

## Spartan Series | “Like An Easy Chair” | PA-1176M87

Designed for use by the military with 5 Ohm M87 microphone and low impedance speakers. This unit comes standard with a Pillow Top head pad and Confor® foam ear seals. This unit reduces fatigue and improves communication on long military missions.

The headset is compatible with C-130, C130J, C-141, KC-135, C-5B aircraft and the AIC-18 interphone used on many military aircraft.

### Features

Passive Noise Reduction: (NRR) 25dB  
Cell/Satellite Phone Interface - Optional  
Auxiliary audio interface for music  
    or audible checklists/warnings - Optional  
Half Metal / Half Flex “memory” microphone boom  
ElectroVoice® M87 dynamic microphone  
Pillow Top Head Pad  
Confor® foam leatherette ear seals  
Individual volume control  
Cell/Satellite phone interface (optional)  
Warranty: Three Year Warranty

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### 2.0 Fitting Your Headset

Wearing your headset properly is paramount to achieving both comfort and noise attenuation. First slightly loosen the hand adjustable knobs on the headband. The headset should be placed on your head and slowly pulled down so that each ear cup is properly positioned over each ear for maximum noise attenuation. Tighten the knurled knobs when the headset feels correct.

It should apply slight pressure on your head without being snug. You may need to make your final adjustments in the high noise environment of the cockpit.

### 2.1 Microphone Placement

Your headset comes with a ratcheting half metal/half flexible “memory” microphone boom and a dynamic M87 microphone. The boom can be rotated 360 degrees for left or right side use. Proper placement of the electret microphone is critical in order to achieve clear communications. The microphone should be placed at the corner of the mouth approximately 1/4” away from the lips.

### 2.2 Volume Control

The PA-1176M87 headset is fitted with an individual volume control. When adjusting the volume control the pilot-in-command should adjust their volume control first with the audio system turned on. Please remember that you may be dealing with 3 volume controls - radio, intercom and headset.

### 2.3 Cell/Satellite Phone Capable - Optional

Having the capability in an emergency of being able to place a cell phone call from your aircraft is one of the reasons Pilot has installed a Cell/Satellite jack on the headset. Located on the non-boom side ear cup, a 2.5mm jack has been installed. It will work with 90% of cell phones in the marketplace. An adapter may need to be purchased from your local electronics shop in order to utilize this feature.

### 2.4 Music Input Jack - Optional

The Cell/Satellite Phone Jack can also be used as a Music-Input jack. Plug in your favorite music source, IPOD®, MP3® or CD player and you’ll hear true stereo music in your stereo headset.

### 2.5 Confor® Foam Leatherette Ear Seals

Your headset is fitted with our premium head sensitive foam ear seals. The Confor® Foam ear seals will appear slightly stiff at first but will become soft as they are warmed by your body heat to the perfect shape of your ears.

### 2.6 Pillow Top Head Pad

Our PA-1176M87 has a Pillow Top cushion to distribute the weight of the headset. No more hot spots! This head pad will give you hours of enjoyable flying.

### 2.7 Optional Accessories

Twin Layer Gel Silicone Ear Seals  
Sheepskin Head Pad  
Cloth Ear Seal Covers

Leatherette Windscreen Cover  
Custom Padded Case  
M101 Dynamic Microphone

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### 3.0 Taking Care of Your Headset

Treat your headset like you would treat your stereo and computer at home. To insure the full life of your headset, keep it clean and free of dirt and you will extend the headset's life giving you many years of flying pleasure.

Clean your headsets with non-alcohol wipes or a soft slightly cloth dampened with water and a mild soap. Never use alcohol. Plastic parts dry out or fray when exposed to alcohol based products. Headband, ear cups, ear seals and cords can be lightly cleaned but one should be careful around the microphone and speakers on the headset.

### 3.1 Mic Windscreen

Pilot USA recommends periodically replacing the microphone windscreen if necessary. The foam microphone windscreen helps eliminates the popping “P”s and “T”s and annoying breath puffs when you're communicating with the headset. The foam microphone windscreen also helps protect the microphone from moisture and other elements that may cause damage to the electronics. You may use mild soap and water to clean your foam windscreen. Place the foam windscreen in mild soapy water. Rinse and make sure the windscreen is fully air dried before reattaching to the microphone.

### 3.2 Ear Cushions

Ear seals also need periodic replacing. Depending on how much you fly, temperature (extreme heat or cold) also influences the life span of your ear seals. We have several types of ear seals on our headsets. Generally, PVC, foam and silicone gel style ear seals can be wiped off with mild soap and water. Do not submerge the ear seals in water. All three types of our ear seals have vent holes and water would enter the ear seal's vent holes ruining the ear seal.

### 3.3 Communication Cord

Take care of your communication cord. Wires in the cord can break if abused. Always disconnect them by disconnecting the plugs, not by pulling the cords. Pulling on the cord, instead of the plugs is a major cause of headset repairs – it causes wire breaks and static. We recommend storing your headset in a headset case or flight bag and keeping the cords free of obstruction to reduce wear and tear on your headset. Pilot USA has a full line aviation accessories. Many dealers carry our accessories but if you don't find them at your local dealer, they can order them for you or you can call us direct and place an order.