

CESSNA N65518

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
Electrical Equipment/Avionics OFF
Brakes..... SET
Circuit Breakers CHECK IN

STARTING ENGINE

Avionics/Radio Master OFF
Mixture RICH
Carburetor Heat COLD (IN)
Prime AS REQUIRED (2-6)
Throttle..... OPEN 1/8"
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 SET
Flaps UP
Brakes..... TEST
Weather Information 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
Throttle..... 1700 RPM
Magnetos .. CHECK (125 max +/- 50 difference)
Carburetor Heat CHECK for RPM Drop
Engine Instruments & Ammeter..... CHECK
Suction Gage CHECK
Throttle..... IDLE
Throttle Friction Lock ADJUST
Elevator Trim SET for T/O
Flight Instruments CHECK & SET
Radios..... SET
Transponder ALTITUDE
Lights AS DESIRED
Brakes..... RELEASE

TAKEOFF

NORMAL

Wing Flaps UP
Carburetor Heat COLD (IN)
Elevator Trim SET
Mixture MAX RPM (RICH)
Throttle..... FULL OPEN
Elevator Control LIFT NOSE WHEEL (55 KIAS)
Climb Speed 76 KIAS

SHORT FIELD TAKEOFF

Wing Flaps Short field 10° Soft field 10°
Carburetor Heat COLD (IN)
Elevator Trim SET
Brakes..... APPLY
Mixture MAX RPM (RICH)
Throttle..... FULL OPEN
Brakes..... RELEASE
Elevator Control SLIGHTLY TAIL LOW
Climb Speed 56 KIAS

ENROUTE CLIMB

Airspeed 85 KIAS
Throttle FULL OPEN
Mixture RICH

CRUISE

Power 2200 – 2500 RPM
Elevator Trim..... ADJUST
Mixture LEAN

DESCENT

Fuel Selector Valve BOTH
Power AS DESIRED
Mixture ADJUST
Carburetor Heat FULL HEAT (OUT) AS REQD

BEFORE LANDING

Seats, Belts, Harnesses SECURE
Fuel Selector Valve BOTH
Mixture RICH
Carburetor Heat FULL HEAT (OUT)

LANDING

NORMAL LANDING

Airspeed 65 – 70 KIAS (flaps up)
Wing Flaps AS DESIRED (below 85 KIAS)
Airspeed 60 – 65 KIAS (flaps down)
Touchdown..... MAINS FIRST
Landing Roll LOWER NOSEWHEEL GENTELY
Braking MINIMUM REQUIRED

SHORT FIELD LANDING

Airspeed 65 – 70 KIAS (flaps up)
Wing Flaps FULL DOWN
Airspeed 61 KIAS (until flare)
Throttle REDUCE to idle after clearing obstacle
Touchdown..... MAINS FIRST
Landing Roll LOWER NOSEWHEEL GENTELY
Braking AS REQUIRED
Wing Flaps RETRACT

GO-AROUND

Throttle FULL OPEN
Carburetor Heat COLD (IN)
Wing Flaps 20° (immediately)
Climb Speed..... 55 KIAS
Wing Flaps 10° (until obstacles cleared)
RETRACT after reaching safe alt. & 60 kt

AFTER LANDING

Carburetor Heat COLD (IN)
Wing Flaps UP
Mixture LEAN
Lights..... As Required

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**

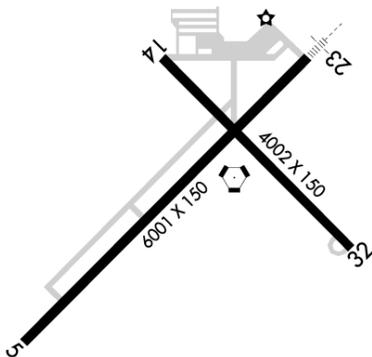
ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF
 Airspeed... **65** KIAS (flaps up) **60** KIAS (flaps down)
 Mixture..... IDLE **CUT-OFF**
 Fuel Selector Valve..... **OFF**
 Ignition Switch..... **OFF**
 Wing Flaps..... As Required
 Master Switch..... **OFF**

ENGINE FAILURE DURING FLIGHT
 Airspeed..... 65 KIAS
 Carb Heat..... **ON**
 Fuel Selector Valve..... BOTH
 Mixture..... RICH
 Ignition Switch..... BOTH (or Start if prop stopped)
 Primer..... IN & LOCKED
 Transponder..... 7700
 Radio..... 121.5 MAYDAY!

EMERGENCY LANDING W/O POWER
 Airspeed... **65** KIAS (flaps up) **60** KIAS (flaps down)
 Mixture..... **CUT-OFF**
 Fuel Selector Valve..... **OFF**
 Ignition Switch..... **OFF**
 Wing Flaps..... As required (full recommended)
 Master Switch..... **OFF**
 Doors..... UNLATCH PRIOR TO TOUCHDOWN
 Touchdown..... Slightly Tail Low (min. speed)
 Brakes..... APPLY HEAVILY

Max Weight 2400 lbs Useful Load 980 lbs
 Useful Load Full Fuel 722 lbs Max Baggage 120 lbs
 Oil Capacity 7 qts Fuel Capacity 43 gal Usable Fuel 40

Vso	33 KIAS	Vfe	85 KIAS	Downwind	75
Vs1	44 KIAS	Va	99 KIAS	Base	70
Vx	60 KIAS	Vno	127 KIAS	Final	65
Glide	65 KIAS	Vne	158 KIAS	Short	60
Vy	76 KIAS	X-wind	15 kts	TAS	110



Glendale (813)
 CTAF..... 122.90

Grisson (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 (514)
 CTAF..... 123.075

Westfield (I72)
 CTAF..... 122.90

