

**State of Israel
Ministry of Transport
Civil Aviation Authority**

**AD ISR-I-04-2020-06-02_R1
Date: January 27, 2021**

AIRWORTHINESS DIRECTIVE

This Airworthiness Directive, issued by the Civil Aviation Authority in accordance with the Israeli Aviation Regulations, applies to an aircraft for which our records list you as the registered owner. It affects aviation safety and requires your immediate attention. No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with that Directive.

APPLIES TO: Gulfstream Aerospace LP (GALP) Model **G280** aircraft, all serial numbers, certificated in any category.

SUBJECT: Revision of Table 9 – Temporary Limitations and Inspection Requirements of the Section 05-10-10 (Airworthiness Limitations Section) of the G280 Airplane Maintenance Manual– addition of AWL-3 task

REASON: A limited number of Flight Control Electronic Control Units (FCECU), identified by the unit manufacturer's serial number, installed on the G280 Aircraft, are susceptible to solder cracking affecting the signals within the electronic unit. The combination of the solder crack and the latent failure of the Horizontal Stabilizer Trim Actuator "No – Back" mechanism could result in uncontrolled HSTA operation. This constitutes an unsafe condition.
To address this an increased inspection frequency of the "Horizontal Stabilizer Trim Actuator No – Back Operational Check" is mandated in order to maintain the required certification safety objectives until the replacement of suspect FCECUs can be accomplished.

ACTION: **Incorporation of AMM Inspection Task**
Within 90 days of issuance of this AD, incorporate inspection task "AWL-3" for the Horizontal Stabilizer Trim Actuator No – Back Operational Check in Table 9, titled "Temporary Limitation and Inspection Requirements", of the Airworthiness Limitations Section (section 05-10-10) of the G280 Airplane Maintenance Manual (AMM).

COMPLIANCE: Compliance within 90 days from the effective date of this AD.

EFFECTIVE DATE: February 15, 2021

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