**Peregrine**

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FOR IMMEDIATE RELEASE:

PEREGRINE AND GULFSTREAM: IMPROVED G150 FLAP/SLAT OPERATION

On behalf of Gulfstream Aerospace, Peregrine completed a supplemental type certificate (STC), ST00XXXXX, installing flap and slat actuator heaters to improve high-lift system performance in cold weather landing situations.



The STC covers the installation of heaters to prevent inadvertent freezing of the aircraft’s linear actuators that control wing flaps and slats to “extend” and “retract” positions during flight. Flight operations preceded a parking in a high humidity or wet location can allow for freezing of the actuator mechanisms leading to the overload protection mechanisms preventing the deployment of the leading-edge slats or flaps. This may require a diversion to a longer runway or airport to accommodate a higher speed landing.

Peregrine provided all engineering, test and certification data needed to obtain the Supplemental Type Certificate approval. Operators of the G150 can contact their Gulfstream Authorized Service Center for installation of the STC.

**Peregrine Avionics, LLC**, is an aircraft engineering and certification firm located at Centennial Airport in Englewood, CO. Over its 10-year history Peregrine has obtained over 25 STCs and provided extensive design and analytical 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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