

AVIONICS



Essential Avionics (Part 1)

Avionics Maintenance

The Essential Avionics –Part I 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 23 Communications and ATA 34 Navigation.

The instructor uses Logic Flow Diagrams to simplify understanding of every system. On 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. It is an ATA Level III course

For more information on this Essential Avionics (Part 1) course please contact:

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

FAA IA Approval Code:

C-IND-IM-160523-K-006-001



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

Avionics

Essential Avionics (Part 2)
FAR 91.411/91.413 (RVSM)
Practical Aircraft Wiring
ADS-B for NextGen

<u>TOPICS</u>	<u>HRs</u>
Introduction / Flight Decks overview / Abbreviations	1
Communication Systems: INPH / VHF / HF / SATCOM / ELT / CVR	6
Non-radio Navigation Systems: ADS / VG/DG / AHRS / IRS / EGPWS FMS	8
Radio Navigation Systems: ADF / VOR/DME / ATC / LOC/GS RADAR / RA / TCAS / ADS-B / FMS	14
Hands-on training (AMM, Aircraft).....	8
Wiring awareness.....	1
Course Review	2
TOTAL	40

