PAYLOAD ADAPTERS

Redwire’s Engineering Solutions group has decades of experience developing flight payload adapters from concept to delivery. With an in-depth knowledge of requirements and standard for launch vehicles, separation systems, and payloads, we can provide a unique combination of design, development, testing, and delivery for standard or custom interfaces and payloads.

PARAMETERS

CubeStack – ESPA ring that can hold 8 3U CubeSat dispensers

CubeCone – Transitional ring that could also hold secondaries

LoFF – Custom adapter that hosted 48 3U CubeSats for SSO-A

MISSION HERITAGE

+ ORS-3
+ Spaceflight SSO-A
+ SpaceX Rideshare
+ Spaceflight GTO-1
+ Space IL Lunar Lander
+ SSL primary
+ AFRL secondary

XPOD – Custom adapter designed to host 3 XPOD dispensers

Custom rideshare adapters