

**GROUND CHECKLIST LN - DFL****Before starting engine**

Preflight Inspection	Complete
Pedals - Seatbelts	Adjust-locked
Fuel shut-off valve	Open
Avionics Master switch	Off
Electrical switches	Off
Brakes	Test - Set
Circuit breakers	Checked

**Starting engine**

Canopy	Close and Secure
Master switch	On
Annunciator light	Checked
Carb. Heat	Off
Throttle	Set
Propeller	Full forward
Fuel pump	On
Annunciator light	Checked
Strobes	On
Propeller area	Clear
Choke	(Hold out)
Ignition switch	Start
Choke	Release slow
Throttle	Max.1500 RPM
Oil pressure	Checked

**After starting engine**

Fuel pump	Off
Annunciator light	Checked
Avionic Master Switch	On
Flaps	Up
Fuel quantity	Checked
Exterior lights	As required

**Before take-off**

Parking brake	Set
Engine instruments	Checked
Voltmeter	Checked
Throttle	1800 RPM
Propeller	Cycle 1 time
Magnetos	Checked
Throttle	1500 RPM
Carburetor heat	On
Idle RPM	Checked
Carburetor heat	Off
Throttle	Max.1500 RPM
Canopy	Closed / locked
Flight controls	Free
Elevator trim	Take-off position
Flight instruments	Set - Checked
Fuel valve	Check Open
Fuel pump	On
Flaps	T/O
Propeller	Full forward
Engine failure procedure	Memorised

**Engine shutdown**

Throttle	Idle
Parking brake	Set
Avionics Master switch	Off
Electrical switches	Off
Ignition switch	Off
Master switch	Off

**INFLIGHT CHECKLIST LN -DFL****Take off**

Propeller	Full forward
Throttle	Full forward
Nose wheel	Clear runway
Vx	57 KIAS
Vy	65 KIAS

**500 feet**

Propeller	2260 RPM
Flaps	Up
Fuel pump	Off
Speed	69 KIAS

**Cruise**

Propeller	2100 RPM
Throttle	23 inches

**Cruise climb**

Propeller	2260 RPM
Throttle	Full

**Cruise decent**

Propeller	2100 RPM
Throttle	18 inches

**Downwind**

Seatbelts	Fastened
Brakes	Test
Fuel pump	On
Magnetos	Both
Fuel valve	Check open

**Key point**

Carburetor heat	Check
Throttle	13" – 14"
Flaps	TO
Propeller	Full forward
Speed	65 KIAS

**Short final**

Speed	57 KIAS
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**Airwork**

Cockpit	Checked
Seatbelts	Fastened
Fuel pump	As required
Carburetor heat	As required
Propeller	2260 RPM
Throttle	As required

**Best glide**

Speed	73 KIAS *
Flaps	Take-off position
* 750 total weight	

**Crosswind component**

Max crosswind component	15 KTS
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