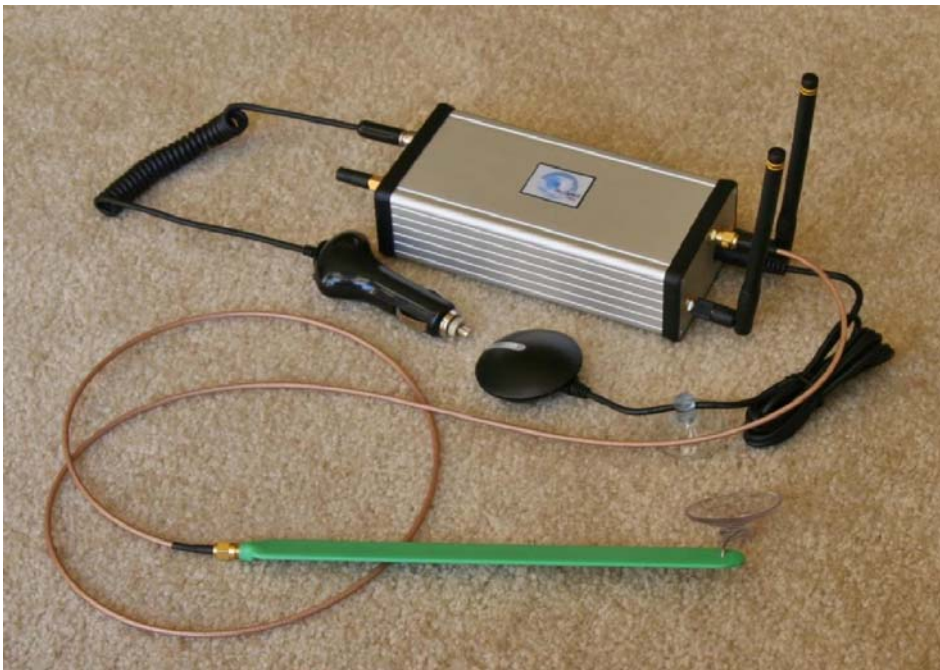


SkyGuardTWX "978 UAT/1090 ES" ADS-B Transceiver Setup

This Transceiver is a fully integrated 978mhz UAT and 1090mhz ES radio transceiver along with a WAAS GPS and WiFi transmitter. The unit is powered on by plugging the provided DC charging adapter into any aircraft charging socket that provides either 12v or 24v DC. There are 4 antennas (1 long on 4 ft. coax, 2 long and 1 short) and a GPS receiver that must be installed **prior to powering up the transceiver**. The GPS receiver "puck" is plugged into the ADS-B transceiver with the "arrow" on the GPS plug pointing up. The 2 longer black ADS-B receiver antennas are attached to the outside coax connectors adjacent to and at same end as the GPS plug. The 4 ft. coax cable with long external antenna is attached to the center coax connector at the same end as the GPS plug. The shorter WiFi antenna and the DC power adapter plug are connected to the opposite side of the receiver. See photo just below:



Important Pilot Advisory Note Regarding Safety of Radio Frequency Energy

Safe use of this device requires care as to the placement of the long external antenna. Place this antenna at least 20 cm (8 inches) away from any part of your body or that of other cabin occupants. Only handle the antenna when power is disconnected. Advise your passenger(s) to avoid contact with the long antenna. Retain these instructions with your maintenance logs/files and for future reference.

- After all antennas, GPS, and power adapter are connected, power up the receiver.
- On your Apple device, go into "Settings" and turn ON Airplane mode.
- While in "Settings", turn on WiFi and after a brief search, a WiFi hot spot will appear showing "SkyGuardTWXxx" where "xx" is a numeric value specific to your ADS-B transceiver.
- Select this hot spot by tapping on it's name.

- Wait for approximately 10 seconds for the Apple device to establish a connection to the ADS-B transceiver over WiFi. If a connection is not established, turn off your WiFi on the Apple device and power cycle the transceiver. Then try again.
- Close “Settings” on the Apple device.
- Select either WingX Pro 7 or SkyRadar Pro Flight App. on the Apple device.
- Configure the selected App. to connect to the ADS-B transceiver. Refer to the specific setup configuration as provide with the Flight App.
- You are now ready to transmit your GPS location and receive/display any UAT Weather/Traffic and additional 1090ES Traffic on the moving map of either of these Apps.
- There is an additional app. on the Apple App. Store under SkyGuardTWX that will allow preflight setup and inflight control of the SkyGuardTWX Transceiver. This app. allows setting/changing of the specific aircraft parameters for which the transceiver is contained. Be sure to download/install this app. to your Apple device and configure the parameters prior to your first flight. Each time the Transceiver is powered up, it must first be configured with the appropriate parameters using the SkyGuardTWX app.
- In order to maximize reception, it is best to place the transceiver on the aircraft glare shield. If this is not possible, or you have a non-metal skin aircraft, you can place the transceiver anywhere. However, always place the long antenna at least 20 cm (8 inches) from any part of yourself or any passengers.

FCC Compliance Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an Public/uncontrolled environment.

WARNING: This transceiver is to be used to improve pilot situational awareness only and as a navigational aid. It is not intended for use in IFR flight conditions. SkyGuardTWX LLC is not responsible for the transceiver's end use and will not be held liable for any events occurring from the use of the transceiver.