

Research Engineering and Development Advisory Committee (REDAC)
Designated Federal Official (DFO) Task Statement
Review of the Federal Aviation Administration's (FAA) Unmanned Aircraft System (UAS)
Integration Research Plan
April 16, 2018

ACTION: Review the FAA's UAS Integration Research Plan. This plan is for Official Use Only and the FAA will make subject matter experts available to the REDAC upon request.

SUMMARY: UAS research is the foundation of UAS integration activities and enables the development of informed policies, procedures, and regulations. The UAS Integration Research Plan presents a framework for managing the variety of UAS-related research activities across the FAA, industry, academia, and other agencies.

The UAS Integration Research Plan is a rolling five-year plan and updated annually. It is aligned to FAA Strategic Priorities, FAA Priority Initiatives, UAS Strategic Priorities, the Five-Year UAS Integration Approach, and the National Aviation Research Plan. It also informs and reflects the priorities and initiatives of the FAA and research partners.

TASK: Obtain industry perspectives through REDAC/subcommittees review of the UAS Integration Research Plan by recommending

1. High-value applied research areas, not addressed in the plan that the committee deems essential to support the rulemakings, standards, and procedures necessary to safely achieve the operational capabilities articulated in the plan.
2. Areas where planned activities and/or needs reflected in the plan are already being sufficiently addressed within the stakeholder community or not impactful to UAS integration objectives.
3. Opportunities to leverage relevant on-going or planned industry-led research.
4. Adjustments to research timelines in the plan, which are necessary to keep pace with industry-led technology advancements.

SCHEDULE: The FAA requests the REDAC summarize their review findings and related recommendations at the fall 2018 Full Committee meeting with a submission of its final recommendations to the FAA no later than November 1, 2018.

FOR FURTHER INFORMATION, CONTACT: Shelley Yak, REDAC Designated Federal Officer (DFO).