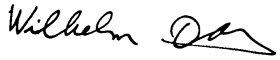
Subject	:	Cockpit air suction (Mandl) device
Effectivity	:	DG-500 sailplanes: all variants DG-1000S DG-1000T
Accomplishment	:	none, optional, DG-1000S and DG-1000T from ser.no. 10-137 on during production.
Reason	:	A Cockpit air suction device has been developed. The device will extract the cockpit air at a specific point from the fuselage so that the air can't leave the fuselage through the canopy gaps. Thus the suction device will improve the cockpit ventilation and enhance gliding performance.
Instructions	:	Installation see working instruction No. 1 for TN DG-G-06
Material	:	Working instruction No. 1 for TN DG-G-06 Drawings 1R96 -1R98 40160961 suction scoop 1R96 40160971 cover 1R97 60000345 ventilation grid 45 mm Epoxy resin/hardener L285/H286 Cotton flocks Instant glue or Uhu-Plus
Weight and balance	:	influence negligible
Remarks	:	Instructions are to be executed by the manufacturer or by a licensed workshop. All instructions are to be inspected and entered in the aircraft logs by a licensed inspector. Retrofitting the Cockpit air suction (Mandl) device in the motorgliders DG-500M and DG-500MB is not possible because of lack of space.

Bruchsal, date: March 11. 2009

Author: W. Dirks



Modifications approved by EASA Date 15 May 2009
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