

VSI - ACCELEROMETERS - SKYSPORTS

UNITED VERTICAL SPEED INDICATORS



The vertical speed indicator is a precision instrument which provides an accurate indication of rate of change of altitude. This instrument is temperature compensated and is provided with a zero adjustment screw on the face of the case in the seven o'clock position. Power: Static system. Manufactured by United Instruments. Used in most production aircraft. Size: 3-1/8" x 3-1/8" x 4", Wt. 0.7 lb. TSO-C8b.

Unlighted VSI's

0-2000 FPM	P/N 10-05200	---
0-3000 FPM	P/N 10-20400	---
0-4000 FPM	P/N 10-20500	---
0-6000 FPM	P/N 10-05250	---

Lighted VSI's

0-2000 FPM	P/N 10-00925	---
0-3000 FPM	P/N 10-00926	---
0-4000 FPM	P/N 10-00927	---
0-6000 FPM	P/N 10-00928	---



FALCON VERTICAL SPEED INDICATORS

These Vertical Speed Indicators (Rate of Climb), have been installed in thousands of planes. Available in climb ranges from 2,000 feet per minute to 3,000 feet per minute, and 10 meters per second. This precision aircraft instrument provides immediate climb and descent information with an easy to read dial and is extremely reliable and durable. Over several decades, they have been servicing and satisfying pilots and kit plane builders worldwide. The 2-1/4" altimeter is perfect for the ultra-light models and where space and weight are a factor of consideration. Made in China.

Specifications: • Model No: VS12FM-3 • Size: 3-1/8" • Length: 4.25"/105mm • Range: 2,000 - 4,000 ft/min • Weight: 12.7 oz

Part No.	Size	Range	Length	Weight	Price
10-05352	3 1/8"	2,000 ft/min	4.25"/105mm	12.7 oz	---
10-05210	3 1/8"	3,000 ft. / Min.	4.25"/105mm	12.7 oz	---
10-02246	3 1/8"	10 meter/second	4.25"/105mm	12.7 oz	---
10-01643	2 1/4"	2,000 ft. / Min.	4.8"/112mm	9.2 oz	---
10-00983	2 1/4"	10 Meters / Sec.	4.8"/112mm	9.2 oz	---



3-1/8" UMA VERTICAL SPEED INDICATORS

The vertical speed indicator is a precision instrument which provides an accurate indication of rate of change of altitude. This instrument is temperature compensated and is provided with a zero adjustment screw on the face of the case in the seven o'clock position. Power: Static system.

Part No.	Name	Range	Price
10-20505	Vertical Speed	0-2,000'	---
10-02368	Vertical Speed	0-3,000'	---
10-20506	Vertical Speed	0-4,000'	---
10-20508	Vertical Speed	0-6,000'	---
11-07239	Optional internal lighting		---



UMA MINIATURE 2 1/4" VERTICAL SPEED INDICATORS

This instrument mounts in a standard 2-1/4" instrument panel cutout. New manufacture with brilliant easy-to-read matte-white numerals on black background. Size: 23/8"x 23/8"x 31/4" long.

Part No.	Name	Range	Price
10-05500	Vertical Speed	0-2,000 Ft.	---
10-00079	Vertical Speed	0-3,000 Ft.	---
10-05550	Vertical Speed	0-4,000 Ft.	---
10-05560	Climb	0-4,000 Ft.	---
10-05570	Rate of Change	0-4,000 Ft.	---
10-05580	Cabin Climb	0-4,000 Ft.	---
10-05600	Vertical Speed	0-6,000 Ft.	---
10-05610	Climb	0-6,000 Ft.	---
10-06910	Rate of Change	0-6,000 Ft.	---
11-07239	Optional internal lighting		---

FLIGHT DATA G-METER GT50 12/28



Note: Now FAA Approved as a replacement clock in non-transport category aircraft.

The GT-50 is a Six Function: Accelerometer - Clock - Voltmeter - Temperature for Experimental Aircraft.

G-Meter: • Continuous Instantaneous Display to +12/-10 G's • Records and Saves Max and Min G's • 30 Degree (Sonex) Tilted Panel Compatible
Flight Timer: Automatically Records Flight Time
Clock: 12 or 24 Hour Format

Timer/Stopwatch Voltmeter Features: • Best G-Meter Value Available • Extreme Operating Temperature Display • Soft Orange Backlight • 2-1/4" Panel Mounted • Weighs 2.5oz • Includes Pre-Wired Connector • 12-28 Volt Compatible
Standard P/N 10-03691
With USB P/N 10-07330
Flight Data OAT Probe GT50 P/N 10-03694



WINTER VARIOMETERS

The instrument consists of a cylindrical chamber with a precision-fit baffle plate (vane) rotating on shock proof jewel bearings and centered by a coil spring. The tiny housings mean that these instruments can be installed even where space is restricted. Available in 2-1/4" and 3" sizes.

Description	Part No.	Price
Winter 2-1/4 Variometer 1000 FT Min	10-05638	---
Winter 2-1/4 Variometer 10 Knots	10-05639	---
Winter 2-1/4 Variometer 2000 FT Min	10-05642	---
Winter 2-1/4 Variometer 1000 FT Min Log	10-05644	---
Winter 3 Variometer 1000 Ft Min	10-05640	---
Winter 3 Variometer 10 Knots	10-05641	---
Winter 3 Variometer 2000 Ft Min	10-05643	---
Winter 3 Variometer 1000 Ft Min Log	10-05646	---
Flask for Winter Variometer	10-03856	---

SKYSPORTS VACUUM ATTITUDE GYRO



The Skysports Vacuum Attitude Gyro is a standard artificial horizon gyro powered by the vacuum system in the aircraft. It is ideal for use in a wide variety of experimental aircraft. Non-TSO'd. Size: 3-3/8"x6.46/164mm. Weight: 2.4lb/984g.

Specifications: • Ambient temperature: -30 to +50 degree centigrade • Ambient relative humidity: no more than 95% • Anti-vibration tensity: 1.5g • Height: 4600m • Driving power: 15 ~18K Pa for vacuum or air pressure • Pressure for starting: 7KPa P/N 10-05423

SKYSPORTS ELECTRIC ATTITUDE GYRO



The Skysports Electric Attitude Gyro is a high quality gyro which is excellent for a wide variety of experimental aircraft. It features a power failure flag which drops into view if voltage is below operational requirements. It also includes a "Pull to Cage" knob. Non-TSO'd. Power Supply: 14V. Dimension: 3-3/8" x 6.46/164mm Weight: 2.4lb/984g. **Specifications:** • Operating voltage: 14 ± 10% VDC • Ambient Temperature: -40 ~ +50°C • Relative Humidity: It can reach 95% at 20 ± 5°C • Vibration Strength: not more than 1.5g
P/N 10-05422

NON-TSO'D VERTICAL SPEED INDICATORS



Skysports vertical speed indicators are easy to read, lightweight, and durable. These rate of climb indicators are available in several different ranges and are in use in a wide variety of experimental aircraft worldwide.

Non-TSO'd
Size: 3-1/8"
Length: 4.25"/105mm
Weight: 12.7 oz

Part No.	Size	Range	Length	Weight	Price
10-05361	3 1/8"	2,000 ft/min	4.25"/105mm	12.7 oz	---
10-05360	3 1/8"	10 meter/second	4.25"/105mm	12.7 oz	---

Skysports Instruments are made in China.