

Salient Characteristics Sheet

Describe the requested item(s) in salient terms:

Physical characteristics = 10' wide x 10' long x 8' ceiling requirement. Multiple touchscreen monitors resembling a C-37B (G550) cockpit.

Essential Characteristics = One (1) FlightSafety Gulfstream G550 Standard GFS:

- FlightSafety Current Standard software and licenses
 - FlightSafety MATRIX™ Software, Windows 10
 - High-Fidelity Gulfstream G550 Aircraft Systems Software
 - Honeywell EPIC 34.0.0 Cert H Avionics
 - FMS Version NZ 7.1.2
 - Rolls Royce BR710 Engines
 - FlightSafety Standard Malfunctions
 - FlightSafety Standard Active Schematics
 - Navigation Database Update Utility
- FlightSafety current Standard FTD structure and hardware
 - Standard G550 GFS structure as shown in Figure 1 below
 - Two (2) Simulated Cursor Control Devices (CCD)
 - Standard Host PC
 - UPS –Uninterruptible Power Supply
 - Portable IOS on a Touchscreen Laptop
 - Two (2) office-style chairs
- Shipping & Installation at Andrews AFB
 - On-site one (1) day Training and Customer Acceptance
- Two (2) Year Limited Warranty
- FlightSafety Standard G550 GFS Spares Package
 - Quantity one (1) 21" LCD Touchscreen Monitor
 - Quantity one (1) 24" LCD Touchscreen Monitor
 - Quantity one (1) Graphics Card
 - Quantity one (1) Video Cable
 - Quantity one (1) Universal Serial Bus (USB) Cable
 - Quantity one (1) Cursor Control Device (CCD)
 - Quantity one (1) Host Server

Functions to be performed = The C-37B (G550) GFS is a graphically simulated cockpit using a configuration of touch-screen monitors mounted on a frame that is spatially similar to the actual cockpit. There are two Auxiliary monitors, one above each crew member's instrument panel which provides simulation control functions, display of simulated schematics, and snapshot selections. Aircraft sounds and aural cues are reproduced. An Instructor Operating Station (IOS) is deployed on a separate touch screen laptop that can be detached and used as a wireless device. GFS functions include Systems Integration, Crew Resource Management, normal/abnormal procedures training and avionics training. The FMS can be fully programmed and used in conjunction with the Auto-Pilot to execute in-flight training scenarios. A set of malfunctions is

provided to allow for training in abnormal situations.

