

BRP-Powertrain

MAINTENANCE MANUAL

1) Scheduled maintenance checks

Definition This section lists the periodic inspections which must be carried out after a specified periods of operation.

Intervals Periodic inspections are those which must be performed at 50, 100, 200, 600 hr. intervals in accordance with chap. 05-20-00. section: 5.1).

This means for example that **every 100 hr.** of operation a 100 hr. check and all 200 hr. additional checks as per maintenance check list must be carried out.

	Intervals - hours								to	2000 hr
	25 hr	100 hr	200 hr	300 hr	400 hr	500 hr	600 hr	700 hr		
100 hr	X	X	X	X	X	X	X	X		X
200 hr			X		X		X			
600 hr							X			

- 100 hr. check**
- In order to demonstrate continued airworthiness, an engine must be inspected after every 100 hours of operation.
 - For the intervals between maintenance work, a tolerance of ± 10 hr. is permissible, but these tolerances must not be exceeded. This means that if a 100 hr. check is actually carried out at 110 hr., the next check will be due at 200 hr. ± 10 hr. and not at 210 hr. ± 10 hr.
 - If maintenance is performed before the prescribed interval, the next maintenance check is to be done at the same interval (e.g. if first 100 hr. check is done after 87 hours of operation, the next 100 hr. check must be carried out after 187 hours of operation).

Special hr. check NOTES: This maintenance schedule contains a column for a 50 hr. check. This check is recommended by the manufacturer but not essential, with the exception of oil change when operating with leaded AVGAS.

- 25-hr. check**
- In order to demonstrate continued airworthiness, an engine must be inspected after the first 25 hours of operation.
 - The checks performed at the 25 hr. inspection are the same as for the 100 hr. inspection. This applies both to newly delivered engines and to overhauled engines.

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