



	Service Letter SL No. 15 R1	DOA No. EASA.21J.020
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Important Information

- Affected Procedure
New MT-Propeller counterweights, which are designed with a counterweight body (2 parts) and the counterweight itself.
- Affected Propellers
All MT-Propellers with the new counterweights installed.
- Reason
The new MT-Propeller counterweights are designed for a better interchangeability. The three parts are easily to assemble with two screws and two stop nuts. It is very important, that on the front screw, between the two counterweight bodies, a washer with the appropriate part number (according the inspection check off record) is installed. (See Fig. No. 1)
If the front screw is installed, the back screw should be installed without a washer between the counterweight bodies. The front screw must be torqued first, during that the counterweight must contact the counterweight bodies lower surface (See Fig. No. 1). Finally, the back screw must be torqued. Counterweights halves may have contact at the outer surface at the end of the counterweight halves, but after torque application on the stop nuts, there must be a gap at the inner end of the counterweights to correctly secure and avoid any rotation during operation, by not loosening the preload. (See Fig. No. 2)

WARNING:

IF THE COUNTERWEIGHT IS LOOSE ON THE COUNTERWEIGHT BODIES, A THICKER WASHER MUST BE INSTALLED ON THE FRONT BETWEEN THE TWO COUNTERWEIGHT BODIES. IT IS NOT ALLOWED, THAT THE COUNTERWEIGHT CAN BE MOVED ON THE COUNTERWEIGHT BODY AFTER THE SCREWS ARE TORQUED. IF THE COUNTERWEIGHT IS LOOSE ON THE COUNTERWEIGHT BODY THE COUNTERWEIGHT WILL CAUSE THE COUNTERWEIGHT BODIES CRACK DURING OPERATION.

Torque moments	M 8	30-34 Nm	263-298 inlbf	22-25 ftlbf
	M 10	45-47 Nm	398-415 inlbf	33-35 ftlbf

- Description
Components introduced by this Service Letter are incorporated into the MT-Propeller Manuals.
- Publications affected
 - Overhaul Manual E-220, Hydraulically Controlled Variable Pitch Propeller MTV-5-1-(), -6-(), -9-(), -11-(), -12-(), -14-(), -15-(), -16-1-(), -21-(), -22-(), -25-2-()
 - Overhaul Manual E-519, Reversible Hydraulically Controlled Variable Pitch Propeller MTV-5-1-(), -9-(), -12-(), -14-(), -16-1-(), -21-(), -25-2-(), -27-()
 - Overhaul Manual E-520, Hydraulically Controlled Variable Pitch Propeller MTV-25-()
- Contact
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Material Information

The new counterweights will be installed from Nov. 1, 2000

Checked/Approved by: Head Office of Airworthiness	April 30 th , 2021	Issued by:
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Figure 1

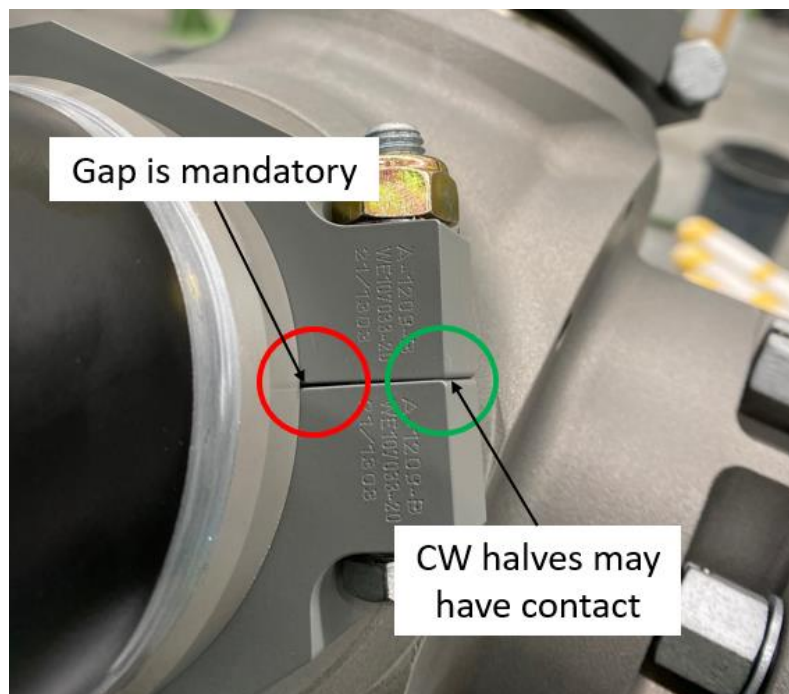


Figure 2