

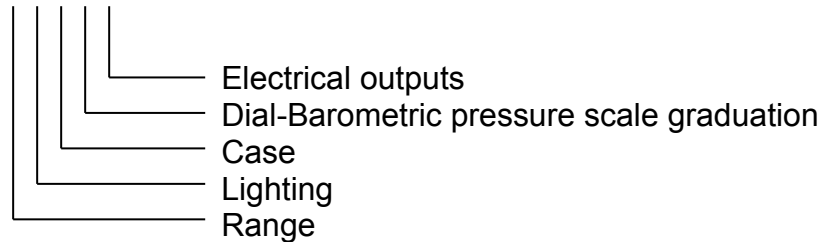
# Altimeter

## 3 inch Counter Drum Pointer Altimeter Model LUN 1120

**Description:** Pressure-sensitive altimeters (ALT) are aircraft instruments indicating the flight altitude or height on the basis of measuring barometric pressure, changing with the altitude. The counter-pointer display is actuated by high stability beryllium capsule. A built-in vibrator minimizes friction and optimizes accuracy. The instrument is intended for measuring and indicating altitude or height between -1,000 and 50,000 ft according to the model. In accordance with the intended use and model the altimeter is also supplied with an encoder with an ICAO output and serial output compatible with main GPS and autopilot suppliers. Electrical output of the barometric scale is also available. Altimeter is offered to comply with customer's specification and is mounted for easy servicing.

### Model Designation

Altimeter LUN 1120.XXXXXX



### Range:

- 1 -1,000 to +20,000 ft
- 2 -1,000 to +35,000 ft
- 3 -1,000 to +50,000 ft
- \* .....

### Lighting:

- 0 No Lighting
- 1 5 VDC white
- 2 14 VDC white
- 3 28 VDC white
- 9 28 VDC NVIS green
- U Lit – specific feeding is mentioned on a lighting tray
- \* .....

### Case:

- A ARINC 408A
- B Standard Round MS 33549 (AS)
- \* .....

### Dial-Barometric pressure scale graduation:

- 1 mb + inHg
- 2 mb
- 3 inHg
- \* .....

### Other functions:

- X Without outputs
- A ICAO encoder outputs
- R Electric output of the barometric scale
- Z ICAO encoder output + electric output of the barometric scale
- \* .....

\* etc. – other models in accordance with customer's specification

### Product description:

Applicable Specification: ETSO C10b, TSO C10b (C88a), RTCA/DO-160D  
Dial and Pointer: Lustreless white on dull black background, 3 moving drums  
Installation: By means of four screws with the aid of a clamp or a frame (case model A) or directly by means of three screws (case models B)  
Lighting: Lighting is available upon request (white, red or NVIS green)

### Environmental (Operating):

Temperature: -20 °C to +55 °C (-4 °F to +131 °F)  
Humidity: 95% maximum at +50 °C (122 °F)  
Vibration: 5 to 55 Hz, 0.01 inch (0.25mm) max.; 55 to 500 Hz, 1.5 g max.  
or 5 to 10 Hz, 0.1 inch (2.5mm) max.; 10 to 40 Hz, 0.003 g<sup>2</sup>/Hz max.; 10 to 2,000 Hz, 0.0005 g<sup>2</sup>/Hz max.  
Altitude: -1,000 feet to 50,000 feet  
Typical weight: 1.7 lbs. (770 g) Basic version  
1.9 lbs. (850 g) Basic version with electrical output of the barometric scale  
2.1 lbs. (970 g) Encoding version  
2.3 lbs. (1050 g) Encoding version electrical output of the barometric scale