

CESSNA N9924B

DO NOT RELY ON THIS INFORMATION FOR AIRCRAFT OPERATIONS. ALWAYS USE THE OFFICIAL PILOT OPERATING HANDBOOK OR AIRCRAFT MANUAL.

BEFORE STARTING ENGINE

Preflight Inspection COMPLETE
Passenger Briefing COMPLETE
Seats, Belts, Shoulder Harness... ADJUST & LOCK
Fuel Selector Valve..... BOTH
Brakes..... SET
Circuit Breakers CHECK IN

STARTING ENGINE

Avionics/Radio Master OFF
Cowl Flaps OPEN
Mixture RICH
Prop HIGH RPM (IN)
Carburetor Heat COLD (IN)
Prime AS REQUIRED (2-4)
Throttle..... OPEN 1/4"
Master Switch ON
Propeller Area CLEAR
Ignition Switch..... START
Oil Pressure CHECK
Throttle..... WARM UP @ 1000RPM
Mixture Lean for Smooth Running
Avionics/Radio Master ON

BEFORE TAXI

Lights & Flashing Beacon AS REQUIRED
Audio Panel SET
DG VERIFY
Flaps UP
Brakes..... TEST
Weather Info OBTAIN

BEFORE TAKEOFF

Parking Brake SET
Doors and Windows CLOSE & LOCK
Flight Controls FREE & CORRECT
Fuel Selector Valve..... BOTH
Fuel Quantity CHECK
Oil Temp CHECK
Mixture RICH
Prop High RPM
Throttle..... 1800 RPM
Magnetos CHECK (150 max +/- 50 difference)
Carburetor Heat CHECK for RPM Drop
Engine Instruments & Ammeter CHECK
REDUCE THROTTLE TO 1500 RPM

CYCLE PROP *ONCE* THEN RETURN TO HIGH RPM
Throttle..... IDLE
Throttle Friction Lock ADJUST
Elevator and Rudder Trim..... SET for T/O
Annunciator Lights CHECK
Aux Fuel Pump CHECK
Gear Warning System CHECK
Flight Instruments CHECK & SET
Radios/GPS SET
Transponder ALTITUDE
Wing Flaps SET for Takeoff
Lights AS DESIRED
Brakes..... RELEASE

NORMAL TAKEOFF

Auto Pilot OFF
Wing Flaps UP
Carburetor Heat COLD (IN)
Elevator Trim SET
Cowl Flaps OPEN
Mixture RICH
Prop HIGH RPM
Throttle FULL OPEN
Elevator Control..... LIFT NOSE WHEEL (55 KIAS)
Brakes Momentarily Apply ONCE AIRBORNE
Landing Gear RETRACT
Climb Speed..... 84 KIAS

SHORT FIELD TAKEOFF

Auto Pilot OFF
Wing Flaps (Soft field 10°)(Short field 0°)
Carburetor Heat COLD (IN)
Elevator Trim SET
Cowl Flaps OPEN
Brakes APPLY
Mixture RICH
Throttle FULL OPEN
Brakes RELEASE
Elevator Control SLIGHTLY TAIL LOW
Climb Speed 63 KIAS
Brakes Momentarily Apply ONCE AIRBORNE
Landing Gear ..After Clearing Obstacles RETRACT

ENROUTE CLIMB

Cowl Flaps OPEN
Airspeed 85 KIAS
Throttle Maintain 25" MP
Prop 2500 RPM
Mixture RICH

CRUISE

Throttle 15"-24" MP
Prop 2100 – 2400 RPM
Elevator Trim ADJUST
Mixture LEAN
Cowl Flaps Closed-Open as Needed

DESCENT

Fuel Selector Valve BOTH
Throttle 15"-24" MP
Prop 2100-2500 RPM
Mixture ADJUST
Carburetor Heat FULL HEAT (OUT) AS REQD
Cowl Flaps As Needed

BEFORE LANDING

Auto Pilot OFF
Seats, Belts, Harnesses SECURE
Fuel Selector Valve BOTH
Landing Gear DOWN/GREEN LIGHT/CHECK
Mixture RICH
Prop High RPM
Carburetor Heat FULL HEAT (OUT)

NORMAL LANDING

Flaps AS DESIRED (below 85 KIAS)
 Airspeed 65-70 KIAS (flaps down)
 Touchdown MAINS FIRST
 Landing Roll Lower Nose Wheel Gently
 Braking MINIMUM REQUIRED

SHORT FIELD LANDING

Flaps FULL DOWN
 Airspeed 63 KIAS (until flare)
 Throttle REDUCE to Idle After Clearing Obstacle
 Touchdown MAINS FIRST
 Landing Roll Lower Nose Wheel Gently
 Braking AS REQUIRED
 Wing Flaps RETRACT

GO-AROUND

Throttle FULL OPEN
 Prop HIGH RPM (IN)
 Carburetor Heat COLD (IN)
 Wing Flaps 20° (Immediately)
 Climb Speed 65 KIAS
 Wing Flaps 10° (until obstacles cleared)
 Retract gear/flaps at safe altitude & climb .. 84 KIAS

AFTER LANDING

Lights AS REQUIRED
 Carburetor Heat COLD (IN)
 Prop HIGH RPM (IN)
 Mixture LEAN
 Wing Flaps UP
 Trim Set for Takeoff
 Cowl flaps OPEN

SHUTDOWN

Brakes SET
 Avionics Master OFF
 Electrical Equipment & Lights OFF
 Mixture IDLE CUTOFF
 Ignition Switch OFF
 Master OFF
 Control Lock INSTALL
 Hobbs RECORD
 Aircraft SECURE
 Flight Plan CLOSE

ENGINE FAILURE DURING TAKEOFF RUN

Throttle IDLE
 Brakes APPLY
 Wing Flaps RETRACT
 Mixture IDLE CUT-OFF
 Ignition Switch OFF
 Master Switch OFF

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed... 70 KIAS (flaps up) 65 KIAS (flaps down)
 Mixture IDLE CUT-OFF
 Fuel Selector Valve OFF
 Ignition Switch OFF
 Wing Flaps As Required
 Master Switch OFF

Max Weight 2658 lbs Useful Load 949.11 lbs
 Useful Load Full Fuel 553.11 lbs
 Oil Capacity 8 qts Fuel Capacity 66 gal Usable Fuel 62

Vso	42	Vfe	130	Downwind	75
Vs1	47	Va	89-106	Base	70
Vx	67 (68*)	Vno	145	Final	65
Glide	67	Vne	164	Short	63
Vy	84 (77*)	Vlo	140	TAS	130
*Note: @10,000ft		Vle	164	X-wind	15

ENGINE FAILURE DURING FLIGHT

Airspeed 75 KIAS
 Carb Heat ON
 Fuel Selector Valve BOTH
 Mixture RICH
 Aux Fuel Pump ON
 Ignition Switch BOTH (or Start if Prop Stopped)
 Primer IN & LOCKED
 Transponder 7700
 Radio 121.5 MAYDAY!

EMERGENCY LANDING W/O POWER

Airspeed ... 75 KIAS (flaps up) 65 KIAS (flaps down)
 Mixture CUT-OFF
 Fuel Selector Valve OFF
 Ignition Switch OFF
GEAR DOWN (UP for rough or soft terrain)
 Wing Flaps As Required (30° Recommended)
 Master Switch OFF
 Doors UNLATCH PRIOR TO TOUCHDOWN
 Touchdown Slightly Tail Low (min. speed)
 Brakes APPLY

Glenndale (8I3)

CTAF 122.90

Grissom (KGUS)

APPROACH 121.05(East) 123.85(West)
 TOWER 133.7
 GROUND 128.425
 ATIS 108.45
 CLEARANCE 120.0

Indy Exec (KTYQ)

CTAF 123.05
 AWOS 120.725
 (317-796-3154)

Kokomo (KOKK)

CTAF 123.0
 AWOS 128.675
 (765-452-3014)

Logansport (KGGP)

CTAF 122.8
 AWOS 118.5
 (574-737-7310)

Marion (KMZZ)

CTAF 122.7
 AWOS 108.6
 (765-674-1317)

Muncie (KMIE)

TOWER (CTAF) 120.1
 GROUND 121.9
 ATIS 133.25
 UNICOM 122.95

Noblesville (I80)

CTAF 122.9

Sheridan (5I4)

CTAF 123.075

Westfield (I72)

CTAF 122.90