

Identification

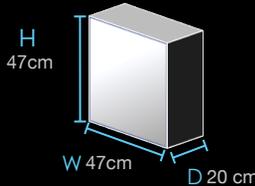
NAME: **ELSA-D CLIENT**

OWNER: **Astroscale**

INTL CODE: **2021-022AQ**

NORAD CAT ID: **51288**

Physical Characteristics

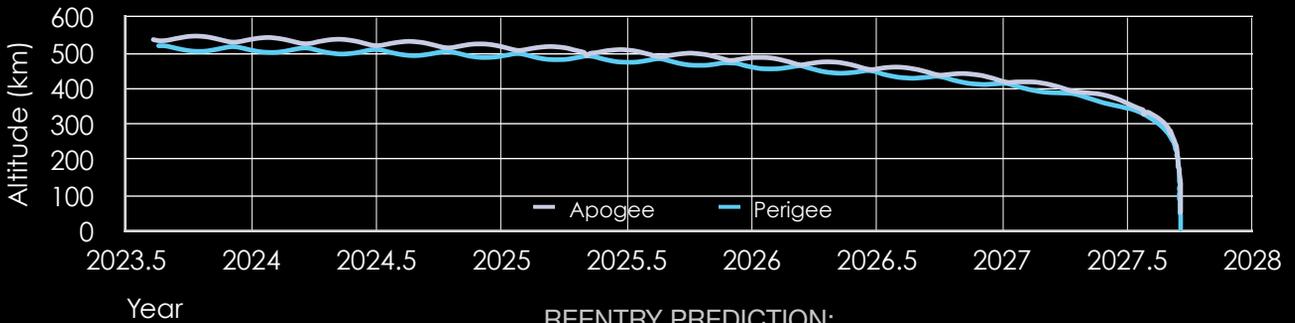


MASS: **17 kg**

REENTRY SURVIVABILITY: **None**

Passive Decay Profile

Apogee-perigee profile from DAS: area/mass ratio = 0.0118 m²/kg



REENTRY PREDICTION:

4.11 years from June 2023

Based on NASA Debris Assessment Software v3.2.2

Orbit Details

ALTITUDE:

540 km apogee

516 km perigee

INCLINATION:

97.5 deg

ATTITUDE PROFILE:

Random Tumbling

Probability of Collision (Pc)

ASSESSED AGAINST OBJECTS >10 CM:

Pc = 1.84e-6

Based on NASA Debris Assessment Software v3.2.2

Trackability

RADAR CROSS SECTION:

Medium, 0.1 < RCS < 1.0 m²

ADDED FEATURES:

Laser Retroreflectors, x2