

Minimum Power requirements with CCP operation

Date: 2019-08-28

Reference No.: 21349/JPI101/TIN012

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1 Operational condition

Be advised that with immediate effect, all WinGD X62, X62-B, X62DF, X72, X72-B and X72DF new engines can be configured to operate at full speed whilst at zero propeller pitch. This is possible due to changes with the engines and lubricating oil systems, as mentioned:

X62 and X72

- Application of aluminium bottom main bearings and crank bearing shells
- Installation of a crosshead lubricating oil booster pump independently of selected rating speed

X62-B/X62DF and X72-B/X72DF

- Application of aluminium bottom main bearings

2 CPP disconnected condition

When the CPP is connected, the engine can operate across its full speed range, even at zero pitch. However, if the CPP is disconnected from the engine it would be capable to entering the prohibited zone. This must be strictly avoided and is determined as shown in the example below.

This is valid for all engine types mentioned.

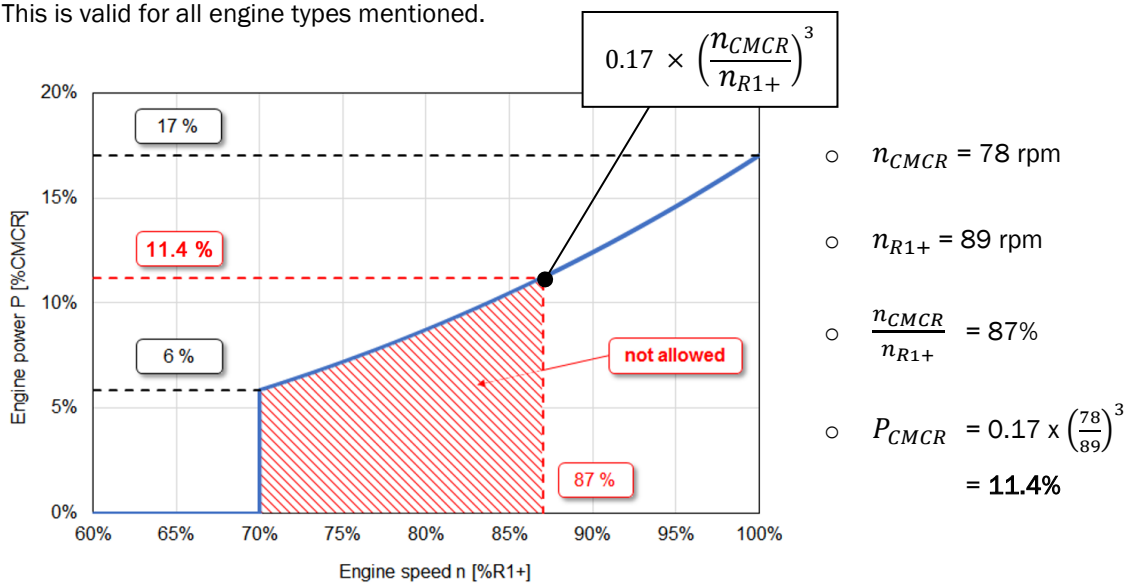


Figure 1: Example of prohibited operation area for a X72 engine, rated with 78 rpm CMCR speed