

CHEROKEE N3619R

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 PROPER TANK (lowest)
Autopilot OFF
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
Fuel Pump ON and CHECK pressure
Propeller Area CLEAR
Ignition Switch START
Oil Pressure CHECK
Throttle WARM UP @ 1000RPM
Fuel Pump OFF
Mixture Lean for Smooth Running
Avionics/Radio Master ON

BEFORE TAXI

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

BEFORE TAKEOFF

Parking Brake SET
Doors and Windows CLOSE & LOCK
Flight Controls FREE & CORRECT
Fuel Selector Valve PROPER TANK (fullest)
Fuel Quantity CHECK
Oil Temp CHECK
Mixture RICH
Throttle 2000 RPM
Magnetos .. CHECK (125 max +/- 50 difference)
Carburetor Heat CHECK for RPM Drop
Engine Instruments & Ammeter CHECK
Suction Gage CHECK
Throttle IDLE then 1000 RPM
Throttle Friction Lock ADJUST
Elevator and Nose Trim SET for T/O
Fuel Pump ON
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 MPH)
Climb Speed 85 MPH

SHORT FIELD TAKEOFF

Wing Flaps Short field 0 Soft field 25
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 74 MPH

ENROUTE CLIMB

Airspeed 100 MPH
Throttle FULL OPEN
Mixture RICH
Fuel Pump ON

CRUISE

Power 2200 – 2500 RPM
Elevator Trim ADJUST
Mixture LEAN
Fuel Pump OFF

DESCENT

Fuel Selector Valve PROPER TANK (fullest)
Power AS DESIRED
Mixture ADJUST

BEFORE LANDING

Seats, Belts, Harnesses SECURE
Autopilot OFF
Fuel Selector Valve PROPER TANK (fullest)
Fuel Pump ON
Mixture RICH
Carburetor Heat AS REQUIRED

LANDING

NORMAL LANDING

Wing Flaps AS DESIRED (below 115 MPH)
Airspeed 80 – 85 MPH (flaps down)
Touchdown MAINS FIRST
Landing Roll LOWER NOSEWHEEL GENTELY
Braking MINIMUM REQUIRED

SHORT FIELD LANDING

Wing Flaps FULL DOWN
Airspeed 80 MPH (until flare)
Throttle REDUCE to Idle after clearing obstacle
Touchdown MAINS FIRST
Landing Roll LOWER NOSEWHEEL GENTELY
Braking AS REQUIRED

GO-AROUND

Throttle FULL OPEN
Carburetor Heat COLD (IN)
Wing Flaps RETRACT SLOWLY
Climb Speed 74-85 MPH

AFTER LANDING

Carburetor Heat COLD (IN)
Wing Flaps UP
Mixture Lean
Fuel Pump OFF
Lights As Required

SHUTDOWN

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

ENGINE FAILURE DURING TAKEOFF RUN

Throttle..... IDLE
 Brakes..... APPLY

WITH FIRE

Mixture IDLE CUT-OFF
 Ignition Switch..... OFF
 Master Switch OFF

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed... 80 MPH (flaps up) 70 MPH (flaps down)
 Mixture IDLE CUT-OFF
 Fuel Selector Valve..... OFF
 Ignition Switch..... OFF
 Wing Flaps As Required
 Master Switch OFF

ENGINE FAILURE DURING FLIGHT

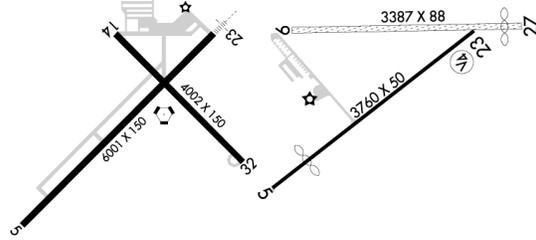
Airspeed..... 80 MPH
 Carb Heat ON
 Fuel Selector Valve..... SWITCH TANKS
 Fuel Pump ON
 Mixture RICH
 Ignition Switch..... BOTH (or Start if prop stopped)
 Primer IN & LOCKED
 Transponder 7700
 Radio 121.5 MAYDAY!

EMERGENCY LANDING W/O POWER

Airspeed... 80 MPH (flaps up) 70 MPH (flaps down)
 Mixture CUT-OFF
 Fuel Selector Valve..... OFF
 Ignition Switch..... OFF
 Wing Flaps As required (full recommended)
 Master Switch OFF
 Door UNLATCH PRIOR TO TOUCHDOWN
 Touchdown Slightly Tail Low (min. speed)
 Brakes..... APPLY HEAVILY

Max Weight 2400 lbs Useful Load 972.5 lbs
 Useful Load Full Fuel 678.5 lbs Max Baggage 200 lbs
 Oil Capacity 8 qts Fuel Capacity 50 gal Usable Fuel 49

Vso	57 MPH	Vfe	115 MPH	Downwind	90
Vs1	67 MPH	Va	129 MPH	Base	85
Vx	74 MPH	Vno	140 MPH	Final	80
Glide	80 MPH	Vne	171 MPH	Short	76
Vy	85 MPH	X-wind	15 kts	TAS	143

**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