



Letecká 255 Tel.:+420 773 984 338
 686 04 Kunovice info@brmaero.com
 Czech Republic www.brmaero.com

BULLETIN TITLE: KAVLICO PRESSURE SENSORS	
CLASSIFICATION: SAFETY ALERT	
BULLETIN NUMBER: ALL-SA-0-0-0-0005-2020	
Date of issue: 11.05.2020	Revision no.: Initial issue
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1 GENERAL INFORMATION

1.1 Affected aircraft

- 1.1.1 Type: BRISTELL
- 1.1.2 Model: All models
- 1.1.3 S/N: All Bristells fitted with a Kavlico pressure sensor
Note: Kavlico sensors are used for Bristells fitted with Garmin G3X, Dynon, or other brand glass cockpit.
- 1.1.4 Countries: All

1.2 Reason

Following the information provided in third-party bulletins (refer to 2.2 Referenced documents), some Kavlico pressure sensors may leak. Kavlico sensors in Bristells are used to scan fuel and manifold pressure. Fuel leak may lead to a loss of engine power or to a fire.

1.3 Subject

Potential leak of Kavlico pressure sensors

1.4 Compliance time

Immediately.

1.5 Mass data

Not affected.

1.6 Electrical load data

Not affected.

2 DOCUMENTS

2.1 Superseded documents

No superseded documents.

2.2 Referenced documents

GARMIN Service Bulletin NO.: 2069 Rev A (May 6, 2020)
https://www.garmin.com/en-US/aviationalerts/service-bulletin-2069-rev-a-kavlico-pressure-sensor-inspections-for-g3x-g3x-touch-equipped-experimental-aircraft/?mc_cid=6d35a1e2b4&mc_eid=fc4a098fed
 DYNON TECHNICAL SERVICE BULLETIN: Kavlico Fluid Pressure Sensors
https://www.dynonavionics.com/bulletins/support_bulletin_050620E.php?mc_cid=6d35a1e2b4&mc_eid=fc4a098fed

2.3 Affected documents

No affected documents.


3 MATERIAL INFORMATION

- 3.1 Required material refer to 2.2 Referenced documents
- 3.2 Required tools refer to 2.2 Referenced documents
- 3.3 Costs covered by Sensors for replacement shall be supplied free of charge after compliance with the conditions specified in 2.2 Referenced documents.

4 ACCOMPLISHMENT INSTRUCTIONS

- 4.1 Type of maintenance Line maintenance
- 4.2 Authorization to perform SLSA LSA - Repairman Maintenance or A&P
UL/ELSA - Owner
- 4.3 Man-hour 2 hours estimated time to replace leaking sensor

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4.4 Work procedure

Thoroughly visually check during each preflight inspection the Kavlico sensor for marks of possible leak (see Fig. 1 Kavlico pressure sensor to sense fuel pressure on Bristell aircraft). If signs of leak would be found, then do not fly until the sensor is replaced according to 2.2 Referenced documents.

Contact Bristell local representative or BRM Aero if needed.

4.5 Work inspection

In case of a Kavlico sensor replacement perform engine test run and then thoroughly check the new Kavlico sensor installation.

4.6 Bulletin compliance record

Record compliance with this SA in the Airplane Log Book.

4.7 Feedback

info@brmaero.com or Bristell local representative

5 BULLETIN APPROVAL

5.1 Elaborated by:

Petr Javorsky, BRM Aero, Certification manager

5.2 Date of elaboration:

11.5.2020



5.3 Approved by:

Milan Bříšťela, BRM Aero, CEO

5.4 Date of approval:

11.5.2020

6 APPENDICES

APPENDIX 1 KAVLICO pressure sensor to sense Bristell fuel pressure

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APPENDIX 1 KAVLICO pressure sensor to sense Bristell fuel pressure

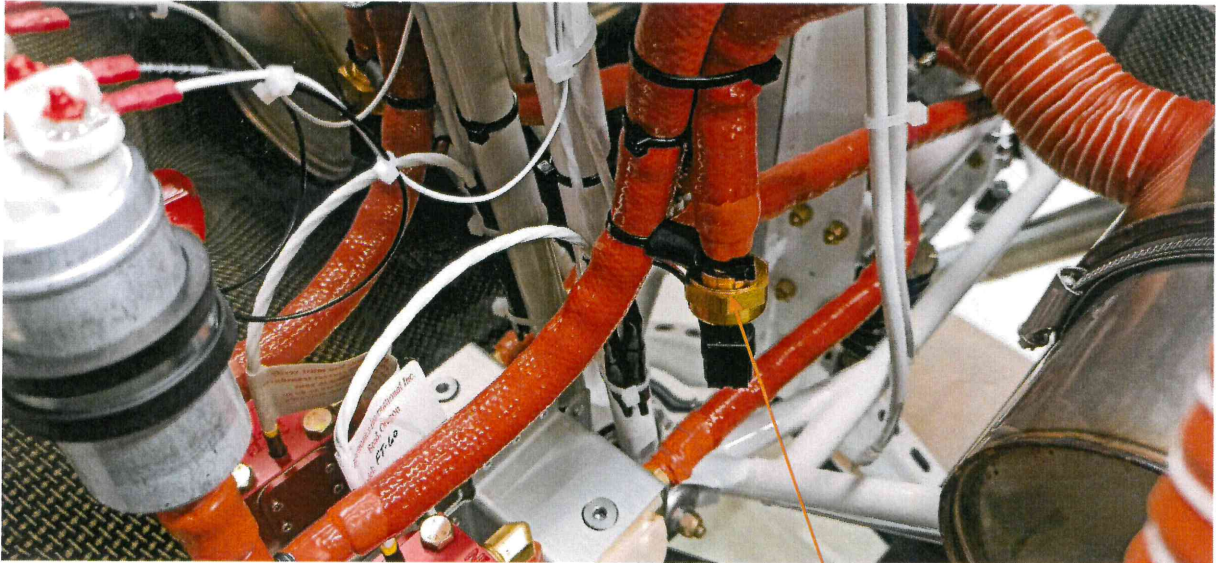


Fig. 1 Kavlico pressure sensor to sense fuel pressure on Bristell aircraft

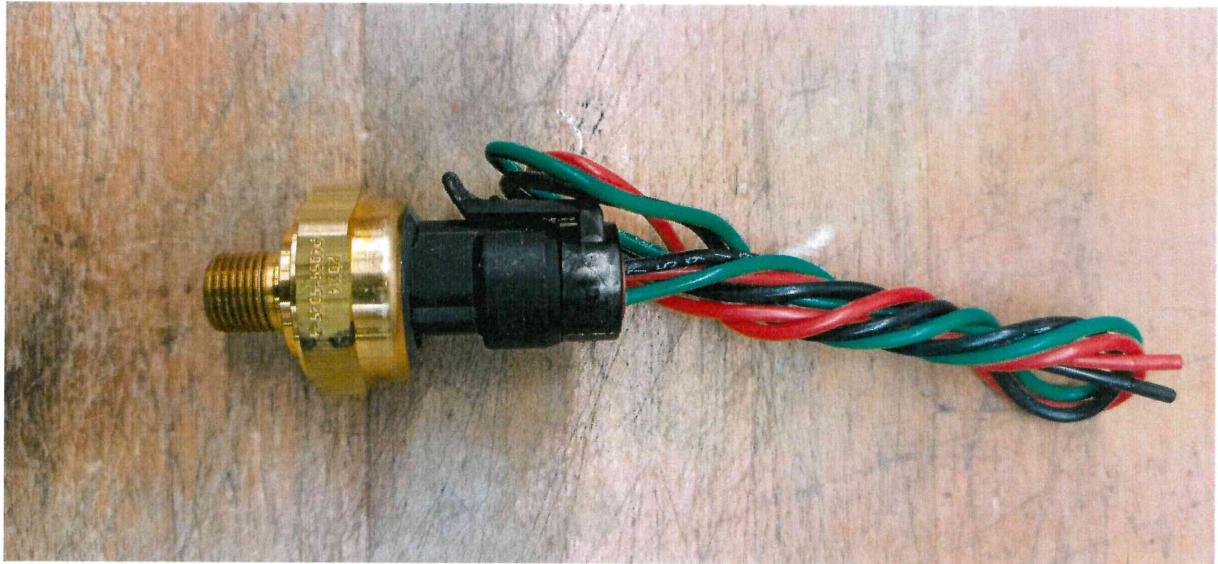


Fig. 2 Kavlico pressure sensor

