

# AVIONICS



## ADS-B for NextGen

### Familiarization Course

Course Length  
1 Day (8 Hours)

FAA IA Approval Code:

C-IND-IM-161116-K-010-001



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

#### Avionics

*Essential Avionics (Part 1)*

*Essential Avionics (Part 2)*

*FAR 91.411/91.413 (RVSM)*

*Practical Aircraft Wiring*

TOPICS	HRs
Introduction to NextGen.....	0.5
History and Operation of FANS 1/A .....	1.0
History and Operation of ADS-B In/Out .....	2.0
Datalink Operations (CPDLC).....	1.0
Theory of Operation: Transponders and Radar .....	2.0
Avionics Mandates Review	1.5
<b>TOTAL</b>	<b>8</b>

The ADS-B for NextGen Fam Course is a short, one-day theoretical course that is fundamental for all Avionics technicians or Maintenance Planners. This course was designed with the objective of educating the installers and planners on the functionality and reasoning behind the latest FAA and EASA regulations and mandates concerning ADS-B and other data-link systems.

We cover different types of system operations as found in a rapidly increasing number of aircraft here in the US and abroad to include:

- FANS 1/A
- Protected Mode CPDLC
- ADS-B In, Out, and Contract

Each student will receive the respective training as necessary to comprehend and easily identify the type of installation their air fleet or customers would require.

For more information on this ADS-B for NextGen Fam course please contact:

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