CUBESAT WORKSHOP:
DOD PICOSAT LAUNCH
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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

STS121, NET 5/5/05

STS117, NET 2/9/06

STS124, NET 5/3/07

STS115, NET 9/9/05

STS119, NET 7/8/06

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…