

# Scope of Influence Wallops Complex

Julie Wheatley, Executive Director  
Delmarva Freight Summit: June 24, 2015



# Location



# Current Tenants









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NASA

Wallops Flight Facility

Number of Trucks  
Unloaded: 1,933

Total number of Pieces  
Received: 26,667



Receiving



NASA / Wallops Flight Facility

Orbital Sciences Corp.'s first Cygnus cargo carrier pressurized module arrives at NASA's Wallops Flight Facility on Aug. 23 ahead of preparations for a February 2012 test flight to the International Space Station.

85 shipments

344 pieces

146,732 lbs



Shipping via Air





195 shipments

669 pieces

1,139,315 lbs

Shipping via Truck



The 90-foot-long first stage of Orbital Sciences' Taurus II rocket arrived at the NASA Wallops Flight Facility after a journey that began Oct. 8, 2010 in Ukraine, continued across the Atlantic Ocean to Wilmington and finally traveled Delmarva's highways to Wallops.

Rocket Engine Delivery

# Vessel to Truck

8:00 a.m. the rocket assembly passed through the intersection of Route 13 and Route 113 in Pocomoke City, Maryland headed for Wallops Flight Facility in Virginia just a few miles south.



# Shipping via Truck

5 shipments

8 pieces

138,500 lbs

Hampton Roads Crane & Rigging provided barge & tug services to transport an AFT face panel from Gulfport, MS to Wallops Island, VA.



# Shipping via Vessel



The U.S. Army Corps of Engineers, Norfolk District, awarded a New Jersey-based company a \$10.5 million contract to replace sand along NASA's Wallops Island launch facilities near Chincoteague, Va.

Weeks Marine, Inc., from Cranford, N.J. will dredge sand to restore dunes and berms. The restoration involves adding 650,000 cubic yards of sand along the shoreline of the facility.



# Waterborne Commerce





Supplied 30,000 tons of Armor Stone for the breakwater and beach erosion in the Atlantic Ocean for protection of Rocket Launch Pads at the NASA facility on Wallops Island, VA. Delivery of Armor Stone in the 3-8 ton (per piece) range. The use of 3 special side dump trailers was required to minimize breakage of the stones during the delivery drop.

# Shipping via Rail

# MARS Pad 0A



Water Deluge System

Lightning Protection System

Transporter Erector Launcher (TEL)

Ramp

Launch Mount

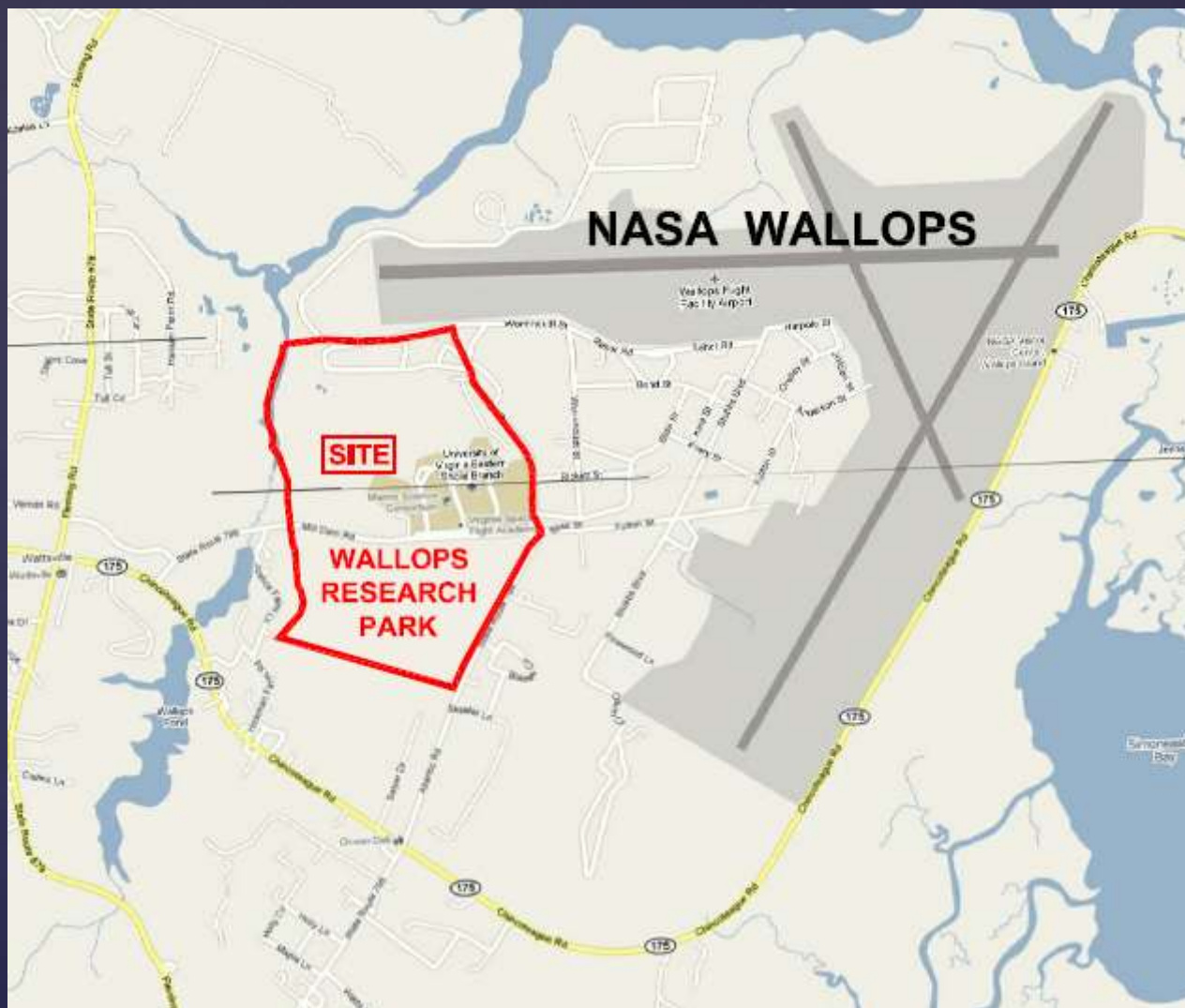
Antares Hot Fire Test Article

Liquid Fueling LOX, LN2

Flame Trench











# Complete April 2015



75' Wide

6" Base concrete

16" thick final surface

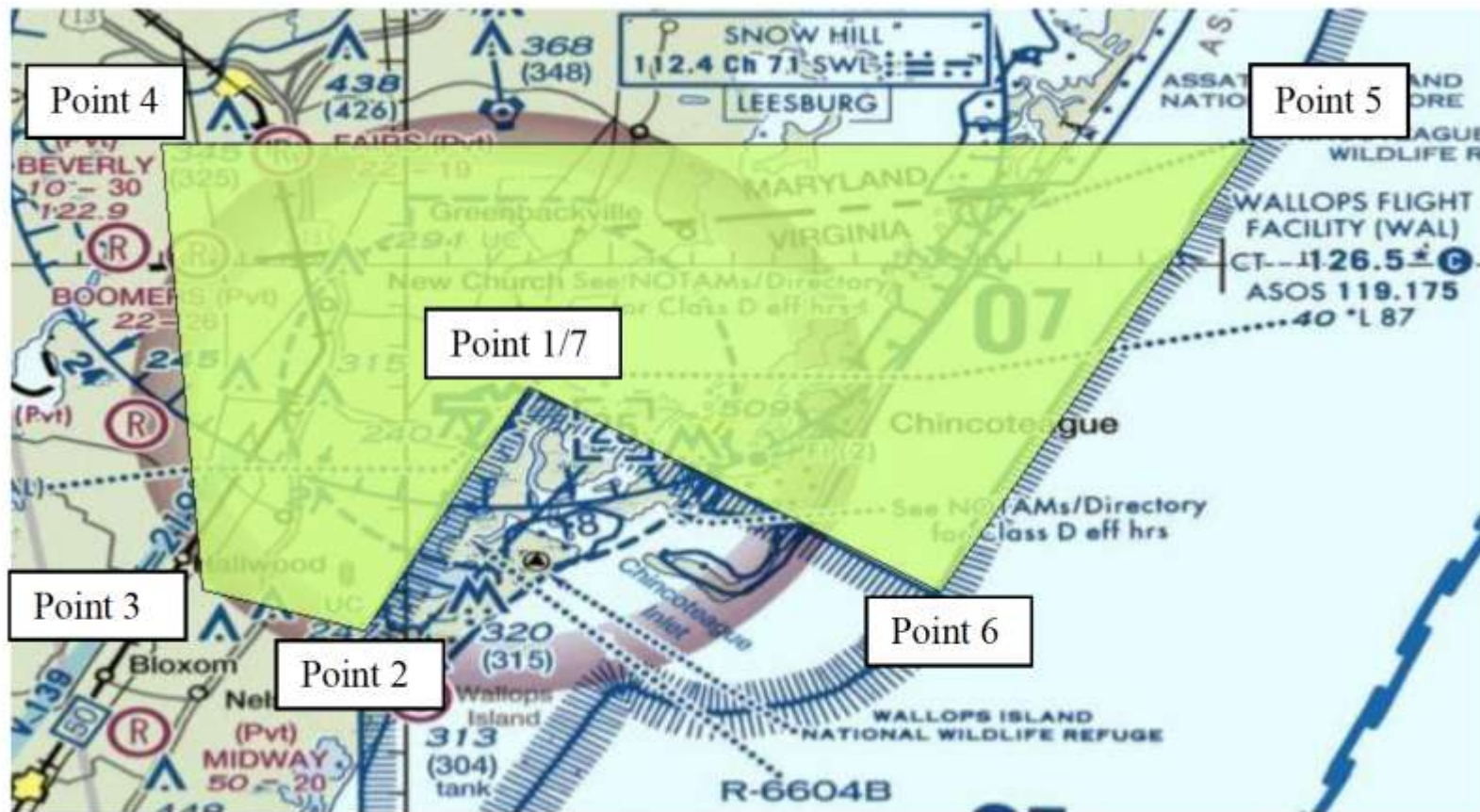
Fine Graded



## 1,200' Taxiway



## Operating Area



# Approved COA









The Wallops Research Park, located in the epicenter of the Mid-Atlantic Region is the decisive location for aerospace and aviation operations, specifically for Unmanned Aircraft Systems (UAS) and medium class space launch vehicles, particularly for those seeking to leverage and enhance the capabilities of the Mid-Atlantic Regional Spaceport (MARS) and NASA Wallops Flight Facility (NASA WFF).

# **SPACE** *Available*

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