

GROUND TEST RUN – CAVALON



Call Sign:	Serial Nr. (Werk-Nr.):	Date:
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Description	Initials	Remarks
Perform Ground Test Run (cowlings removed) according to the Engine Manufacturer's documentation. In order to do so, lash gyroplane at the keel tube, keep rope taut, and apply brakes. Make sure area is clear and beware of propeller blast!		
During run-up ...		
Check rotor bearing temperature (RBT) gauge function and indication (correlation with OAT).		
Check magnetic compass, condition, undue vibration, and correct function/indication.		
Check all exterior lights (with help of a briefed second person).		
Check radio/intercom function and possible interference with lights and trim/compressor motor.		
Verify reading from oil pressure indication.		
Confirm oil thermostat operation.		
Set to 4000 RPM and perform an ignition test / mag check at according to the engine manufacturer's operating handbook and record values: Drop on MAG 2 (MAG 1 off): _____ (max. 300 RPM) Drop on MAG 1 (MAG 2 off): _____ (max. 300 RPM) Delta: _____ (max. 115 RPM)		
Perform a full-throttle test and record values for Full-throttle RPM: _____ target: 5400 +100 RPM Outside air temperature: _____ Airfield elevation: _____		
Return engine to idle and record idle RPM. Adjust to 1650 +/- 50 RPM, if necessary.		
Remove headset to check for any undue vibration or noises. Check for vibration through the control stick. If vibration is apparent, re-balance or adjust the propeller.		
Switch-off engine.		
Check all fluid levels and inspect for possible leaks.		
Carry out a tool and loose-article check.		
Do 'Finalization Work' with reference to 05-20-00 (AG-F-PCA-CV).		

Initial Put initials when performed or complied with. Put 'N/A' for 'not applicable' or 'N/P' for 'not performed'. Remember to enter initials and full name on cover sheet for identification

Remarks Make a unique note (i.e. subsequent number), fill in remark on extra sheet and attach sheet(s) or any additional material (such as photos) to this protocol