

	SERVICE BULLETIN	27-08-2024

Compliance with this bulletin is

MANDATORY

DATE OF EFFECT

27.08.2024

APPLICATION

This service bulletin applies to all Aviation Artur Trendak gyrocopters with engines with an AAT injection system.

SUBJECT

Replacement of T-pieces in the fuel system.

REASON

The defect was found during a scheduled, mandatory inspection.

RISK OF NEGLECT

Failure to follow this instruction may result in:

- Leakage of the fuel system
- Failure to supply fuel to the injection system during flight
- Engine stoppage during flight

REQUIREMENTS

The type of installed fuel T-pieces must be verified according to the procedure described below. Verify the fuel leakage in the fuel system within the T-pieces and replace if necessary.

The replacement operation may only be performed by authorized personnel.

In case of any doubts regarding the assessment, please contact Aviation Artur Trendak.

PROCEDURE

- 1) Locate the T-pieces in the fuel system. The T-pieces (4 pieces per machine) are located on both sides of the engine housing (left and right) - see Fig.1. They are visible immediately after removing the inspection windows of the engine compartment.

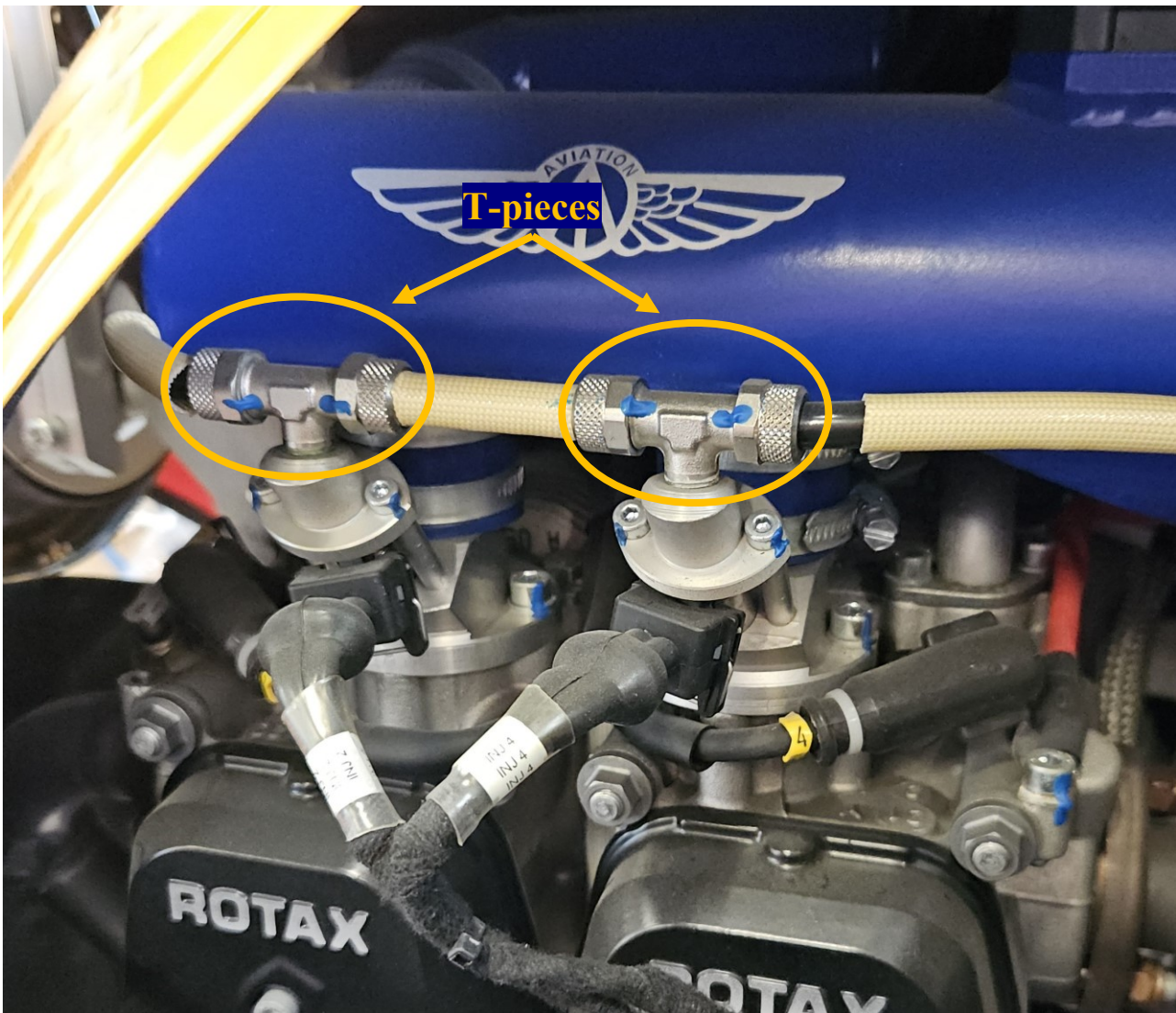


Fig. 1 Engine compartment with T-pieces marked

- 2) If you have T-pieces type 1 according to Fig.2, you should immediately replace them with those recommended by Aviation Artur Trendak.



Fig. 2 T-pieces type 1

- 3) If you have T-pieces type 2 according to Fig.3, check for fuel leakage in the fuel system in the thread area during each flight inspection (the inspection area is shown in Fig.4). In case of leaks, replace with T-pieces recommended by Aviation Artur Trendak.

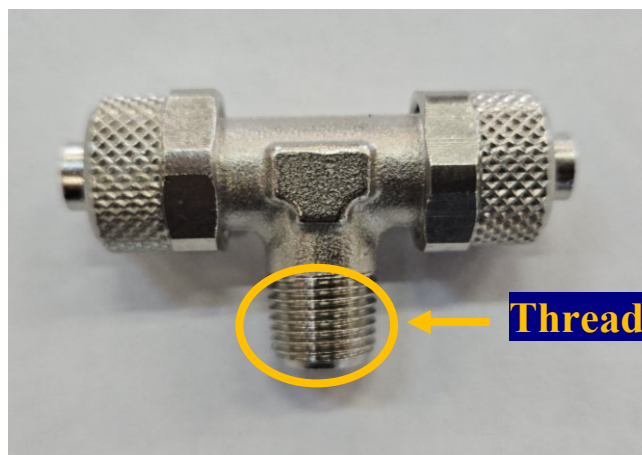


Fig. 3 T-pieces type 2

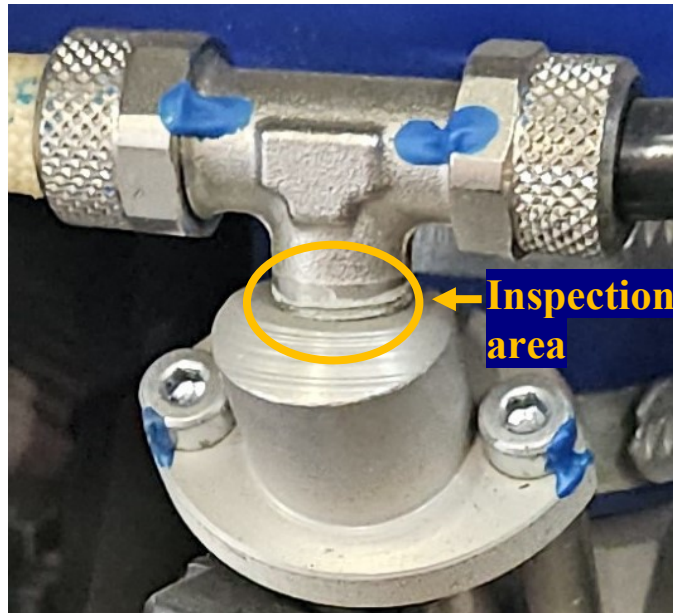


Fig. 4 Potential fuel leak inspection area

- 4) When replacing the T-pieces, the nearby fuel lines should also be replaced.

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