

Turbocharger Wastegate Servo Cable Cooling**A. SUBJECT:**

Turbocharger wastegate servo cable cooling.

B. AFFECTED:

All aircraft equipped with engines Rotax 914UL from engine S/N 10003663 / manufactured after 23.10.2023, engines with installed turbocharger wastegate servo cables P/N 897940 or 897942, except of aircraft with already modified lower engine cowling with an opening for wastegate servo cables cooling (Fig. 1).

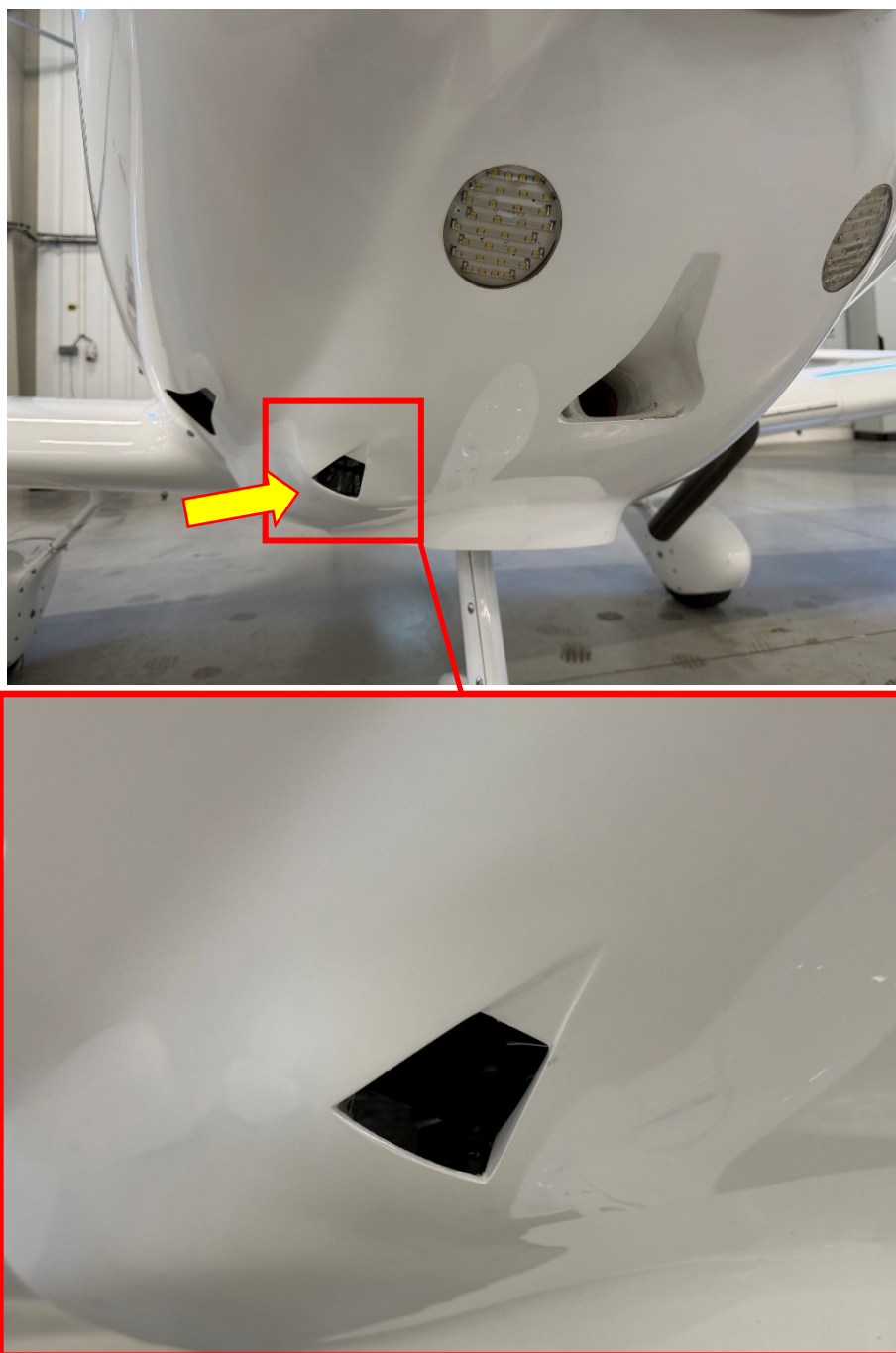


Fig. 1

Turbocharger Wastegate Servo Cable Cooling**C. REASON:**

Under certain conditions, the low-temperature wastegate servo cables may be overheated which can result in servo cable jamming, improper turbocharger wastegate control and exceeding of engine limits.

D. REQUIRED ACTION:

1. Check the wastegate servo cable for easy movement.
2. If **excessive friction is determined**, replace the wastegate servo cable with the new one according to Maintenance Manual for engine Rotax 914 Series and modify the lower engine cowling according to Service Instruction SI-2026-1 to improve the wastegate servo cable cooling.
3. If **no excessive friction is determined**, modify the lower engine cowling according to Service Instruction SI-2026-1 to improve the wastegate servo cable cooling.

E. COMPLIANCE:

Highly recommended:

Prior next flight – If excessive friction of wastegate servo cable is determined.

At next periodic inspection – if no excessive friction of wastegate servo cable is determined.

F. WEIGHT AND BALANCE:

Weight change: Negligible.

Moment change: Negligible.

G. NECESSARY MATERIAL AND WORK TIME:

Necessary material can be purchased on request by manufacturer Aerospool, spol. s r. o.
For material purchase contact the manufacturer directly at spareparts@aerospool.sk.

Material:

Item	Part Name	Part Number	Quantity
1	SB600-2026-1 KIT 1	SB600-2026-1-1	1 pc

Part Number SB600-2026-1-1 contains:

Item	Part Name	Part Number	Quantity
1	Turbo cooling deflector	DYN-171-07	1 ks
2	Glass fabric 92110, 2x2 keper 163 g/m ²	N2621-105	0,2 m ²
3	Cotton flocks	N2780-007	0,02 kg
4	Peel ply, 100 mm	N2623-004	1 m
5	ECONET 500AL	N3941-001	0,105 m ²

Work time: Approx. 5 hours

Turbocharger Wastegate Servo Cable Cooling**H. DOCUMENTATION:****SI-2026-1**Service Instruction – Turbocharger Wastegate Servo Cable Cooling,
currently valid revision (see<https://www.aerospool.sk/index.php/service-instructions/>)**I. ENCLOSURES:**

None.

J. APPROVED BY:Jozef Šnirc
Technical Director

Position, Name, Signature