

N734BW – NORMAL CHECKLIST

Vx 59 Vy 73 Vg 65

BEFORE START

Exterior COMPLETE
 Seats, Belts ADJUST & LOCK
 Passenger Brief COMPLETE
 PIC
 S – Seats & Belts
 A – Aircraft
 F – Fire / No Smoking
 E – Exits
 T – Talking
 Y – Your Questions?
 Cell Phones AIRPLANE MODE
 Fuel Shutoff Valve BOTH
 Elevator Trim TAKE OFF
 Rudder Trim NEUTRAL
 Avionics OFF
 Electrical Equip. (Lights) OFF
 Beacon ON
 Circuit Breakers CHECK

STARTING ENGINE

Brakes TEST & HOLD
 Mixture RICH
 Carburetor Heat COLD/OFF
 Prime AS REQUIRED
 COLD One (1) Full Prime
 WARM Half (½) Prime
 HOT No Prime
 Throttle OPEN ¼"
 Master Switch ON
 Propeller Area CLEAR
 Ignition Switch START
 Oil Pressure CHECK
 Ammeter CHECK
 Mixture LEAN
 Avionics ON
 Transponder STBY/1200
 Weather OBTAIN
 Flaps UP
 Heading Indicator SET
 Radio CHECK

TAXI CHECK - while moving

Brakes TEST
 Compass SWING FREELY
 Airspeed READS ZERO
 Attitude Indicator UP & STABILIZED
 Altimeter W/I 75' OF ELEVATION
 Turn Coordinator TURN IN PROPER DIRECTION/ BALL OPPOSITE
 Heading Indicator SWINGS FREE
 VSI NOTE WHAT IT READS

RUN UP

Flight Controls FREE & CORRECT
 Brakes SET
 Mixture RICH
 Throttle 1700RPM's
 Engine Instruments CHECK
 Ammeter CHECK
 Suction CHECK
 Magnetos CHECK (Drop not to exceed 150 RPM's and 75 differential)
 Carb Heat ON-Check RPM Drop
 Throttle IDLE CHECK
 Carburetor Heat OFF
 Throttle 1000 RPM's
 Mixture LEAN
 Alternate Static CHECK
 Flight Instruments CHECK/SET
 Comm Radio's SET
 Nav Radio's SET
 Throttle Friction Lock ADJUST



813-622-UFLY

CLIMB

Trim SET
 Landing Light OFF
 Flight Plan OPEN

CRUISE

Power 2000-2500 RPM's
 Trim SET
 Landing Light OFF
 Mixture (Rich below 3,000 DA) LEAN
 Heading Indicator CHECK
 Flight Plan OPEN

DESCENT

Passenger Brief COMPLETE
 Carburetor Heat IF REQUIRED
 Power AS DESIRED
 Mixture ENRICHEN SLOWLY
 Trim SET

NORMAL TAKEOFF

Landing Light ON
 Strobe Lights ON
 Transponder ALT
 Mixture RICH
 Doors & Windows LATCHED
 Time Off LOG
 Flaps SET 10°
 Compass & Rwy Heading VERIFY
 Throttle FULL
 Rotate 55 KIAS
 Climb 70-85 KIAS

SHORT FIELD TAKEOFF

Landing Light ON
 Strobe Lights ON
 Transponder ALT
 Mixture RICH
 Doors & Windows LATCHED
 Time Off LOG
 Flaps SET 10°
 Runway USE MAX AVAILABLE
 Brakes HOLD
 Throttle FULL OPEN
 Engine Instruments CHECK
 Brakes RELEASE
 Yoke SLIGHT FORWARD PRESSURE
 Rotate & Climb Out at Vx 55 KIAS
 Obstacle Clear ACCELERATE TO Vy 73 KIAS
 Flaps RETRACT
 Normal Climb ACCELERATE

SOFT FIELD TAKEOFF

Landing Light ON
 Strobe Lights ON
 Transponder ALT
 Mixture RICH
 Doors & Windows LATCHED
 Time Off LOG
 Flaps SET 10°
 Yoke AFT
 Brakes AVOID USING
 Throttle FULL
 Lift Off ASAP ACCELERATE IN GROUND EFFECT TO Vy – 67-73 KIAS
 FLAPS RETRACT
 Normal Climb 70-85 KIAS

BEFORE LANDING

Add ½ Gust Factor to all speeds
 G – Gas (Fuel Selector) ON
 L – Landing Light ON
 U – Under-Carriage CHECK
 M – Mixture RICH
 P – Power SET
 S – Seat Belts SECURE

NORMAL (C-GLUMPS)

Carb Heat ON
 Approach FLAPS 0° 70 KIAS
 FullFlaps 65 KIAS

SHORT FIELD

Carb Heat ON
 Flaps FULL
 Airspeed 60 KIAS
 Approach STEEP DESCENT
 Touchdown AVOID FLOATING
 Brakes APPLY HEAVILY
 Flaps RETRACT
 Elevator FULL BACK PRESSURE

SOFT FIELD

Carb Heat ON
 Flaps FULL
 Airspeed 65 KIAS
 Approach STEEP DESCENT
 Touchdown NOSE HIGH
 Carburetor Heat OFF
 Brakes AVOID USING

AFTER LANDING

Flaps RETRACT
 Mixture LEAN
 Carburetor Heat OFF
 Transponder 1200/STANDBY
 Landing Light OFF
 Strobe Lights OFF
 Trim SET FOR TAKEOFF

ENGINE SHUT DOWN

Throttle 1000RPM's
 Avionics OFF
 Lights - (Beacon On) OFF
 Mixture IDLE/CUT OFF
 Ignition Key OFF & OUT
 Master OFF

SECURING AIRCRAFT

Tach/Hobbs NOTE
 Control Lock INSTALL
 Sun Visors INSTALL
 Tie Down SECURE
 Flight Plan CLOSE
 Remove Person Items & TRASH