AAG Conducts Flight Experiments using a 1979 Cessna R182

AAG has Access to a Second Aircraft for Multi-Aircraft Flight Experiments

N736WP is Equipped with Data Recording from Many of the Flight Instruments:

- Aspen Evolution 1000 Pro PFD
- Dual Garmin 430w Nav/Coms
- Garmin GDL-90 ADS-B
- S-Tec 55x Autopilot
- PS Engineering 8000 Audio
- JPI 930 Engine Monitor
Work with Sandia Aerospace

- Conducted TSO Flight Checks of Quattro (TSO Submitted)
- Supporting Design and Future Flight Test of Combined Mode A/C and ADS-B System
- Performed Flight Checks of Mode A/C Transponder; Now on the Market
Reconfigurable UAS vehicle to support both VTOL and efficient cruise

SAFIT Avionics Package protects aircraft from experimental autonomy systems: envelope protection, geofencing, emergency landing system, and conflict detection and resolution.
Piloted and Batch Simulations of UAS Integration in the National Airspace System for NASA

Supports RTCA SC-228 WG1: Detect and Avoid
NextGen Air Traffic Management Research

Support:
• Trajectory-Based Operations Concept Exploration
• Closely Spaced Parallel Runway Operations
• Interval Management
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