

THE PRINCIPALS

➤ **Robert Eatwell – General Manager**

Engineering coordinator for the research modifications, with over 45 years' experience in aviation worldwide including 16 years working with atmospheric research platforms.

➤ **Lawrence Radke – Chief Scientist**

Has more than 30 years' experience in atmospheric research and has published in excess of 100 papers in the scientific literature, mostly the results of using instrumented aircraft to study geophysical phenomena.

➤ **Charles Smeltzer – Assistant Scientist and Technician**

Responsible for data analysis and software interfaces. Graduate of the University of Washington in Atmospheric Sciences. Currently studying for his doctorate at Georgia Tech.

➤ **Gary Bendall - Engineering and Flight Coordinator**

Responsible for the company's logistics and airworthiness of the European Fleet. He also has 30 years' experience in aviation.

➤ **Alex Dunn – Chief Pilot**

Has over 25,000 flight hours in aircraft ranging from Piper J-3's to Boeing 747's, and flying boats to single engine jets. Retired from United Airlines after 32 years of worldwide pilot experience as Captain and check pilot. Additional flight experience includes arctic operations, bush flying, mountain search and rescue, and fighting forest fires.

Overseas Agent:

John Hooper

Present Aircraft available

with Standard FAA Airworthiness certificate.

Cessna T-337 SuperSkyMaster

Cessna 182

Aircraft operated by

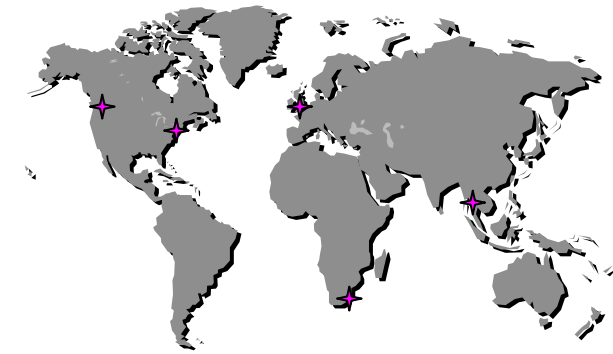
Blue Sky Aviation LLC



Member of EUFAR

Airborne Research Consultants LLC
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Airborne Research Consultants



Our Mission

Verification Through Experimentation and Observation

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AIRBORNE RESEARCH CONSULTANTS

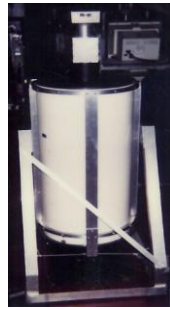
THE BEGINNING

For the past 38 years, the University of Washington conducted atmospheric research using various aircraft, pilots to fly them, engineers to care for them, and scientists to utilize them. Over those years, the scientists, pilots, engineers, and support staff gained an enormous wealth of experience, which is now available under the umbrella of the Airborne Research Consultants. It is the intention of the company to continue with the same level of dedication to the atmospheric research, which had been begun by the University of Washington.

We offer a seasoned team of aircraft operators, a technical support group, and an international scientific staff with both pole-to-pole and dateline-to-dateline operations experience and solid research accomplishments. These accumulated years of experience have culminated in a diverse, experienced team with the capability of meeting the research needs for science, government agencies, universities, and industry.

THE SCIENTIFIC EQUIPMENT

We are able to either fit your instruments onto the aircraft per your requirements and within airworthiness parameters or utilize our own. Which includes a Lidar (laser radar) pictured here. This versatile doubled YAG operates in any orientation. Once the needs of each mission are determined, our engineers, pilots and scientists will work with you to ensure



that the process of data collection will meet the project requirements. Custom instrumentation and system integration is also an option as IfAR is forging cooperative agreements with several small R&D firms for this purpose.

THE TEAM

The Flight Operations Team:

Consists of a cadre of experienced research aviators led by an Chef pilot with many years of experience in all theaters of the world. The engineering team is led by the Engineering coordinator who has 45 years' experience in international aviation engineering and maintenance, as well as twelve years of aircraft structural modifications to accommodate scientific instrumentation, while preserving airworthiness.

Instrumentation and Technical Staff:

This is the group that makes a planeload of instruments fly in formation and do science. Led by former members and consultants to the various Universities, NASA, NOAA, NCAR DoE and EPRI, this staff of professionals has decades of experience in research instrumentation and computer integration.

The company has its own calibration laboratory to keep the existing instrumentation array in tune and to provide technical support to those who wish to adapt their own scientific payloads to the reality of flight.

The Scientific Team:

A consortia of scientists with affiliations to national laboratories, major universities, and industry have joined to form a flexible core of experienced field researchers. Expertise includes atmospheric physics, remote sensing (Lidar, infrared, and microwave), cloud physics, atmospheric chemistry, meteorology, instrumentation development, numerical fluid dynamics, safety and flight hazard analysis and nearly three hundred peer reviewed research publications.

This team can provide a completely integrated research effort designed to required specifications and executed to contractual terms including publication of key results, alternatively, the science team and IfAR can play a support role to users who would rather create their own payload and lead the field experiment.

THE AIRCRAFT

The company is focused on providing its services to the underserved community that need small to moderate sized aircraft anywhere in the world either next week or all next year! Consult with us to match our fleet of owned and leased aircraft to your mission and budget.

FLIGHT OPERATIONS IN THE ARCTIC AND REMOTE LOCATIONS

The team, with its international basing and extensive Arctic and Alaskan experience can be a turnkey solution for airborne researchers needing support in truly remote locations.