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FOR IMMEDIATE RELEASE:

Mexico AFAC VALIDATES recorder STC EXPANDED Model List

The Mexico Agencia Federal de Aviación Civil (AFAC) has validated the Peregrine Supplemental Type Certificate (STC) #ST01070DE that including additional aircraft models.

Peregrine, in collaboration with Curtiss-Wright and SoCal Jets, Inc. expanded the Approved Model List (AML) for STC #ST01070DE. This STC already provides operators with a compliant, affordable, solution to meet the requirements for recorders as outlined in NOM‑022‑SCT3 2011 in accordance with CP AV-022 dated April 15, 2019. With the Federal Civil Aviation of Mexico (AFAC) validation of the expanded FAA AML STC, operators and owners of additional applicable aircraft can now utilize this STC and operate aircraft in Mexico airspace as an FAA and AFAC approved installation.

This AML STC installs the Curtiss-Wright Fortress Flight Data Recorder with Cockpit Voice Recorder, Class C Cockpit Image Recorder including a Dukane Seacom Underwater Locating Device. The expanded AML now includes Learjet 30 Series, Learjet 45, 55 Series and Model 60; Hawker 400, 800 and 1000 Series; Hawker Siddeley HS.125 Series 700A/B; Mitsubishi MU300-10 (Beechjet) and Citation 10 (750), 550, S550, 560, 650 aircraft. The STC utilizes the Class C AIR camera to record images of the cockpit instrument panel to record key flight parameters. This simplified installation significantly reduces costs and downtime when compared to a traditional FDR installation.

Any Part 25 charter aircraft (USA) that operates in Mexican airspace or is Mexican registered over 5500kg must have this equipment installed per AFAC requirements. This validation shows that AFAC recognizes this recording system to meet ICAO Annex 6 requirements. All equipment is ED-112A certified and includes an EASA (E)TSO approved 25‑hour Cockpit Voice Recorder and (E)TSO-176a two (2) hour Airborne Image Recorder.

“Under certain regulatory bodies, Class C recorders are allowed as a means for recording flight data where it is not practical or prohibitively expensive to record on an FDR, or where an FDR is not required. This expanded AML STC offers an economical means, measured in cost and aircraft downtime, of complying with the new AFAC and ICAO requirements for additional aircraft,” states David Rankin, President, Peregrine.



Figure 1: Airborne Image Recorder Camera

Figure 2: Curtiss-Wright Fortress Flight Data Recorder (with Cockpit Voice Recorder)

In addition to the AML expansion, the STC now more clearly allows the use of the system as an acceptable Class C Cockpit Image Recorder compliant with EUROCAE ED-112A, Chapter III that may be installed to meet the AFAC (Mexico) operational requirements. Further, the updated STC now allows integration with the Texas Aerospace Technologies' TXA201 Tri-Axial Accelerometer.

For more information regarding this STC, please contact: SoCal Jets, or Peregrine, +1 (303) 325-3873, [peregrine.aero](file:///\\Webdrive\calendar.aviaglobalgroup.com\$%20AviaGlobalGroup\AGG%20Client%20Info\Peregrine\Press%20Releases\New%20Press%20Releases\peregrine.aero). For information about the AFAC mandates, see <https://peregrine.aero/mexico-increases-enforcement-of-key-equipage-mandates/>.

**Peregrine** is an FAA ODA, providing aircraft engineering and certification expertise located at Centennial Airport in Englewood, CO. Over its 14-year history Peregrine has obtained over 35 STCs and provided extensive design and analytical support for Parts 23, 25, 27 and 29 aircraft. Additional details can be found at [peregrine.aero](https://peregrine.aero/)

**SoCal Jets, Inc.** is headquartered in Van Nuys, CA, SoCal Jets employs some of the best aircraft technicians and promotes a positive attitude that ensures company-wide success as it proudly celebrates over 37 years in business. Each SoCal Jets employee is dedicated to maintaining aircraft to the highest standard, with the utmost commitment to the safety of our customers. SoCal Jets services primarily Gulfstream, Challenger, Falcon, Hawker, Learjet, and Citation aircraft. SoCal Jets also supports many aircraft in Mexico, and is proud to be one of just a handful of U.S. companies to have received certification from AFAC. You can learn more about SoCal Jets online at [www.socaljets.aero](http://www.socaljets.aero)

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