

ORBITER FORUM SPACE STATION

Mission 20: XR5 + S3S4 Solar Panel

Pilot: [lennartsmi](#)



Launch Date: November 5, 2009 12:42:27 UTC

Mission 20 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.

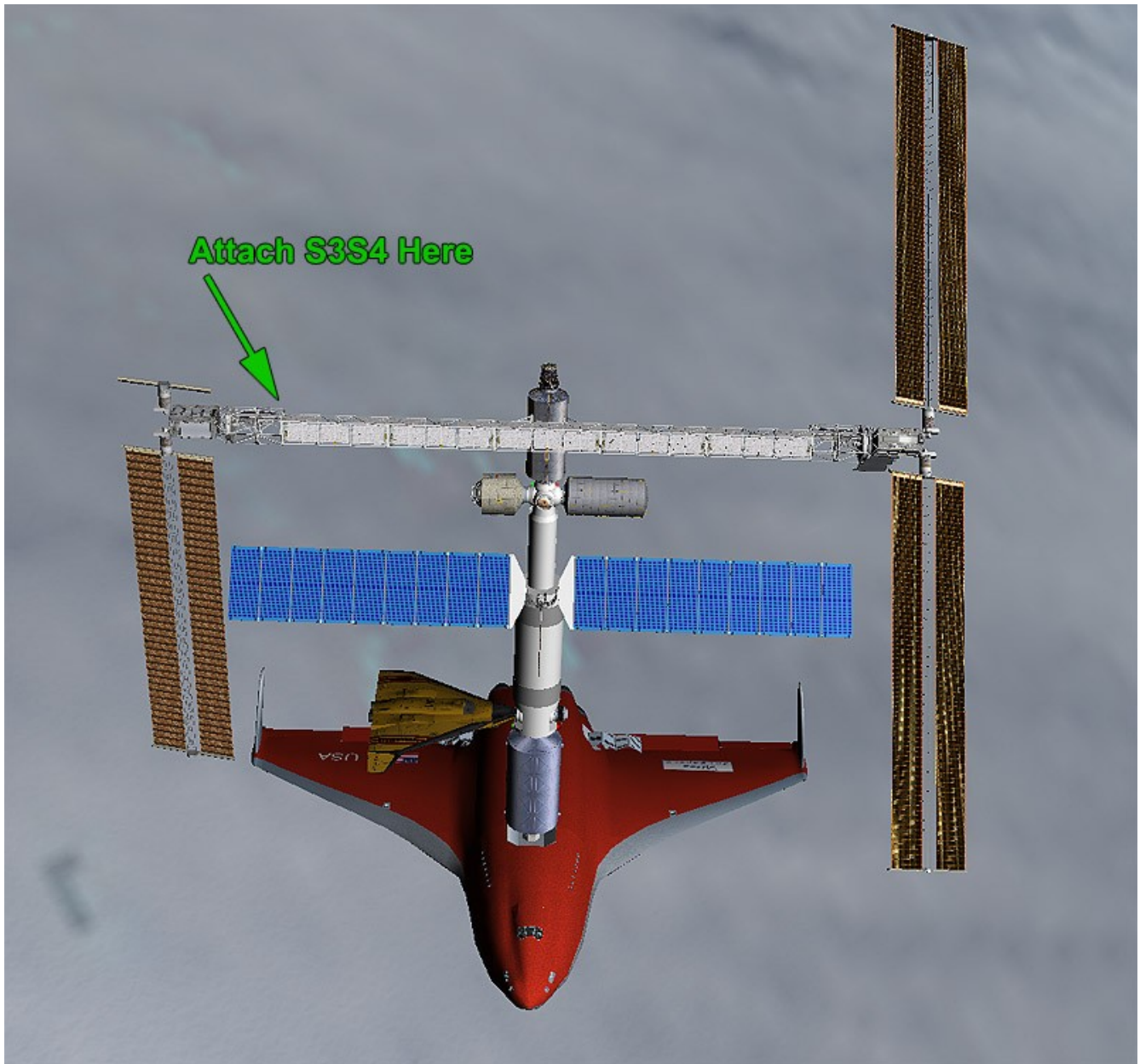
Mission Objectives:

1. Launch Orbiter and start the scenario “#020 Mission Launch - lennartsmi” located in 'Scenarios/Orbiter Forum Space Station'.
2. Take-off when the time to intersection on the Launch MFD reads 350 seconds.
3. Rendezvous and dock to Zoe-1.
4. Stow ALL solar panels on the station.
5. Using the XR5 hover engines, bring the station ApA down to match PeA around 420km with an Ecc as low as possible.
6. Attach S3S4 to the end of tex4 as shown in the example screen shot.
7. Deploy all of the OFSS solar panels and enable sun tracking.
8. Return XR5 to Wideawake.
9. 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.

SCREEN SHOT EXAMPLE



|||||END OF OFSS MISSION-20 DOC|||||