

SUBJECT:

This document provides advice how to correct the position of the Beta switch assembly P-S-2 P/N:222-0168. It is applicable if cannot be reached correct setting of the Beta switch assembly.

CONTENTS:	Page:
I. GENERAL	1
II. LIST OF TOOLS	1
III. CORRECTION OF THE POSITION OF THE BETA SWITCH ASSEMBLY	1

I. GENERAL

A. Correction of the position of the beta switch assembly is not a periodic maintenance. It is applicable only in case if cannot be set proper position of the beta switch assembly (it can no longer moved for required values).

B. In addition to this document use Operation and installation manual for hydraulic constant speed governors E-1707.

C. The user is responsible for maintaining the current status of this document. A valid revision of this document is freely available at www.aviapropeller.com.

II. LIST OF TOOLS

Nippers for cutting off safety wire on the screws.
Flat screwdriver for the screws on the bracket.
Wire twisting pliers for screw locking with safety wire.

III. CORRECTION OF THE POSITION OF THE BETA SWITCH ASSEMBLY

A. The reason for inability to reach correct setting of the beta switch assembly is wrong inclination of the beta switch assembly. Fig.1 shows beta switch assembly with wrong inclination (see angle β°). Proper mounted beta switch assembly is on Fig.2. Beta switch assembly must be parallel with engine flange (see Fig.2).

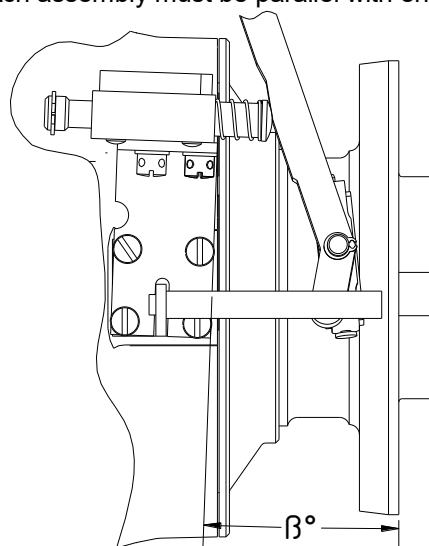


Fig.1 Beta switch assembly mounted with wrong inclination

The technical content of this document is approved under authority of DOA No. EASA.21J.072.

Office of Airworthiness Zbyněk Tvrđík Date: December 6, 2017	Prepared by: Pavel Demkovič Date: December 6, 2017		Page : 1 Pages : 2
--	--	--	-----------------------

B. Correction of wrong mounted beta switch assembly (see part III. paragraph A) is according following procedure: First remove locking wire from four screws which holds beta switch assembly and beta lever support on the engine gearbox. Then slightly loose the screws and adjust the inclination of the beta switch assembly. The bracket of the beta switch assembly must be parallel to the engine flange (move with beta switch assembly in the direction of the arrow = away from propeller) (see Fig.2).

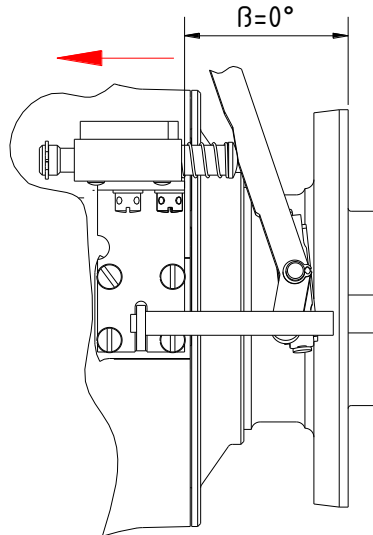


Fig.2 Beta switch assembly mounted with correct inclination

C. Tight the screws of the bracket when the beta switch assembly and beta lever support is in proper position. Lock with lock wire.

The technical content of this document is approved under authority of DOA No. EASA.21J.072.

Office of Airworthiness Zbyněk Tvrđík Date: December 6, 2017	Prepared by: Pavel Demkovič Date: December 6, 2017		Page : 2 Pages : 2
--	--	--	-----------------------