

# Course on Applied Weather Modification



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**Dr. David J. Delene**

# Educational Background

**Michigan Technological University, Houghton, MI**

**September 1989 - May 1993**

**Bachelor of Science in Applied Physics, GPA 3.53/4.0**

Emphasis on Computational Physics

**Michigan Technological University, Houghton, MI**

**September 1993 - August 1995**

**Master of Science in Geophysics, GPA 3.62/4.0**

Thesis: Remote Sensing of Volcanic Ash Clouds Using Special Sensor Microwave Imager Data

**University of Wyoming, Laramie, WY**

**September 1995 - December 1998**

**Ph.D. in Atmospheric Science, GPA 3.43/4.0**

Dissertation: Vertical Profiles of Cloud Condensation Nuclei at Midcontinental Sites Through the Development and Use of a Balloon-borne Instrument



# Research: Aircraft Field Projects

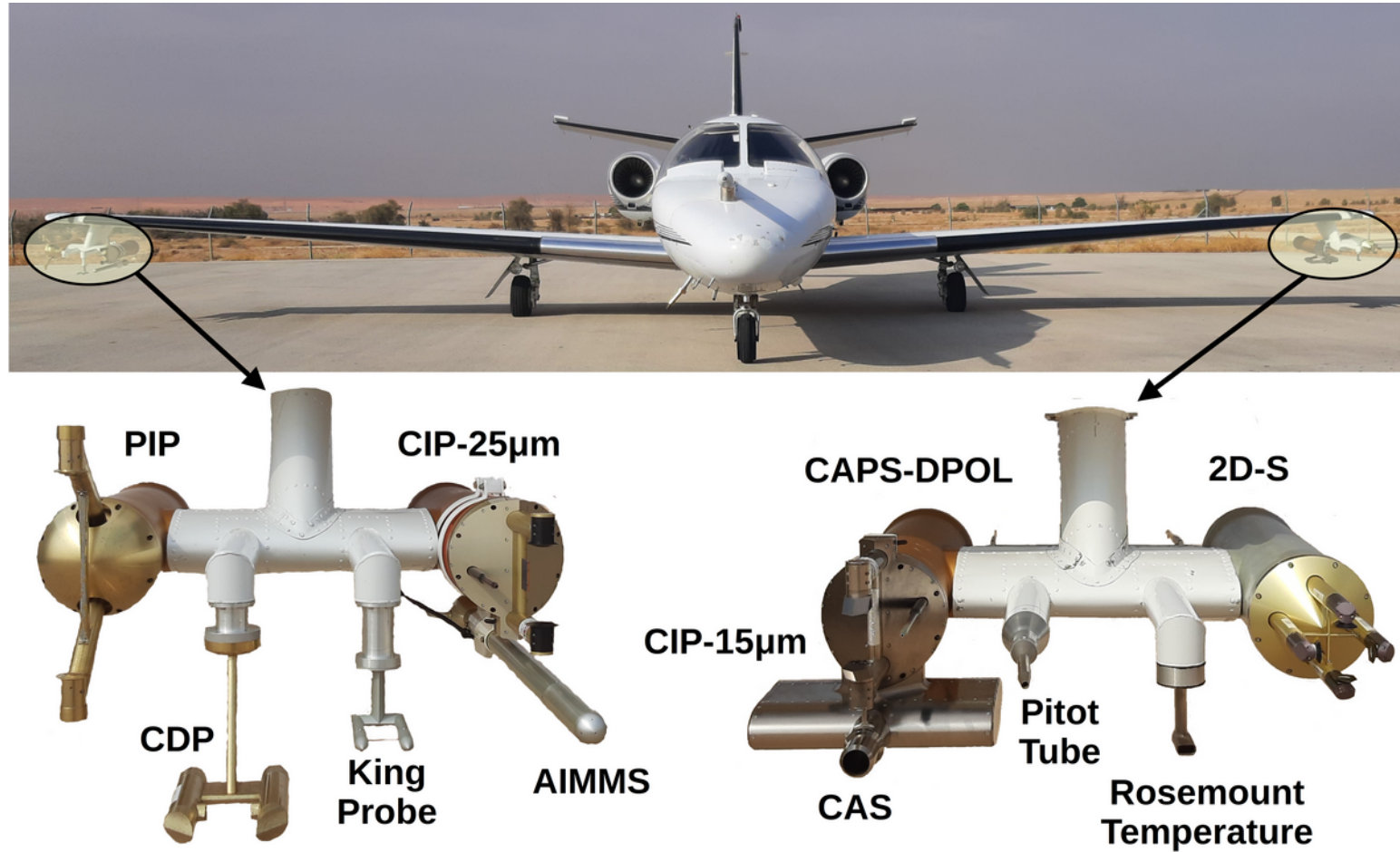


Image showing the wing probes used during the SARPEC field projects in 2023 and 2024.

# Scientific Publications

THE JOURNAL OF

## Weather Modification

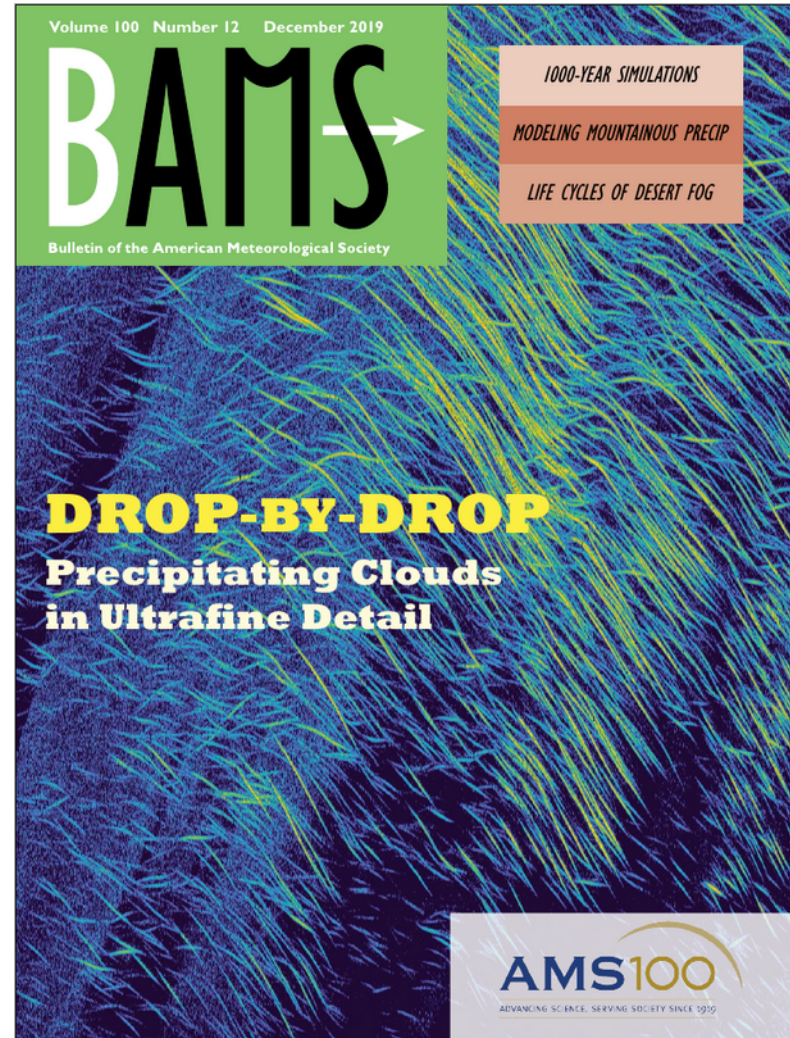
VOLUME 44 APRIL 2012 WEATHER MODIFICATION ASSOCIATION



Light at the end of the tunnel – April 2011

**Weather Modification Association**

*Promoting research, development and understanding of  
weather modification for beneficial uses*





# Welcome: Let us start the journey!

- Can we change the weather?
  - What are your questions?
- Not enough rain.
- Hail damaged my crops.
  - What problem can weather modification address?



# Learning: What strategies are successful?

- What has worked for you in the past?
- What has been your best, and worst, class that you have taken?
- What can you do to be successful in the course?

