18th Annual AIAA/USU **Conference on Small Satellites**

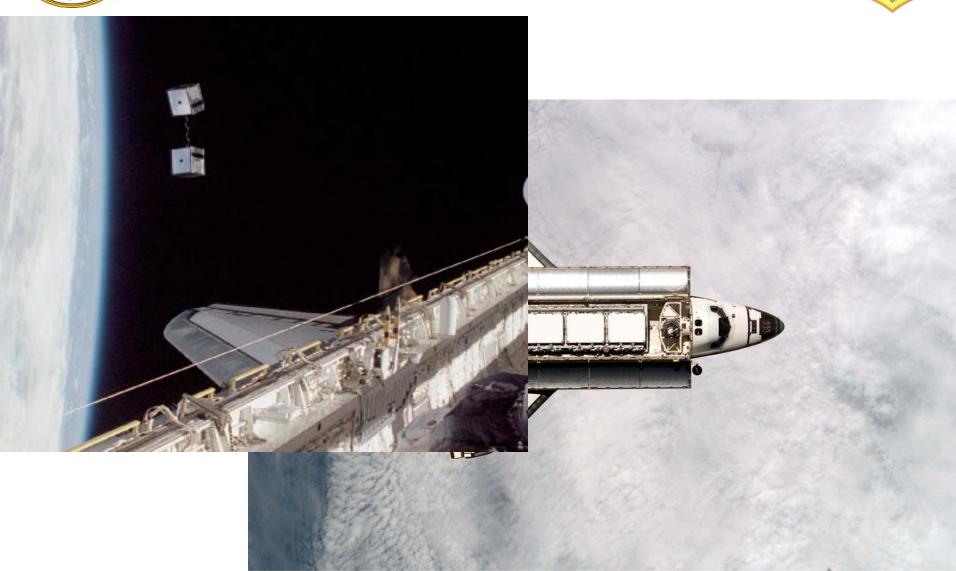
CUBESAT WORKSHOP: DOD PICOSAT LAUNCH UPDATE - 8 Aug 04

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STS-113 MEPSI Deployment





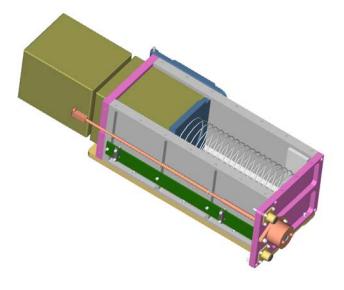


DOD PICOSAT Launch Methods - STP SSPLs



- DoD-developed capability to launch picosat class spacecraft (< 5kg) from the shuttle
- 2 sizes of picosat
 - SSPL 4410 (4x4x5 inches)
 - SSPL 5510 (5x5x5 inches)
- Launchers could be used for 1 "double" picosat
 - Mass limited







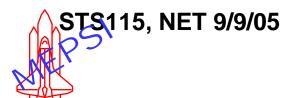
Projected Shuttle Picosat Launches

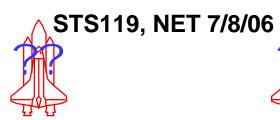






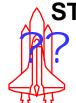
STS124, NET 5/3/07





STS122, NET 11/30/06

STS116, NET 12/1/05



STS120, NET 9/28/06

There are more......



Summary



- DOD is using PICOSATs and will have unused capability
- Still working with NASA & Space Grant to "share"
 DOD launchers
 - Ball is in NASA's court
- Looking into a US ELV Picosat launch capability...