NASA Mentor Protégé Program
Success Story
Orbital ATK and Florida A&M University
February 28, 2018
Contract Opportunity

- Space Launch System – Marshall Space Flight Center

- Accomplishment = Team Approach.
  - **NASA MSFC**
    - Goal Requirement
    - Mentor Protégé Program and Contractual Changes
  - **Orbital ATK**
    - Leadership Assurance
    - Technical Champion
  - **Florida A & M University**
    - Understanding and Opportunity
    - Working outside the box
Orbital ATK worked internally with Contracts and Program Management to identify a possible solution in meeting the goal requirements.

SBLO takes the lead in identifying HBCU/MI Strengths and Capabilities.

Identify a course of action that yields a return on investment. Make a good faith effort toward your goal that adds value to your contract.

Management assigns a champion from his staff.

Selection of the University.
Meetings with FAMU to discuss possible ways to contract. Decision on what to break out from the Orbital ATK contract for consideration.

- Study to optimize fabrication process flow for refurbishment, assembly and verification testing of the SLS Core Stage Attach Rings and implementation analysis.

Technical Team wrote the statement of work and reviewed with the FAMU staff to ensure they were capable of the work. Two months to negotiate T&C’s.

Contract specifics – Study needed to be completed by the end of the school year. Multiple year contract with senior class project.

Availability of Orbital ATK engineering and project lead was critical in completing the study as outlined in the statement of work. Continuous Q&A
Coordinate Expectation of Contract

- Contract is a legal binding agreement between two parties. A Mentor Protégé Agreement is an agreement for actions from both the Mentor and the Protégé.

- MPA - Orbital ATK provided training and tools to assist with the success of the study.
  - Propulsion Enterprise System Training – Improvement, Cost Save, Competitive.
  - Hardware Processing Services – Program Process Constraints.
  - Value Stream Mapping – Current Condition and Target Condition
  - Marketing Individual Development – Resume Development

- Benefits to the Mentor or Prime Contractor.
  - Benefit from the intel and knowledge of a University and associated staff.

- Protégé Benefits.
  - Real life experience working on the space program.