

Physical Mounting:

Select a mounting location where the unit is easily accessed. Mount the unit in the desired position using the provided Trunnion mount or flush mounting kit. See Figures 1.2 and 1.3.

Power supply wiring:

CAUTION: Make sure that the provided fuse holder is installed on the power cord between the radio and the power source, and that the proper sized fuse (7.5A) is installed.

Use a 12 volt +30%/-10% (10.8 to 15.6VDC) DC power source for proper operation. Do not exceed 16.0 volts. Direct connection to the battery is recommended. Connect the heavy red wire, **with in-line fuse installed**, to the positive (+) terminal and the heavy black wire to the negative (-) terminal. Negative ground is required for the USA/Canada version of the SEA 157S.

CAUTION: If the polarity of the power wires is reversed (Black to positive, Red to negative), and power is accidentally applied to the radio, the in-line fuse will blow. It is possible that damage could also occur to some internal components. Application of voltages greater than 16.0 volts will produce the same result. (Refer service to a qualified technician.)

Antenna installation and RF Exposure Safety Warning:

To comply with FCC Limits for Human Exposure to Radiofrequency Electromagnetic Fields for General Population/Uncontrolled Exposure, the antenna must be mounted in such a manner as to prevent passengers or personal from coming within 1 meter (39.4 inches) of the radiating portion of the antenna. (Re: FCC OET Bulletin 65, Section 4, Public Exposure)

Antenna wiring:

Use only the best available 50 ohm coaxial antenna cable and connectors. The antenna must be vertically polarized. Check the antenna system for less than 1.5:1 VSWR with an in-line wattmeter before final installation. The antenna cable PL-259 connector should be tightly fastened to the antenna connector on the back of the unit. All antenna connections should be carefully protected from the weather.