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ULA SmallSat rideshare for interplanetary missions

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United Launch Alliance (ULA) launch vehicles have a long history of providing high-value payload accommodations for a variety of spacecraft, including planetary missions. Rideshare-the approach of sharing available performance margin with a primary spacecraft-provides satellite developers the opportunity to get their spacecraft to orbit and beyond in an inexpensive and reliable manner. The ability to marry Rideshare and Earth-escape disposal of the upper stage provides some new capabilities for performing interplanetary science exploration using SmallSat. This briefing will cover rideshare delivery mission approaches for SmallSats to potential Lunar & Mars opportunities. In addition, it will include development of new high-power solar electric propulsive (SEP) delivery third-stage systems.

Biography

Gerard (Jake) Szatkowski is part of Advanced Programs as project manager for Technology Flight Demonstrations and SmallSat accommodations on Atlas and Delta launch vehicles for United Launch Alliance. In this capacity, he is working for numerous Small Satellite projects supporting the USAF, NASA, and foreign governments for LEO, GSO, Lunar, and MARS missions. He has earned 5 degrees from Rensselaer Polytechnic Institute. And has 37 yrs service on the EELV program.

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