COMMERCIAL AIRCRAFT SPRUCE WEST AIRCRAFT SPRUCE EAST  
CORONA, CA • (877) 4-SPRUCE PEACHTREE CITY, GA • (877) 477-7823

**OXIMETERS - FACE MASKS**

**AERODILUTER DEMAND MASK**  
Comes standard with an electret microphone and an inflatable Quick Comfort head harness that provides maximum comfort. The mask features a carbon fiber construction, and soft silicone rubber. Connectors are available for most built in systems. This mask is easily mounted with the available carbon fiber stowage cup, aerox® is also able to manufacture a portable walk around system with the same outlet plug that is on your aircraft, so you can easily disconnect from the on-board system and plug directly into a portable system allowing mobility.

P/N 13-12359..........................$3,850.00

**PULSE OXIMETER CO DETECTOR 455**  
Designed for all aircraft with limited panel space. This small Pulse Oximeter with CO Detector mounts easily in most panels and transmits data to the MFD’s via RS232. Current MFD manufacturers include Electronics Detector, Advanced Flight Technologies, Grand Rapids Instruments and on upcoming releases of Avidyne Entegra Release 9. The unit transmits the pilot’s blood oxygen levels, heart rate statistics, CO Level, Cabin temperature and Cabin Altitude to the MFD’s display units. The pilot inserts an index finger in the unit and quickly gets readouts so he/she can determine his/her general physiological and his environmental condition. Aero-455 reminds the pilot when he/she passes 10K and every 30 minutes above 10K.

P/N 11-07993..........................$999.00

**EDS-2IP BUILT-IN PULSE DEMAND OXYGEN SYSTEM**  
New IPR (Intelligent Peripheral Regulator) with light-weight carbon-fiber wrapped cylinder with a 48 cu. ft. capacity allowing many round-trips without oxygen refills. In addition, masks, cannnulas, as well as necessary hardware and tubing are included. The pilot station comes with, FAA-CA-MI flight-level 250 tested ‘Pulse-Demand’ ALPS FaceMask that can be upgraded with a noise-cancelling microphone at any time. You can add the Alps face mask with or without microphone for your co-pilot as well. EDS-4ip built-in Pulse Demand oxygen management systems are complete kits includes everything in the EDS-2IP but with the EDS-4ip control head unit with a 2.25” X 3.125” vertical form factor, and four (4) remote-mountable oxygen outlet distributor units

NOTE: The EDS ip systems automatically operate from a 12 or 24 Volt system at a mere 250 ma. of current. Therefore, if not specified, during your order the IPR will come with a 12 volt valve and the schematics will instruct that it be powered from the control head, via pin-19. The most preferred configuration. Otherwise the valve for the IPR must be specified for either 12 or 24 volt operation if you decide to power the IPR valve through system power and not from the control head.

EDS-2IP ........................................$12.50
EDS-4IP (Shown) ......................P/N 13-05746..........................$6,795.00

**AEROX OXYGEN CONSERVING SYSTEM**  
Intended for use with current portable oxygen systems. Maximum Oxygen Duration with Minimal Effort. The device uses negative inspiration pressure to trigger pulse oxygen. Completely mechanical, no batteries required. When the user inhales, a supply of oxygen is delivered, simple, safe, and effective, reducing the demand on the users standard portable supplemental oxygen system, and increasing duration times. Includes a convenient strap for wearing around your neck. Outlet Hose with

Flow Indicator, Inlet Hose with aerox®, CPC, or Skyox Plug-in Fittings.

P/N 13-09019..........................$398.00

**ONXY VANTAGE FINGERTIP PULSE OXIMETER**  
You can now get a trustworthy self-contained fingertip pulse oximeter with a 4 year warranty at an affordable cost! You don’t have to settle for a cheap pulse oximeter that may break the first time it’s dropped and/or give you erratic and unreliable oxygen saturation statistics. Small and lightweight, the 9590 can be carried in your pocket and delivered your blood oxygen saturation within seconds.

P/N 13-15691..........................$179.00

**EDS-4IP BUILT-IN PULSE DEMAND OXYGEN SYSTEM**  
Kit includes the low-profile instrument panel or overhead-mountable EDS 2ip control head unit with a 2.25” X 2.25” form factor, two (2) remote-mountable oxygen outlet distributor units, the new IPR (Intelligent Peripheral Regulator) with light-weight carbon-fiber wrapped cylinder with a 48 cu. ft. capacity allowing many round-trips without oxygen refills. In addition, masks, cannnulas, as well as necessary hardware and tubing are included. The pilot station comes with, FAA-CA-MI flight-level 250 tested ‘Pulse-Demand’ ALPS FaceMask that can be upgraded with a noise-cancelling microphone at any time. You can add the Alps face mask with or without microphone for your co-pilot as well.

EDS-4ip built-in Pulse Demand oxygen management systems are complete kits includes everything in the EDS-2IP but with the EDS-4ip control head unit with a 2.25” X 3.125” vertical form factor, and four (4) remote-mountable oxygen outlet distributor units

NOTE: The EDS ip systems automatically operate from a 12 or 24 Volt system at a mere 250 ma. of current. Therefore, if not specified, during your order the IPR will come with a 12 volt valve and the schematics will instruct that it be powered from the control head, via pin-19. The most preferred configuration. Otherwise the valve for the IPR must be specified for either 12 or 24 volt operation if you decide to power the IPR valve through system power and not from the control head.

EDS-2IP ........................................$12.50
EDS-4IP (Shown) ......................P/N 13-05746..........................$6,795.00

**FINGER PULSE OXIMETER**  
M300 C201 is intended for noninvasive spot-check measurement of function oxygen saturation of arterial hemoglobin(SpO2). It can be used with adult and pediatric and widely in family, clinic and hospital. Features: SpO2%, PR are displayed on screen. ± Simple and convenient operation • Light, compact (the weight is 50g including batteries) Low power consumption, two A AA batteries can be continuously Operated for 30 hours • Indication of low power consumption • Two display modes

P/N 13-05666..........................$84.95

**MOUNTAIN HIGH AVIATOR STANDARD CANNA**  
The Aviators Cannula is calibrated for use with the MH-4 Flowmeter or any other device calibrated to the standard protocol of 1 liter per minute per 10,000 ft. per FAA-FAR 23.1447. This Cannula works great with a headset!

P/N 13-11590..........................$5.95

**MOUNTAIN HIGH FLOWMETER MH-4**  
The MH-4 has two altitude flow scales. The left (compressed) scale is calibrated for the Oxygenizer™ cannula and is limited to flight of 18,000 ft. and below. The right scale is calibrated for a standard cannula or facemask up to 25,000 ft.

P/N 13-06128..........................$69.50

**MOUNTAIN HIGH OXYMIZER CANNULA**  
The Oxymizer ‘M’ type (mustache-style) oxygen-conserving cannula is the most popular version. The Oxymizer is standard issue with our XCR and APX Aircraft and may work with most any adjustable constant flow regulator.

P/N 13-11592..........................$28.50

**MH E-Z BREATHE II BOOM CANNA**  
Cannula EDS for Pulse Demand

Mountain High has redesigned their Boom Cannula system to make it even better. The redesigned nylon boom arm affixes to your headset with a ball and adhesive pad. It can swivel about and slide in and out for best fit. The new improved arm incorporates an adjustable friction lock to eliminate slippage. The nasal tips and the entire feed-tube assembly are easily replaceable, as well as the aluminum mount ball. The arm can be easily removed from the headset when not in use.

P/N 13-13067..........................$98.95

**MOUNTAIN HIGH ALPS FACE MASK**  
MH ALPS FaceMask and the MH ALPS-M (for microphone) FaceMask. The ALPS-M is outfitted with an electronic “Clear-Speak” ambient noise-cancelling microphone that enables pilots to fly with safety and comfort with clear, crisp voice communication and is compatible with most aircraft systems. The mask is easy to put on and exceptionally comfortable as it does not require a polyvinyl bag. The ALPS or the ALPS-M FaceMask can be used with any of the MH oxygen systems.

Alps Constant Flow Feed Tube Use with MH Flowmeter only

P/N 13-11388..........................$4.85
Alps EDS Style Feed Tube..........................P/N 13-13098..........................$4.85

**Description**  
**Part No.**  
**Price**

| Facemask Med. | 13-04155 | $169.80 |
| Facemask Small | 13-05136 | $169.90 |
| Facemask Large | 13-05137 | $169.75 |
| Facemask w/ Mic Small | 13-05134 | $367.00 |
| Facemask w/ Mic Med | 13-05135 | $367.00 |
| Facemask w/ Mic Large | 13-04156 | $382.00 |

**NATURAL BOOST OXYGEN**  
Altitude or Mountain Sickness is a form of Hypoxia— a condition where the body is deprived of an adequate supply of Oxygen. Recommended remedies for Altitude Sickness include proper hydration, abstaining from alcohol consumption, traveling back to lower altitudes, and SUPRHEMATICAL OXYGEN. From an article in the Parker Adventist Hospital Quarterly in Parker, Colorado- “Ailing from the Altitude”: “And, yes, taking that “shot” of oxygen sold in mini-canisters at convenience stores or a mountain ‘oxygen bar’ can help alleviate symptoms Let Boost Oxygen help. Boost Oxygen is 95% Pure Oxygen and a few deep breaths can help you stay at your best.  

4 ounce ..................................P/N 13-12975..........................$9.75
20 ounce ..................................P/N 13-12976..........................$12.50