

AVIONICS



Essential Avionics (Part 2)

Avionics Maintenance

**Course Length
5 Days (40 Hours)**

FAA IA Approval Code:

C-IND-IM-160523-K-006-002



TOPICS	HRs
Introduction / Flight Decks overview / Abbreviations	1
Auto Flight Control System (AFCS) ..	2
Servo Mechanism review (SVO).....	1
Yaw Damper / Autopilot system),	
Flight Director Systems	4
Roll modes (HDG, NAV, APPR, BC),	
Pitch modes (ALT, VS, FLC, VNAV). 8	
Indicating & Recording (ATA 31),	
Airframe Instruments / EICAS Review,	
Flight Data Recording (FDR).....	8
Maintenance Diagnostic (ATA 45)	8
Hands-on training (AMM & Aircraft) ..	4
Course Review	4
TOTAL	40

The Essential Avionics –Part II course is fundamental for all Line Maintenance Technicians and any aircraft personnel who require a general, but thorough understanding of avionics systems. The course covers analog and digital avionics systems included in ATA 22 AFCS, ATA 31 Indicating/Recording and ATA 45 Maintenance Diagnostic.

The instructor uses Logic Flow Diagrams to simplify understanding of every system. Upon completion of this course, a technician will be able to communicate effectively with pilots and avionics shops, be able to troubleshoot a problem to the component level with a high level of confidence and restore to airworthiness standard aircraft integrated systems.

This course is very interactive, allowing students to team-solve operational and functional exercises. This teaching technique ensures a higher level of understanding and retention of the information. This is an ATA Level III course

Other GLOBALJET Avionics courses available for your aviation career path of success:

Avionics

- Essential Avionics (Part 1)*
- FAR 91.411/91.413 (RVSM)*
- Practical Aircraft Wiring*
- ADS-B for NextGen*

For more information on this Essential Avionics (Part 2) course please contact:

Sales@globaljetservices.com

30 Tower Lane →

Avon, CT → 06001

Tel (860) 651-6090 → Fax (860) 651-3618

globaljetservices.com

