

# Shinfield Engineering

**Barograph:** EW MicroRecorder  
**Serial No.:** D0984  
**Date of Test:** 26 April 2010  
**Pressure Altitude:** +150 feet  
**Temperature:** +16.5° C

**Job No.:** 201-10

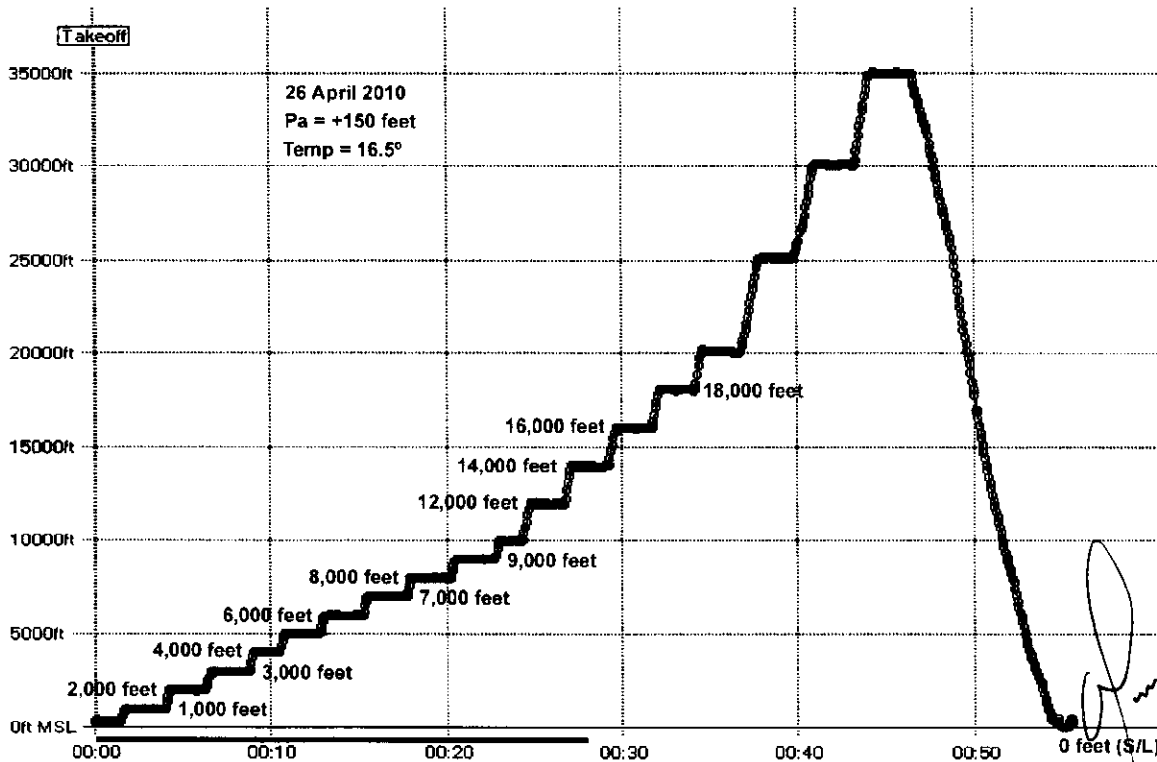
**Remarks:**

- (a) Unit received with a request to interrogate barometric tract.
- (b) Unit pressure altitude graph downloaded from data unit and compared to master instrument trace. Barometric altitude recorder trace detailed on this worksheet.

CAMBRIDGE AERO INSTRUMENTS 20 May 10

Glider: ?? Pilot: Unknown 01 Jan 99 00:00-00:55  
Site: Unknown File: 911E7PC1.IGC

?? Vertical View 01 Jan 99 Pressure altitude



**Results:**

EW MicroRecorder did not show logging of barometric data. Problem was finally rectified by changing the internal battery of the logger. Note that the default settings need to be amended to show the current settings. As such, the downloaded trace shows a date time stamp of 01 Jan 99. This has not affected the calibration trace, however. The actual date of the cal run was 26 April 2010.

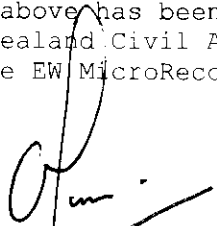
Note: Trace interrogated by PC on 20 May 2010. This was mainly due to inexperience with downloading data from the type.

The unit displays consistent linearity and hysteresis. Error between this and the master gauge is difficult to extrapolate due to the nature of the graphical output, but consider this to be within limits for barometric altimeters per CAA-NZ Part 43 appendix D. Therefore this unit is capable of providing an accurate recording of barometric altitude. Trace may be used to determine actual heights against plot.

### **THIS UNIT IS CONSIDERED SERVICEABLE**

The maintenance work recorded above has been carried out in accordance with the requirements of New Zealand Civil Aviation Rule Part 43 and in respect of that maintenance the EW MicroRecorder (Type D) Logger is released to service.

Signature for Shinfield Engineering:



O. W. Pimm

Date: 20 May 2010

GNZ authorization: 489/I/A/O