

Aerospace Corporation
Experimental License Application
File No.: 1884-EX-CN-2023

Orbital Debris Assessment Report and Conjunction Warnings Response Plan

Aerospace does not have authority over the two satellites that make up the Paladin program because those satellites are owned by the Space Force. Aerospace only has control over its radios which are hosted payloads aboard the Paladin satellites. The Space Force which owns the satellite hosts, the two Paladin satellites, will be responsible for ensuring compliance with space debris assessment requirements and for responding properly to conjunction warnings.

Paladin Satellites:

It is customary for federal satellite systems to undergo a space debris assessment analysis. Aerospace has confirmed that the Space Force will complete the SDAR, which includes the Aerospace radio payload in the report. Paladin's satellites will comply with all NASA DAS requirements. The SDAR and mission plan for Paladin will be reviewed by Space Systems Command prior to Paladin receiving approval for launch. This review will assure Paladin's compliance with AFI 91-202 and the federal United States Government's Orbital Debris Mitigation Standard Practices.

Conjunction warnings: As explained above, Aerospace does not control or operate the Paladin satellites. The Space Force does. The Space Force has developed and will follow a conjunction warning response plan that meets its mission requirements, including the protection of spacecraft on orbit.