

“Air Safari New Mexico” Team Info:

Parker E.C. Bradley – Project Organizer and Photographer.

B.S. Physics (1994). Graduate Work in Physics, WIU (1996). Graduate work in Aerospace Engineering, Syracuse University (1999). Graduate Research Fellow for the Air Force Office of Scientific Research (AFOSR) at Rome Labs (1996-1999). M.Ed. Tech. Lesley University (2006). Experience with multispectral imaging and multidimensional analysis/statistics. Over a decade of experience in independent technical consulting and contracting -- ranging from computer programming & network system administration, to electronic circuit design & construction, and prototype development. District Technology Trainer for the Alamogordo Public Schools (2003-2006). Aside from continued independent contracting & consulting work, since February 2007, Mr. Bradley has been the **Airport Manager for the City of Alamogordo**, at the White Sands Regional Airport in New Mexico.

Some Recent, Relevant Accomplishment Examples Related to Aviation, Photography, & Education:

- 1.) Recently received a \$100,000 grant, for the ALM Airport**, from the State of New Mexico (Energy & Minerals Dept.) for the installation of a 10 KW Solar Array at the White Sands Regional Airport. Aside from the installation of hardware, and the anticipated subsequent reduction of the Airport’s electric bill, this is also an educational program -- classes on solar energy will be provided, along with some hands-on experience in installation, plus “system vitals” will be available online and the resulting data can be used in classrooms across the state and the nation (installation to be completed this November 2008, with education programs to follow).
- 2.) Received a “Drainage Study Grant”** from the FAA (something for which they generally will not pay) for the ALM Airport in order to evaluate drainage and flooding problems and propose engineered solutions. The data from this study will be utilized in other grant applications seeking funds to build the actual improvements suggested in the study. This study is scheduled for completion this December 2008.
- 3.) Contracted for aerial photographic survey work** by NASA’s Astrobiology Team at Indiana University (2007), with a related contract coming in 2009 (pending funding); and contracted for aerial photographic survey work by the University of Texas – Austin (2008/2009).
- 4.) Designed and taught a “Rocketry for Teachers” class** – the flyer can be found here (about 500KB): <https://ssl16.pair.com/pecb/HeronAerospace/Graphics/TrainingGraphics/RocketryTeachers-0604.pdf>
- 5.) As District Technology Trainer** for the Alamogordo School District, I designed and taught many courses – providing skills and ideas to teachers and staff to implement in their classrooms. A brochure link to some of the work I did can be found here (about 10MB): <http://www.heron aerospace.com/Training/Brochures/TSSbooklet2.pdf>

Kevin Dunshee – Pilot: B.S. Electrical Engineering from the U.S. Air Force Academy (1982). M.S. Information Systems from Golden Gate University (1986). Certified flight instructor with over 25 years of military and civilian experience. Chief Flight Instructor and ground instructor at the Holloman Aero Club (1999-present). Previous U.S. Air Force Instructor Pilot. Adjunct Instructor for Embry Riddle Aeronautical University. Experience with a plethora of aircraft and copious civilian and military awards/recognition, including six world speed records over a recognized course in 1998.

Joanna Bradley – Graphic Designer: B.A. in Graphic Design, Western Illinois University. Graphic Designer for 6 years at the Syracuse Newspapers, Graphic Designer for approx. 1 year at the Alamogordo Daily News, Graphic Designer for 2.5 years at the New Mexico Museum of Space History, Graphic Designer for the New Mexico School for the Blind and Visually Impaired since August 2007. Freelance Graphic Designer for the past 5 years, to the present.