

ORBITER FORUM SPACE STATION

Mission 21: Endeavour + HabCore

Pilot: [Evil Onyx](#)



Launch Date: November 8, 2009 08:49:14 UTC

Mission 21 Required Downloads/Addons:

- Orbiter 2006 P1 Base -- www.orbitersim.com
- Orbiter Sound 3.5 -- <http://orbiter.dansteph.com/download/OrbiterSound35.php>
- Wideawake International -- <http://www.orbithangar.com/searchid.php?ID=3666>
- Energy Project -- <http://www.orbithangar.com/searchid.php?ID=1036>
- Universal RMS -- <http://www.orbithangar.com/searchid.php?ID=3373>
- XR-5 Vanguard -- <http://www.dougsorbiterpage.com/index-3.html>
- Ariane 6 -- <http://orbiter.mustard-fr.com/addons/ariane6.php>
- Nebulus-- <http://orbiter.mustard-fr.com/addons/nebulus.php>
- PMA -- <http://orbiter.mustard-fr.com/addons/pma.php>
- HL-20 -- <http://www.orbithangar.com/searchid.php?ID=1489>
- Shuttle Fleet 4.1.5 -- <http://www.orbithangar.com/searchid.php?ID=3730>
- Delta Tug -- <http://www.orbithangar.com/searchid.php?ID=1127>
- DG-IV -- <http://orbiter.dansteph.com/index.php?disp=dgIV>
- Baikonur, LC1-pad5 -- <http://orbiter.mustard-fr.com/addons/blc1.php>
- Soyuz Series -- <http://orbiter.mustard-fr.com/addons/soyuz.php>
- ProgressM1 -- <http://orbiter.mustard-fr.com/addons/progressm1.php>
- Various Space Station Modules -- <http://www.orbithangar.com/searchid.php?ID=2857>
- Solar Modules ITS -- <http://orbiter.mustard-fr.com/addons/ITS3456.php>
- Ariane 5 -- <http://orbiter.mustard-fr.com/addons/ariane5wnm.php>
- CTV Pegase v2.1 -- <http://orbiter.mustard-fr.com/addons/ctv.php>
- Pack Kourou CSG version 3 + Update 3 (DLL) -- <http://orbiter.mustard-fr.com/addons/kourou.php>
- Novae -- <http://orbiter.mustard-fr.com/addons/novae.php>

Recommended MFDs:

Launch MFD -- <http://www.orbithangar.com/searchid.php?ID=2802>

Base SyncMFD -- <http://koti.mbnet.fi/jarmonik/BaseSyncMFD.zip>

Aerobrake MFD -- <http://www.orbithangar.com/searchid.php?ID=2139>

Installation:

1. Create a new orbiter installation, unzipping the Orbiter Base to any folder.
2. Install Orbiter Sound 3.5
3. Unzip Wideawake International into that Orbiter folder.
4. Unzip Energy project, and run the setup to install it.
5. Unzip Universal RMS, and run the setup to install it.
6. Install DeltaGlider-IV.
7. Unzip Delta Tug and run the installer.
8. Unzip XR-5 into the Orbiter folder.
9. Unzip Ariane 6 into the Orbiter folder.
10. Unzip Ariane 5 into the Orbiter folder.
11. Unzip CTV Pegase into the Orbiter folder.
12. Unzip Pack Kourou CSG v3 and Update 3 (DLL) into the Orbiter folder.
13. Unzip Nebulus into the Orbiter folder.
14. Unzip PMA to the Orbiter folder.
15. Unzip Novae to the Orbiter folder.
16. Unzip Various Space Station Modules to the Orbiter folder.
17. Unzip Solar Module ITS to the Orbiter folder.
18. Unzip HL-20 to the Orbiter folder.
19. Unzip Baikonur, LC1-pad5 to the Orbiter folder.
20. Unzip Soyuz Series to the Orbiter folder.
21. Unzip ProgressM1 to the Orbiter folder.
22. Unzip Shuttle Fleet to the Orbiter folder.
23. Unzip the newest Orbiter Forum Space Station package into the Orbiter folder.
24. Activate OrbiterSound module & GPCMFD in the Orbiter launch pad.

Mission Objectives:

1. Launch Orbiter and start the scenario “#021 Mission Launch - Evil_Onyx” located in 'Scenarios/Orbiter Forum Space Station'.
2. When the time to intersection on the Launch MFD reads 288 seconds, enter ITEM 777 into the GPCMFD.
3. Rendezvous with the OFSS.
4. Remove PMA-1 and attach HabCore to Nebulus dock #2 as shown in the example screen shot.
5. Attach PMA-1 to HabCore dock #2.
6. Dock Endeavour to PMA-1.
7. Return Endeavour to KSC.
8. At the end of the mission after landing safely, copy the entire contents from (Current state).scn and post it [HERE](#) between code brackets. *example:* [code]Paste scenario contents here[/code]

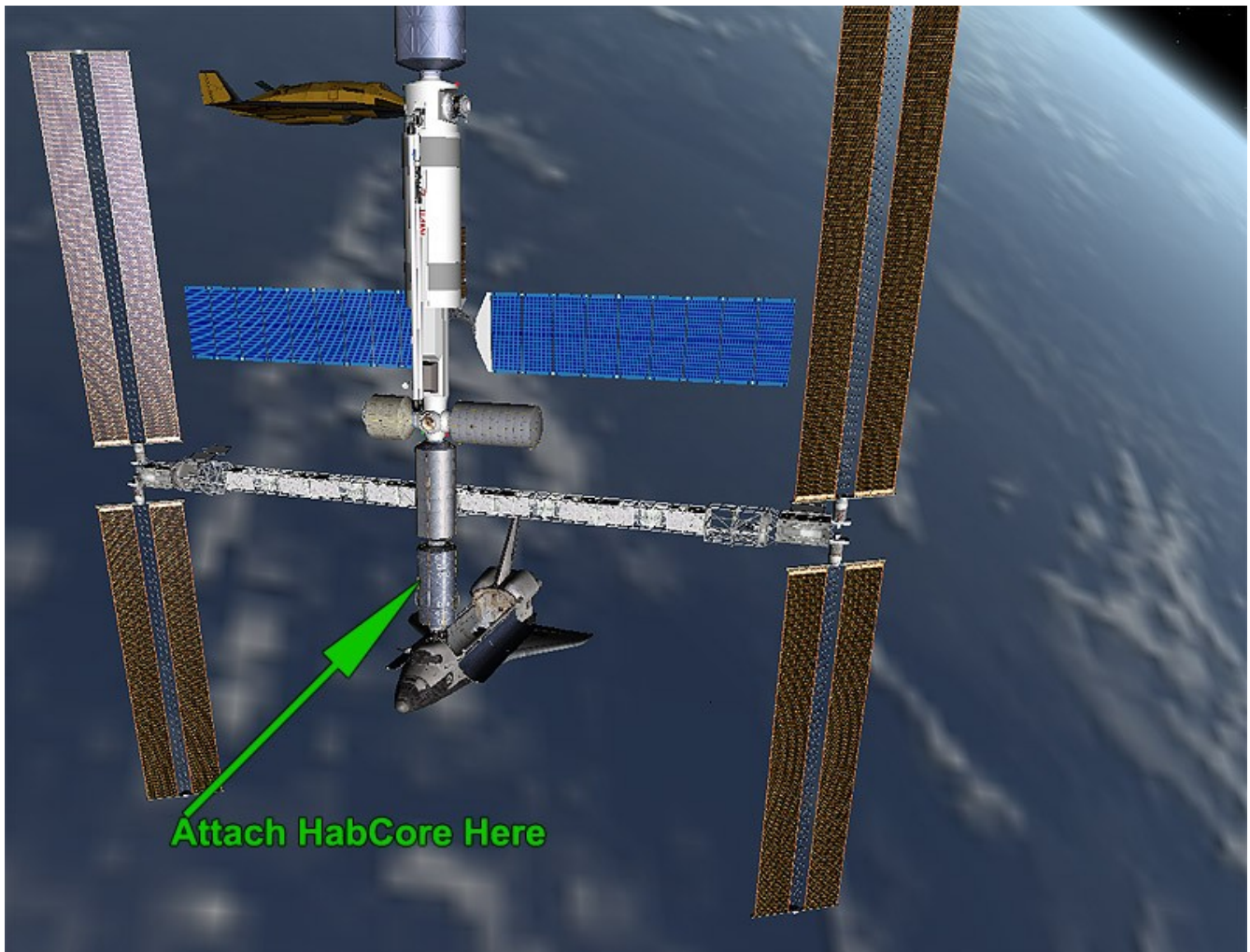
***If you're unable to reenter then please copy the entire contents from (Current state).scn and post it in [THIS](#) topic for the next reentry pilot in line to complete the mission.**

It is not required, but would be nice if screen shots of this mission are uploaded.

Shuttle Fleet Launch Tips:

- * Your launch window is fast approaching. At 08:49:14 UTC. Enter ITEM '777' into the GPC MFD.
- * The autopilot will launch you into the correct inclination.
- * You can use the #1 and #3 keys on the numpad to adjust your plane alignment during the launch.

SCREEN SHOT EXAMPLE



|||||END OF OFSS MISSION-21 DOC|||||