

Subject:

Inspection of fuel hoses

Date: 16/01/2026	Approved by: Ing. Vladimír Pekár, Head of Design Organisation
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Compliance Information:

Mandatory	Recommended	Optional	Informational
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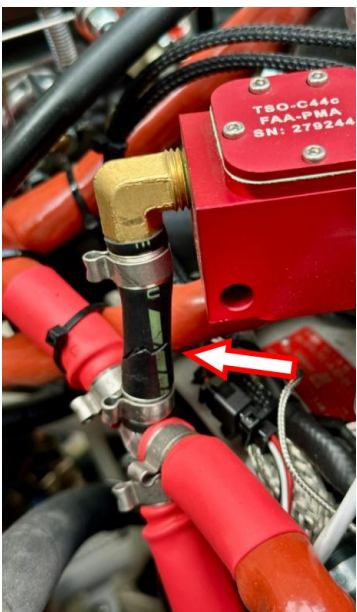
Affected Models/ Serial Numbers:

All SHARK types and models.

Reason/Purpose:

The purpose of this service bulletin is to address a potential safety issue concerning the fuel hoses. An inspection of the hose is required **before the next flight of the aircraft**.

Description of Issue/Modification:



Cracks have been found on various fuel hoses installed on some SHARK aircraft.

The main suspected cause is a defective batch of SEMPERIT hoses. All cracking has been observed in the outer rubber sheathing of the hoses.

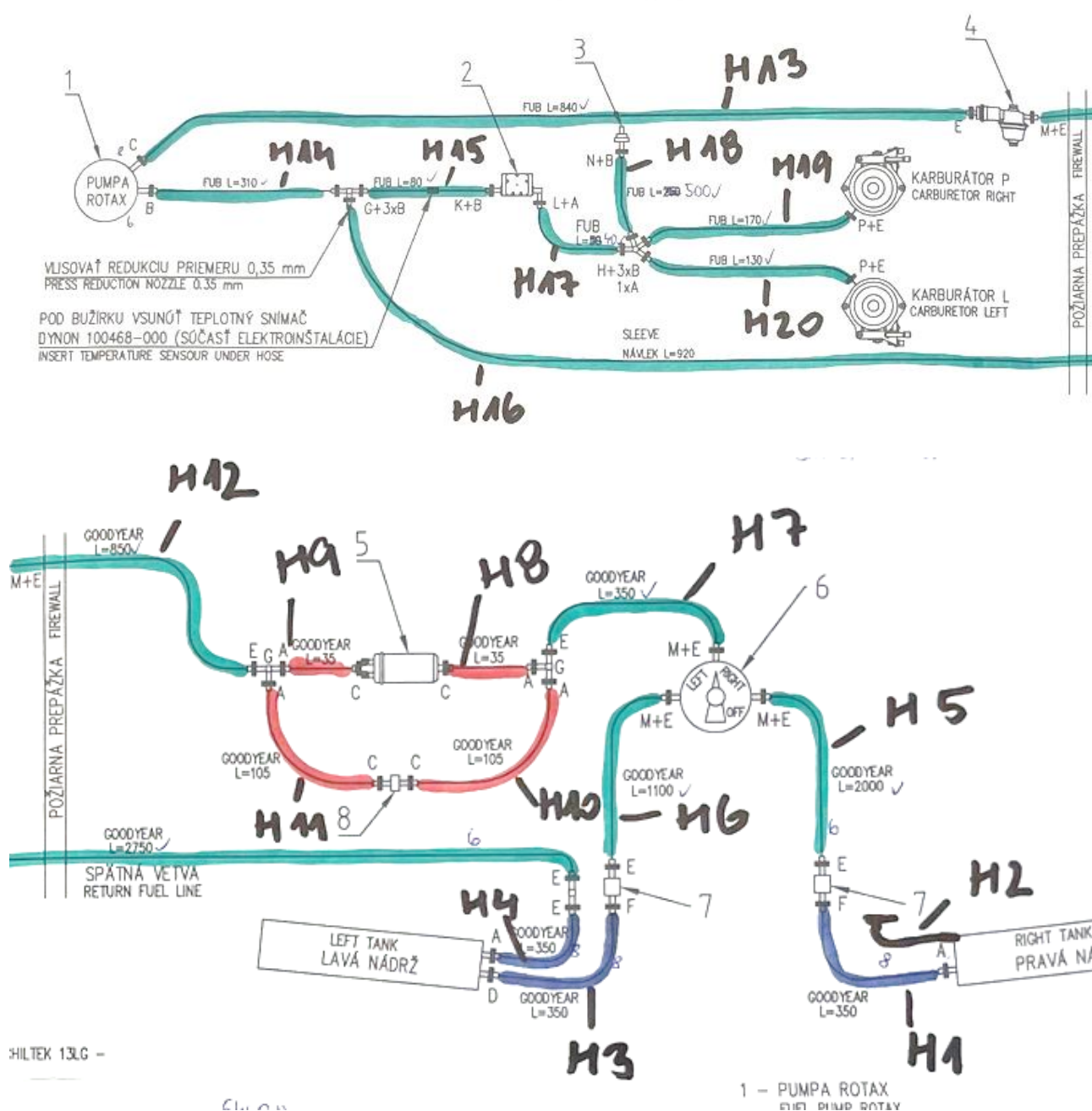
No fuel leakage has been detected, even on hoses exhibiting extensive surface cracking. All affected hoses were noticeably hardened.

A similar issue has previously been addressed in BMAA Service Bulletin 2983, Issue 1 (July 2024).
https://www.bmaa.org/files/oa_sb_2983.pdf

- Instructions:
- Inspect hoses H1–H12 and H16. They can be easily accessed for visual inspection, as they are located inside the main landing gear bays and cockpit. Check these hoses first and verify if they are of SEMPERIT manufacture. The condition of these hoses will indicate whether similar issues may be expected on the remaining hoses.
 - Inspect hoses H13–H20 in the engine compartment. **It is not required to remove or cut the fire sleeve.** Cut the shrink tube or tape at the end of the Pyrosil sleeve and pull the sleeve back approximately one-third of the hose length to inspect the hose surface

- Examine the outer rubber surface for hardening, cracks, cuts, or any other signs of deterioration or damage.
- If no cracks or damage are found, reseal the ends of the inspected hoses using Pyrosil adhesive tape. All hoses may remain in service; however, the short hose H17 must be checked regularly during pre-flight inspections and scheduled maintenance checks as an indicator of possible future hardening and/or cracking.
- If any cracks or damage are found:
 - It is likely that all affected hoses originate from the defective batch. In this case, replace all SEMPERITE fuel hoses through an appropriately authorized maintenance person or directly at SHARK.AERO.
 - SHARK.AERO will provide a replacement hose set and necessary materials free of charge.

Fuel system scheme:





Parts Required:

Pyrosil adhesive tape

Hose PETROTEC SAE 30R9 CODAN, 6.3/12.7 1 set

1-ear clamp, stainless 14.0R x 6,3 1 set

Material Information:

- Hose cutter
- Cutting pliers for clamp removal
- Pliers for 1-ear hose clips

Weight and Balance Information: NIL

Effectivity:

This bulletin is effective immediately.