Miltech Simulations MV-22B Tiltrotor

System Functions (SYST)

Most functions on the SYST page are not simulated, and therefore INOP (crossed with a green mark)

- **Blade Fold/Wing Stow (BFWS):** One of the unique features of the Osprey is its capability of folding the wings, propellers and stowing the aircraft in a reduced space. This is particularly important when operating to/from Vessels and Carriers. BFWS procedures are fully modeled in our rendition of the Osprey.
- **NOTE: Simulated Aircraft Geometry remains the same when the wings are folded or unfolded. Crash Detection must be Off for this feature to work well in tight spaces.**



Figure: SYST/BFWS Page

1. **FLIGHT READY:** Command to start the unfolding/unstowing process (when aircraft is Folded and Stowed OR Folded Horizontally)
2. **FULL STOW:** Command to start the Folding and Stowing process (when aircraft is FLIGHT READY)

3. **ROTOR LOCK:** Command to lock rotors. Cannot be activated if props are rotating.
4. **FOLD HORIZONTAL:** Command for horizontal blade folding without fully stowing the wings. (when aircraft is FLIGHT READY).
5. **Checklist:** Arrow marks items that have been completed automatically. See Normal Procedures on BFWS for more information