

Space Shuttle Vessel (SSV) Checklists

Revision 3.0

July 30, 2024

These are the NASA FDF Space Shuttle Checklists for use with SSV

Checklists are:

- Ascent
- Post Insertion
- Orbit
- Rendezvous
- Deorbit Prep
- Entry

The original checklists have been modified and adapted for SSV. I also made some minor structural and graphic/layout changes since I found the original checklists are a bit confusing: it is not uncommon to have to jump back and forth within different sections and/or pages when accomplishing a procedure (I believe this is partially due to the fact that the Shuttle Crew had also velcros around the flight deck where the crucial parts of the checklists were attached to).

The layout here has been changed by putting pretty much everything in a logical order:

this should in turn make it easier to follow the checklist while running through the mission.

Those sections related to systems that are not currently simulated in SSV have been withdrawn.

Procedures that are partially simulated have been customized (i.e. when operating APU's some switches on panel R2 are not active/moving, hence they have not been included in the checklist).

In some other cases (like the electrical system on panel R1) the switches can be moved despite the system is not functional in SSV; that means you can still run the checklist though it will have no effect on the orbiter status. These items are printed in **red** color. Items printed in **blue** color (i.e. APDS ops) refer to an input followed by an outcome specific for SSV that does not match the real Shuttle one.

Again this depends on the fact that some SSV systems are still under development and are not fully implemented yet.

For an Accurate Rendezvous Profile in SSV, Requires Shuttle FDO MFD:

<https://github.com/indy91/Shuttle-FDO-MFD/releases>

CREDITS: a BIG thanks to GLS for Creating the Space Shuttle Vessel (SSV) Addon for Orbiter 2016, Indy91 for Shuttle FDO MFD, Wolf for the Original Checklists for SSU and of course to Martin Schweiger, the “father” of Orbiter.

Enjoy your Shuttle missions with SSV!

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