

PREFLIGHT

- Landing Gear
- Control Surfaces (Including Gust Locks)
- Hull Plugs (7 Plugs, 6 Compartments)
- Fuel Level / Quality
- Engine / Oil / Prop
- Hydraulic Level / Pressure
- Master On
 - Lights
 - Pitot Heat (As Req'd)
- Water Rudder
- Secure Bow Locker

START

- Prop Forward
- Turbo Back (Or As Req'd)
- Set Throttle (As Req'd)
- Prime (As Req'd)
- Clear Prop
- Magnetos Start
- Mixture (As Req'd)
- Throttle (900 RPM)
- Check Gauges (Oil Pressure / Amps > 0)
- Radios / ATIS
- Heading Indicator
- Altimeter

RUN-UP

- Flight Controls
- Trim (Green Arc)
- Mixture Rich
- 1800 RPM
 - Magneto Check
 - Cycle Prop
 - Check Gauges
- 900 RPM
 - Check Gauges
- Activate Flight Plan

TAKE-OFF

- Lights (As Req'd)
- Transponder
- Mixture Best Power
- Prop Forward
- Gear, Flaps, Water Rudder
 - Land: "Down, Down, Up"
 - Water: "Up, Down, Up"
- Runway: Boost Pump On
- 500 Feet: Boost Pump Off / Flaps Up

LANDING

- Lights (As Req'd)
- Prop Forward
- Mixture Best Power
- Say Type Aloud
- Gear, Flaps, Water Rudder
 - Land: "Down, Down, Up"
 - Water: "Up, Down, Up"
- Hydraulic Pressure

SECURING

- Rockers Off
- Radios Off
- Mixture Cutoff
- Mags Off
- Master Off
- Tie-Downs / Anchor
- Close Flight Plan
- Pitot / Canopy Cover (As Req'd)

POWER LOSS

- Boost Pump On
- If No Restart...
- Glide 85
- Flaps Down
- Glide 74

COCKPIT FIRE

- Master Off
- Fire Extinguisher (If Equipped)

ENGINE FIRE

- Master Off
- Fuel Cutoff
- Dive to Extinguish (≥ 100 MPH)

HYDRAULIC CYCLING

- Check Gear / Flap / Trim Handles
- If Cycling Continues...
- Gear / Flap to Neutral
- Water Landing if Possible

GEAR STUCK

- Hydraulic Pump Off
- Select Gear Position
- Use Hand Pump (≥ 800 PSI)
- Check Light

TRANSPONDER CODES

SITUATION	CODE
Hijacking	7500
Lost Communications	7600
Emergency	7700

TOWER SIGNALS

COLOR	GROUND	IN FLIGHT
Steady Green	Cleared For Takeoff	Cleared To Land
Flashing Green	Cleared Taxi	Return For Landing
Steady Red	Stop	Yield, Continue Circling
Flashing Red	Taxi Clear of Landing Area	Airport Unsafe, Do Not Land
Flashing White	Return to Starting Point	N/A
Alt. Red/Green	Use Extreme Caution	Use Extreme Caution

RADIO FREQUENCIES

- Guard: 121.5
- Flight Watch: 122.0
- Air-To-Air: 122.75, 123.45 (technically trans-oceanic)

V-SPEEDS

- V_x 60
- V_y 65 (Flaps Up: 85)
- V_G 74* (Flaps Up: 85)
- V_{so} 45
- V_{s1} 52
- V_A 121
- V_{Lo} 125
- V_{FE} 125
- V_{NE} 146

* Recommended by instructor.
Manual says 60.