

Stall and Slow Flight Procedure

PROCEDURES BELOW ARE SPECIFIC TO C-IMJK SPORTSTAR

POWER OFF STALL

1. [ENTRY] Perform H-A-S-E-L check (Height - min 2000 AGL, Area, Security, Engine, Lookout)
2. [ENTRY] Pull the power to idle
3. [ENTRY] Pitch the nose up to maintain altitude. Keep pulling the stick back until aircraft is stalled
4. [ENTRY] Maintain wings level using rudder, not aileron and use the horizon to judge level
5. [RECOVERY] Lower the nose to break the stall (stick slightly forward)
6. [RECOVERY] Apply Full Power
7. [RECOVERY] Bring nose just above cruise attitude
8. [RECOVERY] Re-gain airspeed and desired altitude
9. [RECOVERY] Adjust Power and pitch attitude to return to normal cruise

SLOW FLIGHT

1. [ENTRY] Perform H-A-S-E-L check (Height - min 2000 AGL, Area, Security, Engine, Lookout)
2. [ENTRY] Pull the power to ~3700-3800 RPM, Reduce Indicated Airspeed to ~55KTS and attempt to reach equilibrium (constant airspeed, constant altitude, constant power). Adjust pitch/power slowly as needed reach equilibrium
3. [ENTRY] Check if in slow flight by moving controls gently – controls should feel mushy
4. [ENTRY] If not in slow flight, reduce power slightly, adjust pitch to maintain altitude -> Reach new equilibrium, adjust as necessary to maintain equilibrium
5. Repeat step #3
6. [RECOVERY] Lower the nose to exit slow flight (stick slightly forward)
7. [RECOVERY] Apply Power
8. [RECOVERY] Bring nose to cruise attitude
9. [RECOVERY] Re-gain airspeed and desired altitude