

Service Letter

Subject:

Tow limit markings.

Applicability:

All GA8 Aircraft.

Background:

This Service Letter has been issued to provide owners and operators who use motorised towing equipment with guidelines for applying turn limit markings on the lower cowl to prevent over travel and damage to the steering stops and/or the rudder control system.

Parts:

The travel limit markings may be applied to the lower cowl, in accordance with these instructions, using adhesive vinyl, paint or any similar method. Suitable markings can usually be sourced locally, if further assistance is required please contact the Gippsland Aeronautics Spares Department.

Parts Availability:

Parts can be obtained directly from Gippsland Aeronautics.

Tel.: +61 03 5172 1208

Fax.: +61 03 5172 1237

Email: spares@gippsaero.com

Instructions:

Determine the nose leg travel limit by using the hand tow bar as supplied with all Airvans by turning the nose leg until the rudder contacts the stops, then lifting the bar to the lower cowl and marking at the inside of the tow bar to give some tolerance as in Figure 1.

Due to varying operational requirements, markings can be applied to show towing limits with sizing to suit individual aircraft/operation.

Additionally a placard stating "tow limit" or similar may be applied at the operator's discretion.

Check towing limits by hand to ensure that the markings applied are suitable for all aspects of ground handling for the individual aircraft and its operation.



Figure 1. Marking applied inside the actual limit.



Figure 2. An example of "Tow Limit" markings.