WMI offers a full suite of airborne cloud seeding equipment. All equipment comes with a firing/ignition control designed for potential interface with event-recording and/or data systems. WMI installations are FAA-approved.

**Solution-Burning Ice Nuclei Generators**

These “wing-tip burners” have been popular with many projects because they allow the continuous release of solution over sustained periods, which can be helpful in some circumstances. Seeding rates are obviously significantly lower than those achieved with glaciogenic pyrotechnics.

This WMI generator may visually resemble those offered by others, but the re-designed flow system is less prone to clogging, and hence more reliable. In addition, the WMI generator has a pressure relief valve, making it possible to “dump” prior to landing, the pressurized air that forces the solution through the burner. The ensures that WMI never have to land with ignited or pressurized burners.

The WMI “wing-tip” burner is comprised of three sections: The pressurized tank (front), the seeding solution reservoir (center), and the combustion chamber (rear). Click image to enlarge.

WMI has experience installing these generators on many aircraft types. Each generator can seed continuously for about 2.5 hours per day. Click image to enlarge.