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DATE: 12 MAY, 2023

SUBJECT: Garmin Autopilot

**REVISION: Initial Release ( IR )**

**AIRCRAFT MODEL: Husky Model A-1, A-1A, A-1B, A-1C-180, A-1C-200  
(CERTIFIED IN ANY AIRWORTHINESS CATEGORY)**

**PURPOSE**

To inform aircraft owners of affected serial numbers of the need to replace reduced service life GSA 28 autopilot servos per attached Garmin service bulletin.

**DESCRIPTION**

This service bulletin provides owners with a copy of the Garmin service bulletin 22016 rev B.

**COMPLIANCE**

Mandatory

**TABLE OF CONTENTS**

Description, Compliance, Table of Contents

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***AFFECTED MODEL LIST***

***All Husky Aircraft models A-1, A-1A, A-1B, A-1C-180, and A-1C-200, All Serial Numbers.  
(CERTIFIED IN ANY AIRWORTHINESS CATEGORY)***

**ACCOMPLISHMENT INSTRUCTIONS**

\*NOTE: Only FAA authorized repairmen should perform the following instructions.

- It is the responsibilities of owner/operator to have only have an FAA authorized repairman perform the accomplishment instructions of this service bulletin.

**COMPLIANCE LETTER**

This is to certify that I have complied with Service Bulletin 37 on airplane:

Model Number: \_\_\_\_\_

Serial No: \_\_\_\_\_

Registration Number: \_\_\_\_\_

Aircraft Hours: \_\_\_\_\_

Date: \_\_\_\_\_

Were referenced GSA 28 servos found? Yes: \_\_\_ No: \_\_\_

How many referenced GSA 28 servos were found? \_\_\_\_\_

How many referenced GSA 28 servos were replaced? \_\_\_\_\_

FAA Certified Repairman: \_\_\_\_\_

License No.: \_\_\_\_\_

Signed: \_\_\_\_\_

Return completed compliance letter to:

Aviat Aircraft, Inc.  
Engineering Department  
P.O. Box 1240  
Afton, WY 83110  
Fax: 307-885-9674  
Email: [engineering@aviataircraft.com](mailto:engineering@aviataircraft.com)



1200 E. 151<sup>st</sup> Street  
Olathe, KS 66062  
913-397-8200

**\*\*MANDATORY\*\***  
**SERVICE BULLETIN**  
**NO.: 22016 Rev. B**

**TO:** GSA 28 Owners and Service Centers  
**DATE:** May 4, 2023  
**SUBJECT:** GSA 28 Servo Mod 1  
**REVISION B:** Updated Modification Instructions

**PRODUCTS AFFECTED**

Garmin GSA 28 units listed below that were shipped between September 2021 and January 2022 are affected:

011-02927-00 serial number 2PG015462 through 2PG016170

011-02927-10/11 serial numbers 5G9017349 and 5G9019731 through 5G9021528

**PURPOSE**

Due to a supplier issue, there is a chance of reduced service life of one of the GSA 28 internal components resulting in servo failure. The servo failure can happen in flight with an annunciated "AP DISC" indication, or on the ground during a preflight check. In either case, the autopilot is rendered inoperable until the servo is replaced.

**DESCRIPTION**

This service bulletin contains instructions for incorporation of Mod 1.

**COMPLIANCE**

**Mandatory**

**APPROVAL**

Installation of Mod 1 units (p/n 011-02927-11 only) is approved by MDL 005-01264-00 Rev 69.

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**REFERENCES**

GFC 500 Autopilot with Electronic Stability and Protection Part 23 AML STC Maintenance Manual with Instructions for Continued Airworthiness (190-02291-01) Rev 9 or later

G3X/G3X Touch Installation Manual (190-01115-01) Rev AP or later

G5 Electronic Flight Display Installation Manual for Non-Certified Aircraft (190-02072-01) Rev 9 or later

**MANPOWER**

Two and a half (2.5) hours labor per affected GSA 28.



**NOTE**

Contact Garmin Aviation Product Support if more time is needed to access and replace an affected GSA 28.

**WARRANTY INFORMATION**

For certified installations, refer to Garmin Service Bulletin 23024 GSA 28 Service-Life Extension Program.

For non-certified installations, refer to Garmin Service Bulletin 23038 GSA 28 Service-Life Extension Program.

**INSTRUCTIONS**

For certified installations, refer to Garmin Service Bulletin 23024 GSA 28 Service-Life Extension Program.

For non-certified installations, refer to Garmin Service Bulletin 23038 GSA 28 Service-Life Extension Program.

**MATERIAL INFORMATION**

N/A