**FY24 RWDC National Unmanned Aircraft System Challenge: Wildfire Monitoring and Mitigation**

**Summary of Changes for National Challenge**

**January 2024**

**Version 1.0**

These changes are in the Challenge document.

* Overall Design Criteria: added local ground control and transportation.
* Active Fire Criteria: added note about a main fire coordination location.
* Merit Awards: added Best Communication Plan.

These changes are in the Detailed Background document.

* Challenge details section modified to match the changes made in Challenge document (see above)

These changes are in the Scoring Rubric.

* 2.3.1 Air Vehicle: added influence of transportation size limitation to design.
* 2.3.2 C3: modified to be clear that design includes local ground control.
* 2.6 Final Design: added drawings that show design meeting transportation size limitations.
* 3.1.1 Pre-Fire: added description of UAS assembly at deployment location including necessary equipment and time needed.
* 3.1.2 Active Fire: added description of UAS assembly at deployment location including necessary equipment and time needed.
* 3.1.3 Post-Fire: added description of UAS assembly at deployment location including necessary equipment and time needed.

These changes are in the Engineering Notebook Template.

* Updated Specification Table to include transportation size and assembly time.
* Updated relevant section descriptions to match Scoring Rubric (see above).