

SCOTT INTERNATIONAL PROCEDURES, LLC

THE SCOTTIPC CLAY LACY RECURRENT ADSB/CPDLC, WITH THE MODULES LISTED BELOW, WAS CONDUCTED ON FRIDAY, MARCH 27TH 2020 WITH JIM MCGINLEY OF CLAY LACY AVIATION

The following subject modules were covered:

- 11G - Mach Number Technique
- 11J - NAT Tracks
- 11k - PBCS & Data Link Mandate
- 11o - Flight Walkthrough North Atlantic
- 16A - Oceanic and ICAO Contingencies
- 1C - Plotting Chart Review
- 24B - International Altimetry Basics
- 24G - ICAO PANS-OPS Instrument Procedures & TERPS Differences
- 26B - Differences from ICAO Standards
- 30a - Oceanic Airspace Design
- 31E - RNP 1 & 2
- 32A - PBCS
- 38B - ADS-B
- 38D - CPDLC
- 38E - CPDLC Recurrent
- 39 - ADS-C

Special Authorization Airspaces & special subjects covered above:

NAT HLA, RNP10, BRNAV/RNP5, RVSM, WATRS Plus, RNP10, RNP4 (PBCS, 30/30 Separations), RNP1, RNP2, Europe PRNAV, PBCS, ADS-B, CPDLC, ADS-C

NAT/HLA Operational Bulletins were addressed and procedures within were covered in this training. Special attention was given to NAT Ops Bulletin 2017-001 Rev 4 NAT Common DLM dated 9 July 2019, NAT Ops Bulletin 2017-002 Rev 1 Oceanic Errors dated 18 Dec 2017, NAT Ops Bulletin 2017-005 Sample Oceanic Checklists Rev dated 7 Dec 2017 and NAT Ops Bulletin 2018-005 Rev 1 Special Procedures For In-Flight Contingencies in Oceanic Airspace dated 13 Feb 2019.

RVSM training consisting of all subject matter specified in FAA AC 91-85B, dated 29 Jan 2019. Also, U.S. DRVSM and European differences of implementation for RVSM were discussed. The European differences were trained IAW the Eurocontrol Flight Crew Information Notice and Regional Supplementary Procedures, ICAO Document 7030/4. Also covered was, Operating Practices and Procedures For Reduced Vertical Separation Minimum (RVSM) For U.S. Domestic RVSM. Additionally, Operational Policy/Procedures for the WATRS Plus, the NY Oceanic FIR, the San Juan FIR and Atlantic High Offshore Airspace were covered. . Included in the training was a discussion of TCAS II operation above Flight Level 290, including the changes incorporated in software change 7.1.

Initial Academic Training for CPDLC was trained IAW FAA AC 90-117 Dated 3 October 2017, GOLD ICAO Doc 10037 First Edition 2017, FAA FSIM 8900.1. The following academic subjects, required to obtain appropriate OpSpec (LOA), were covered: Operational Differences, Approvals, A/C and ATSU Datalink Systems, CPDLC versus Voice, Current Standards including RCP Concepts and Definitions, Controller Phraseology, Pilot Phraseology, Europe Differences (ATN-B1) VDL/Mode 2 with Message Support, Operational Usage, Flight Plan Entries, Emergency Procedures, Event Reporting, Weather deviations, Connection management, CPDLC messages. Data Link Clearance (DCL) using CPDLC procedures and implementation was not covered in this training. Operators should inform approving authority as to the inability to conduct Data Link Clearance Operations within the U.S. until such time as training has been conducted. This does not affect the use of PDC clearance through the operators Data Service Provider, nor does it affect the issuance of the Data Link Approval via OpSpec or LOA as the approval will be issued with a DCL limitation. Operators are required to obtain Procedural Operational Use Training (aircraft specific) prior to use: Data Link Communications Equipment Components, Controls, Displays, Auto Alerts, and Annunciations. Procedural training should include discussion of operations, terminology, symbology, optional controls, and display features. This training should also include any items particular to an air carrier's implementation or the uniqueness of its aircraft capability and/or procedures. Applicable message sets, expected transmission times, failure annunciations, constraints, and limitations should be addressed.

The CPDLC information in this module is taught to a recurrent depth and the coverage is not intended to serve as sufficient for Initial Certification. In order to complete the academic requirements needed for initial CPDLC certification, the full ScottIPC CPDLC specialty module must be completed online.

Sincerely,



Amy Scott

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