

The Next Stage

VOLUME 21, ISSUE 1

Newsletter of The Huntsville Division Alumni Association

MARCH 5, 2016

You Are Cordially Invited

To: The Annual HDAA Breakfast

Where: Brookdale Place, Jones Farm, 2815 Carl T Jones Dr SE, Huntsville

When: Saturday, March 19, 2016, 8:30 Visiting Time, 9:00 Buffet Served!

Cost: \$7.00 per person

What: Breakfast casserole, bacon, sausage, hash brown potatoes, biscuits, gravy, muffins, fruit, juice, coffee. (mmm...Shouldn't type this on an empty stomach!)

Please submit your paid reservations to HDAA, P O. Box 4185, Huntsville, AL, 35815-4185 by Monday, 14 March 2016, so a good reservation count can be provided Brookdale for preparation of our scrumptious meal.

Don Royston, committee Chairman, works hard to make this a successful event every year...and, we haven't been disappointed! We hope you consider joining us for this fun event. Let's share a little camaraderie and visit a while over a hot cup of coffee! *See you there!*

ORBITAL ATK SUPPORTS SUCCESSFUL LAUNCH OF NATIONAL SECURITY SATELLITE

A United Launch Alliance Delta IV rocket successfully launched a classified satellite, designated NROL-45 (U.S. National Reconnaissance Office) from Vandenberg AFB, CA, in support of a national defense mission.

Orbital ATK contributed two Graphite Epoxy Motors-60 (GEM-60), large composite structures and the propellant tank and nozzle for the main engine.

The GEM-60s burned for 90 seconds and provided more than 560,000 lbs of thrust. The key composite structures provided lower weight and higher performance for the launch. The Orbital ATK nozzle thermal protection material is capable of shielding the nozzle from extreme heat of launch, which can exceed 4,000°F.

(Excerpt from www.orbitalatk.com/news-room, dated 2-11-16)

ORBITAL ATK COMPLETES CARGO DELIVERY MISSION TO INTERNATIONAL SPACE STATION FOR NASA

This marks the 4th successful cargo delivery mission (OA-4) to the International Space Station. Orbital ATK's CygnusTM spacecraft delivered 7,7000 pounds of cargo to the ISS, the largest cargo shipment to date by a commercial company.

The CygnusTM that carried out the OA-4 mission unberthed from the ISS on 2/19, completing a 72-day stay at the orbiting laboratory. Prior to its departure, the astronauts loaded the cargo module with ~3000 lbs of items for disposal. CygnusTM performed a safe reentry into the Earth's atmosphere, successfully concluding the mission.

By the end of 2018, Orbital ATK is scheduled to have completed 10 Commercial Resupply Services to the ISS.

(Excerpt from www.orbitalatk.com/news-room, dated 2-22-16)

Next Board Mtgs:

(2nd Thurs each qtr)

Jan 14, Apr 14,

Jul 14, Oct 13, 2016

2:30 pm (note change

from 5 p.m.), Faith

Presbyterian Church,

SE corner of

Whitesburg/Airport.

Join your Board to help plan upcoming events and possible other activities!

Dates to Remember:

2016

3/19: Spring Breakfast
Brookdale Place

-6/4 Summer Picnic

Green Mtn Nature Tr.

-Fall Dinner TBD

-Christmas Party TBD

Specific details will be provided closer to the date of the event.

Hope you'll join the fun and camaraderie!

Come Join Friends for the wonderful events!

Monthly:

1st Wed: Ladies

lunch, 11:00, Gibson's
BBQ/S. Mem. Pkwy.

Call Joyce/539-4338
for details.

2nd Tue: Breakfast at
Mullins/Andrew

Jackson Way, 07:30.

Call Bill Russell at 650
-5400 for details.

3rd Wed: Lunch at El
Palacio, 12:00. Call

Jim Gasaway/353-
7199 for details.

Come Join the Fun!