

This release support is manufactured in cooperation with Gomolzig company. It is suitable for Maule tugs types M-6-235, M-7-235, MX-7-180, MX-7-235 (as well as M 5, if approved for towing from the aircraft manufacturer).

The box-type support is constructed from sheet steel 1.7734.4, WIG welded, the surface is varnished. Length of the support - without release = 500 mm, weight: 2400 g (including the rudder operating lever, without release), see drawing T9505-0  
Delivery with EASA Form 1.

Safe operating load is 7,5 kN.

The support is constructed for installation of the Tost tow release E 85, p/n 014100 (or predecessor types), Type Certificate Data Sheet No. 60.230/1, weight: 540 g.  
For hinging the special actuating lever p/n 300320 has to be fitted to the release.  
Weight of the lever: 100 g.  
Delivery with EASA Form 1.

An operating cable in the form of a Bowden cable and a spring pad (U-holder) is included in the ship set.

The Bowden cable can simply be fixed to suitable points on the fuselage; it needs not be led over deflecting pulleys. Cable length is 10 meters. One end of the cable is finished with an eyelet and an adjusting screw, while the other end is left unfinished. The thimble and sleeve are included separately, so the customer can adjust the length precisely by himself.

### **Installation instruction**

Demount tail wheel and springs, simply stick the tail skid through the support.  
Fix again the support with the springs using the delivered spring pad (U-holder).

Mount the included rudder operating lever at the aircraft (exchange).

**Before mounthing the Bowden cable**, lubricate the inside of the Bowden spiral casing with MoS<sub>2</sub> (Liqui Moly or similar lubricant), using a pressure-feed oil gun. Force the lubricant through the whole spiral and then feed the Bowden cable through.  
This lubrication is essential to avoid increased frictions. High friction could prevent the release fom locking completely and could thus result in the release opening prematurely during towing.

The Bowden cable must have at least 5 mm "end play" (extra length), to ensure complete locking of the release. Premature automatic releasing under load can only occur if the release is incompletely locked (see advise in the Release Operating Manual).

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