



**Above:** Sandhill Soaring Club's new DG-505 (**N505DS**), with the given contest ID "Delta Sierra."

17-Meter Aerobatic Trainer; 18-Meter Trainer; 20-Meter Advanced XC Trainer (Approved for FAI 20-Meter Multi-Seat Racing Class)



**Above:** The DG-505 comes with an all-metal COBRA Trailer with wings stands, wing-wheel and tow-out gear. The only item not sold with the ship was their remote controlled, electric One-Man Rigger. A replacement can be purchased at a later date.

- The COBRA trailer is in good, road-worthy condition, and its ergonomic interior was built specifically to fit this ship.
- The ship has a best L/D of ~44:1 but has a polar curve equivalent to that of a Schempp-Hirth Discus 2. While it can't run with a Duo Discus or an Arcus it provides 95% the performance at roughly one-half the price. Peter noted that fully loaded, the glider handled surprisingly well in comparison to the Duo/Arcus.
- The ship was built in 2001 and has ~520 hours Total Time. We looked at other DG-505's and this ship's condition was by far the best of any presently being sold in the U.S. and Germany.



The DG's water ballast system was successfully flight tested by Peter Denner. The glider also has a trim (water) ballast system built into the tail for optimizing CG.



DG-505 Cockpit — The panel includes a set of independent LX S80 Electric Varios (with built-in dataloggers), as well as a mount for an LX Nano3 (IGC compliant) datalogger. The Naviter Oudie is NOT included but a flight computer setup to run TopHat or XC Soar will be donated to the club soon giving the pilot a real-time moving map for navigational purposes. This ship is in race-ready condition and has a working radio and transponder.



