



B22AeroPower

B25AeroPower

Lettera di servizio
Service letter
L-001 MANDATORY
Crankshaft running upgrade

Simbol description



WARNING: Not following these instruction can can result in severe personal injury or even death



CAUTION: Ignoring these instructions could cause severe damage to the engine and the sudden loss of power.



NOTE: Refer to supplementary information necessary to execute or better understand an instruction

1) Planning information

1.1) Engine affected

All engines B22R and B25R

1.2) Concurrence of L/S or X

None

1.3) Reason

Owing to continuous development of the crankshaft a number of modification have been introduced.

1.4) Subject

Running modification on B25 and B22 crankshaft.

1.5) Compliance

All engine with serial numbers serial number belonging to the list of the engine that need the crankshaft upgrade need to be sent to an Authorized Service Center not later that the running hours show in the list below.

Engine type	Application	Running hours limit
B25H	Helicopter	15
B25R	Aircraft /gyroplane	30
B22H	Helicopter	25
B22R	Aircraft/gyroplane	40
B22L	Aircraft/gyroplane	50
B22D	Aircraft/gyroplane	65



WARNING: Non-compliance with these instructions could result in engine damage, personal injury or death

1.6) Manpower

Estimated man-hours:

Engine installed in the aircraft-manpower time will depend on installation and therefore no estimate is available for the engine manufacturer.

- 1.7) **Mass data**
Change of weight --none
Moment of inertia---unaffected
- 1.8) **Electrical load data**
No change
- 1.9) **Software accomplishment summary**
No change
- 1.9) **Other publication affected**
None
- 1.10) **Interchangeability of the parts**
None affected

2) Material information

2.1) Material - cost availability

Price and availability will be supplied on request by MWFLY Authorized Service Center

2.2) Rework of parts

Additional work resulting from the inspection by the Authorize Service Center will be evaluated and approved by MW FLY

3) Accomplishment/instruction

The replacement of the crankshaft should be done only by:
MW Fly - Authorized Service Centre



INFORMATION: To operate the replacement the engine should be taken to an Authorized Service Center, it is suggested to contact the closest Service Center to verify service time and cost.

Accomplishment



INFORMATION: all work should be performed in accordance with Manual A (Maintenance Manual).

3.1) **dismount the engine from the aircraft**



INFORMATION: the following steps are important read carefully.

Verify with your Authorized Service Center if your engine belongs to the list of engines that need the crankcase upgrade. In case that the engine belongs to the listed group of engine serial numbers, dismount the engine following the instruction indicated in manual A. For that procedure you can contact also a Technical Support Center for help.

Place the engine in the original crate following the instruction of manual A and send it to your MW Fly Authorized Service Center.

3.2) Summary



WARNING: Failure to comply with these instructions may result in engine damage, personal injury or death

Should this translated document conflict with the original Italian / SI System (metric), document, the original Italian document shall take president.

DOCUMENT VERSION

100.1 date 01.10.2015 correct in the table of the paragraph 1.5 the line 4 B25R in B22R