

Winter time reminder

Dear all Xenon owners,

I would like to remind you about the winter procedures and limitations.

As the temperature drops, it is likely advised to look more carefully on your engine temperatures. It is recommended to hide partially radiators to keep the correct temperatures. Too cold, an engine is not efficient. Make test by rising the oil radiator until you reach correct values. For the water radiators, use carton or a soft material to hide the bottom radiator. Between 0 and 10 degree 1/3 to 1/2 is necessary. For the atmospheric engines if you are equipped with airbox temperature, be aware of possible carburetor icing. If it happens in flight, reduce power and altitude until ice melts, then power will come back. Putting more power will only increase the problem.

Also, some of you may find some strange vibrations passing 145 / 150 km/h, it is normal and due to the temperature differential on the blades, the profile giving lift also creates a Delta temperature of -20 degree C. The blades are then in negative temps, making them more rigid. The cold air also tends to spin the blades faster, and above 380 RPM blade tip speed is high giving some vibrations. Same for the mast that gets more rigid.

We recommend in those conditions to reduce speed. We will try to find a technical solution to keep flying fast in very cold temperatures.

Fly safe and sound.

R. CELIER