



Certificate of Registration

Issued as of **8 May 2026** by the NullSat Title Registry, this certificate **#0462** does not independently guarantee title.

Asset Reference: Dr. Mason Peck (mp336@cornell.edu)

Encrypted Records: [Click to Access](#)

Core

NORAD ID:	66908
COSPAR ID:	1998-067XU
Satellite Name:	CU-ALPHA
Former Name(s):	None
Orbit:	LEO
Operational Status:	Active
Expected Lifetime	6 months
Owner:	Cornell University
Former Owner(s):	None
Country of Incorp.:	United States of America
Operator:	Cornell University
Former Operator(s):	None
Altitude:	223km
Inclination:	51.61

Build

Manufacturer:	Cornell University
Bus Model:	Custom 1U CubeSat
Mass:	1.2kg
Dimensions:	10x10x10cm
Payload Description:	One free-flying 1m ² light sail instrumented with four chipsats and holographic retroreflection as a technology demonstrator for the Breakthrough Starshot mission concept.

Launch

Launch Date + Time:	2 December 2025
Launch Vehicle:	International Space Station (Cygnus NG-23 Commercial Resupply via Falcon-9 v.1.2)
Launch Site:	Cape Canaveral, FL
Launching Country:	United States of America
Country of Registry:	United States of America

Regulatory

License Authorities:	FCC Part 25 (Expired)
Insurance:	None
Encumbrances:	None
Transfer Restrictions:	None
Debris Mitigation Plan:	ODAR dated 11 July 2023