



GLOBAL AVIONICS TRAINING SPECIALISTS, LLC

CONTROL DISPLAY SYSTEM / RETROFIT

COURSE SYLLABUS

II. COURSE CURRICULUM

A. Orientation

1. Welcome
2. Student registration
3. Class policies
4. Course description
5. Training material distribution
6. Location of facilities
7. Security

B. System Introduction and Overview

- 1) System Description
- 2) Data Buses
- 3) Laseref® III or IV
- 4) CDS/R Operation
- 5) Primus® II Integrated Radio System
- 6) Primus® 440/660/880 Weather Radar System
- 7) NZ-2000 Flight Management System
- 8) Global Positioning System (GPS)
- 9) Enhanced Ground Proximity Warning System (EGPWS)
- 10) Traffic Collision Avoidance System (TCAS)
- 11) Line Maintenance

C. Digital Buses

1. Radio Systems Bus (RSB)
2. ARINC 429
3. RS-422
4. RS-232
5. Serial Control Interface bus
6. Weather Radar Picture data Bus
7. Integrated Computer Bus
8. Symbol Generator to Display Unit Bus

D. Sub-System Description

- 1) Laseref® III or IV
- 2) CDS/R Operation
- 3) Primus® II Integrated Radio System
- 4) Primus® 440/660/880 Weather Radar System
- 5) NZ-2000 Flight Management System
- 6) Global Positioning System (GPS)
- 7) Enhanced Ground Proximity Warning System (EGPWS)
- 8) Traffic Collision Avoidance System (TCAS)
- 9) Line Maintenance

E. Line Maintenance Practices

F. Summary