

# THE VELOCITY REPORT

*Greetings To All!*

As the year 2011 is coming to a close, we would like to extend a warm thank you to all our customers for your continued support. 2011 was a huge success. We have had an outstanding year of growth and achievement, and we look forward to what 2012 will bring.

## Products in the News

AASC is pleased to have been a part of these successful programs

### DAWN Spacecraft



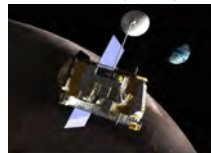
NASA's Dawn Spacecraft arrived at the main asteroid, Vesta on July 16, 2011, and will orbit Vesta until July 2012

### Mars Science Laboratory (MSL)



NASA's Mars Science Laboratory was launched on November 26, 2011

### Lunar Reconnaissance Orbiter (LRO)



The LRO topographic maps of the moon, released in 2011, are the highest resolution ever created.

### Boeing P-8A



Boeing's first production P-8 made its initial flight on July 7, 2011.

### Northrop Grumman E-2D Hawkeye



E-2D Advanced Hawkeye Program Completes Successful DAB Review on April 14, 2011 and a successful launch at the EMALS test site at Lakehurst, NJ on September 27, 2011.

### Boeing GPS IIF-2



The first GPS IIF-2 Satellite launched successfully from Cape Canaveral Air Force Station on July 18, 2011

## 2011 Accomplishments

### New Facilities

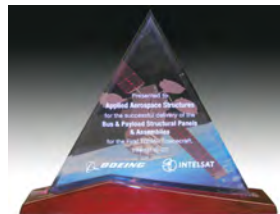
AASC's new building 8 is complete and fully operational. The building has brought 28,000 more square feet of manufacturing area, which includes 2 Class 100,000 Clean Rooms and Controlled Contamination Rooms for layout. This brings the entire AASC facility up to 271,000 square feet.



AASC Building 8

### Awards

AASC received recognition for outstanding support from Boeing Satellite for the successful delivery of the Bus & Payload Structural Panels & Assemblies for the first 702MP Spacecraft, Intelsat IS-22.



### Certifications

AASC was proud to be certified to AS9100 Rev C in April 2011. AASC is only 1 of 90 facilities (approx. 40 companies) worldwide to have received the Rev C certification. After acquiring the Rev C certificate, the AS9100 6 month assessment was conducted on November 3, 2011. This audit was a complete success with ZERO findings.

AASC also continues to maintain NADCAP certifications for:

- Non-Destruct Testing
- Chemical Processing
- Composites Fabrication

### 6S Implementation

AASC has implemented a 6S Program on the manufacturing floor. 6S adds safety to the lean 5S principles of Sort, Set in order, Shine, Standardize and Sustain. This system is visible for all to see via bulletin boards in each manufacturing area. The system is expected to increase efficiencies, reduce accidents, improve quality and provide for a clean and safe working environment.



### Static Load testing on the Intelsat IS-27 Bus Module successfully completed

AASC successfully completed static load testing of the Intelsat IS-27 Bus Module in August 2011. The 702MP Bus Module satisfied the Intelsat programs test criteria for acceptance. The test consisted of four load cases, with as many as 20 individual loads being applied to the structure during each load case. The Bus Module was within the specified dimensional tolerances during testing.



IS-27 Buss Module in Static Load Testing

### Taurus II Components Delivered

AASC successfully delivered the first two ship sets of all six structural components for the Taurus II Launch Vehicle to Orbital Sciences for integration.

Taurus II Launch Vehicle



### Holiday Plant Closure

AASC will be closed for the holiday beginning at 2 pm, December 23, and will re-open at 7am, Monday, January 2, 2012.

**Have a safe and happy holiday!**