

TECHNICAL SERVICE BULLETIN: 105051-000

Beechcraft P35 Pitch Servo Installation, Rev A

Original Bulletin: January 23, 2025

PLEASE READ THIS BULLETIN IN ITS ENTIRETY BEFORE CONTACTING DYNON AVIONICS

Description

Prior to 6/3/2024, Dynon sold autopilot system installation kits for Beechcraft Series 35 aircraft, models P35-V35B. Upon further investigation, Dynon concluded a supplemental installation kit is required for Beechcraft P35 models. To request the kit, fill out and submit the following form: [Beechcraft P35 Pitch Servo Installation](#).

Applicability and Affected Equipment

This bulletin affects the following certified aircraft models.

- Beechcraft Bonanza P35 models with a Dynon autopilot system installed according to the instructions in the document *103662-000 Autopilot Servo Installation Manual - Bonanza Models P35-V35B, Revision E or earlier*.

Required Actions

This following action must be performed by an appropriately-rated certified mechanic and must be entered into the aircraft records showing compliance with this service bulletin in accordance with 14 CFR 43.9(a) and the instructions in this service bulletin. The record must be maintained as required by 14 CFR 91.417.

- Access the area between FS179 and FS207 in accordance with the manufacturer's service manual.
- If installed, remove pitch servo, with bridle cable, according to the instructions in the *SkyView HDX General Maintenance Manual, Revision M or later* at dynoncertified.com/docs.
- Complete the pitch servo installation using the Beechcraft P35 Pitch Servo kit, according to the instructions in the *Autopilot Servo Installation Manual, Bonanza P35, Revision B or later* at dynoncertified.com/docs.
- Report compliance of this service bulletin to Dynon Certified Technical Support at dynoncertified.com/contact.

Material Information

Dynon to send Beechcraft P35 Pitch Servo kit (P/N 504957-000) that includes the following hardware:

DYNON P/N	QTY	DESCRIPTION
504930-000	1	P35 PITCH SERVO MOUNT BRACKET
504931-000	1	P35 PITCH SERVO BASE BRACKET
504932-000	1	P35 PITCH SERVO BRACKET GUSSET
103763-004 ¹	12	MS20470AD4-5 SOLID RIVET
101880-000 ¹	6	AN525-832R8 PHIL WASH HD SCREW #8-32, 1/2"L

100978-002 ¹	6	AN960-8 FLAT WASHER #8
100976-007 ¹	6	AN365-832A LOCK NUT #8-32
100981-000 ¹	4	AN3H-3A HEX BOLT #10-32, 15/32"L, DRILL HD
103666-001 ¹	4	AN3-4A HEX BOLT #10-32, 17/32"L
100978-003 ¹	6	AN960-10 FLAT WASHER #10
100976-011 ¹	2	AN365-1032A LOCK NUT #10-32

1) Part not individually sellable.

Time in Effect

This technical service bulletin is in effect indefinitely.

Additional Questions?

Contact Dynon Certified Technical Support at dynoncertified.com/contact.