



Commercial Space Services

Spaceflight System  
DDT&E & Operations  
Earth Orbit & Lunar

Engineering Services

Small, Minority Woman Owned  
Business

~350 People, Six States

AS9100D:2016

ISO 9001:2015

CMMI LEVEL 3

NIST 800-171 Compliant

Facility Clearance

# Commercial Space for Small Businesses

Innovate | Explore | Protect

# Aegis Aerospace, Inc.



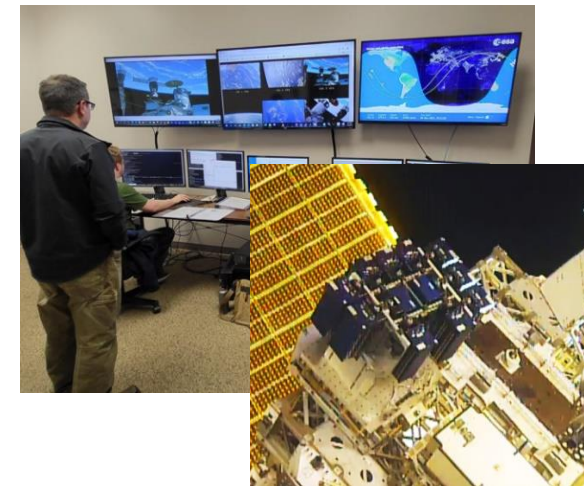
- **Minority WOSB** headquartered in Houston, TX
- **30 years** of advanced engineering services for NASA and the DoD



- **30 years** of spaceflight payload & platform DDT&E, integration & operations. Over 2.5M hours of payload operations
- **Leading provider of Space Testing as a Service (STaaS™)** in the *commercial, civil, and military* space domains
  - Integrate & launch at least twice/year (MISSE+USSF); continuous operations
  - Highly competitive, efficient & customer friendly
- **Three Lunar Prime Contracts**
  - Two new STaaS facilities, NASA Deep Space Logistics Services (Gateway)



Aegis developed SPTSat-4  
Deploys from ISS



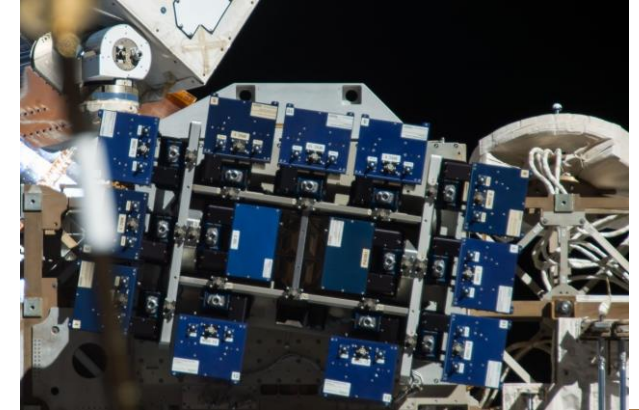
MISSE Commercial Operations

Photos Courtesy of NASA



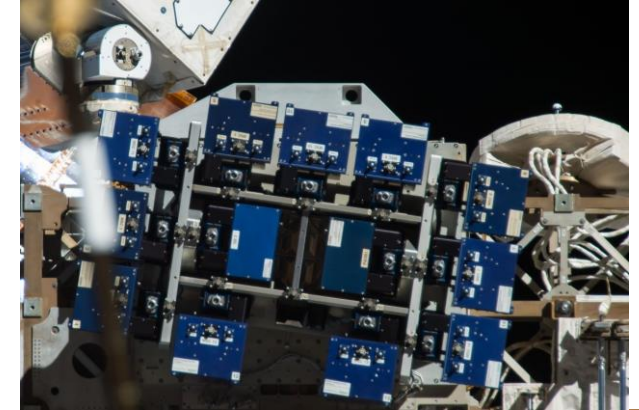
# Alpha Space Key Milestones

- Founded in 2015 to commercialize materials testing in space
  - Spinoff company from MEI Technologies, Inc.
- 2015-2018:
  - Negotiate several Agreements & Contracts with NASA & ISSNL
  - Set up the business systems
  - Set up the quality system
  - DDT&E, flight certs, & CONOPs of new MISSE, POCC, & Integration Facilities
  - Marketing and business development
  - Initial contracts with commercial & gov't customers



# Alpha Space Key Milestones Cont.

- April 2018: Launch MISSE Fixed Facility + 5 Carriers
  - Six month launch/return cadence ever since
- 33 MISSE carriers and >1000 individual experiments and samples flown so far
- MISSE Avionics Upgrade approved and funded mid-2019, installed and fully commissioned July 2021
- Significant additional private investment



# STaaS Customers



Martin Materials  
Solutions



**NORTHROP GRUMMAN**



**L3HARRIS™**



**OZIC**  
OZARK INTEGRATED  
CIRCUITS INC



**ALTADEVICES**  
A Hanergy Company  
EMPOWERING AUTONOMY™



Georgia Institute  
of Technology



Discovery Semiconductors, Inc.  
We Chip the Future™

TEXAS  
MICROELECTRONICS  
CORPORATION



**PURDUE**  
UNIVERSITY



**MANCHESTER**  
1824  
The University of Manchester



Lunar & LEO  
Lunar



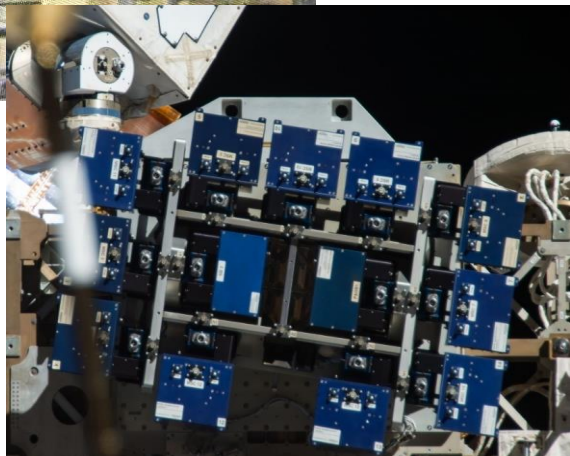
INNOVATE | EXPLORE | PROTECT



# Space Testing as a Service (STaaS)<sup>TM</sup> : A NASA Partnership Success Story



MISSE on the ISS



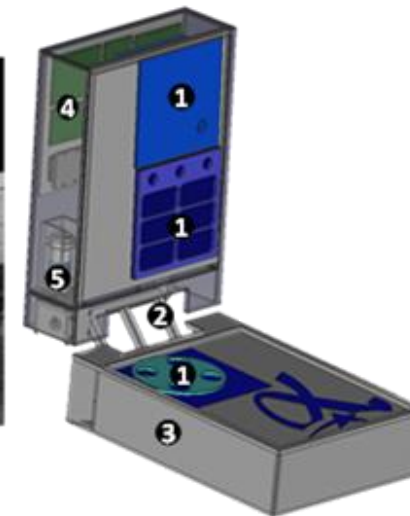
Delivery This Summer  
CLPS 19D Launch



Space System Test & Evaluation  
Facility – 1<sup>st</sup> Flight (SSTEF-1)



SSTEF-1 mounted on  
Nova-C lunar lander



Upcoming PDR  
2025 Launch









*Thank you!*

Mark M. Gittleman, P.E.  
President & CEO  
[Mark.Gittleman@AegisAero.com](mailto:Mark.Gittleman@AegisAero.com)



Aegis Aerospace

HQ: 18050 Saturn Lane, Suite 300 Houston, TX 77058  
Phone: +1 281.283.6200 | Fax: +1 281.715.4016

[www.AegisAero.com](http://www.AegisAero.com)