

3.5) After engine start

⚠ WARNING

Non-compliance can result in serious injuries or death!
Do not start the engine if any person is near the running engine.

Warming up period

Step	Procedure
1	Start warming up period at approx. 2000 rpm for approx. 2 minutes.
2	Continue at 2500 rpm, duration depending on ambient temperature, until oil temperature reaches 50 °C (120 ° F).
3	Check temperatures and pressure.

Throttle response

ATTENTION

After a full-load ground test allow a short cooling run at idle speed to prevent vapour formation in the cylinder head.

Step	Procedure
1	Short full throttle ground test (consult Aircraft Operators Manual since engine speed depends on the propeller used).

Ignition check

Check the two ignition circuits at **4000 rpm** (approx. 1700 rpm propeller).

Step	Procedure
1	Speed drop with only one ignition circuit must not exceed 300 rpm (approx. 130 rpm propeller).
2	115 rpm (approx. 50 rpm propeller) max. difference of speed by use of either circuit, A or B.

NOTE

The propeller speed depends on the actual reduction ratio.

Propeller governor

Check of hydraulic propeller governor:

Check control of the hydraulic propeller governor to specifications of the manufacturer.