

FLORIDA DEPARTMENT OF LAW ENFORCEMENT

WRITTEN ANSWERS TO QUESTIONS

FDLE ITB 2002

King Air Avionics Upgrade

All written questions are reproduced in the same format as submitted by the Vendor.

Question #1	Section 2.3 of the ITB calls out two GTX-345's to be installed. The Garmin STC only calls out one GTX-345R and one GTX-335R. The GTX-345R will always provide ADS-B In even if in standby. Dual GTX-345 is not an option within the STC and Garmin says there could be issues in that configuration.
Answer #1	See Addenda 3
Question #2	Also will FDLE plan to add the Garmin options Mode A/C unlock for ADS-B disable when operating in special missions situations? If so will this be done with the install and who would be providing the enablement option.
Answer #2	See Addenda 3.
Question #3	Does the aircraft have a cargo pod? The Garmin G-1000 NXi STC does not cover aircraft equipped with a cargo pod.
Answer #3	Yes. FDLE will remove prior to G1000 installation.
Question #4	Will the serial number and tail number for the aircraft be released, or is this information only accessible via the onsite visit?
Answer #4	The serial number and tail number are available.
Question #5	What is the serial number of the aircraft?, please keep in mind that serial number of aircraft is required for configuration of G1000NXi as there are multiple variations
Answer #5	FL373
Question #6	Are any of the existing component systems to be retained for integration to G1000NXi??
Answer #6	Yes.
Question #7	Does the aircraft have an existing ADF System? If so, Will it be retained?
Answer #7	Yes and the ADF system will be retained.
Question #8	Does the aircraft have an existing Traffic System? If so, Will it be retained?
Answer #8	Yes and the Traffic system will be retained.
Question #9	Does the aircraft have an existing DME System? If so, Will it be retained?
Answer #9	Yes and the DME system will be retained.
Question #10	Does the aircraft have an existing Radar Altimeter System? If so, Will it be retained?
Answer #10	Yes and the Radar Altimeter system will be retained.
Question #11	Does the aircraft have an existing Lighting Detection System (Stormscope)? If so, Will it be retained?
Answer #11	Yes and the Lighting Detection system will be retained.
Question #12	Does the aircraft have an existing Cabin Entertainment system? If so, Will it be retained?

Answer #12	No.
Question #13	Does the aircraft have an existing Flight Data Recorder? If so, Will it be retained?
Answer #13	No.
Question #14	Does the aircraft have an existing Cockpit Voice Recorder? If so, Will it be retained?
Answer #14	Yes and the Cockpit Voice Recorder will be retained.
Question #15	Does the aircraft have an existing 406 ELT System with GPS interface?
Answer #15	The aircraft has an existing 406 ELT System however it does not have GPS interface.
Question #16	Does the aircraft have any special mission equipment that needs to be interfaced to G1000NXi?
Answer #16	Yes, FDLE transceiver.
Question #17	Is there a requirement for pilot transition training or mechanics training on G1000 NXi system?
Answer #17	No.
Question #18	Do you want to keep the traffic system that is already installed in the aircraft and interface it to the G1000 system or would you like the current system removed and install a brand new Garmin traffic system?
Answer #18	The current traffic system must be interfaced with the G1000.
Question #19	Are there wiring diagrams for the aircraft?
Answer #19	Yes.
Question #20	When the G1000 is installed the AC inverter is normally removed. There is no longer AC for the aircraft. Do we need to retain the inverters?
Answer #20	Any components and/or equipment removed from the aircraft must be returned to FDLE.
Question #21	<i>(Vendor name omitted)</i> generally retains the removed equipment as part of the quote. Is this permissible on this contract.
Answer #21	See Answer #20
Question #22	The belly pod may have to be removed for Garmin G1000 installation. Has anyone brought this to your attention?
Answer #22	See Answer #3.
Question #23	Do you want the Video Unlock option to display the FLIR-NTSC source displayed with G1000? Only requirement is that your FLIR system will output NTSC /composite system.
Answer #23	See Addenda 3.
Question #24	Due to electromagnetic interference we suggest LED nav/strobe lights in the wingtips. Would you like us to quote this option?
Answer #24	No.
Question #25	We would like to verify that the aircraft has three communication radios that will be interfaced to the audio system- two VHF and one police/military band radio.
Answer #25	Yes.
Question #26	Would you like to keep the existing TCAS system, or install the new Garmin TCAS system?
Answer #26	Keep existing Traffic system.
Question #27	One GTX345/ one GTX335, both vertical racks are needed. Dual GTX345's are not available per Garmin.
Answer #27	See Addenda 3.
Question #28	Will the cargo pod be removed from the aircraft before arriving at the winning bidder's location?

Answer #28	See Answer #3.
Question #29	Will all the removed equipment become the property of the installer or is it required to remain the possession of the FDLE?
Answer #29	See Answer #21.
Question #30	Please choose a traffic system option a. Optional ADSB in Traffic system. b. To integrate the currently installed TTR 4000 TCAS II traffic system will require optional Garmin GTX 3000 Transponders or modify existing original transponders. c. Add Garmin GTS 825 or 855 TCAS 1 system. d. Add Skywatch 899 TCAS I system.
Answer #30	See Answer #18.
Question #31	Optional SXM GDL 69A weather?
Answer #31	See Section 2.3
Question #32	Optional Chartview?
Answer #32	See Addenda 3
Question #33	Optional Dual Chart Enable?
Answer #33	Not required.
Question #34	Optional Enhanced AFCS (Electronic Stability)?
Answer #34	Not required.
Question #35	Optional Search & Rescue?
Answer #35	Not required.
Question #36	Retain ADF?
Answer #36	See Answer #7.
Question #37	Retain DME?
Answer #37	See Answer #9.
Question # 38	Retain Sat phone and Interface with Audio Panel?
Answer #38	Not required.
Question #39	Retain Law Enforcement radio and interface with Audio Panel?
Answer #39	Yes.
Question #40	Install Garmin GSR-56 Iridium, Global weather and communication. WX, Phone and Text?
Answer #40	Not required.
Question #41	Install USB Ports

Answer #41	Not required.
Question #42	Install Lemo (BOSE) headset plugs for the pilot and copilot.
Answer #42	Not required.
Question #43	Interface camera equipment
Answer #43	See Addenda 3.
Question #44	Power requirements for mission equipment. When the G1000 is installed the AC inverter is normally removed. There is no longer AC for the aircraft. Do we need to retain the inverters?
Answer #44	See Answer #20.
Question #45	<i>(Vendor name omitted)</i> generally retains the removed equipment as part of the quote. Is this permissible on this contract.
Answer #45	See Answer #20.
Question #46	The belly pod may have to be removed for Garmin G1000 installation. Has anyone brought this to your attention?
Answer #46	See Answer #3.