



ACCES® is available in both air crew and ground crew versions. The air crew version uses a vent to equalize pressure in the ear canal during rapid ascent or descent. The ground crew version provides a dual-layer protection system that may be used with most ground crew headsets and offers highly improved communication intelligibility over using foam earplugs.

AIRCREW HEADSET AND ACCES



GROUND CREW HEADSET AND ACCES

Mike Melvill, pilot of the rocket plane SpaceShipOne, wore the ACCES system during his 2004 flight and said he "couldn't have heard anything" without the ACCES technology. Cabin noise levels reached 120 dB, but his communications with mission control were "perfect," and he had "no discomfort at all from the noise of the rocket motor."



"Your customer service is nothing less than outstanding."

"Please know that your product truly makes a difference to our pilots. ACCES has the potential to significantly increase their lethality in combat."

"I can hear transmissions MUCH clearer than when I use foam earplugs."

"The first time I wore the ACCES gear, I remember thinking "for the first time in 7 years, I can clearly hear my crew chief!"

"The difference is so great that I wonder how we flew before ACCES. Please know your product has many fans in the pilot-world."

"I got ACCES today... just in time for me to start flying some demanding and comm-intensive Forward Air Control/Close Air Support flights. Your fantastic product will help me greatly"



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THE IN-EAR EXPERTS™

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**ACCES** →

Attenuating Custom Communication Earpiece System



HGU-55/P AND ACCES

Sound Barrier

**Westone**  
THE IN-EAR EXPERTS™

# Because your hearing is a strategic asset.

## Why ACCES?

Westone is the exclusive\* manufacturer of ACCES which was developed jointly under a CRADA between Westone and the Air Force Research Lab. ACCES is made in the USA and consists of a proprietary, custom silicone earpiece and a communications cable. It was designed from the ground-up to incorporate the custom earpiece for improved consistency of fit, comfort and attenuation as compared to devices that use generic foam tips. With an average of 30 dB noise reduction, ACCES vastly improves speech intelligibility and clarity in high noise environments leading to increased situational awareness. The patent-pending ACCES modular design integrates specialized electronics and a communications cable with a custom-molded earpiece that allows for the separate replacement of earpieces and cables.



The ACCES custom earpiece provides a repeatable, consistent and high-performance fit because it conforms to the unique contours of each individual's ear.

It eliminates incorrect placement of hearing protection, maximizes comfort and passive noise reduction, and stays firmly seated in the ear. The soft, durable silicone earpieces are available in a wide array of solid colors and color combinations.

The ACCES communications cable features a dual-flange housing that contains a balanced armature driver. This unique design allows for a secure fit of the earpiece to the communications cable and prevents acoustic slit leaks.



## The Westone Philosophy

We believe in The Golden Rule. We treat people the way we would like to be treated. If you have a problem, we'll help you solve it. If we make a mistake, we'll correct it. *Our goal is 100% customer satisfaction.*

## Remake policy

We will remake an earpiece for free if it does not fit properly (90 day limit). We will replace an ACCES cable if it fails within the first 90 days. We will also replace an earpiece if it fails due to materials or workmanship in the first year.



HGU-56/P AND ACCES

## Peak Performance

Make sure all ACCES cables are mission-ready when needed. The Universal Audio Cable Verification (UACV) test set performs a fast and reliable test of any ACCES cable.

Easy to use with an operator-friendly interface, the UACV performs a frequency response test (as opposed to a continuity check) on the ACCES cable assembly to detect any performance degradation. A visual Pass/Fail indication (green or red LED) is provided at three discrete frequencies in the critical speech range. With over 70 dB of dynamic range, the UACV is capable of testing of all ACCES cable models. To accommodate future ACCES cables, the UACV is also reprogrammable by Westone. The test set operates on two AA batteries and is housed in a durable, hardshell case.



## Approved Airframes

Since 1999, Westone has been working closely with the Air Force Research Laboratory (AFRL) to develop custom communications and noise-reduction solutions for the F/A-22 Raptor program and other aircraft. ACCES is currently approved to fly in the F-22, F-15, F-16, A-10, B-1, B-2, B-52, and C-17 aircraft.



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