

Orbiter Space Flight Simulator (16 février 2005)

ESA Orbital lab Cassiopée

no matter - Février 2006



Un grand merci à:

- Martin Schweiger
- Dansteph et la communauté francophone d'Orbiter
- Vinka
- Yuri Kulchitsky
- Thomas Ruth
- Mark Petroff

Mention spéciale à Mustard et Well, MERCI à vous deux!!

Please be patient with my poor english, it's not my native language.

Esa Orbital lab «Cassiopée» is a fictionnal addon, a kind of ESA's Salyut or Skylab.
It can be launched by Energia.

INSTALLATION

Unzip the archive in the Orbiter main directory.

Requires [Spacecraft3](#), [Spacecraft2&Multistage2](#) (Vinka) , [Energia project](#) (Kulch) , [Hermès/Ariane5](#) (Thomas Ruth), [Buran](#) (JKanios) or [Buran2](#) (Mark Petroff).

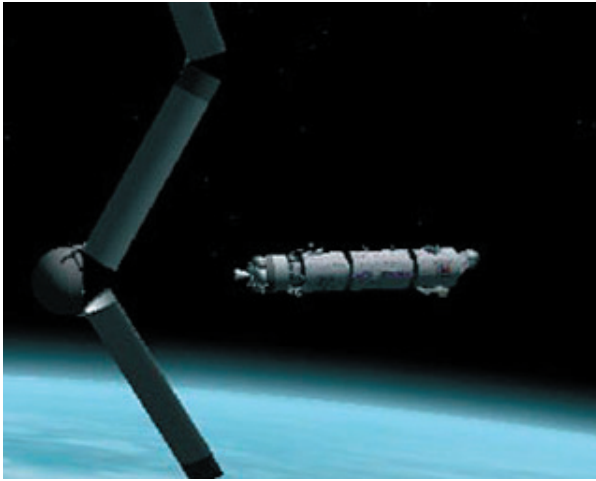
USE

Animations:

K deploys solar panels and radiators.

G rotates solar panels.

Scénarios:



[01-DM2-Cassiopée.scn](#) : launch Cassiopée with Energia SRC-Space Polygon. S to start autopilot.
Try to reach 380x370 Km orbit then hit K to deploy panels.



[02-Launch sas module with Buran](#) : launch Buran to rendez-vous Cassiopée and start the sas assembly.
Start autopilot with S. this version uses Buran by JKanios.

[02-Launch sas module with Buran2](#) : same as above but using Buran2 by Mark Petroff.



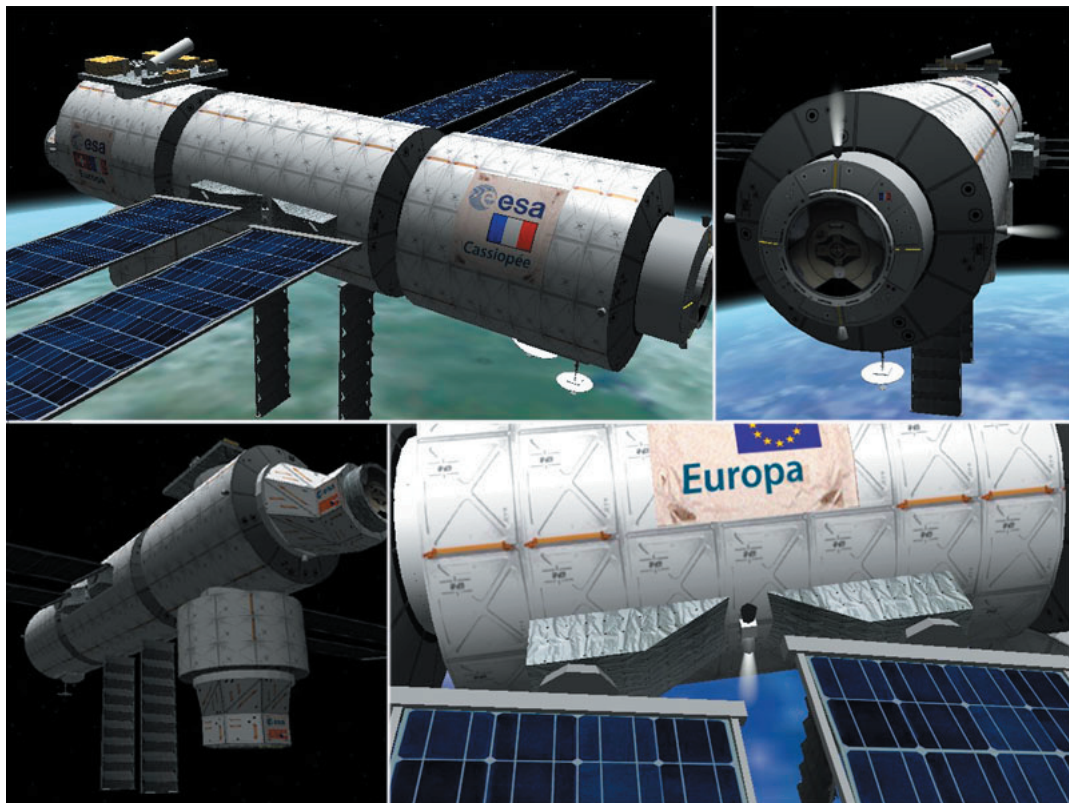
03-Cassiopée over Kourou : The Orbital lab is passing over Kourou. This is a good start point to reach the station from Kourou.



04-Launch Hermès to Cassiopée : Start the autopilot with P. Hermes will reach approx. 330x280Km (may change depending on how you play with the views while launching and the computer).

Practise rendez-vous and docking with Hermes. (Ariane5 uses a Multistage2 configuration file, Hermes is converted to Spacecraft2).

Cassiopée AE is the same station as Cassiopée but the SAS module and the main part are both in the same mesh.



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