

HELICOPTER ENSTROM F28C (HB-XES)

PREPARATION OF HELICOPTER

1. Outside Check COMPLETED
2. Flight Log CHECKED
3. Flight Plan FILLED OUT

BEFORE STARTING ENGINE

1. Headsets CHECKED
2. Belts/PAX/Doors SECURE
3. Circuit Breakers ALL IN
4. All Switches OFF
5. Master Switch ON
6. Fuel Quantity CHECKED
7. **Departure Briefing** **COMPLETED**
8. Collective Friction RELEASE
9. Collective Travel CHECKED
10. Collective Friction LOCK
11. Flight Controls/Cyclic Trim CHECKED
12. Clutch DISENGAGED, LIGHT ON

ENGINE START

1. Fuel Valve PUSH, OPEN
2. Throttle FULL OPEN
3. Mixture FULL RICH
4. Booster Pump (Fuel Flow rise) ON
5. Booster Pump (Fuel Flow steady) OFF
6. Mixture FULL ARM
7. Throttle **CLOSE**
8. Rotor Blades CLEAR
9. Strobe Lights ON
10. Magnetos BOTH
11. Starter Switch ON
12. Mixture (as soon as firing) FULL RICH
13. Booster Pump ON
14. Alternator ON, CHECK LOAD
15. Engine Oil Pressure CHECKED, RISING)

NOTE

If Engine Oil Pressure is less 35 PSI after 30 Seconds, Stop Engine.

ROTOR ENGAGEMENT

1. Rotor Blades CLEAR
2. Pedals/Cyclic NEUTRAL POSITION
3. RPM Engine 1500 CHECKED
4. Clutch (no lower 1200 RPM) ENGAGE SLOWLY
5. RPM Rotor 100, ENGAGE FULL
6. RPM Engine 1800 CHECKED

ENGINE RUN UP

1. Nav. Lights AS REQUIRED
2. Avionics/Headsets ON, SET AND CHECK
3. Flight Instruments CHECK, SET
4. Warning Lights CHECKED
5. Booster Pump OFF (WARNING LIGHT ON)
6. Booster Pump ON (GREEN LIGHT)
7. Cylinder-Head Temperature >200°, CHECKED
8. RPM Engine 2300
9. Overrunning Clutch CHECKED, NEEDLE SPLIT
10. RPM Engine 1800
11. ELT / Transponder CHECKED
12. Collective Friction RELEASED
13. RPM Engine 2900
14. Magnetos CHECKED

NOTE

Max 150 RPM drop. Max 50 RPM differential

AFTER LANDING

1. Collective Pitch FULL DOWN
2. Collective Friction ON
3. Landing Lights OFF
4. RPM Engine 1800, 2 MINUTES
5. Cylinder-Head Temperature <300°, CHECKED
6. Throttle **CLOSE**
7. Clutch DISENGAGED
8. Avionics/Headsets OFF
9. Mixture FULL ARM
10. Booster Pump OFF
11. ALL SWITCH OFF (exp. Master/Strobe Lights)
12. Fuel Valve PULL, CLOSED
13. Rotor Stops ALL SWITCH OFF