

United Launch Alliance Overview

Dan Collins
May 18, 2007

ULA Joint Venture Team

- ❑ Two World Class Launch Systems Operated by a Single Provider to the U.S. Government
 - Lockheed Martin's Atlas Program
 - The Boeing Company's Delta Program
 - Commercial Sales Through LMCLS or BLS
 - Does Not Include: Reusable or Shuttle Derived
- ❑ A Century of Combined Experience in Expendable Launch Systems Providing Assured Access to Space
 - Pooled Experience of (850) Launches
 - Legacy Reaching Back to the 1950s

ULA Vision & Mission

□ Vision

- One Team Launching the Quest for Knowledge, Peace, and Freedom

□ Mission

- ULA provides the best expendable launch systems and services to assure access to space for our customers. Together, we protect our nation, explore the universe, and enable the commerce of space. We are a values-based team and, building on our heritage, are committed to mission success, continuous improvement, and stakeholder satisfaction.

ULA Guiding Principles

- ❑ Ethical Behavior
- ❑ Mission Success
- ❑ Performance Excellence
- ❑ Business Excellence
- ❑ Employee Involvement



ULA Leadership

Officers



President and Chief Executive Officer
Michael Gass



Chief Operating Officer
Dan Collins



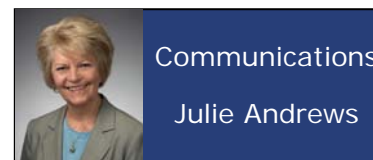
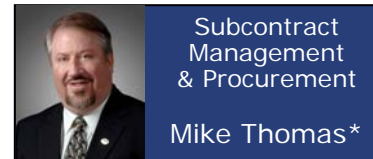
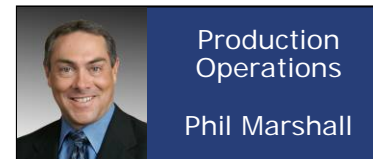
Chief Financial Officer
Joe Potter



Controller
Jim Hardin



General Counsel
Kevin MacCary



* Acting

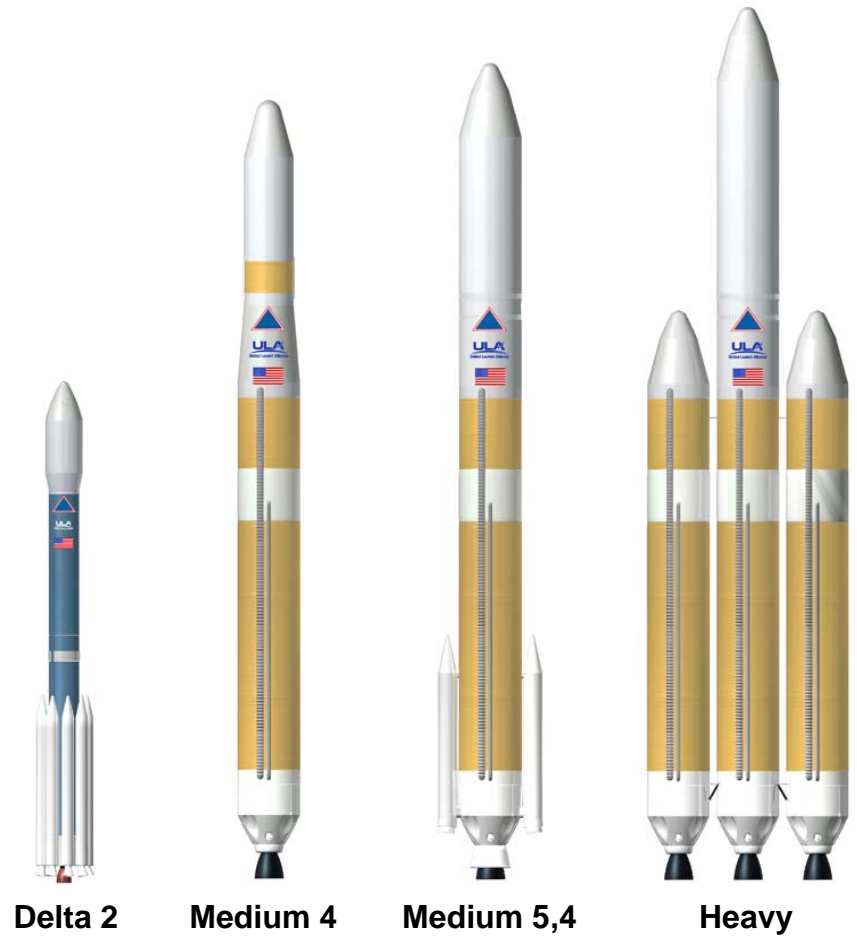
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ULA Launch Vehicles

Atlas



Delta



Mission Success



**Delta II – NROL-21
December 14, 2006**



**Delta II - THEMIS
February 17, 2007**



**Atlas V – STP-1
March 8, 2007**

Early Accomplishments

- ❑ 100% Mission Success
- ❑ 100% compliance with FTC Consent Order
- ❑ 100% compliance with Administrative Agreement
- ❑ Top level organization complete
- ❑ Excellent Huntington Beach acceptance rate
- ❑ Extensive learning at all levels of organization
- ❑ Demonstrated ULA synergies

Excellent Customer Support Enabling Early ULA Success

CY 2007 INTEGRATED LAUNCH MANIFEST

CY 2007												
EAST COAST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ATLAS V LC-41 QUANTITY 5			 STP-1 09-MAR-07 AV 401			 NROL-30 14-JUN-07 AV 401		 WGS SV1 10-AUG-07 AV 421		 NROL-24 AV 401 <i>Under Review</i>		 ICO G1 AV 421 <i>Under Review</i>
DELTA IV LC-37B QUANTITY 1								 DSP-23 NET 18-AUG-07 D IV Heavy				
DELTA II SLC-17A & 17B QUANTITY 6		 THEMIS 17 FEB-07 D II 7925 SLC-17B				 DAWN 30-JUN-07 D II 7925 H SLC-17B	 PHOENIX 03-AUG-07 D II 7925 SLC-17A	 GPS IIR-17 30-AUG-07 D II 7925 SLC-17B	 GPS IIR-18 15-NOV-07 D II 7925 SLC-17A	 GLAST D II 7920 H SLC-17B <i>Under Review</i>		
WEST COAST ATLAS V SLC-3E QUANTITY 1	17 Launches Planned for 2007										 NROL-28 04-DEC-07 AV 411	
DELTA II SLC-2W QUANTITY 4						 COSMO-1 07-JUN-07 D II 7420	 WORLDVIEW 13-AUG-07 D II 7920	 STSS Block 2010 / ORBVIEW-5 17-OCT-07 D II 7420		 ORBVIEW-5 / STSS Block 2010 20-DEC-07 D II 7920		

NOTES : 1 DELTA PROGRAM SOURCE DATA - DELTA FLIGHT PLANNING BOARD of 4 APRIL 2007
 2 ATLAS PROGRAM SOURCE DATA - ATLAS MANIFEST REVIEW BOARD of 18 APRIL 2007
 3 ILC DATES REFLECT BOTH RANGE CONFIRMED DATES (GMT) & FORECASTED DATES

4 MISSIONS REFLECT BOTH THOSE ON CONTRACT & THOSE (ASSIGNED or FORECASTED)

CY 2008 INTEGRATED LAUNCH MANIFEST

		CY 2008											
EAST COAST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ATLAS V LC-41													
<u>QUANTITY</u> 6		OTV FLT 1 JAN-08 AV 501		GPS IIF-02 MAR-08 AV 401		AEHF-1 30-APR-08 AV 531		WGS SV3 JUN-08 AV 421		SDO 15-AUG-08 AV 401		LRO 31-OCT-08 AV 401	
DELTA IV LC-37B													
<u>QUANTITY</u> 5		NROL-26 NET 25-JAN-08 D IV Heavy			GOES-O D IV M+4,2 <i>Under Review</i>		WGS SV2 D IV M+5,4 <i>Under Review</i>			GPS IIF-01 D IV M+4,2 <i>Under Review</i>		GOES-P D IV M+4,2 <i>Under Review</i>	
DELTA II SLC-17A & 17B													
<u>QUANTITY</u> 5		STSS B06-01 D II 7920 SLC-17B <i>Under Review</i>		GPS IIR-19 13-MAR-08 D II 7925 SLC-17A			GPS IIR-20 3Q GFY '08 D II 7925 SLC-17A			GPS IIR-21 4Q GFY '08 D II 7925 SLC-17A		KEPLER 01-NOV-08 D II 7925 SLC-17B	
WEST COAST													
ATLAS V SLC-3E													
<u>QUANTITY</u> 1				DMSP-18 28-MAR-08 AV 401									
DELTA IV SLC-6													
DELTA II SLC-2W													
<u>QUANTITY</u> 1 + 3 = 4		COSMO-2 <i>Under Review</i> D II 7420 SLC-2W				OSTM 15-JUN-08 D II 7320 SLC-2W		NOAA-N 15-AUG-08 D II 7320 SLC-2W		NROL-25 28-AUG-08 D IV M+5,2 SLC-6			

21 Launches Planned for 2008

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4 MISSIONS REFLECT BOTH THOSE ON CONTRACT & THOSE (ASSIGNED or FORECASTED)
 5 LAUNCH OPS EXECUTION OF THIS ATLAS LAUNCH MANIFEST FORECAST IS PREDICATED ON ADDITIONAL STAFFING RESOURCE RECOGNITION IN THE FY2008 ELC

ULA Consolidation

Denver, CO

- ❑ ULA Headquarters
- ❑ Atlas Program Office and Engineering
- ❑ **Atlas V Booster Fabrication, Assembly, and Test**
- ❑ **Atlas V Centaur Assembly and Test**
- ❑ **GX Booster Final Assembly and Test**

Vandenberg Air Force Base (VAFB), CA

- ❑ Atlas V – SLC-3
- ❑ Delta II – SLC-2
- ❑ Delta IV – SLC-6

Pueblo, CO

- ❑ Delta II Storage

Decatur, AL

- ❑ Delta II and IV Fabrication, Assembly, and Test

Cape Canaveral Air Force Station (CCAFS), FL

- ❑ Atlas V – SLC-41
- ❑ Delta II – SLC-17A/B
- ❑ Delta IV – SLC-37

Harlingen, TX

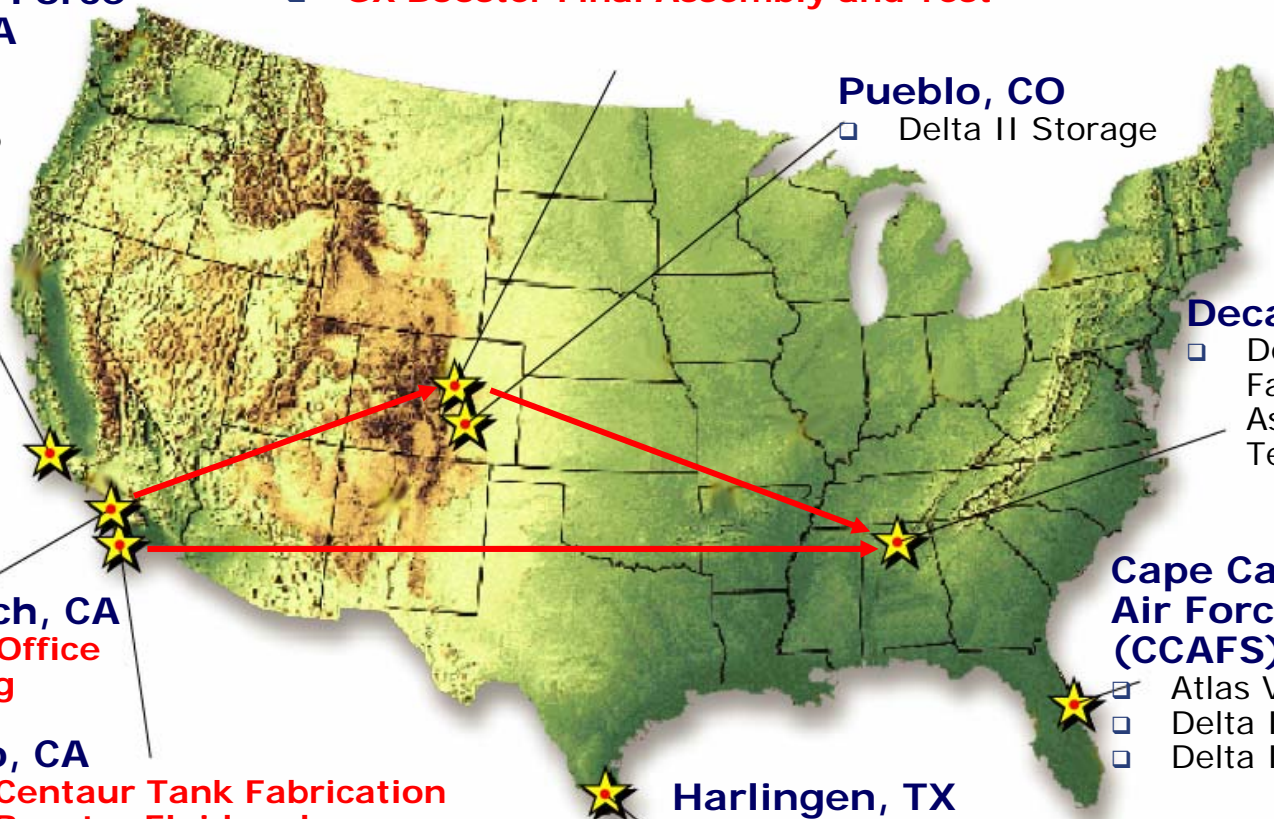
- ❑ Atlas V and GX Mechanical Structures
- ❑ Payload Fairing Fabrication and Assembly
- ❑ Adapter Fabrication and Assembly

San Diego, CA

- ❑ **Atlas V Centaur Tank Fabrication**
- ❑ **Atlas V Booster Fluid and Pneumatic Lines**
- ❑ **GX Booster Tank Fabrication**

Huntington Beach, CA

- ❑ **Delta Program Office and Engineering**



Summary

- ❑ Mission Success continues to be top priority
- ❑ Focus on one team culture
- ❑ Initial Concept of Operations in place; will continue to evolve
- ❑ Atlas/Delta working together yielding successes
- ❑ Transition program is baselined; Moving into execution phase