

ORBITER FORUM SPACE STATION

Mission 6 - XR5

Pilot: [Arrowstar](#)



Flight Scheduled for September 9, 2009 06:00 UTC

***Note:** If you're extracting this mission pack into an installation with previous OFSS mission packs, then you should delete the OFSS folder located in your Orbiter/Scenarios directory. The old and new scenarios are now located in 'Scenarios/Orbiter Forum Space Station'.

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>
- 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>
- Artemis -- <http://orbiter.mustard-fr.com/addons/themis.php>
- Delta Tug -- <http://www.orbithangar.com/searchid.php?ID=1127>
- DG-IV -- <http://orbiter.dansteph.com/index.php?disp=dgIV>
- Launch MFD -- <http://www.orbithangar.com/searchid.php?ID=2802>

Recommended MFDs:

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. Unzip XR-5 into the Orbiter folder.
7. Unzip Ariane 6 into the Orbiter folder.
8. Unzip PMA to the Orbiter folder.
9. Unzip Launch MFD to the Orbiter folder.
10. Unzip HL-20 to the Orbiter folder.
11. Unzip Shuttle Fleet to the Orbiter folder.
12. Unzip Artemis to the Orbiter folder.
13. Unzip Delta Tug and run the installer.
14. Install DeltaGlider-IV.
15. Unzip the newest Orbiter Forum Space Station package into the Orbiter folder.
16. Activate OrbiterSound module and LaunchMFD in the Orbiter launch pad.

Mission: (See screen shot examples on page 3)

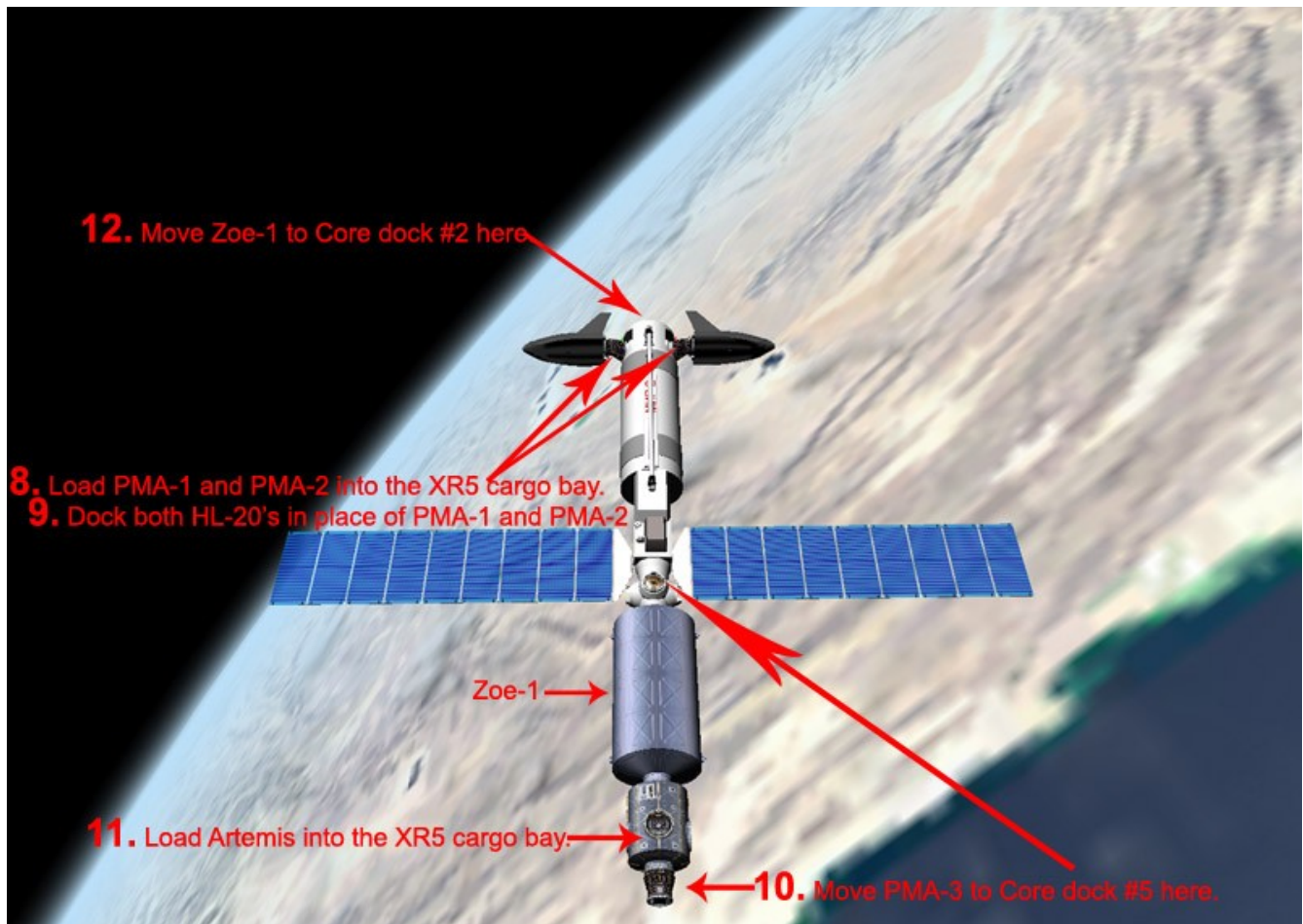
1. Launch orbiter and start the scenario “#006 Mission Launch - Arrowstar” located in 'Scenarios/Orbiter Forum Space Station'. The XR5 is ready for take-off at Wideawake International.
2. Open Launch MFD and enter “Core” as target. It now gives you the heading and the time for your launch. Wait until the time in LMFD is at 350s
3. Prepare your ship and launch into the heading shown by LMFD. Do a standard SCRAM-assisted ascend into an Orbit lower than the Core. A circular orbit somewhere between 200 and 280km is recommended.
4. Intercept the station, that should not take longer than 5 days.
5. Dock to the station, at PMA-3 below the Artemis node.
6. Boost the station up to it's final altitude of 400km circular Orbit, use the Hover engines, if the station begins to rotate use Killrot, and if required use COG shifting.
7. Undock both HL-20's from PMA-1 and PMA-2
8. Using the stations RMS, load PMA-1 and PMA-2 into the XR5 cargo bay.
9. Dock both HL-20's in place of PMA-1 and PMA-2 (Core dock #7 & 8).
10. Un-dock from the station (PMA-3) and use the station's RMS to grapple PMA-3 moving it to Core dock #5.
11. Next grapple Artemis and load it into the XR5 cargo bay for return to Wideawake.
12. Finally, grapple Zoe-1 and move it to Core dock #2.
13. Wait for the next landing opportunity at Wideawake using the Map MFD or BaseSync MFD.
14. Perform atmospheric reentry landing at Wideawake International using standard MFDs or Aerobrake MFD.
15. At the end of the mission after landing safely you should 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.**

The mission should be finished after three days, to keep the waiting time for the next pilot short.

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

MISSION SCREEN SHOT EXAMPLES



|||||END OF OFSS MISSION-6 DOC|||||