Miltech Simulations MV-22B Tiltrotor

Blade Fold/Unfold and Wing Stow (BFWS) Procedures

Flight Ready to Full Stow

1. Engine Control Levers - Check OFF
2. Nr - Check 0%
3. Rotor Brake - OFF
4. Battery - Check ON
5. APU - RUN/Engage
6. HYD Pressure - Check NORMAL
7. AREA - CLEAR
8. MFD -> SYST -> BFWS - SET
9. FLT RDY - Verify white with *
10. FULL STOW - Select
11. ROTOR LOCK - Select on MFD, verify white with *
12. Observe:

1. NAC Positioned to 90 deg
2. Proprotor blades index and lock
3. Left and right blades fold
4. Flaps position to 0 deg
5. Nacelles lower
6. Wing lockpin retraction
7. Wing Stow

13. FULL STOW - Verify white with *

Full Stow to Flight Ready

1. Engine Control Levers - Check OFF
2. Nr - Check 0%
3. Rotor Brake - OFF
4. Battery - Check ON
5. APU - RUN/Engage
6. HYD Pressure - Check NORMAL
7. AREA - CLEAR
8. MFD -> SYST -> BFWS - SET

9. FULL STOW - Verify white with *
10. FLT RDY - Select
11. ROTOR LOCK - Select on MFD, verify white with *
12. Observe:

1. Flaps positioned to 0 deg
2. Wing lockpin retraction
3. Wing unstow
4. NAC raise to 90 deg
5. Wing lockpin extension
6. Blades unfold

13. FLT RDY - Verify white with *
14. ROTOR LOCK - Deselect on MFD, verify green

Flight Ready to Fold Horizontal

1. Engine Control Levers - Check OFF
2. Nr - Check 0%
3. Rotor Brake - OFF
4. Battery - Check ON
5. APU - RUN/Engage
6. HYD Pressure - Check NORMAL
7. AREA - CLEAR
8. MFD -> SYST -> BFWS - SET
9. FLT RDY - Verify white with *
10. FOLD HORIZ - Select
11. ROTOR LOCK - Select on MFD, verify white with *
12. Observe:

1. NAC Positioned to 90 deg
2. Proprotor blades index and lock
3. Left and right blades fold
4. Flaps position to 0 deg
5. Nacelles lower

13. FOLD HORIZ - Verify white with *