

The Tuxedo system is a Synthetic Aperture Radar (SAR) operating at 9600 MHz. The system is installed in a Sabreliner 60 experimental category aircraft and maintained and operated by Lockheed Martin Integrated Systems and Solutions based in Goodyear, Arizona. The system is used in support of government and civilian users who purchase data collection flights and data processing services throughout CONUS. Collections have been conducted at various locations throughout the CONUS, including Arizona, California, Florida, Virginia, Utah, Nevada, New Mexico, North Carolina, South Carolina, Alabama, Texas, and Michigan. The system has also operated at government ranges including Ft. Huachuca, AZ, White Sands, NM; China Lake, CA; Ft. Irwin, CA; Nellis AFB, NV; Yuma Proving Grounds, AZ; and Atlantic Underwater Test and Eval Center (AUTEC), FL; Eglin AFB, FL; Warning Areas off of San Diego, CA; Edwards AFB, CA; Military Operating Areas in Arizona and Mississippi.