

SERVICE BULLETIN: # SB-063

DATE: 06 June 2016

TO: ALL CH7-CH77

AFFECTED PRODUCTS: CH77 Ranabot , CH7 Kompress Charlie , CH7 Kompress , CH7 Angel 912 , CH

SUBJECT: GOVERNOR CARD

INSPECTION: MANDATORY-NEXT PRE FLIGHT INSPECTION

REPLACEMENT:

COMPLIANCE PROCEDURE:

1) Planning Information

1.1 Reason:

Field experience has shown that occasional and rare way, the governor stops working for no apparent reason, the engine tachometer stuck in a "random" position. The tachometer rotor is operating normally. Off and re-igniting the governor card, via switch-breaker operation returns to normal.

The event is extremely rare and unpredictable, it is impossible to state with certainty a specific reason. Nevertheless we were able to artificially reproduce the problem in the simulator, injecting a strong electrical noise on the quartz (of microcontroller clock oscillator). Therefore, one can reasonably imagine that the problem is actually due to an electromagnetic noise from the external wiring (relay, electric motors, false contacts, ...).

the system has been updated and kept under test (a noise pulse with a duration of 1 second every 10 seconds) for 24 hours (4 cycles of 8). no problems were found.

1.2 Subject:

Governor update card.

1.3 Compliance

Request application in the next pre-flight inspection.

The application safety wire must be in accordance with the installation instructions that follow in section 3.

WARNING: Do not apply this instruction can give the result of damage to 'aircraft, personal injury or

death

2) Material-cost and availability

prices and availability will be provided by CH7 Helisport HELICOPTER, Authorized Sellers or CH7 SERVICE CENTER

2.1 The Company

Shipping costs, downtime, loss of income, telephone costs etc., labor, additional work, are not covered or reimbursed by CH7 Helisport HELICOPTER.

2.2 Material

required parts:

NO

2.4 special equipment / Grease / Glue / sealing compound.

NO

Rework of parts

NO

3) Instructions

before maintenance review for full documentation to understand exactly the procedures and requirements to avoid errors,

They must be taken and confirmed all the measures by the following persons or facilities:

CH7 Helisport HELICOPTER

CH7 SERVICE CENTER

People approved by CH7 Helisport HELICOPTER

3.1 instruction

Governor update card

see attached picture

1) CH 77 RANABOT

2) CH7 KOMPRESS

Remove from the Helicopter the governor card

(1)send the governor card to CH7 Helisport HELICOPTERS or authorized service center.

2) the governor card must be accompanied to the form below and in an envelope indicated, owner's name and address for shipping, flying hours, type and identification of the aircraft.

Owner Information for Shipping

Fly huors

Tipe helicopter

3) Replace the aircraft to original operating configuration.
with the construction manual and its maintenance

CAUTION

The Governor is a help system for the pilot, CAN NOT and should NOT be considered a "vital system". Therefore, all pilots and instructors who must get the workout required by the manual piloting section 7.4.1 and instructors to prepare their students for training without using the governor, the voice warning card system (with alarm turns high / low RPM rotor) warns of a malfunction of the turns, the pilot must be able to manually reset, also with the help of the second integrated motor tachometer digital instrument Fly box

put a yellow ring around switch breaker indicate in picture to recognize in case of flight problem and also to confirm the application of this service bulletin see picture 3) CH77 4) kompress

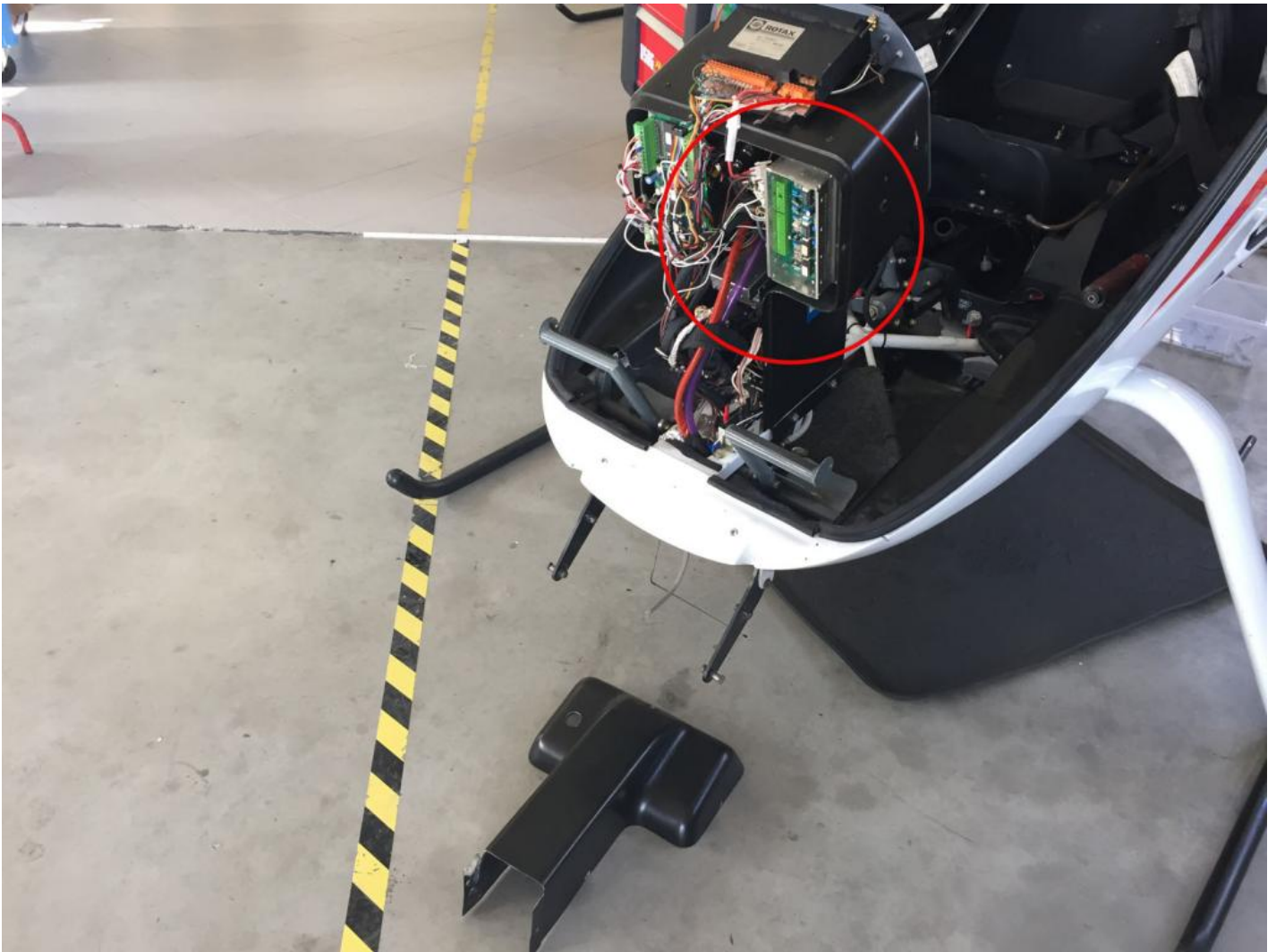
3.3 Summary

These instructions (section 3) must be completed in accordance with section 1.3 Compliance.
The application of this bulletin is to be transcribed on the aircraft maintenance log

Approval translation in any case the original test in Italian language and metric unit (SI-system) are authoritative.



CH77 RANABOT GOVERNOR CARD LOCATION



CH7 KOMPRESS GOVERNOR CARD LOCATION



CH77-SWITCH BREAKER WITH YELLOW RING



CH7-SWITCH BREAKER WITH YELLOW RING