

# CHECKLIST LN-IMA

## BEFORE STARTING ENGINE

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

## STARTING ENGINE

Engine fire procedure ..... BRIEF  
Fuel Selector ..... ON  
Throttle ..... OPEN 1 CM  
Master Switch ..... ON  
Navigation lights ..... AS REQUIRED  
Anti-Collision Lights ..... ON  
Mixture ..... FULL RICH  
Prime ..... AS REQUIRED  
(Normally priming not required on this particular aircraft)  
Starter ..... ENGAGE  
Throttle ..... 1000 RPM  
Oil Pressure ..... CHECKED  
Primer ..... LOCKED  
Fuel Quantity ..... CHECKED  
Avionics ..... ON  
Radios ..... ON  
Transponder ..... ALT / 7000  
Gyro ..... SET

## TAXI

Brakes/Steering ..... CHECKED  
Turn and bank indicator ..... CHECKED  
Gyro and compass ..... CHECKED

## GROUND CHECK

Parking Brake ..... SET  
ATIS ..... CHECK  
Altimeter ..... SET & CHECK ALT  
Radio - Start up ..... REQUEST  
Throttle ..... 1700 RPM  
Magnetos ..... CHECKED  
(max drop: 125, max diff: 50)  
Vacuum ..... 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  
Radio - Clearance (VFR + taxi) ..... REQUEST  
Transponder ..... SET/ALT

## HOLDING / LINE-UP

Landing Lights ..... ON  
Mixture ..... SET  
Gyro ..... ADJUSTED

## TAKE-OFF

RPM ..... MIN 2100  
Engine instruments ..... GREEN  
Airspeed ..... ALIVE  
VR: 50 KIAS VY 60-67 KIAS

## AFTER TAKE-OFF

Power ..... SET  
Mixture ..... LEAN  
Landing Lights ..... OFF

## APPROACH / LANDING

Fuel Selector ..... ON  
Carburator Heat ..... ON  
Mixture ..... SET  
Primer ..... LOCKED  
Magnetos ..... BOTH  
Landing Lights ..... ON  
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 20  
-Accelerate to Vy  
-At safe altitude: Retract flaps smoothly

## AFTER LANDING

Flaps ..... RETRACT  
Landing Lights ..... OFF  
Mixture ..... LEAN

## STOPPING ENGINE / PARKING

Parking Brake ..... SET  
Transponder ..... 7000/OFF  
Avionics ..... 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  
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 ..... ON  
Carburator Heat ..... 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

### FIRE EN ROUTE

**Engine fire**  
Mixture ..... IDLE CUT OFF  
Fuel Selector ..... OFF  
Throttle ..... CLOSE  
Cabin heat / Air ..... OFF  
*Continue with **emergency landing procedure***

**Electrical fire**

Master Switch ..... OFF  
Radio/transponder ..... OFF  
Cabin heat / Air ..... OFF  
Fire extinguisher ..... As required  
Cabin ..... VENTILATE  
*Evaluate situation and take appropriate action*

**Memory items**

Normal procedures  
Emergency procedures

V Best glide ..... 60 KIAS  
V Final approach ..... 55-60 KIAS  
Demonstrated X-wind component ..... 12 KTS

Usable fuel ..... 24,5 gal – 93 L  
Max weight ..... 758 kg

