



Peregrine
7385 S. Peoria Street Unit C4
Englewood, CO 80112
www.peregrine.aero



SoCal Jets Inc.
7035 Sophia Ave.
Van Nuys, CA 91406
www.socaljets.aero



Curtiss-Wright
20130 Lakeview Center Plaza
Ashburn, VA 20147
www.curtisswright.com

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FOR IMMEDIATE RELEASE:

MEXICO ICAO RECORDER REQUIREMENT STC MODEL LIST EXPANDED

Peregrine, in collaboration with Curtiss-Wright and SoCal Jets, Inc. has expanded the Approved Model List (AML) for Supplemental Type Certificate (STC) #ST01070DE. This STC 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. The expanded Approved Model List has been awarded to Peregrine and is now available for installation. The Federal Civil Aviation of Mexico (AFAC) has validated this FAA AML STC.

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 covers additional legacy Learjet, Citation, and Hawker models including the Lear 60, the Hawker 400, and the Cessna 560. 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. The Mexico requirement is based on ICAO Annex 6 documentation. 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 2: Curtiss-Wright Fortress Flight Data Recorder (with Cockpit Voice Recorder)



Figure 1: Airborne Image Recorder Camera



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. For information about the AFAC mandates, see <https://peregrine.aero/mexico-increases-enforcement-of-key-equipage-mandates/>.

Peregrine is an aircraft engineering and certification firm 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. It is currently anticipating approval of its application for Organization Designation Authorization. Additional details can be found at 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

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