



**National Flight Services**

★ TOLEDO REPAIR STATION DSCR311D ★

10971 E. Airport Service Rd. ★ Swanton, Ohio 43558

ENGINE SN: P-79289C      TSN: 11004.7      TSO: 2938.7  
CSN: 12007      CSO: 2386

**Accomplished the following Inspections referencing the Honeywell Manual 72-00-29 Revision 29:**

- Complied with **150 Hour** Inspection.
- Complied with **200 Hour** Inspection.
- Complied with **300 Hour** Inspection.
- Complied with **800 Hour** Plenum Drain Valve Inspection.

**Accomplished the following Airworthiness Directive:**

- Complied with **AD 2018-13-05**, amendment 39-19335, per paragraph e, 5. Next due in 150 hours.

\*\*\*\*\*END\*\*\*\*\*

**Note 1: SOAP sample required within 150 hrs. of operation following this inspection, per AD 2018-13-05.**

**"MAINTENANCE RELEASE"**

The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was **APPROVED** for return to service with respect to the work performed. Pertinent details of the repair/inspection are on file at this Repair Station # DSCR311D under **Work Order TOA-15598**.

**SIGNATURE**

[Redacted Signature]

Peter L Richie

**DATE: 9/24/2021**

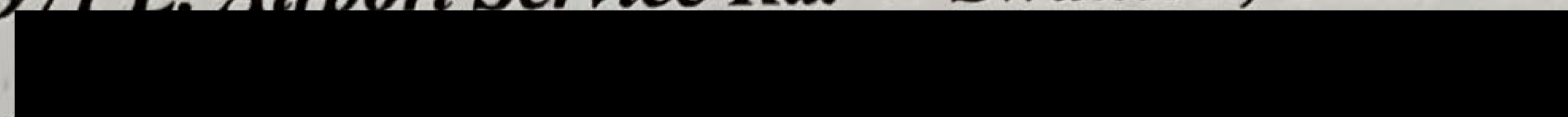




**National Flight Services**

★ **TOLEDO REPAIR STATION DSCR311D** ★

10971 E. Airport Service Rd. ★ Swanton, Ohio 43558



ENGINE SN: P-79214C      TSN: 10375.7      TSO: 2938.7  
CSN: 6870      CSO: 2386

**Accomplished the following Inspections referencing the Honeywell Manual 72-00-29 Revision 29:**

- Complied with **150 Hour** Inspection.
- Complied with **200 Hour** Inspection.
- Complied with **300 Hour** Inspection.
- Complied with **800 Hour** Plenum Drain Valve Inspection.

**Accomplished the following Airworthiness Directive:**

- Complied with **AD 2018-13-05**, amendment 39-19335, per paragraph e, 5. Next due in 150 hours.

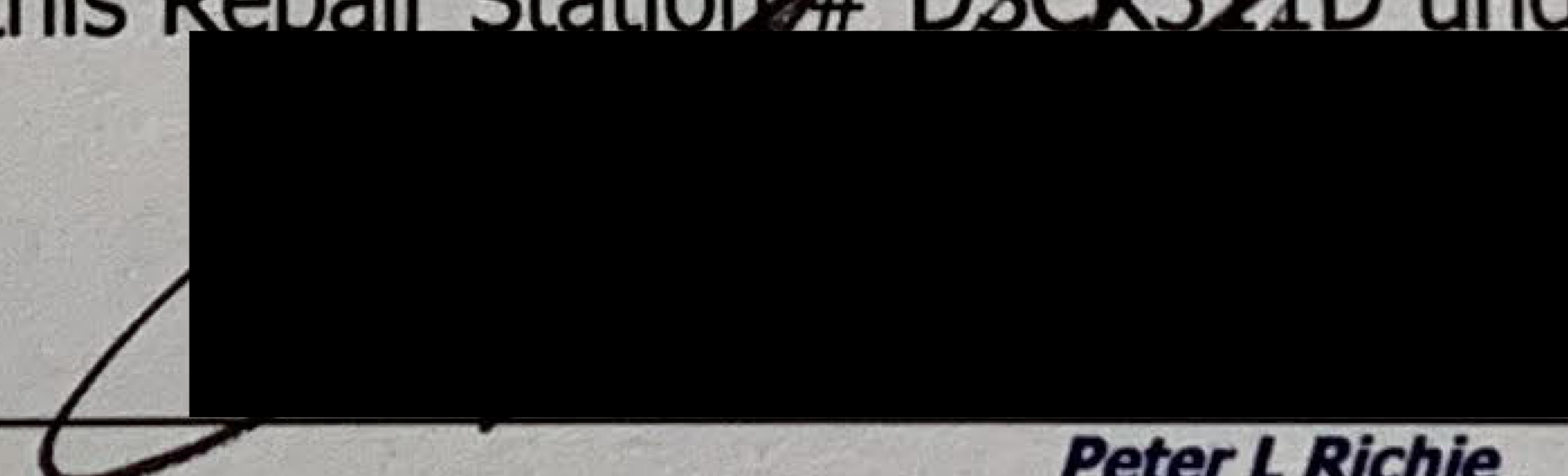
\*\*\*\*\***END**\*\*\*\*\*

**Note 1: SOAP sample required within 150 hrs. of operation following this inspection, per AD 2018-13-05.**

**"MAINTENANCE RELEASE"**

The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was **APPROVED** for return to service with resp work performed. Pertinent details of the repair/inspection are on file at this Repair Station # DSCR311D under **Work Order TOA-15598.**

**SIGNATURE**



Peter L. Richie

**DATE: 9/24/2021**

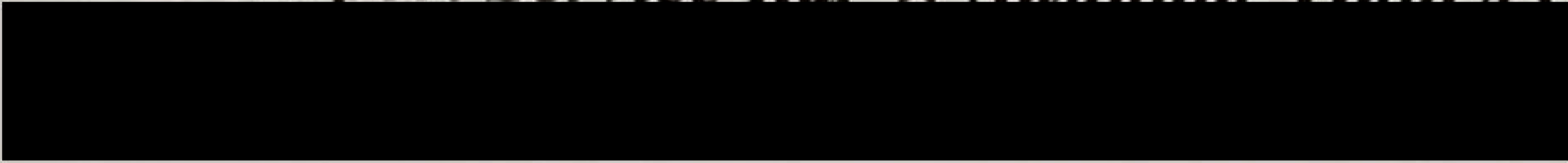




**National Flight Services**

★ **TOLEDO REPAIR STATION DSCR311D** ★

10971 E. Airport Service Rd. ★ Swanton, Ohio 43558



REG#: N690LS

SN: 11475

Hobbs: 1145.0

ACTT: 7854.7

LDG: 6900

Accomplished the below listed Inspections referencing the Twin Commander Model 690A/B M/M M6900002-2 revised 9/2002 and Honeywell M/M 72-0029 R 9:

- Complied with 150 Hour Inspection.
- Complied with 450 hours/12-month Bleed Air High Pressure Leak Check.
- Complied with 450 hours/12-month Emergency Exit Operational Check.
- Complied with 450 Hours Cabin Door Latch/Lock Mechanism Inspection/Operational Check.
- Complied with Cabin Pressure Controller Filter inspection and cleaning.
- Complied with Elevator and Rudder Trim tab flex shaft inspection and lubrication.

Accomplished the below listed Airworthiness Directives and Service Bulletins:

- Complied with AD 98-08-19, amendment 39-10468, in conjunction with SB 223. Next due at 8854.7.
- Complied with SB 139 Rev 0 Nitrogen Gauge Air Pressure Check
- Complied with SB 186 Rev 0, 150 Hour Trim Tab Free Play Inspection.
- Complied with SB 223 Rev 3 Wing Leading Edge Attachment Inspection Part I & III. Next due in 8854.7 hours.
- Complied with SB 235 Rev 2. Vertical Fin Inspection. Next due in 150 hours.

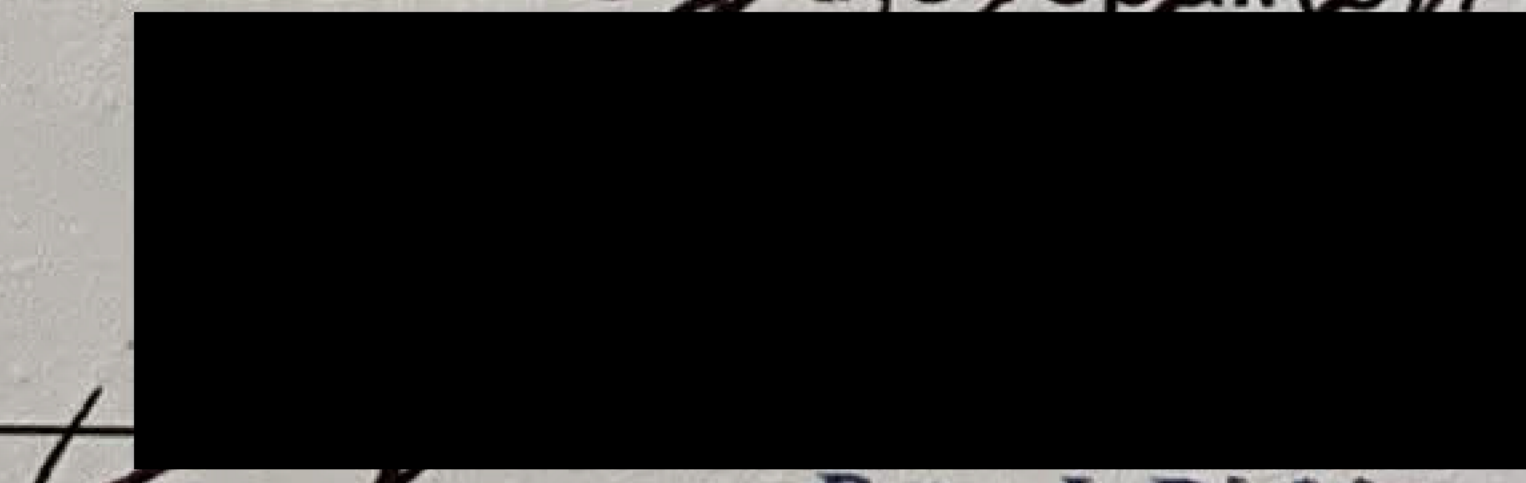
Installed the following components referencing the Twin Commander Model 690A/B M/M M6900002-2 revised 9/2002. Operational and / or leaked satisfactory.

- Installed right Speed Switch P/N 305538-6-1 S/N P-893. Removed failed S/N P-372.
- Installed right Starter/Generator P/N 23065-013-1 S/N 831. Removed for overhaul S/N 831.
- Installed Stall Warning Switch P/N 191-1 S/N 324888. Removed failed S/N 331754.

\*\*\*\*\*END\*\*\*\*\*

All maintenance performed on this aircraft was performed in accordance with current Federal Aviation Administration (FAA) Regulations. The Aircraft is **APPROVED** for return to service with respect to the work / inspection(s) performed. Pertinent details of the repair(s) / maintenance / inspection(s) are on file with this Repair Station DSCR311D under **Work Order TOA-15598**.

SIGNATURE:



Peter L. Richie

DATE: 9/24/2021



# National Flight Services

Repair Station #: DSCR311D

Log #: \_\_\_\_\_

10971 East Airport Service Road  
Swanton, OH 43558  
USA

Telephone: [REDACTED]

CUSTOMER: <b>SURDEX CORPORATION</b>	AIRCRAFT SERIAL NUMBER: <b>11475</b>	AIRCRAFT REGISTRATION NUMBER: <b>N690LS</b>	PAGE NUMBER: <b>Page 2 of 2</b>
CUSTOMER CONTACT:	AIRCRAFT TOTAL TIME:	AIRCRAFT TOTAL CYCLES:	WORK ORDER #: <b>TOA-15459</b>
CONTACT TELEPHONE:	ITEM DESCRIPTION: <b>690B TURBO COMMANDER</b>		PRINTED: <b>08/10/2021 9:10:14AM</b>
MANUFACTURER: <b>Twin Commander Aircraft</b>	PART / MODEL NUMBER: <b>690B</b>		SERIAL NUMBER:
CUSTOMER ADDRESS: <b>520 SPIRIT OF ST LOUIS CHESTERFIELD, MO 63005 USA</b>	TOTAL TIME: <b>N/A</b>	TOTAL CYCLES: <b>N/A</b>	DATE RECEIVED IN: <b>N/A</b>
	TSN / TSO: <b>N/A / N/A</b>	CSN / CSO: <b>N/A / N/A</b>	DATE SHIPPED OUT: <b>N/A</b>



ITEM / SQUAWK: <b>1.2</b>	DATE OPENED: <b>07/26/2021</b>	OPENED BY: <b>Emmanuel Diakonis (EDIKONIS)</b>	INSPECTOR #1: <b>Thom Taylor (TTAYLOR)</b>	FUNCTIONAL TEST: <b>N/A</b>	
WORK ORDER #: <b>TOA-15459</b>	DATE CLOSED: <b>08/09/2021</b>	SIGN OFF BY: <b>Thom Taylor (TTAYLOR)</b>	INSPECTOR #2: <b>N/A</b>	LOGBOOK: <b>N/A</b>	
DISCREPANCY: <b>Troubleshoot R/H engine torque issue.</b>					
RESOLUTION: <b>Performed ground run. Could not duplicate torque problem on the ground. Pilot reported that torque would hang up at 300 HP while power lever at flight idle causing the pilot to shut down the engine to land aircraft. Removed FCU P/N 893528-32 S/N 322944 to be sent out for repair. Removed inlet sensor P/N 893587-3 to be sent with FCU. FCU and inlet sensor removed but parts left at aircraft for the customer to ship out. 07/26/2021 Installed overhauled FCU and inlet sensor IAW 72-00-29 R9. Complied with SB 73-0049 to install 893587-8 inlet sensor. Removed and replaced RH engine RPM indicator IAW Twin Commander 690B AMM</b>					
PART NUMBER OFF:	QTY:	PART NUMBER ON:	QTY:	SERIAL NUMBER OFF:	SERIAL NUMBER ON:
<b>2549118-42</b>	<b>1</b>	<b>2549118-42</b>	<b>1</b>	<b>322944</b>	<b>315357</b>
<b>893587-5</b>	<b>1</b>	<b>893587-8</b>	<b>1</b>	<b>16161</b>	<b>15458</b>
<b>850275-507</b>	<b>1</b>	<b>850275-507</b>	<b>1</b>	<b>356D</b>	<b>72</b>

\*\*\* End of Document \*\*\*





**National Flight Services**

★ **TOLEDO REPAIR STATION DSCR311D** ★

10971 E. Airport Service Rd. ★ Swanton, Ohio 43558



ENGINE SN: P-79289C	TSN: 10904.7	TSO: 2838.7
	CSN: 11967	CSO: 2346

Installed the following Components in accordance with Honeywell Maintenance Manual 72-00-29 Revision 9. Operational and leak checked satisfactory.

- Installed overhauled **Inlet Sensor** P/N 893587-8 S/N 15458. **Fuel Control Unit** Overhauled P/N 893528-32 S/N 315357 and right overhauled **RPM Indicator** P/N 850275-507 S/N 72.

\*\*\*\*\***END**\*\*\*\*\*

The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was **APPROVED** for return to service with respect to work performed. Pertinent details of the repair/inspection are on file at this Repair Station # DSCR311D under Work Order # **TOA-15459**.



**SIGNATURE:**

Peter L. Richie

**Date: 8/6/2021**

COPY