

Doupe Services

**C150
N23322**

NORMAL CHECKLIST

BEFORE STARTING ENGINES

Pre-flight Inspection.....COMPLETE
Passenger Briefing.....COMPLETE
Seats.....POSITION & LOCK
Seat Belts & Shoulder Harnesses.....CHECK
Brake.....TEST & SET
Avionics Switches.....OFF
Circuit Breakers.....CHECK
Fuel Selector Valve.....ON
Master Switch.....ON
Fuel Quantity Indicators.....CHECK
Checklist.....COMPLETE

STARTING

Mixture Control.....RICH
Throttle.....1/4 IN. OPEN
Carb Heat.....COLD
Primer.....AS REQUIRED
Ignition Switch.....BOTH
Prop area.....CLEAR
Start Button.....PUSH to START then RELEASE
Warm-up.....800 to 1000 RPM
Mixture.....LEAN as REQUIRED
All Engine Indicators.....CHECK
Amp Meter.....CHECK
Checklist.....COMPLETE

AFTER STARTING AND TAXI

NOTE: Do not operate engine above 1200 RPM
until oil temperature reaches 75°F.

Lights.....AS REQUIRED
Brakes.....CHECK
Steering.....CHECK
Checklist.....COMPLETE

RUNUP

Parking Brake.....AS REQUIRED
Flight Controls.....CHECKED
Mixtures.....RICH
Throttle.....1700 RPM
Suction Gauge.....4.6-5.4
Load meters and Engine Gauge.....CHECK
Magnetos.....CHECK
Carb Heat.....ON
Throttles.....IDLE
Carb Heat.....OFF
Throttles.....800-1000
Trim.....AS REQUIRED FOR TAKEOFF
Flaps.....CHECK
Flight Instruments and Radio.....SET
Doors & Windows.....CHECK
Parking Brake.....OFF
Checklist.....COMPLETE

BEFORE TAKE OFF

Flaps.....SET
Heading Indicator Compass.....CHECK

AFTER CLEARED ONTO RUNWAY

Landing Lights/Pulse Lights.....ON
Pitot Heat.....AS REQUIRED
Transponder.....ON/ALT
Mixtures.....RICH
Checklist.....COMPLETE

TAKEOFF

Take-Off Power.....FULL THROTTLE
Rotate.....50 MPH
Airspeed.....CLIMB at 73 MPH
Checklist.....COMPLETE

MAXIMUM PERFORMANCE T/O

Flaps.....UP
Carb Heat.....OFF
Brakes.....HOLD
Throttle.....FULL OPEN
Brakes.....RELEASE
Elevator Control.....SLIGHTLY TAIL LOW
Airspeed.....57 MPH
After Clearing obstacles Airspeed.....73 MPH
Checklist.....COMPLETE

CLIMB CHECK

Power.....FULL OPEN
Mixture.....AS REQUIRED
Airspeed.....75-80 MPH
Checklist.....COMPLETE

CRUISE

Maximum Cruise.....2750 rpm
Recommended Cruise.....2300 rpm
Economy Cruise.....2100 rpm
Throttles.....SET AS DESIRED
Mixture.....LEAN AS REQUIRED
Checklist.....COMPLETE

BEFORE LANDING

Seat Belts.....FASTENED
Seat Backs.....UPRIGHT
Fuel Indicator Valves.....CHECK
Lights.....AS REQUIRED
Mixtures.....RICH
Carb Heat.....ON
Airspeed.....65-75 MPH
Flaps.....APPROACH /15° POSITION
Airspeed.....60-70 MPH
Flaps.....FLAPS EXTENDED
Airspeed at 50ft.....60 MPH
Checklist.....COMPLETE

NORMAL LANDING

Airspeed.....60 MPH
Flaps.....30° POSITION
Touchdown.....MAIN WHEELS FIRST
Landing Roll...LOWER NOSE WHEEL gently
Braking.....MINIMUM REQUIRED
Checklist.....COMPLETE

SHORT FIELD LANDING

Throttle.....IDLE
Airspeed.....58 MPH
Flaps.....40° POSITION
Touchdown.....MAIN WHEELS FIRST
Landing Roll.....LOWER NOSE WHEEL
Flaps.....UP
Braking.....HEAVY as REQUIRED
Checklist.....COMPLETE

SOFT FIELD LANDING

Airspeed.....58 MPH
Flaps.....40° POSITION
Touchdown.....MAIN WHEELS FIRST
Throttle.....IDLE
Landing Roll.....ELEVATOR FULL UP
Braking.....AS REQUIRED
Carb heat.....OFF
Checklist.....COMPLETE

BALKED LANDING/GO AROUND

Power.....FULL
Carb heat.....OFF
Flaps.....20°
Airspeed.....57 MPH
Flaps.....SLOWLY RETRACT FULL UP
Airspeed.....57 MPH
After Clearing obstacles Airspeed.....73 MPH
Checklist.....COMPLETE

AFTER LANDING

Landing and Taxi Lights.....AS REQUIRED
Pitot Heat.....OFF
Strobe Lights.....OFF
Flaps.....UP
Carb heat.....OFF
Trim Tabs.....SET TO ZERO
Checklist.....COMPLETE

SHUTDOWN

Brakes.....SET
Throttles.....1000 RPM
Avionics Switch.....OFF
Mixtures.....IDLE CUT-OFF
Magnetos Switches.....OFF
Master/Battery.....OFF
Controls.....LOCKED
Tie-Down, Chocks.....REPLACE
Parking Brake.....RELEASE
Checklist.....COMPLETE

MISCELLANEOUS INFORMATION

Useful Load..... lbs.
Empty Weight..... lbs.
Moment.....

IMM Unicom.....122.9
IMM ATIS.....118.52
Curtis Doupe(516) 818-5003

“V” SPEEDS (MPH IAS)

Vs1.....55
Vso.....49
Vr.....50
Vx.....57
Vy.....73
Va.....109
Vno.....120
Vne.....162
Vfe.....100
Glide.....65

***This checklist does not relieve the Pilot in Command from knowing the expanded procedures.**