

# ALTIMETERS



## UNITED SENSITIVE ALTIMETERS

Designed to help the pilot determine altitude by measuring existing atmospheric pressure, this altimeter translates this measurement into "height-above-sea-level." This is indicated on the dial of the instrument in feet, which requires setting the barometric pressure in the Kollsman window. Standard 3-1/8" size.

**Specifications:** • Typical Weight: 13 oz • Number of Pointers: 3 • Barometric Setting: 28.1 to 31.0 in HG / 946 to 1050 mb • Calibrated Ranges: -1,000 to +20,000 or +35,000 feet • Static Pressure Connection: 1/8-27 ANPT • Installation: Removable Spring Nuts and screws

Range	Scale	Manufacturer	Part No.	Price Ea.
0-20000 ft.	Inches	United (TSO)	10-04550	---
0-35000 ft.	Inches	United (TSO)	10-04570	---
0-20000 ft.	Millibar	United (TSO)	10-04560	---
0-20000 ft.	Inches	United (Lighted)	10-00929	---
0-35000 ft.	Inches	United (Lighted)	10-00930	---
0-20000 ft.	Millibar	United (Lighted)	10-00931	---
0-20000 ft.	In/Mil	United (Lighted)	10-00932	---
0-20000 ft.	In/Mil	United (Unlighted)	10-00933	---
0-35000 ft.	In/Mil	United (Unlighted)	10-02696	---
0-35000 ft.	In/Mil	United (Lighted)	10-02697	---
0-35000 ft.	Millibar	United (Lighted)	10-02698	---
0-35000 ft.	Millibar	United (Unlighted)	10-02699	---



## UNITED ALTIMETER WITH CORRECTED BAROMETRIC OUTPUT

True airspeed all the time! No need to correct the barometer, the altimeter does it automatically for the pilot. • Compatible with most Air Data Systems • 35,000 ft., dual barometric scale • Internally lighted – light tray included • TSO C10d certified

• Standard D.C. voltage barometric output • Mounts in standard 3 1/8" panel cutout • Requires just 5" depth behind the panel • 1/8" NPT static port • Connector included • Manufactured by United Instruments. P/N 10-02718



## FALCON 3 1/8" SENSITIVE ALTIMETERS

1. Three Pointer Altimeter with Barometric Window and Low Altitude Warning Stripes is a modern type. The easy to read striped sector will show while flying below 16,000 ft. 2. Three Pointer Altimeter with a Barometric Window enables the pilot to adjust the altimeter to the barometric conditions existing at the point of landing. 3. Two Pointer Altimeter without Barometric Window. This type of altimeter is designed to meet the demands of some pilots who either live or fly the area's barometric pressure beyond 28.1 to 31 inches of mercury, or 950 to 1050 millibars, or some pilots prefer to set the altimeter to "0" altitude before taking off without regard to the barometric pressure. By installing this altimeter, the pilot can fly anywhere in the world without having to care about the barometric pressure changes. Non-TSO'd.

Model No.	Part No.	Range	Baro-metric Window	Warning Stripes	Pointers	Price
ALT100F	10-02259	10,000 ft	No	No	2	---
ALT20INF-3	10-05327	20,000 ft, inches	Yes	Yes	3	---
ALT20MBF-3	10-04500	20,000 ft, Millibars	Yes	Yes	3	---
ALT20IMF-3	10-02260	20,000 ft, Inches & Millibars	Yes	Yes	3	---
ALT6MEMB-3	10-02257	6,000 meter, Millibars	Yes	No	3	---
ALT20INF-3N	10-02204	20,000 ft, Inches	Yes	No	3	---
ALT20MBF-3N	10-02256	20,000 ft, Millibars	Yes	No	3	---

Falcon Gauges are made in China.



## UMA 3-1/8" ALTIMETERS

This UMA standard altimeter utilizes a single pointer and is designed to meet the needs of the low-cost Non-IFR user. This altimeter utilizes a single pointer and adjustable barometric scale, viewed through a Kollsman Window. Can be ordered in inches of mercury or millibar. Available in feet or meters. Aluminum case.

Range	Dial Markings	Scale	Part No.	Price
0-20,000 Ft.	B & W	w/ IN HG	10-22965	---
0-10,000 Ft.	B & W	w/ IN HG	10-02436	---
0-5,500 Ft.	B & W	w/ IN HG	10-02369	---
0-5,500 Ft.	B & W	w/ Millibar	10-05120	---
0-10,000 Ft.	B & W	w/ Millibar	10-05125	---
0-20,000 Ft.	B & W	w/ Millibar	10-05126	---
0-3,000 M	B & W	w/ Millibar	10-05127	---



## UMA 2-1/4" ALTIMETERS

This UMA standard altimeter utilizes a single pointer and is designed to meet the needs of the low-cost Non-IFR user. This altimeter utilizes a single pointer and adjustable barometric scale, viewed through a Kollsman Window. Can be ordered in inches of mercury or Millibar. Scale is available in feet or meters.

Range	Dial Markings	Scale	Part No.	Part No.
0-10,000 Ft.	B & W	w/ IN HG	10-05131	---
0-20,000 Ft.	B & W	w/ IN HG	10-05132	---
0-10,000 Ft.	B & W	w/ Millibar	10-05133	---
0-20,000 Ft.	B & W	w/ Millibar	10-05134	---
0-3000 Mtrs.	B & W	w/ Millibar	10-05883	---



## FALCON 3 1/8" NON-SENSITIVE ALTIMETERS

These light weight altimeters feature a non-sensitive altimeter on a 3-1/8", single pointer, and a barometric window. A setting knob allows the pilot to set the barometric reading to the correct field elevation or barometric pressure setting. They are weight conservative, economical, yet very precision and accurate instruments that provide excellent altitude measuring capabilities; designed for ultra-light airplanes. 3-1/8" is non-sensitive. Standard Types are either feet reading with barometric window inches of mercury or millibars reading; or meters reading with barometric window millibars reading. Length: 2 3/8" Weight: 10.7 oz.

Part No.	Range	Price
10-03422	10,000 ft./20,000 ft. Inches	---
10-02251	6,000 ft., Millibars	---
10-02252	10,000 ft., Millibars	---



## FALCON 2 1/4" SENSITIVE ALTIMETERS

2-1/4" is sensitive. Single Pointer, and a barometric window. A setting knob allows the pilot to set the barometric reading to the correct field elevation or barometric pressure setting. They are weight conservative, economical, yet very precision and accurate instruments. It is suitable where space and weight is a consideration. This type is available in Feet or Meter reading, the baro-metric window can be either in inches of mercury or in millibars reading. Length: 2 3/8" Weight: 3.6 oz.

Model No.	Part No.	Range	Price
ALTN6INF-2	10-02205	5,500 ft, Inches	---
ALTN10INF-2	10-04510	10,000 ft, Inches	---
ALTN6MBF-2	10-04070	6,000 ft., Millibars	---
ALTN10MBF-2	10-04071	10,000 ft., Millibars	---
ALTN3ME-2	10-02207	3,000 Meters, Millibars	---
ALTN6ME-2	10-02254	6,000 Meters, Millibars	---