

CHECKLIST LN-BTS / LN-BGQ

BEFORE STARTING ENGINE

Preflight Inspection COMPLETED
Documents ON BOARD
Aircraft Log CHECKED AND SIGNED
Tow Rod/Wheel Blocks REMOVED
Doors CLOSED AND LATCHED
Empty Seats CHECKED
Parking brake SET
Passenger Briefing COMPLETED
Seats/Belts/Harness ADJ. AND LOCKED
ELT ARMED
Autopilot (LN-BTS) OFF
Avionics OFF
Circuit Breakers IN
Carburator Heat OFF

STARTING ENGINE

Engine fire procedure BRIEF
Fuel Selector LOWEST TANK
Throttle OPEN 1 CM
Master Switch ON
Annunciator panel TEST
Navigation lights AS REQUIRED
Anti-Collision Lights ON
Mixture FULL RICH
Electrical Fuel Pump ON
Fuel pressure CHECKED
Prime AS REQUIRED
Starter ENGAGE
Throttle 1000 RPM
Oil Pressure CHECKED
Primer LOCKED
Electrical Fuel Pump OFF
Fuel Pressure/ Quantity CHECKED
Avionics ON
Radios ON
Transponder ALT / 7000
Gyro SET

TAXI CHECK

Brakes CHECKED
Turn and bank indicator CHECKED
Gyro and compass CHECKED

GROUND

Parking Brake SET
Altimeter SET & CHECK ALT
Fuel Selector CHANGE / FULLEST TANK
Throttle 2000 RPM
Magnetos CHECKED
..... (max drop 175 RPM, Max diff 50 RPM)
Vacuum (5"HG +/- 1) CHECKED
Alternator CHECKED
Oil temperature / pressure GREEN
Carburator Heat CHECKED AND OFF
Throttle IDLE, THEN 1000 RPM
Mixture LEAN FOR TAXI

BEFORE TAKE-OFF

Flight instruments NORMAL
Flaps CHECKED AND SET
Trim Tab SET FOR TAKE-OFF
Flight Controls CORRECT AND FREE
Departure / Engine failure BRIEF
Transponder SET/ALT

HOLDING / LINE-UP

Electrical Fuel Pump ON
Landing Lights/Strobes ON
Mixture SET
Gyro ADJUSTED

TAKE-OFF

RPM CHECKED (MIN 2300)
Engine instruments GREEN
Airspeed ALIVE
VR: 55 KIAS VX: 65 KIAS VY 80 KIAS

AFTER TAKE-OFF

Power SET
Mixture LEAN
Electrical Fuel Pump OFF
Landing Lights OFF

APPROACH / LANDING

Fuel Selector PROPER TANK
Carburator Heat AS REQUIRED
Electrical Fuel Pump ON
Landing Lights ON
Mixture SET
Primer LOCKED
Magnetos BOTH
Seats/Belts/Harness FASTENED
Go Around Proc. BRIEF
Carburator Heat OFF ON SHORT FINAL

GO AROUND PROCEDURE

-Full throttle
-Carburator heat off
-Flaps retract to 25 (2nd notch)
-Accelerate to min VX (65 KIAS)
-At safe altitude: Retract flaps smoothly

AFTER LANDING

Flaps RETRACT
Electrical Fuel Pump OFF
Landing Lights/Strobes OFF
Mixture LEAN

STOPPING ENGINE / PARKING

Parking Brake SET
Transponder 7000/OFF
Avionics (Master for LN-BTS) OFF
Navigation Lights OFF
Throttle IDLE
Mixture IDLE CUT OFF
Anti Collision Lights OFF
Magnetos OFF
Master Switch OFF
If pushing is required – Parking brake OFF
Flightplan CLOSED by ATC or AIS/NOTAM

EMERGENCY PROCEDURES

Refer to POH for complete description

EVACUATION

ENGINE SHUTDOWN
..... Throttle: IDLE
..... Mixture: CUTOFF
..... Magnetos: OFF
..... Fuel selector: OFF
ATC ADVICE
Master Switch OFF
Fire extinguisher AS REQUIRED

Evacuate the aircraft

ENGINE FIRE DURING START

If engine does not start

Starter CRANK
Mixture IDLE CUT OFF
Throttle FULL OPEN
Electrical Fuel Pump OFF
Fuel Selector OFF

*Perform **evacuation procedure** as needed*

If engine start

Throttle 1700 RPM 2 MIN
Mixture IDLE CUT OFF

*Perform **evacuation procedure** as needed*

ENGINE FAILURE – TAKE OFF

On runway

Throttle CLOSE

*Stop straight ahead and perform **Evacuation procedure** as needed.*

Below safe turning altitude

Nose DOWN
Throttle CLOSE
Flaps AS REQUIRED

*Land straight ahead, make small adjustments to avoid obstacles. Perform **emergency landing proc** as appropriate.*

Above safe turning altitude

Nose DOWN
Throttle CLOSE
Turn INTO WIND
Flaps AS REQUIRED

*Maintain control of aircraft and evaluate safest course of action. Perform **engine failure/fire and emergency landing procedure** as appropriate.*

ENGINE FAILURE

Fuel Selector CHANGE
Carburator Heat ON
Electrical Fuel Pump ON
Mixture FULL RICH
Primer LOCKED
Magnetos BOTH

*Attempt restart. Perform **Emergency landing Procedure***

EMERGENCY LANDING

Landing Area IDENTIFY
Emergency DECLARE
(ATC, ELT, XPDR 7700 as appropriate)
Seatbelts FASTENED
Doors OPEN
Engine SHUTDOWN
..... Throttle: IDLE
..... Mixture: Cutoff
..... Magnetos: OFF
..... Fuel selector: OFF
Master switch OFF
Land with Full flaps at minimum speed

FIRE EN ROUTE

Engine fire

Fuel Selector OFF
Throttle CLOSE
Mixture IDLE CUT OFF
Fuel Pump OFF
Cabin heat / Defroster CLOSED
*Continue with **emergency landing procedure***

Electrical fire

Master Switch OFF
Cabin heat / Defroster OFF
Fire extinguisher As required
Cabin VENTILATE
Evaluate situation and take appropriate action

ALTERNATOR FAILURE

Alternator Master Switch OFF
Electrical Load REDUCE
Alternator Circuit breaker CHECK IN
Alternator Master Switch ON
No charge:
Alternator Master Switch OFF
Evaluate situation and take appropriate action

Memory items

Normal procedures
Emergency procedures

V Best glide 75 KIAS
V Final approach 65 KIAS
Demonstrated X-wind component 17 KIAS

Usable fuel 48 gal – 182 L
Fuel fillerneck 17 gal ca. 128 L
Max weight 2325 lbs

