

STATEMENT OF WORK

1. Objective/Requirements

The sole vendor will provide research flight services to test a portable salad spinner device being designed and fabricated by KSC to effectively sanitize fresh produce, utensils, and small tools in a weightless environment. Using a fully transparent, fully contained, atmospheric pressure unit, the requirements for KSC researchers during flight experiment would be to:

- 1) Test the device operation in weightlessness.
- 2) Record the movement of small quantities of water from inside an inner rotating vessel toward the drainage ports while in microgravity conditions.
- 3) Record how much time is required for full soaking
- 4) Record how much time is required for 80% removal of the introduced liquid volume.

2. Characteristics, Scope, and Specs

The flight profile will consist of 30 parabolas (28 microgravity, 2 lunar gravity) with up to 3-minute breaks between sets. A “set” is a series of consecutive parabolas. The vendor shall perform the following duties:

- Provide the plane and pilots
- Provide experiment stowage space
- Provide high-resolution cameras inside the cabin to capture video.
- Provide service within 250 miles of KSC

3. Place of Performance

Research Flight facility in Fort Lauderdale, FL

4. Period of Performance

Testing shall be performed September 1, 2025.