

# DART PLANETARY DEFENSE PROPELLED BY AEROJET ROCKETDYNE

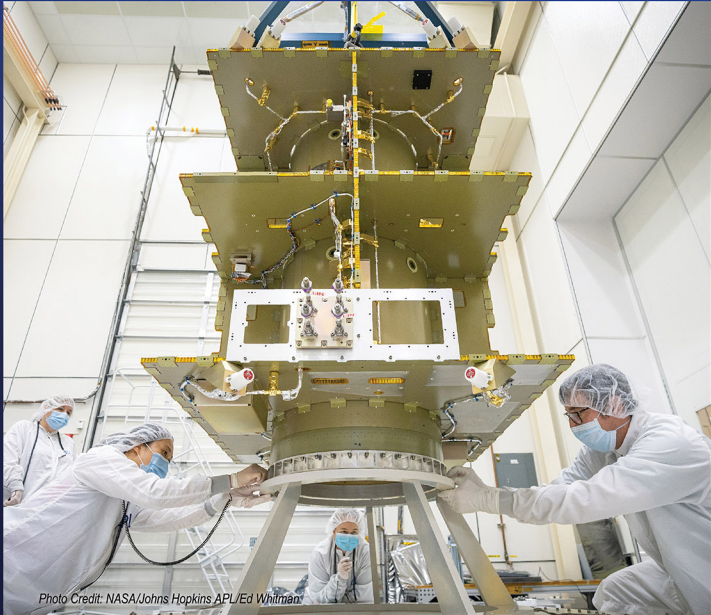
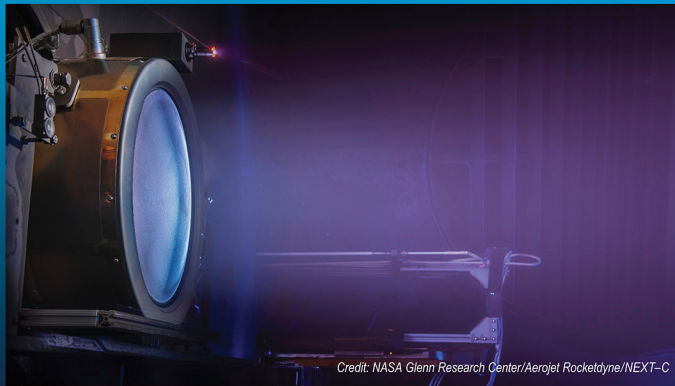


Photo Credit: NASA/Johns Hopkins APL/Ed Whitman

Aerojet Rocketdyne provided the complete chemical and electric propulsion systems for the Double Asteroid Redirection Test (DART) spacecraft, from tanks to thrusters. Twelve MR-103G hydrazine thrusters will provide primary propulsion, executing trajectory course maneuvers (TCM) during the cruise phase of the mission and providing attitude control for the spacecraft.



Credit: NASA/Johns Hopkins APL/Steve Gribben



Credit: NASA Glenn Research Center/Aerojet Rocketdyne/NEXT-C

NEXT-C is a solar-powered electric propulsion system designed to provide higher fuel efficiency and thrust levels than state-of-the-art ion engines. NEXT-C will demonstrate on DART its capability for future deep space, national security space, and commercial missions.