

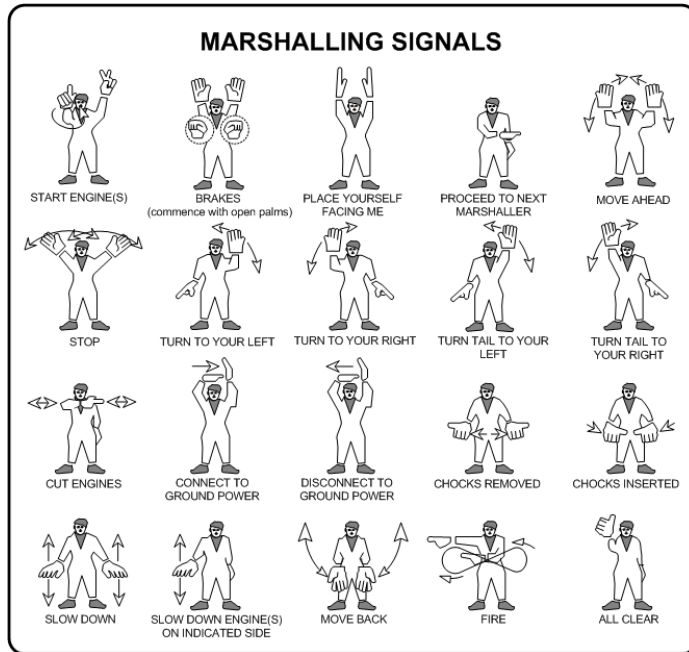
XIV.A. Postflight Procedures

About: The postflight is just as important as preflight in maintaining the plane and keeping it safe for the next flight

TSW: Develop understanding of how postflight procedures are completed at the end of the flight when the airplane is parked, shutdown and properly secured.

Parking

1. Select a parking location and heading that avoids the propeller/jet blast of other planes
2. Often, your choice is limited to designated parking spots and tie downs
 - a. Hand signals may be used if ramp personnel are available
3. After stopping, allow the airplane to roll forward to straighten the nose wheel



Engine Shutdown and Securing the Cockpit

4. Securing involves shutdown, removing personal belongings, postflight inspection, tiedown/chocked, flight controls secured, covered as necessary (shades, pitot covers, aircraft covers, etc.), and hangered
5. Follow the procedures outlined on the manufacturer's checklist for shutting down and securing
6. Read each item aloud and perform the task (Read and Do)

Deplaning Passengers

1. Ensure passengers understand the safe procedures for exiting the airplane (after engine shutdown)
2. Inform them when it is safe to unbuckle and exit
3. Ensure the passengers know where to go to prevent wandering into an unsafe situation

Postflight Inspection

1. After shutdown and deplaning, a postflight inspection should be accomplished
2. Check the general condition of the aircraft
 - a. Inspect the outside for any damage that may have occurred
 - b. Look for leaks, streaks, stains
 - c. Check oil, and other required fluids and replenish as necessary
 - d. Note any discrepancies

Securing the Aircraft

1. The aircraft should be hangered or tied down and chocked, flight controls secured, locked as required
 - a. Verify the nosewheel is straight
 - b. Tie downs may vary significantly between chains and well-worn ropes
2. Cover the airplane as required (airframe, propeller, shades, cowling inlet covers, etc.)
3. Close the windows, ensure you have everything, and lock the airplane

Refueling Procedures

1. Ensure the ramp personnel use the proper type/grade of fuel
2. Always check/drain the fuel prior to the next flight to be sure the proper fuel was used and water/sediment hasn't accumulated since the last flight

Common errors:

1. Not following manufacturers checklist
2. Leaving airplane in unsafe location