RocketPod™ Update

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Ecliptic Products



RocketCam™: Get the picture.



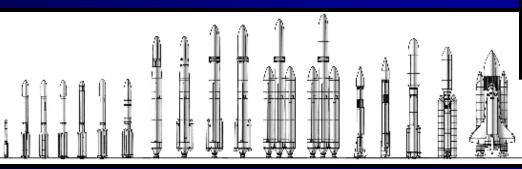
RocketPod™: Get the ride.



RocketCam Space Heritage



- Launched on 54 projects since 1997
 - 34 rockets to orbit (70 cameras)
 - 18 suborbital launches (41)
 - 2 spacecraft (6)
- All relatively simple integrations
- All relatively low cost
- All successful
- Many more to come

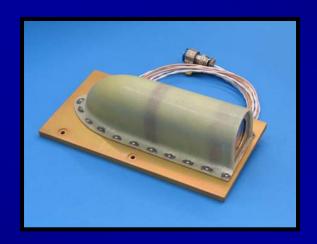


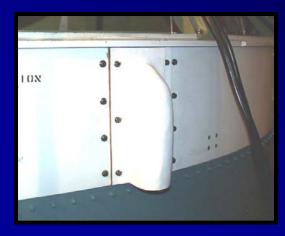


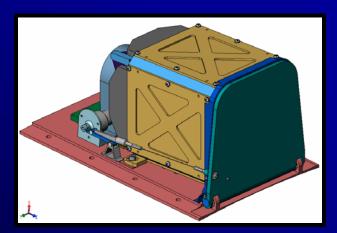
2007 Aug 12

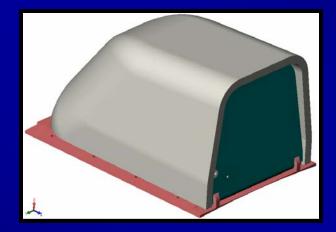
RocketCam to RocketPod (Delta II example)







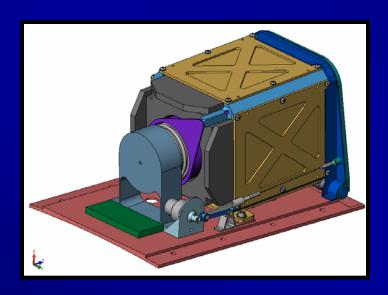


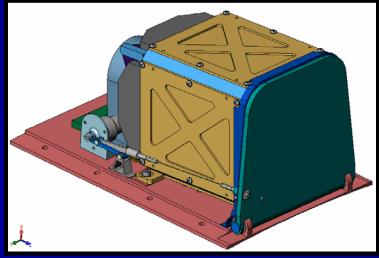


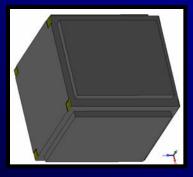
Patented in U.S. and abroad

RocketPod Internal View



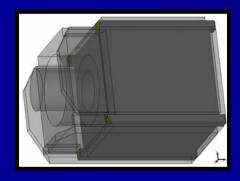






Sep velocities:

- 2.6 m/s for 0.6 kg payload
- 2.0 m/s for 1.0 kg
- 1.4 m/s for 2.0 kg



Std. CubeSat

"CubeSat+"

Project Accomplishments 2002-2004



- Delivered a flight-like RocketPod working model
 - 8 mos. ARO (delivered 2004 Jul)
 - Verified functionality in lab and in simulated microgravity
- Delivered a preliminary User's Manual
- Secured add-on funding for definitive Delta II secondary payload assessment via USAF/SMC

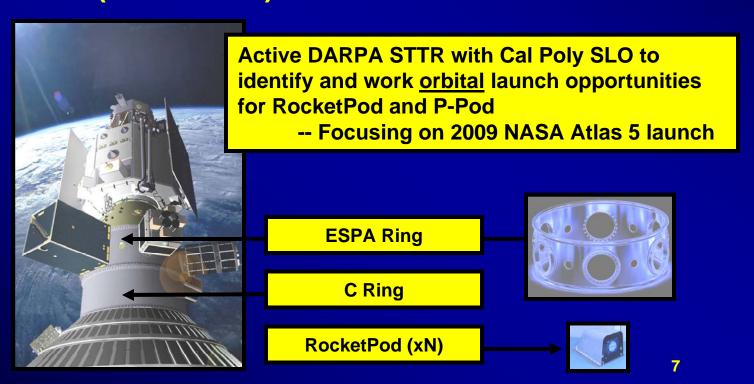
Completed 2004 Dec by Boeing



Project Accomplishments 2005-2006

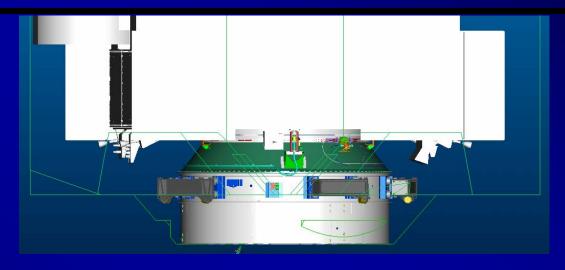


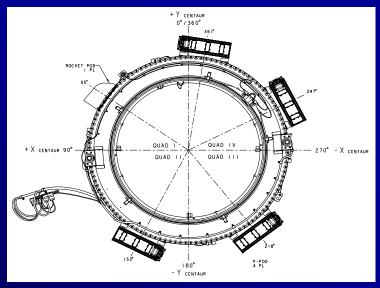
- Assessed integration issues for most other U.S. ELVs, plus some spacecraft
 - Delta IV, Atlas 5, Minotaur, Taurus, Falcon 1
- Settled on Atlas 5 "C Ring" as most desirable RocketPod (and P-Pod) location



Current Baseline Concept on Atlas 5







1Q 2009?

Other Recent Activities



- Two suborbital RocketPod launches this fall on Garvey Spacecraft Corporation P-9A/B reusable rocket
 - Fairing fit-check on P-7 last fall
 - Follow-on launch early 2008 if 2007 launches are successful
- Actively discussing RocketPod applications for other rocket and spacecraft applications
 - Commercial, NASA, defense
- Ecliptic-NASA Ames strategic MOU signed Jun 29
- Launch option on Falcon-1 launch late this year (?)
 - Malaysian launch, via Space Access Technologies

Fairing Fit-Check on GSC P-7





Ecliptic Summer Internship







Prepping for P-9A/B





Prepping for P-9A/B





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