



NORMAL PROCEDURES CHECKLIST - CESSNA 150M

onlinecfi.com

BEFORE STARTING ENGINE

Preflight COMPLETE
Passenger Briefing SAFETY
Seats & Seat Belts ADJUST & LOCK
Fuel Shutoff Valve ON/DOWN
Avionics Master Switch OFF
Electrical Equipment OFF
Brake TEST & SET
Circuit Breakers CHECK IN

NORMAL ENGINE START

Mixture RICH
Carb Heat COLD
Master Switch ON
Prime COLD: 4-6 / WARM: 1-2
Throttle OPEN ¼ INCH
Flashing Beacon ON
Ignition Switch START (until engine starts)
Throttle 1000 RPMs
Oil Pressure CHECK
Nav Lights AS REQUIRED
Avionics Master ON
Radios ON
Flaps RETRACT

IF ENGINE FLOODS

Mixture IDLE CUTOFF
Throttle FULL OPEN
Starter CRANK SEVERAL REVOLUTIONS
Then proceed to the normal engine start

AFTER START/BEFORE TAXI

Mixture LEAN FOR TAXI
Comms SET
AWOS/ATIS COPY
Flight Instruments CHECK
Transponder CHECK SQUAWK
Brakes/Steering TEST
Obtain Taxi Clearance AS REQUIRED

RUN UP

Cabin Doors/Windows CLOSED & LOCKED
Seats & Seat Belts CHECK SECURE
Flight Controls FREE & CORRECT
Elevator Trim Control TAKEOFF
Flight Instruments SET
Fuel Quantity CHECK APPROPRIATE

Radios SET
Fuel Shutoff Valve ON/DOWN
Mixture RICH
Parking Brake SET
Throttle 1700 RPM
Magnetos BOTH > L > BOTH > R > BOTH
Note RPM drops, max drop 150, 75 differential
Carb Heat ON & CHECK RPM DROP
Vacuum Gauge CHECK
Engine Instruments CHECK
Ammeter CHECK
Throttle CHECK IDLE
Throttle 1000 RPMs
Carb Heat COLD/OFF

BEFORE TAKEOFF

Throttle Friction Lock ADJUST
Strobe/Nav/Beacon/Landing Light ON
Radios SET
Avionics SET
NAV/GPS SET
Transponder ALT
Elevator Trim SET FOR T/O
Wing Flaps SET FOR T/O (0° - 10°)
Mixture LEAN IF DELAY EXPECTED
Brief Departure/Abort Plan/Emergencies
Brakes RELEASE
Mixture RICH ONCE CLEARED FOR T/O

TAKEOFF - FLAPS LIGHTS CAMERA ACTION

Wing Flaps 0°
Mixture FULL RICH (below 5000')
Carb Heat COLD
Throttle FULL OPEN
Rotate 50 KIAS
Climb 60 - 70 KIAS

SHORT FIELD TAKEOFF

Wing Flaps 10°
Carb Heat COLD
Brakes APPLY
Mixture FULL RICH (below 3000')
Throttle FULL OPEN
Brakes RELEASE
Climb Speed 60 KIAS THEN V_x/V_y



NORMAL PROCEDURES CHECKLIST - CESSNA 150M

onlinecfi.com

ENROUTE CLIMB

Airspeed 65 - 75 KIAS
Throttle FULL OPEN
Mixture LEAN ABOVE 5000'

CRUISE

Power (<75%) 2000-2750 RPMs
Elevator Trim ADJUST
Mixture LEAN

DESCENT

Power AS REQUIRED
Mixture ADJUST
Radios SET
AWOS/ATIS COPY
Flight Instruments (Altimeter) SET
NAV/GPS SET

BEFORE LANDING

Seats & Seat Belts SECURED
Mixture RICH
Carb Heat ON
Landing Light ON
Airspeeds Flaps Up 60-70 KIAS
Wing Flaps BELOW 85 KIAS
Airspeed 50-60 KIAS

NORMAL LANDING

Touchdown MAIN WHEELS
Landing Roll NOSE DOWN GENTLY
Braking MINIMUM REQUIRED

GO AROUND

Throttle FULL OPEN
Carb Heat COLD
Wing Flaps RETRACT TO 20°
Climb Speed 55 KIAS (until obstacle cleared)
Wing Flaps RETRACT SLOWLY @ Vx/Vy

AFTER LANDING

Clear The Runway CHECK
Carb Heat COLD
Wing Flaps UP
Mixture LEAN FOR TAXI
Landing Light OFF

SHUTDOWN/SECURING AIRPLANE

Parking Brake SET
Electrical Equipment (Except Beacon)..... OFF

Avionics Master OFF
Mixture IDLE CUTOFF
Ignition Switch OFF
Key OUT
Master Switch OFF
Control Lock INSTALL
Tach/Hobbs COPY
Chocks & Tie Downs CONNECT