



Dwarf - Vliedschool Hilversum

TL-3000 Sirius (PH-4T7) Checklist

Before Starting Engine

Outside inspection	completed
Ship's papers	on board
Safety belts	fastened
Doors closed	and locked
Parking brake	set
Fuel selector valve	fullest tank
All electrical switches	off
Radio and transponder	off

Starting Engine

Key	installed
Master switch (red)	on
Strobe light switch	on
Instrument switch	on
Fuel pump on (check)	then off
Throttle	closed (nudge)
Propeller	full fine
Choke (cold engine)	pull
Propeller area	clear
Start engine	turn key

After Starting

Throttle	2,000 / 2,500 rpm
Engine instruments	check
Radio and transponder	on
Flaps	up

During Taxiing

Speed	max. 15 km/h
Brakes	check
Compass and slip indicator	check

Engine Check

Parking brake	set
Engine instruments	check
Check behind	clear
Throttle	3,500 rpm
Magneto check L/R	max drop 150 rpm
Throttle	idle (1,500 rpm)

Before Take-off Checks

Safety belts	fastened
Controls	free and correct
Trim	neutral
Flaps	as required (15°)
Propeller	full fine
Flight + Engine instruments	check (Altimeter!)
Transponder	ACS

Take-off Procedure

Parking brake	release
Throttle full	check >5,000 rpm
Lift nose at	80 km/h
Climb speed	130 km/h

After Take-off

Brakes	apply
Flaps	up above 100 ft.
Engine instruments	check
Power	27 inch / 5,200 rpm

Clear off the Circuit (Cruise)

Cruise	25 inch / 4,900 rpm
Check fuel tanks	left / right

Before Descent

Altimeter	set
Fuel selector	fullest tank
Power	20 - 17 inch

Downwind Checks

Safety belts	fastened
Fuel check tanks	left / right
Fuel selector	fullest tank
Landing Light	on
Power	20 inch
Propeller	full fine
Speed	< 140 km/h
Flaps	15°
Trim	set
Engine instruments	check

Baseleg Checks

Power	13 inch
Speed	< 120 km/h
Trim	set

On Final Checks

Power	13 - 15 inch
Speed	< 120 km/h
Decision altitude	
Speed	< 105 km/h
Flaps	landing
Threshold	< 90 km/h
Touchdown	75 km/h

After Landing

Flaps	up
Landing light	off

After Parking

Parking brake	set
Throttle	idle run
Radio and transponder	off
All electric switches	off
Ignition	off
Master switch (red)	off
Flight time	write down