DG Flugzeugbau GmbH Service Info 69-10 DG-800B, DG-808C, DG-500MB Adjustment of propeller after jump of drive belt

If during engine retraction the propeller can't be stopped in the vertical position, the relation between propeller and motor must be checked. With the propeller vertical, there should be an approx. 20mm distance (as in the picture to the right). See also: Maintenance Manual DG-800B, DG-808C and DG-500MB section 1.11.4



If the drive belt jumped, the problem may be easily corrected with an approx. 30mm wide by 100mm long piece of Mylar tape.

If the distance is less than 20mm, for instance 0mm, the piece of Mylar tape must be inserted as shown in the photo below and run between the bottom pulley and drive belt by turning the propeller. The propeller must be turned until the tape fully emerges from the other side. If the distance is much larger than 20mm, the piece of Mylar tape should be placed on the other side.

Repeat the procedure as necessary until the correct distance is reached.



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