### MICROTIM® BAROMETRIC ALTIMETER

Features:
- Registers changes in altitude of 2 feet or less.
- Calibrated from -2000 feet MSL (2000 feet below sealevel) to +20000 feet MSL (20000 feet above sealevel).
- Low Power.
- One foot resolution, barometric-pressure and field-elevation adjustable.
- AGL (relative), MSL (sealevel) or BOTH alternately every 2 seconds.
- Selectable units: feet/inHg or meter/kPa or feet/mbar (hPa).
- Excellent ultra light altimeter or backup unit.
- Small (3” x 1.5” x 3/4”) * Very durable * EASY TO USE right out of the box.

P/N 13-04968 ............................................ $213.95

P/N 13-04173 ............................................ $16.75

### INSTRUMENT BUGS

“Bugs” are perfect for pilots who rent aircraft, and for owners. The transparent suction cup works on all instruments. A thumb screw friction lock lets the yellow pointer tip rotate 360°. Fly with it day & night. Includes 2 “Bugs” in a plastic reusable storage box with instructions and 4 disposable alcohol swabs, which are used to clean the instrument face and bugs so that they stick well.

P/N 10-00114 ........................................... $9.85

### STATIC BUGS REMOVABLE REUSEABLE DECAL

The Bug is a transparent, static low-tack, Removable Decal. Place it on the face of gages, instruments for a quick visual reference. The Bug also helps remember Numbers for you and is a paper Map Marker. Does not leave residue on surface. Reusable Many Times. 5 Reusable Static-Bugs in each package.

P/N 10-05080 ........................................... $6.85

### AIRCRAFT INSTRUMENT COVER

The instrument cover is a plastic disc approximately 2 3/4” in diameter and 1/16” thick. By use of the attached suction cup, the cover will mask the face of most general aviation flight instruments. It is useful in many training situations one of which is partial panel work. As a safety aid, the cover can be used to mask an instrument when it is non-functional, as is required by Regulations. Each package has two covers.

P/N 13-04049 ........................................... $5.95

### INSTRUMENT COVERS

The suction cup on the back of this soft rubber disc enables the pilot or instructor to cover up one or more flight instruments for partial panel instruction or to cover a failed instrument during flight. Measures 3-1/8” in diameter. Flight instructors and IFR pilots should have several of these handy covers in their flight bags.

P/N 13-00088 ........................................... $2.65 ea

### INOPERATIVE INSTRUMENT AID

Designed with static cling polyester, the IIA will stick to your glass instrument face without licking and will stay there until you want to remove it. Practicing instrument failures during flight is a requirement by the Federal Aviation Administration for your practical test. One package includes four Inoperative Instrument Aids. Developed by a Certified Instrument Flight Instructor with the intent to improve instrument instruction, measures 3” in diameter.

P/N 13-04173 ........................................... $8.95

### REDUCING MASKS

Precision die-cut black anodized aluminum masks simplify installation of small instruments in large instrument panel cut-outs. 3 types available.

1: Large AN-type artificial horizon cut-out to 3-1/8” size

P/N 10-05900 ........................................... $10.95

2: Large AN-type directional gyro cut-out to 3-1/8” size

P/N 10-06000 ........................................... $13.75

3: 3-1/8” size cut-out to 2-1/4” size

P/N 10-06100 ........................................... $10.95

### INSTRUMENT PANEL COVER-UPS FOR PFD / MFD

Cover ups for PFD and MFD screens for glass cockpit training. For partial panel practice & actual instrument failures. * Reusable, 3 per pack * “Cling” type plastic covers, with lift tab * Zip lock plastic bag for convenient storage.

P/N 13-06116 ........................................... $6.95

### REDUCING PLATE FROM 2-1/4” DIA.

Reduce from 2.25” to 2” diameter instrument. For oil pressure, ammeter gauge etc.

P/N 10-00154 ........................................... $10.50

### INSTRUMENT PANEL COVER-UPS FOR PARTIAL PANEL PRACTICE

These white stick on instrument size covers are ideal for partial panel practice or to cover an actual failed instrument. Covers are reusable and are furnished in a package of 5 covers.

P/N 10-00066 ........................................... $2.95

### DRILL JIG AND FILING TEMPLATE FOR THE 3 ATI INSTRUMENT CUT

A handy much needed tool to have for those difficult to make 3 ATI cut outs that everyone complains about. A rugged tool made of alloy steel with a 58–60 RC hardness for long life. Simply drill mounting holes and cut opening file to template.

P/N 10-00153 ........................................... $32.50

### MOUNTING PLATE FOR THE 3 ATI INSTRUMENT DECAL

Quick fix for a hard to cut out opening. Plate is 300 wider than instrument. For easy mounting, material is .080 aluminum.

P/N 10-00154 ........................................... $10.50

### INSTRUMENT PANEL LAYOUT TEMPLATE

Use this template for precise positioning of instrument holes and mounting screw holes in panel. For both 2-1/4” & 3-1/8” dia. instruments. With transfer punch for marking screw hole centers and instructions.

P/N 12-14600 ........................................... $20.55

### 3ATI REDUCER PLATES

- 3ATI Reducers to 3 1/8” - Use a 3ATI hole cut out to mount 3 1/8” diameter instruments. Plate can be shimmed to instrument panel thickness. Simple installation.

Heatreasted aluminum .080 thick with black anodize finish.

3ATI Reducers to 3 1/8” ........................................... $16.75

P/N 07-01331 ........................................... $16.75

- 3ATI Reducers to 2 1/4” - Use a 3ATI hole cut out to mount 2 1/4” diameter instruments. Plate can be shimmed to instrument panel thickness, comes with 4 rivets.

Simple installation.

Heatreasted aluminum .080 thick with black anodize finish.

Back PLATE 3.8 X 3.8

P/N 07-01330 ........................................... $16.75

### REDUCING HOLE COVER PLATES

- Plastic plate for 2-1/4” Cut-Out

P/N 10-06900 ........................................... $4.85

- Plastic plate for 3-1/8” Cut-Out

P/N 10-07000 ........................................... $5.75

- Plastic plate for standard altimeter hole

P/N 10-07100 ........................................... $8.95

- Aluminum plate for 2-1/4” hole, black wrinkle

P/N 10-00427 ........................................... $9.75

- Aluminum plate for 2-1/4” hole, black wrinkle

P/N 10-00428 ........................................... $9.75

- Aluminum plate for 3-1/8” hole, black wrinkle

P/N 10-00429 ........................................... $11.50

- Aluminum plate for 3-1/8” hole, black wrinkle

P/N 10-00430 ........................................... $16.75

- Plastic plate for 3ATI hole, black fire retardant

P/N 10-00433 ........................................... $8.50

- Aluminum plate for 3ATI hole, black wrinkle

P/N 10-00434 ........................................... $11.50

- Aluminum plate for 3ATI hole, no paint

P/N 10-00435 ........................................... $10.95

- Plastic plate for half ATI hole, black fire resist.

P/N 10-00437 ........................................... $8.50

- Plastic plate for standard altimeter hole

P/N 10-05900 ........................................... $10.95

- Plastic plate for 3-1/8” cut-out to 3-1/8” size

P/N 10-06000 ........................................... $13.75

- 3-1/8” size cut-out to 2-1/4” size

P/N 10-06100 ........................................... $10.95

### INSTRUMENT PANEL LAYOUT TEMPLATE

Use this template for precise positioning of instrument holes and mounting screw holes in panel. For both 2-1/4” & 3-1/8” dia. instruments. With transfer punch for marking screw hole centers and instructions.

P/N 12-14600 ........................................... $20.55

### AIRCRAFT SPRUCE EAST

PEACHTREE CITY, GA • (877) 477-7823

Prices Subject to Change Without Notice