved and specifies maintenance required under Sec. 43.16 and 91.403 of the Federal Aviation Regulations, unless an alternative program has been FAA approved. The Instructions for Continued Airworthiness presently acceptable to the FAA for P/N 1020126-1 are valid for use on P/N 1020126-1IKT with exception to the 'Special Checks' found below in Section 4. Due to the fact that P/N 1020126-1IKT is not a life limited part, no additional airworthiness limitations are imposed by the supplementary Instructions for Continued Airworthiness found below in Section 4.



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4. Check of the 1020126-1IKT Link, Connecting

Part Name / Part Number	Type of Examination	Procedure	Limits or Remarks
Ball 1020126-102IKT	Visual / Special	Check the Balls (Two (2) per 1020126-1IKT Link, Connecting) for any coating or debris that is on the surface of the Spherical Outer Diameter	No coating or debris is allowed on the surface of the Spherical Outer Diameter of the Balls. Clean with Isopropyl alcohol before reinstalling them.

5. Material Information

This document will be maintained and the latest approved revision posted on the HEICO web site at <http://ipc.heico.com> .

6. Revision and Approval History

Initial Release – September 18, 2019