



Peregrine

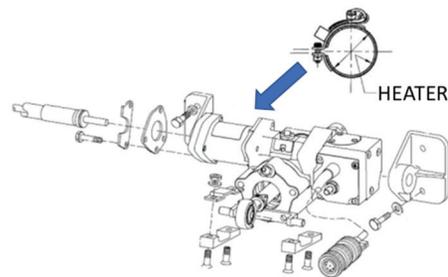
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FOR IMMEDIATE RELEASE:

PEREGRINE AND GULFSTREAM: IMPROVED G150 FLAP/SLAT OPERATION

On behalf of Gulfstream Aerospace, Peregrine has completed a supplemental type certificate (STC), ST01075DE, covering the installation of flap and slat actuator heaters to ensure improve high-lift system operation in cold weather landing situations. A no-flap/no-slat landing configuration can lead to a steeper descent path and high-speed landings without flap or slat deployment; possibly requiring a diversion away from the planned destination airport. Operational impacts may include costly diversions to alternate destination with a runway of suitable length, passenger-experienced delays and increased direct and indirect operational costs.



Example Slat Actuator Heater Installation

The STC covers the installation of heaters to prevent inadvertent freezing of the aircraft's actuator components that control wing flaps and slats positions. The heaters ensure the reliable operation and deployment of the leading-edge slats and flaps in all operational environments. STC does not modify the G150 Flap/Slat drive system including controls, indications, safety mechanisms or recommended lubrication maintenance procedures

Peregrine provided all engineering, test and certification data needed to obtain the Supplemental Type Certificate approval. The components, heaters control systems and installation documentation package are available as a package directly from Peregrine.

Peregrine is ready to provide a turnkey installation of the system at our Denver area Part 145 repair station partner, or Peregrine can supply the STC and installation components for installation by your preferred authorized repair station. Contact Peregrine for further details and scheduling information.

Peregrine Avionics, LLC, is an aircraft engineering and certification firm located at Centennial Airport in Englewood, CO. Over its more than 10-year history, Peregrine has obtained over 25 STCs and provided extensive design and certification support for Parts 23, 25, 27 and 29 aircraft. It is currently awaiting approval of its application for Organization Designation Authorization.

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