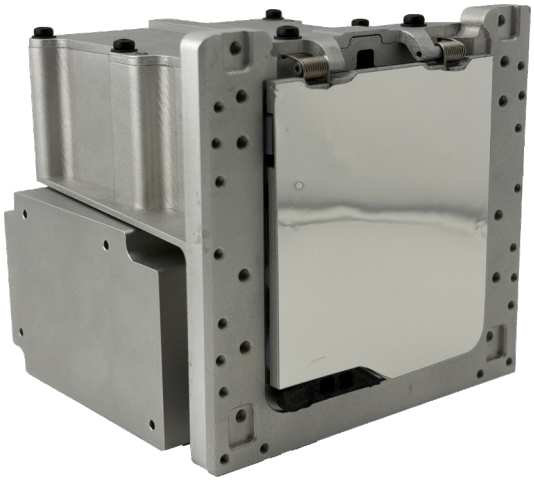
ASTROBRAKE-S

AUTONOMOUS DRAG SAIL DEORBITING MODULE



RELIABLE Achieve regulations reliability levels. Qualified to GEVS.

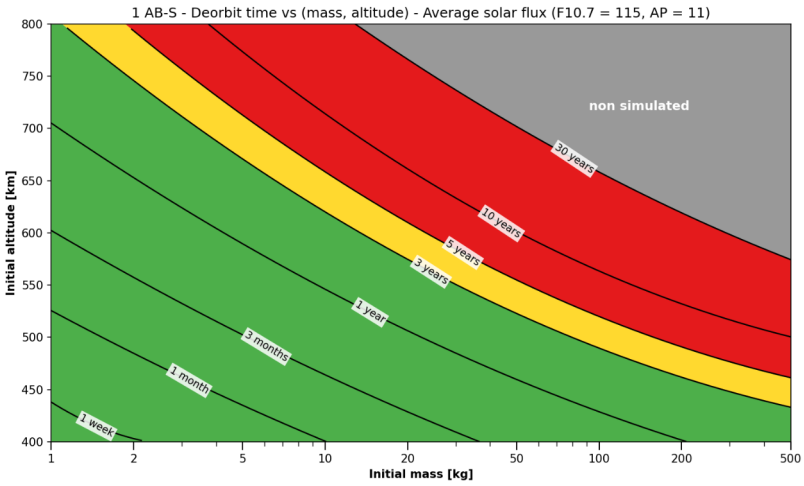
ADAPTATIVE Plug and Play. Fits any spacecraft without modifications.

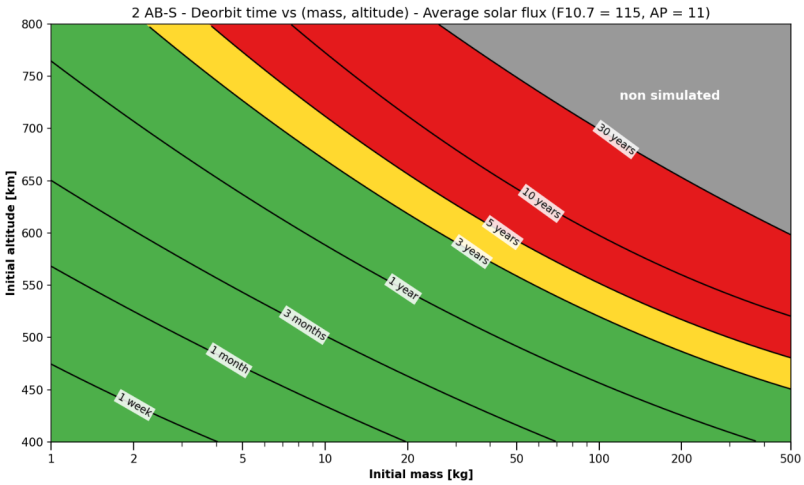
AUTONOMOUS Zero power needed. No dependencies on spacecraft.

AFFORDABLE Available off the shelf. Saves money, time and propellant.

Astrobrake is an **autonomous drag sail system** designed to ensure **safe, compliant and reliable deorbiting** even in the event of complete system failure. Requiring no power, no fuel and no ongoing operations, it integrates into almost any spacecraft. Astrobrake can operate **fully independently, monitor the spacecraft health or be activated on-demand** via a simple connector interface. Gama can also provides regulatory analysis for end-of-life.

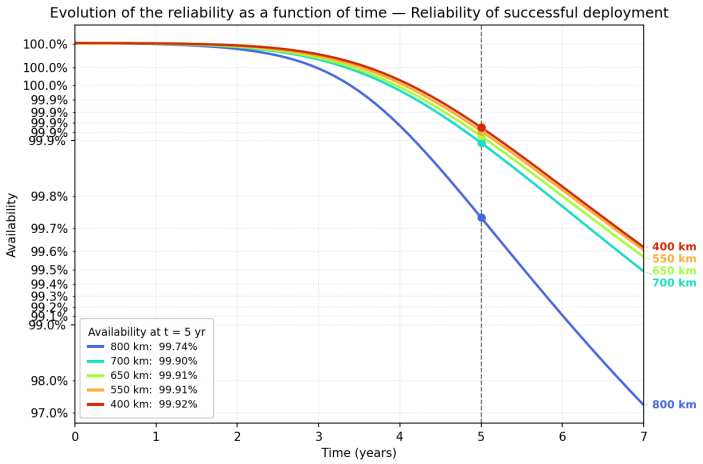
Deployed sail area	2 m²
Effective sail area	1.8 m²
Lifetime until deployment	5 years up to 700km altitude
Lifetime after deployment	5 years down to 300km altitude
Total mass	805g
Temperature range	-50°C; +85°C

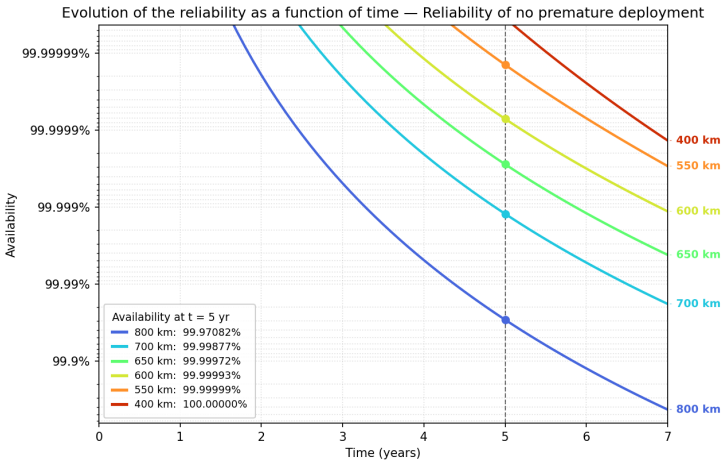




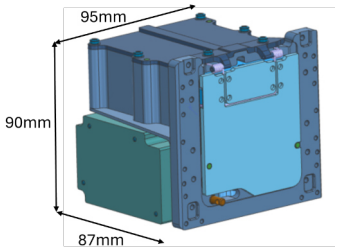
astrobrake@gamaspace.com

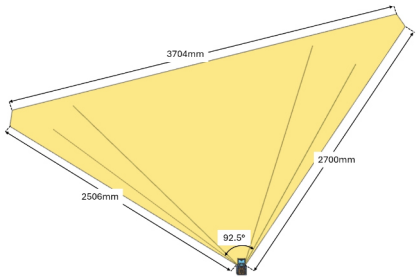
Reliability





Dimensions



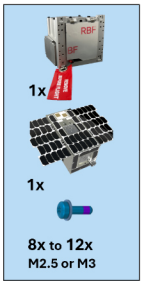


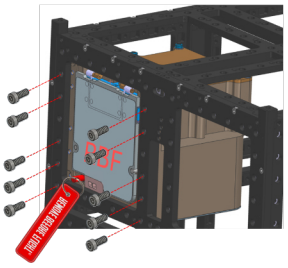
Integration and Interfaces

Warning! This is not a toy.
Don't forget the Remove Before Flight (RBF)
Once the RBF is removed, the counter starts so you should take into account launch delays and early life of the spacecraft.
Don't forget to plug the connector cap!

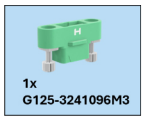
Advarsel! Dette er ikke legetøj.
Glem ikke at fjerne før flyvning (RBF). Når RBF'en er fjernet, starter tælleren, så du bør tage højde for opsendelsesforsinkelser og rumfartøjets tidlige levetid. Glem ikke at sætte stikket på!

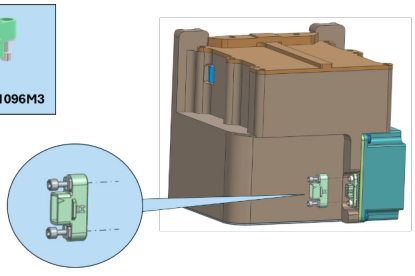
1 ATTACH IT



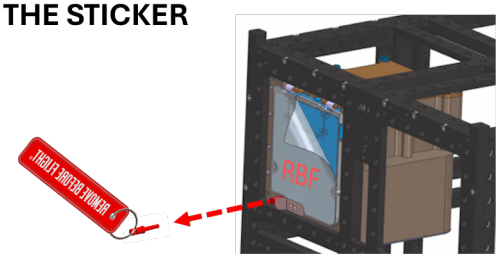


2 PLUG THE CONNECTOR

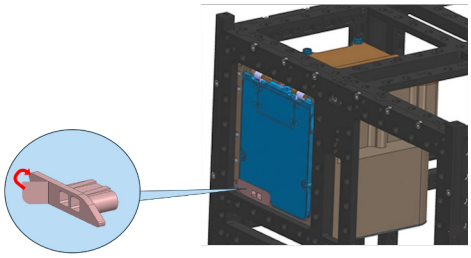




3 UNPLUG THE RBF AND PEEL THE STICKER



4 CLOSE THE RBF CAP



Talk to our engineers.

Send us your altitude, mass and launch date to get your custom sizing simulation

http://www.gamaspace.com
astrobrake@gamaspace.com
+33 6 58 63 57 48