

Tailwinds Ultimate Bar Graph Analyzer (UBG-16) Quick Reference Guide

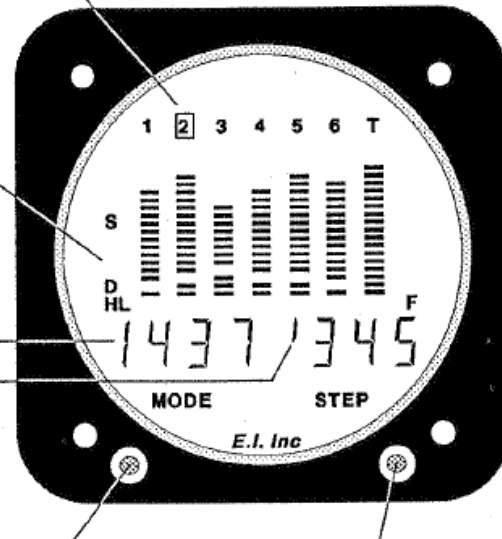
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The Following Blinks
when a Limit is Violated:
"H" = High Limit
"L" = Low Limit
"D" = EGT Differential Limit
"S" = Shock Cooling Limit

Box indicates which cylinder is being
displayed digitally (i.e., cylinder #2).

Left Digital Display = EGT
Right Digital Display = CHT

A blinking High Bar indicates this
temperature has violated the High
Limit. A blinking Low Bar would
indicate the Low Limit has been
violated.



Mode Switch

Step Switch

<u>Mode Switch:</u>	<u>Step Switch:</u>	(Toggle Step Switch to the right or left to see below items)								
Normal	1	2	3	4	5	6	OAT	SCool	Peak	Diff

Instructions

1. Take off and climb as normal. (Use **22 Gal/Hr** when reducing power for Cruise Climb)
2. At Cruise Altitude, **Lean Mixture to Aprox 16 gal/hr.**
3. Keep Bar Graph Analyzer in **Normal Mode** for leaning.
4. Push **Step Switch Right** to Highlight the Hottest Cylinder.
5. **Slowly Tune the Mixture** on the hottest Cylinder for **1400 Deg** (+- 10 Degs)

- If you Climb or Descend, Re-Adjust Mixture to maintain **1400 Deg** (+- 10 Degs)
- Fuel Flow typically is about 16 gal/hr at Low Altitude and 14.5 gal/hr at High Altitudes
- CHT Typically is about 325 deg.
- **Scan Mode:** Hold Step Switch to the Right until **SCAN** appears.
- **Cancel Active Alarms for 10 Minutes:** Hold Step Switch to the Left until **CANCEL** appears.