

# G4 Installation Guide

**Kit: G4 Installation Kit**

**P/Ns 900-1049/50-000\***

**900-1056-000**

**900-1057-000**

**900-1058-000**

\* 900:

1049/50 - 7"/9" screens

1056 - L7 lightbar kit (optional with 9" screen)

1057 - Antenna kit

1058 - USB hub kit



## Read and Follow Safety Messages

- In these instructions, you may see the heading WARNING and/or the safety alert symbol . They indicate a hazardous situation that, if not avoided, could result in death or serious injury. The safety messages provide information to identify a hazard associated with potential injury.
- Before installing, operating, or performing maintenance or service on any part of the system, read and understand this installation guide.
- Keep these instructions and all related safety information with the manuals for your aircraft and other equipment.

If you have questions or need assistance, contact your local dealer or distributor.

## Overview

This installation guide lists all the parts in the kit and provides step-by-step instruction on how to install the G4 CPU, touchscreen, lightbar, antenna and associated cabling and switches.

Please read this manual thoroughly before beginning the installation. Observe all warnings.

**⚠ WARNING:** Plan your installation by considering the following:

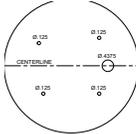
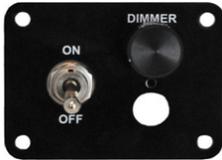
- Cable lengths
- Cable routing
- Clearance space
- Chafe protection
- Power source
- Aircraft structure
- Visibility
- Balance (see “Component Weights” on page 6 for weight of major components)

**⚠ WARNING:** Consider using existing hardware and hardware locations. Avoid drilling holes that may damage other equipment (such as structural frame members, electrical cables, or fluid lines).

**⚠ WARNING:** Do not obstruct the view of, or access to, other instruments or the flying visibility of the operator.

## Kit Contents - Box 900-1057-000 - G4 CPU, Antenna, Ancillary Items, Documentation

Unpack this kit and identify the parts as shown. Kit items are referenced A, B, C etc. with a C prefix for CPU (and CPU-associated items). References are used in the installation steps and pictures.

REF	PART NUMBER	QTY	DESCRIPTION	PHOTOGRAPH
CA	806-1040-000#	1	G4 CPU	
CB	804-3036-000#	1	A21 air antenna	
N/A	Appendix A	1	Template (Appendix A, page 17)  (Optional: Remove the Appendix A from this document and use the template to mark the aircraft for drilling for CB.)	
CC	051-0301-000#	1	GPIO cable  (Connect to [e.g.] spray switches, swath advance)	
CD	052-0005-000#	1	Antenna cable, TNC(M)-TNC(M), 5 m  (Connect antenna CB to CA)	
CE	054-0139-000#	1	Power/relay cable  (Connect to power switch/circuit breaker CH)	
CF	051-0299-000#	1	Com ports cable  (Connects, as required, 3rd party components for example AgLaser)	
<b>Bag 880-1041-000 - Ancillary Items</b>				
CG	601-1226-000#	1	Mountable panel  (For optional use with power switch/circuit breaker CH, encoder [dimmer] CI and knob CJ for the lightbar—all shown here pre-assembled)	
CH	075-3022-000#	4	On/off toggle switch/circuit breaker  (Mount in CG [optional], connect power/relay cable CE)	

**Kit Contents - Box 900-1057-000 (continued)**

REF	PART NUMBER	QTY	DESCRIPTION	PHOTOGRAPH
CI	075-0033-000#	1	Encoder [dimmer] (For the lightbar; use with CJ. Mount in CG if required.)	
CJ	679-1010-000#	1	Knob (Use with CI in CG)	See CG
CK	750-1107-000	1	USB drive - 4 GB (Use in CL, USB hub UC, USB extension cable UA or UB, or directly in CA)	
CL	400-0127-000#	1	Panel mount USB socket with cover (Mount with CM. Connect with CA using UA or UB extension cables.)	
CM	683-1086-000	1	Shell gasket (Install on the back face of CL - so against the mounting surface)	
CN	675-0152-000#	1	USB drive cover, splash-proof (For when a USB drive is left in CA)	
CO	075-4001-000#	1	Switch - lever, SPDT MOM CONT (Boom pressure - connect to cable CC)	
CP	075-4002-000	2	Switch - push, SPDT, 125 V 6A RB (Swath advance/mark - connect to cable CC)	
CQ	710-0118-000 (Bag)	1	USB drive - MapStar loaded (Bagged kit)	
<b>Documentation</b>				
	875-0382-01	1	This installation guide	
	875-0313-000	1	IntelliTrac Quick Reference Guide	

### Kit Contents - Box 900-1049-000 (7") or 900-1050-000 (9") Touchscreen and Cable

Unpack this kit and identify the parts as shown. Kit items are referenced A, B, C etc. with an S prefix for Screen (and screen-associated items). References are used in the installation steps and pictures.

REF	PART NUMBER	QTY	DESCRIPTION	PHOTOGRAPH
SA-7	752-0001-01#	1	Color touchscreen - 7"	 7"
SA-9	750-0133-001#	1	Color touchscreen - 9"	
SB	054-0140-000#	1	Cable VGA, video, power/data (Connect SA-7 or SA-9)	

### Kit Contents - Box 900-1056-000 - Lightbar, Mounting Brackets and Hardware

Unpack this kit and identify the parts as shown. Kit items are referenced A, B, C etc. with an L prefix for Lightbar (and lightbar-associated items). References are used in the installation steps and pictures.

REF	PART NUMBER	QTY	DESCRIPTION	PHOTOGRAPH
LA	806-2017-000#	1	L7 lightbar	
LB	051-0298-000#	1	Lightbar cable (Connect LA to CPU [CA])	

#### Bag 710-0029-002 - Lightbar Mounting Brackets and Plates (includes bag 710-0018-001)

LC	602-1007-000#	4	Mounting bracket, 1" (Mount LA. Use LC/LC or LC/LD combination - see steps)	
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**Kit Contents - Box 900-1056-000 - Lightbar, Mounting Brackets and Hardware (continued)**

REF	PART NUMBER	QTY	DESCRIPTION	PHOTOGRAPH
<b>Bag 710-0029-002 - Lightbar Mounting Brackets and Plates (includes bag 710-0018-001) - (continued)</b>				
LD	602-1008-001#	2	Mounting bracket, 3"  (Mount LA using LC/LD combination - see steps)	
LE	601-1045-000#	2	Backing plate  (Use with LH if required - see steps)	
<b>Bag 710-0018-001 - Lightbar Mounting Hardware (in bag 710-0029-002)</b>				
LF	675-1083-000	6	Bolt, #10-32 x 5/8"	
	678-1038-000#	6 (of 14)	Washer, #10-32	
	676-1022-000#	6 (of 10)	Nut, nyloc, #10-32  (Bolt mounting brackets LC/LC or LC/LD together—whichever combination used)	
LG	675-1086-000#	4	Bolt, #10-32 x 1/2"	
	678-1038-000#	4 (of 14)	Washer, internal star, #10-32  (Attach mounting bracket combination LC/LC or LC/LD to lightbar)	
LH	675-1084-000	4	Bolt, #10-32 x 3/4"	
	(675-1085-000)	(4)	(Bolt, #10-32 x 1-3/4" - optional)	
	678-1038-000#	4 (of 14)	Washer, internal star, #10-32	
	676-1022-000#	4 (of 10)	Nut, nyloc, #10-32	
			(Attach mounting bracket combination LC/LC or LC/LD to aircraft. Use LE if necessary.)	

## Kit Contents - Box 900-1058-000 - USB Hub and Cables

Unpack this kit and identify the parts as shown. Kit items are referenced A, B, C etc. with a U prefix for USB (and USB-associated items). References are used in the installation steps and pictures.

REF	PART NUMBER	QTY	DESCRIPTION	PHOTOGRAPH
UA	051-0295-000#	1	USB cable, type A, 5 m (Use with UC or CL)	
UB	051-0296-000#	1	USB cable, type A, 3 m (Use with UC or CL)	
<b>Kit 710-0119-000 - USB hub kit</b>				
UC	805-0012--000	1	USB hub	
UD	054-0142-000#	1	Cable, USB power (Connect UC to power source)	

## Component Weights

Component	Weight
CPU (with tray)	9.95 lbs (4.51 kg)
Touchscreen - 7"	1.25 lbs (0.57 kg)
Touchscreen - 9"	2.80 lbs (1.27 kg)
L7 lightbar	4.15 lbs (1.88 kg)
Complete cable set	9.05 lbs (4.11 kg)
A21 antenna	0.75 lbs (0.34 kg)

# CPU Installation

Install the CPU in any location inside the aircraft or vehicle that has the necessary room and is sheltered from the elements, for example in a storage compartment, in the cab, behind the seat. The CPU must have sufficient clearance to be accessible for attaching/removing cables (to or from all sides) and for inserting and removing the USB drive (however, see step 9, “Installing the USB panel mount and connecting the USB extension cable.” page 16). The G4 CPU comes installed on its quick-release slide tray.

## Installing the slide tray and CPU.

- a. Release the side latch (Figure 1a, left) and slide the CPU and the attached upper slide plate from the base plate (Figure 1a, right).

**NOTE:** *Slide and detach toward the side latch end; you need to slide the assembly only far enough to clear the short slide guides at the ends of the base plate.*

- b. Mark and drill eight holes in your selected (horizontal) mounting surface for the four vibration-damper feet on the base plate.
- c. Using suitable fasteners, secure the base plate feet (and the base plate\*) to the mounting surface.
- d. Slide the CPU/upper plate assembly onto the base plate from the latch end and apply the latch.

**NOTE:** *\*You can detach the feet from the base plate and mount them separately then remount the base plate if preferred.*

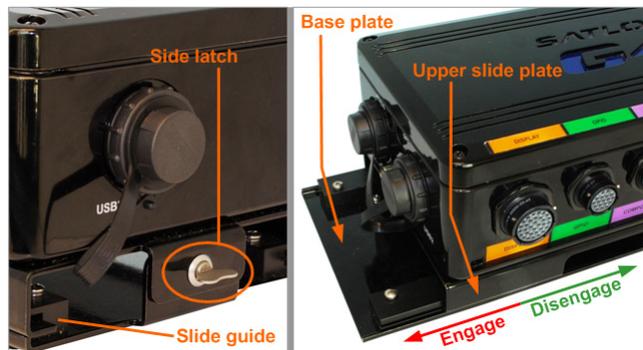


Figure 1a, left and right: G4 CPU, slide and base plates, latch

# Touchscreen Installation

Mount the touchscreen inside the cockpit where it is easily visible while flying and within comfortable arm's reach.

**⚠ WARNING:** *Do not obstruct the view of, or access to, other instruments or the flying visibility of the pilot.*

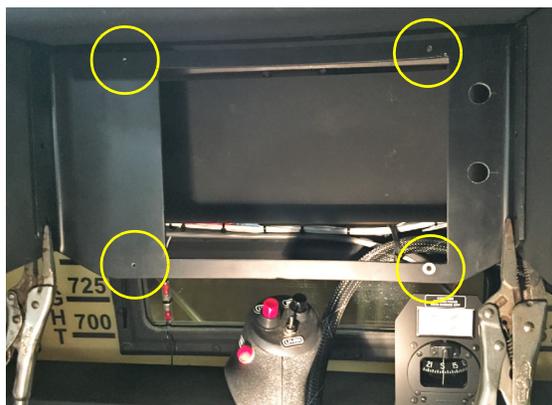
**NOTE:** *Unless you fabricate a mounting box/bracket for your touchscreen (see figures 1 and 2 at right), you will need access behind the instrument panel to secure the touchscreen.*

## Mounting the touchscreen (no mounting box/bracket).

- a. After selecting a suitable location, use the touchscreen as a template to mark the four corner screw positions. Drill four holes as marked.

**⚠ WARNING:** *Use only #8 screws to mount the touchscreen; larger screws could crack or otherwise damage the screen.*

- b. Using suitable length #8 screws, (see preceding warning), attach the screen to the instrument panel.



Figures 1 and 2: Touchscreen installation with fabricated mounting box/bracket

# Lightbar Installation

Mount the lightbar in front of the cockpit at a comfortable viewing distance. You can mount the lightbar either inside or outside the cockpit.

**⚠ WARNING:** *If you install the lightbar through the hopper, seal all hardware to prevent corrosion, which could weaken the mounting bolts allowing the lightbar to break free with very serious consequences.*

**⚠ WARNING:** *Do not obstruct the view of, or access to, other instruments or the flying visibility of the pilot.*

**NOTE:** *This installation requires some drilling—you will need a 1/4" drill bit.*

## 1. Assemble the lightbar mounting brackets.

Using hardware **LF** assemble either:

- Two 1"/1" (**LC/LC**) bracket combinations (Figure 1-i) *or*
- Two 3"/1" (**LD/LC**) bracket combinations (Figure 1-ii).

## 2. Mount the lightbar.

- Using hardware **LG** (not visible), attach the lightbar to the assembled brackets (Figure 2a - LC/LC bracket combination shown).
- Using the assembled lightbar and brackets as a template, mark the four mounting hole positions on a suitable surface/location on the aircraft. Using a 1/4" drill bit, carefully drill the four holes.
- Using hardware **LH** (short or long bolts as required) secure the lightbar (Figure 2b - LC/LC bracket combination shown). If required, use the backing plates **LE** on the underside of the mounting surface for additional reinforcement: they provide additional support to prevent the bolts pulling through the surface under vibration.

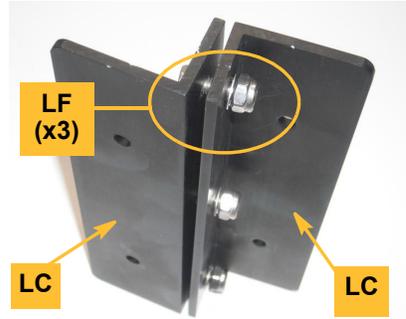


Figure 1-i: Mounting brackets (LC/LC)

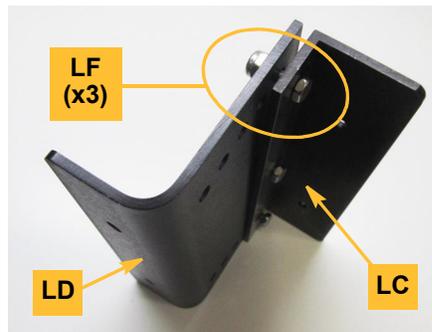


Figure 1-ii: Mounting brackets (LD/LC)



Figure 2a: Lightbar on brackets (LC/LC shown)

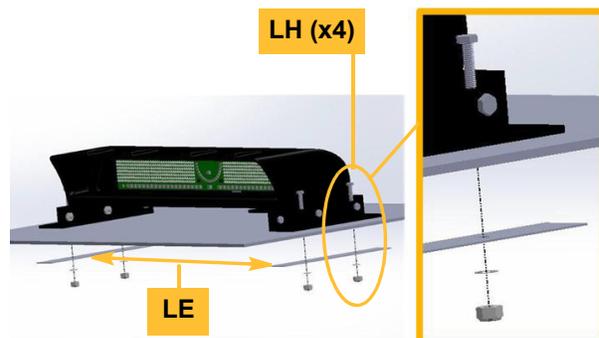


Figure 2b: Lightbar on aircraft—backing plates used (LC/LC shown)

# Power Panel Installation

**⚠ WARNING:** Do not obstruct the view of, or access to, other instruments or the flying visibility of the pilot.

Mount the power panel **CG**—part of power cable harness **CE** (054-0139-000#)—in an appropriate location inside the cockpit within the pilot’s easy reach (but see preceding warning). Depending on the selected location, use appropriate hardware (not supplied) to secure the power panel. See step 7-i “About the power cable harness”, page 14.

**NOTE:** The touchscreen has its own power button but it works as an on/off switch only when **CG**’s power switch is ON.



Power panel (comprising on/off switch, light-bar dimmer and fuse circuit breaker) with cable CE

# Antenna Installation

**⚠ WARNING:** Positioning the antenna less than 5 ft (1.524 m) from transmitting antennas of any frequency may cause overloading of the RF circuits.

Antenna position (and antenna cable routing—see warning below) is critical to system performance. The following conditions must be met for proper system operation:

- Mount the antenna (**CB**) at least 5 ft (1.524 m) from transmitting antennas of any frequency - see warning above.
- Mount the antenna at the highest practical point that will give a good view of the horizon.
- The positions that the receiver calculates are at the positions of the antenna, so, if using swath guidance system, mount the antenna on the centerline of the aircraft.

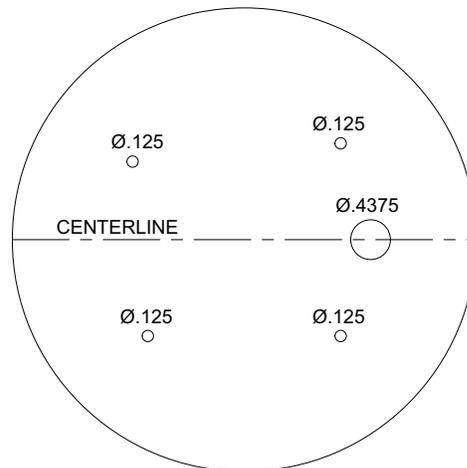
**NOTE:** This installation requires some drilling—you will need a 1/8" and a 7/16" drill bit.

Meeting the conditions described above, mount the antenna:

- (Optional) If using, place the template (see Appendix A, page 17) on a suitable place on the aircraft’s surface and mark the drilling spots for the holes for the antenna fixing hardware (not supplied) and the antenna cable **CD**. (Use your own method, if preferred.)
- Using a 1/8" drill bit, carefully drill the four screw holes.
- Using a 7/16" drill bit, carefully drill a hole for the antenna connector.
- Secure the antenna to the aircraft with four #8-32 screws (not supplied).



A21 antenna



Antenna mounting template (see Appendix A)

**⚠ WARNING:**

- Never connect or disconnect the antenna cable with the power on.
- Do not route the antenna cable with any other radio system cables; this will cause interference. Keep antenna cable/radio cables at least twelve inches apart.
- If the antenna cable must cross other cables, cross it at 90°. This will prevent interference between systems.

# Cable(s) and Switches Installation/Connections

## ⚠ WARNING:

- Store excess cable lengths with a minimum six-inch bend radius.
- Do not coil cables (introduces noise).
- Avoid high-temperature exposure (for example the exhaust, exhaust manifold) when routing.
- Finger tighten cables only—do not use tools. Plug the connector into its port and turn the connector ring to secure.

The schematic below shows the main components and their connections. Detailed notes on the connections begin on page 12. See also Appendixes B and C, pages 18 and 19, for more connections details.



## Switch Connections

For the provided switches, find appropriate locations in your cockpit to mount the individual switches. They must be within easy reach of the operator and in an area where they can be connected to the GPIO cable (part number 051-0187-000#) or power cable (see step 7-i “About the power cable harness.” on page 14). See also Appendixes B and C, pages 18 and 19, for more connections details.

**The switches and their uses are as follows.**

- a. Two push switches to control swath advance and

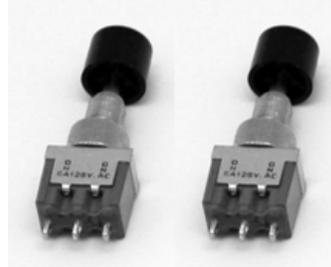


Figure 1a: Push switches - swath advance and mark functions

mark functions (part number 075-4002-000)

- b. Four toggle switches to control power and the left,



Figure 1b: Toggle switches - power and boom controls (left, center, right)

center and right booms (part number 075-3022-000#)

- c. A lever switch for boom pressure control (part number 075-4001-000#)



Figure 1c: Lever switch - boom pressure control

- d. An encoder (dimmer—not visible) and knob for lightbar dimming (part numbers 075-0033-000# and 679-1010-000#). These can be attached to plate 601-1226-000# and are all part of cable 054-0139-000#. See “Power Panel Installation” on page 10.



Figure 1d: Dimmer (behind) and knob - with plate 601-1226-000#

## Cable Connections

You install each G4 cable between the CPU and a modular component, for example the antenna cable or the touchscreen, or a peripheral device. Each cable is labeled with its name and part number and the connections are color coded. Each cable can fit only one port on the CPU—it is impossible to connect a cable to the wrong port. Line up a connector with its matching pins and gently insert and turn. See also Appendixes B and C, pages 18 and 19, for more connections details.

### **⚠ WARNING:** General cable connection warnings:

- Turn off power before connecting or disconnecting cables.
- Finger tighten cable connections—do not use tools.
- Do not route cables alongside power generator wire and other high-noise electric sources (will cause interference).
- Ensure no chafing of cables can occur.
- Do not kink or force cables into sharp bends.
- Store excess cabling with at least a six-inch bend radius; if coiling cables, flatten out the loops into ellipses (coiling in circles introduces noise).
- Avoid routing cables near high-temperature components (for example the exhaust, exhaust manifold).
- Cross the antenna cable (if necessary) at 90° to any other cable (prevents cross-interference).

### 1. Connecting the GPIO cable.

The GPIO cable **CC** comprises several individual wires: for the spray on/off switch, the swath advance switch, a serial port (DB9) connector (Figure 1a).

- a. Connect the Conxall connector end of **CC** to the CPU serial port labeled ‘GPIO’.

### **⚠ WARNING:**

Do not connect spray on/off leads to a flow system if it contains live voltage. Connection to a DC voltage will damage the circuit.

- b. Connect **CC**'s spray on/off switch cable leads to the provided momentary lever switch **CO** (Figure 1b). Use the switch in conjunction with your spray system on/off controls to synchronize actual spraying with the spray data collection functionality of G4. See also step 5, “Connecting to the flow control port.” page 14.
- c. (Optional) Connect **CC**'s swath advance cable leads to push switch **CP** to control swath advances remotely.

### 2. Connecting the lightbar cable.

- a. Connect the Conxall connector of the lightbar cable **LB** to the CPU port labeled ‘LIGHTBAR’ (Figure 2).
- b. Connect the metal Bendix connector on **LB** to the matching connector on the back of the lightbar.



Figure 1a: GPIO cable 051-0301-000# and CPU ‘GPIO’ port

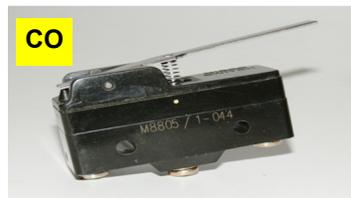


Figure 1b: Lever switch 075-4001-000#



Figure 2: Lightbar cable 051-0298-000# and CPU ‘LIGHTBAR’ port

3. **Connecting the antenna cable.**

Connect the antenna cable **CD** between the socket on the left side of CA (Figure 3).



Figure 3: Antenna cable 052-0005-000# and CPU antenna connection

4. **(Optional) Connecting a keyboard and/or mouse.**

For troubleshooting purposes, for example, you can connect a keyboard and a mouse directly or indirectly (through an extension cable) to the USB ports on the side of the CPU or to the USB hub (Figure 4).



Figure 4: USB ports for input devices

5. **Connecting to the flow control port.**

Connect the cable that comes with your flow control system—IntelliFlow or IntelliGate—to the flow control port (Figure 5).



Figure 5: CPU 'FLOW' port and flow control cable

6. **Connecting the video (VGA) cable.**

- Connect the Conxall connector on video cable **SB** to the CPU serial port labeled 'DISPLAY' (Figure 6).
- Connect the other end of **SB** to the connector on the back of the touchscreen.

**NOTE:** Ignore references to the U-shaped bracket on the orange information label—they are not applicable.

7-i. **About the power cable harness.**

The power cable harness **CE** includes a power panel (**CG**) that has (Figure 7-i):

- An ON/OFF switch (**CH**) with a built-in 12 A (max) circuit breaker that prevents voltage spikes and reverse polarity from damaging the system.
- A dimmer switch (**CI**) and knob (**CJ**) to control the lightbar's brightness.

**NOTE:** *CE's ON/OFF switch powers the CPU and the touchscreen. The dimmer switch on the power panel controls lightbar brightness.*



Figure 6: Video (screen) cable 054-0140-000# and CPU 'DISPLAY' port



Figure 7-i: Power cable harness 054-0139-000# and CPU 'POWER' port

**7-ii. Connecting the power cable harness.**

- a. Connect the Conxall connector of power cable harness **CE** to the CPU port labeled ‘POWER’ (Figure 7-ii).
- b. Connect the red and black power leads to a suitable power source that can supply between 10 and 36 V.

**⚠ WARNING: Power cable: source and polarity.**

- Do not connect to a power source of less than 10 V.
- Do not use a cigarette lighter as a permanent power source.

*Do not reverse the polarity of the power leads—incorrect installation can damage the system. Connect RED to POSITIVE (+) and BLACK to NEGATIVE (-).*

**⚠ WARNING: Power cable: and CEMF**

*A potential problem when installing an electronic system in any vehicle is counter electromagnetic force (CEMF). CEMF is caused when relays or solenoids connected to the common aircraft DC power bus are de-energized. The voltage produced may exceed 400 V. CEMF can be produced by equipment such as:*

- Electric fan brakes and air conditioners
- Starter relays and electric pump relays

*To eliminate CEMF, install diodes at the relays and solenoids that cause the CEMF and at the power supply cable connection of the G4 system. Use a 47 V, 5 W Zener Diode (1N5368 or equivalent).*

**8. Connecting the comports cable.**

The comports cable **CF** comprises three comport connectors for peripheral items that interface with the G4, connections for future development, backup/supplementary relays, and 12 V connections and grounds for easy power hook up to peripherals.

- a. Connect the Bendix connector end of **CF** to the CPU port labeled “COMPORTS”.
- b. Use the three comport connectors to connect to peripherals that interface with the G4, such as AgLaser, AIMMS 20, AutoCal, a satellite modem.
- c. Use relay #1, C2 and C1, and its ground connector, as backup/extra relay for the automatic spray on/off function.
- d. Use **CF**’s two 12 V out connections and grounds as convenient power sources for peripherals.



Figure 7-ii: Power cable harness 054-0139-000# and CPU ‘POWER’ port



Figure 8: Comports cable 051-0299-000# and CPU ‘COMPORTS’ port

9. **Installing the USB panel mount and connecting the USB extension cable.**

The G4 system comes with a 4 GB USB drive (CK) for transferring files (and a USB drive [CQ] with MapStar loaded). To provide easy access to one of the CPU's USB side ports, box 900-1057-000 includes USB socket panel mount CL and extender cables UA and UB (Figure 9).

- a. Using your own hardware, attach panel mount CL accessibly to a cockpit surface with gasket CM between the panel mount and the mounting surface.
- b. Install extender cable UA or UB between the panel mount and one of CA's USB side ports.

**NOTE:** *You can use the other USB side port for a peripheral device such as a wireless modem, tracking device, keyboard or mouse.*

10. **Powering the system.**

The ON/OFF switch on the power panel (CG provides power to the CPU and to the touchscreen (but note that the touchscreen has its own ON/OFF power button, which works so long as the lever switch is ON—Figure 10). See step 7-i, "About the power cable harness." on page 14 and step 7-ii "Connecting the power cable harness." on page 15).

- a. Turn on the aircraft's main power source (aircraft battery, generator, other) and set the ON/OFF lever switch on the power panel to ON. This powers up all components.
- b. When the system is powered up it will start the Windows-based IntelliTrac software.

**NOTE:** *Refer to the IntelliTrac Quick Reference Guide (875-0313-000, supplied with this kit) and the IntelliTrac User Guide (875-0308-001) for detailed descriptions of the software features and step-by-step instructions on how to use them for basic and advanced operations*

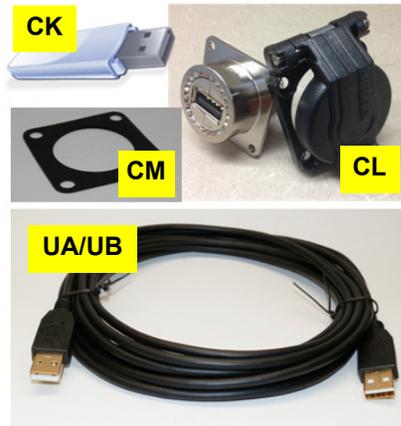


Figure 9: USB panel mount and cover, gasket and extender cable

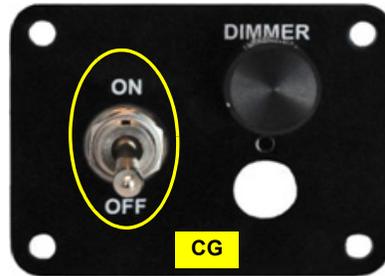
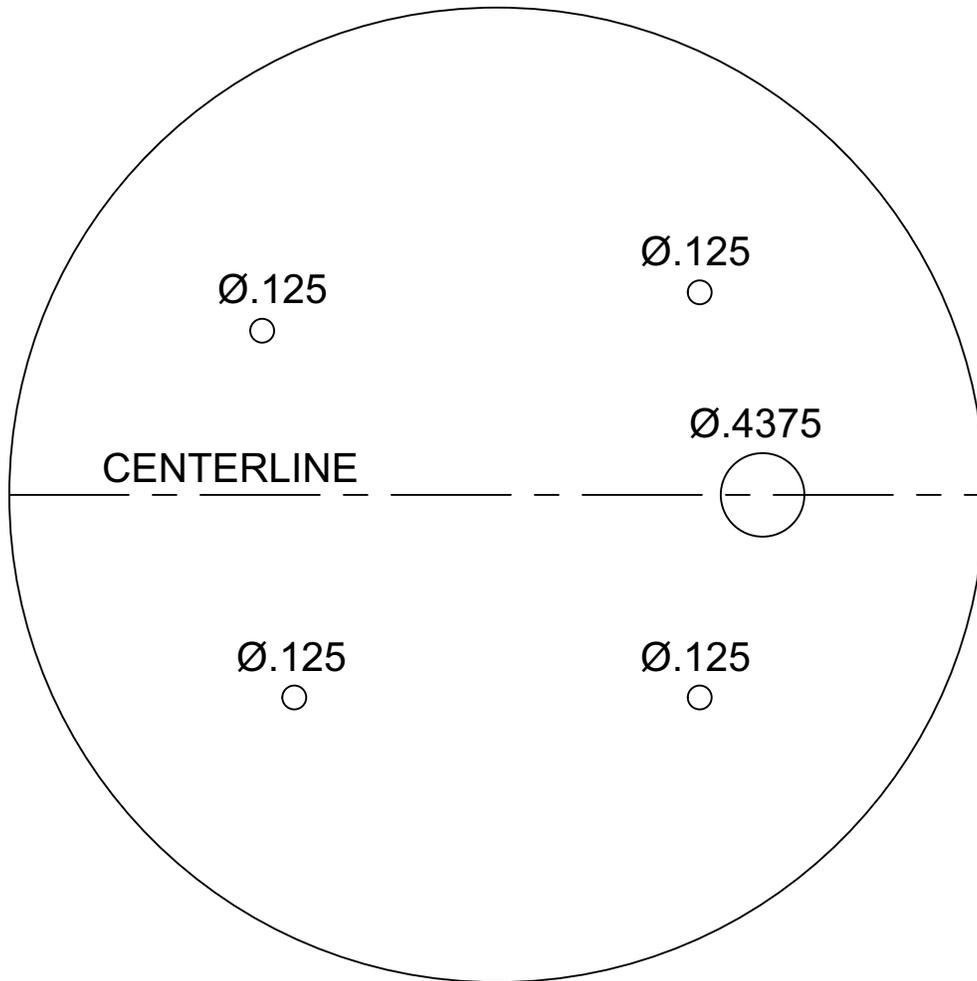


Figure 10: 'Power panel' of power cable harness 054-0139-000#

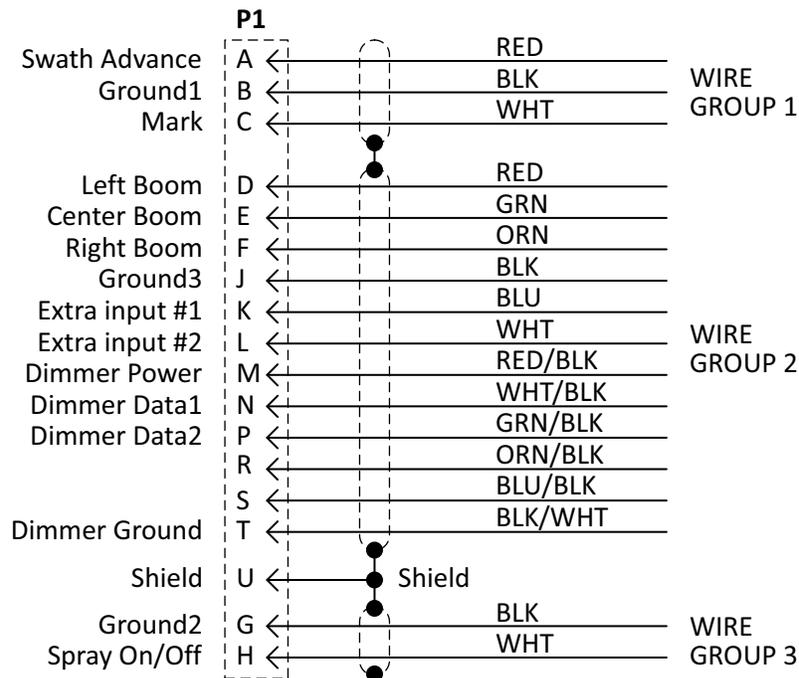
# Appendix A: Antenna Mounting Template



# Appendix B: GPIO Connections

## To connect the GPIO cable (all items optional)

1. Connect the Bendix connector end of cable (part number 051-0187-000#) to the CPU port labeled “GPIO”.
2. Using cable wire group 1, connect the Swath Advance (red) and the Mark (white) wires to each of the two PNL PSH SPDT 125V 6A RB (part number 075-4002-000) switches. Also connect the Ground 1 (black) wire to both of these switches (or existing switch in aircraft stick).
3. Using cable wire group 2, connect the Left Boom (red), Center Boom (green), and Right Boom (orange) wires to each of the three TGL SPST 15A SCR TERM (part number 075-3022-000#) switches. Also connect the Ground 3 (black) wire to both of these switches (or existing aircraft switch).
4. Using cable wire group 2 to connect to the Encoder (part number 075-0033-000#) switch.
  - a. Connect the Dimmer Power (red/black) wire to the red wire of the Encoder.
  - b. Connect the Dimmer Data1 (white/black) wire to the orange wire of the Encoder.
  - c. Connect the Dimmer Data2 (green/black) wire to the yellow wire of the Encoder.
  - d. Connect the Dimmer Ground (black/white) wire to the green wire of the Encoder switch.
5. Using cable wire group 3, connect the Spray On/Off (white) and the Ground 2 (black) wires to the STR-LEVER SPDT MOM CONT PST 15A SLDR LUG (part number 075-4001-000#) switch (or alternative switch).



# Appendix C: Spray OFF Cable Connections

