

SolarSkies Frequently Asked Questions

Q. How does the SPV cool the plane?

A. The SPV pulls air in through the plane's fresh air vents and exhausts hot air out through the vent window.

Q. Will the SPV cool the plane below outside the temperature?

A. No, the SPV is designed to keep the inside of the plane as near ambient temps as possible by exchanging air in the plane every few minutes.

Q. Will the SPV be a drain on the airplane's battery?

A. No, the SPV is powered independently by a solar panel and is not normally attached to the aircraft's power system.

Q. Can the SPV operate without the solar panel?

A. No, the SPV was designed to be used only with the provided solar panel. If the SPV is used without the solar panel it will not work properly.

Q. Where do I place the Solar Panel?

A. The solar panel is extremely lightweight and flexible and can be placed anywhere it makes the most sun. A good spot to place the panel is directly on the glare shield, provided the plane is parked so it will receive direct sunlight.

Q. Will the SPV run during the night?

A. No, the SPV does not have any batteries so when the sunlight becomes too dim to generate enough current, the SPV's fan will quit turning. When the sun is not shining, the need to exchange heat from the plane is not present either.

Q. What types of planes can accommodate the SPV?

A. Currently, the SPV is formed for Piper Aircraft, fitting all models from the Cherokees to the Senecas. The SPV will soon be ready for more Piper models, as well as many other types of aircraft like Mooney, Diamond, Bellanca, Beechcraft and any plane that has some form of call window. ([Framed Compatibility Table](#)) ([Frameless Compatibility Table](#))

Q. Is there any special mounting or alteration needed to use the S

A. No, the SPV installs and removes in seconds directly in the planes vent window and ut vent window's latching hardware.

Q. Can I leave the solar panel outside?

A. Yes, the panel is water-resistant and can even withstand freezing temperatures.

Q. How much power does the panel produce?

A. The panel that comes standard with the SPV produces 433mA @ 12V. Additional or la panels may also be purchased when more power may be desired.

Q. Can the solar panel be used for other things?

A. Yes, the panel may also be used to charge the airplanes battery, power a cell phone, G handheld radio, computer and much more.

Q. What is the weight of the SPV and Solar Panel?

A. The SPV and the Solar Panel weigh about a half pound each.

Q. Can I leave the SPV in the plane while it is raining?

A. Yes, the SPV uses a gasket to form a weather proof seal which is as secure as the close When rain clouds appear, they restrict the sun's rays and prevent the SPV's fan from turr bringing in damp air.

Q. Can I taxi or fly with the SPV in the window?

A. No, the SPV is a REMOVE BEFORE FLIGHT item, but you may still leave the solar p the glare shield and power a laptop, GPS, hand held transceiver etc.