



OrbitAID Aerospace

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PRODUCTS

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SERVICES

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as of 20 August 2026



OrbitAID Aerospace

OrbitAID Aerospace designs and manufactures orbital fuel stations and provides on-orbit services including refueling, docking, repair, and inspection. Their product lines focus on on-orbit life extension, active debris removal, on-demand mobility, and satellite inspection. The company has conducted two missions: Zero-G1 in November 2024, which demonstrated docking and fluid transfer under microgravity and qualified SIDRP for flight-like operations, and Zero-G2 in May 2025, which validated autonomous docking and fluid-transfer mechanisms and developed CNN-based pose-estimation techniques. Zero-G1 was India's first Zero G Mission for RPO and Propellant Transfer.

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Services

Active Debris Removal Enhancing orbital safety through responsible debris mitigation by removing high-risk objects and deorbiting defunct satellites.	On Demand Mobility Enabling flexible, mission-responsive on-orbit maneuvering by providing auxiliary propulsion for rapid orbital adjustments.
On-Orbit Propellant Transfer (Refuel) Safe, controlled on-orbit propellant transfer to enable mission life extension and improved maneuverability for spacecraft.	On-Orbit Repair and Restoration In-orbit repair and restoration services to correct anomalies and extend spacecraft functionality and lifespan.
Satellite Inspection High-resolution imaging and sensor-based inspections to assess spacecraft health and identify anomalies without disrupting operations.	

Product catalogue



ORBITAID AEROSPACE

Orbital Fuel Stations in Space (On-Orbit Services)

Orbital Fuel Stations in Space offers on-demand life extension services for space assets, including refueling, docking, repair, and inspection, to improve maneuverability and extend mission life.

Zero-G1 Mission DateNovember 2024

Zero-G1 Mission AchievementsIndia's first Zero G Mission for RP0 and Propellant Transfer; Successfully demonstrated docking and fluid transfer

Zero-G2 Mission DateMay 2025

Zero-G2 Mission AchievementsImplemented and validated autonomous docking and fluid-transfer mechanisms with a focus on life extension services

price on request

Contact OrbitAID Aerospace

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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