



OPERATIONS MEMO O-18-02

To: All Pilots

From: Dave Jones
Chief Pilot

Date: December 6, 2018

Subject: Aircraft Power Checks

The purpose of this memo is to standardize power assurance checks within the company. The performance data in the applicable RFM is derived from the engine manufacturer's minimum specification power for the engine less installation losses. In order to ensure that the aircraft can attain such performance it is necessary to conduct periodic power assurance checks.

In order to trend the results of the check, the power assurance check will be conducted in the following manner:

- BHT-407 Straight and Level flight 50% TQ.
- BHT-412 Ground, one engine at a time using 55% TQ.
- BO-105 Straight and Level flight using 80% dual engine TQ.
- BHT-206 Climb method 57 KIAS, 100% TQ
 - No Snow Deflectors, use power assurance chart BHT-206-L4-FM-1 Fig 4-1, subtract 6% (1% because of climb and 5% due to particle separator)
 - Snow Deflectors, use power assurance chart FMS-7 Fig 4-1, subtract 1% because of climb

Periodic power assurance checks should be performed as follows:

- BHT-206- Anytime the aircraft is operating at an altitude of 3000' MSL or more.
- BHT-407- Daily
- BHT-412- Daily
- BO-105- Daily

In the event that a power assurance check is not conducted as described above, the reason will be annotated on the log page i.e. Wx or Not Chartable in the Engine Power Check Section.

If you have any questions contact Dave Jones in Fairbanks at 907-452-1197 or Dave Buzga in Homer at 907-235-7771.

**MARITIME HELICOPTERS
PUBLICATIONS
ROUTING MEMORANDUM**

DATE: 12/18/18

TO: All Pilots

FROM: Ops

SUBJECT: O-18-02

Please complete the verification of receipt below and return this form to the Records Department in Fairbanks via email to faiaadmin@maritimehelicopters.com or by fax to (907)452-4539

BY SIGNING THIS FORM I ACKNOWLEDGE I have reviewed and will comply with the memo listed above

EMPLOYEE SIGNATURE

DATE