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WEATHER MODIFICATION, Inc.

ATMOSPHERIC RESOURCES MANAGEMENT TECHNOLOGIES
FOR THE 21ST CENTURY

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AIRBORNE SEEDING EQUIPMENT WING-TIP ICE NUCLEI GENERATORS

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

Solution-Burning Ice Nuclei Generators

These "wing-tip burners" have been popular with many projects because they allow the continuous release sustained periods, which can be helpful in some circumstances. Seeding rates are obviously significantly lowe glaciogenic pyrotechnics.

This WMI generator may visually resemble those offered by others, but the re-designed flow system is le clogging, and hence more reliable. In addition, the WMI generator has a pressure relief valve, making it pos to "dump", prior to landing, the pressurized air that forces the solution through the burner. The ensures tha 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 ge seed continuously for about 2.5 hours pe Click image to enlarge.

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