

tbone aviation™
headset
For Your Ears Only



tbone aviation™

tbone
aviation™
headset

With Bone-Conducting
Technology



A Brand New Approach To Pilot Communication

Imagine an aviation headset offering you perfect comfort, effective reduction of ambient noise, and allowing clear communication with crew members – yet never compromising your situational awareness! Imagine an aviation headset with no microphone boom, earcups or headband, more compact than any headset you have ever seen before – and weighing just 10 grams!

That is what the new tbone aviation™ headset is all about



A Truly Built-in Microphone

The patented microphone in the tbone aviation™ headset does not register sound waves traveling through the air. Instead, it picks up vibrations from your head as you speak – we call it tbone-conduction Technology. This concept eliminates the microphone boom completely, providing extremely compact design with focus on comfort and safety.



A headset really made for pilots

For Your Ears Only

Each and every tbone aviation™ headset earpiece is individually “sculptured” and molded to fit the user’s ear, ensuring optimum comfort and a perfect hold. When you purchase a tbone aviation™ headset, it is yours and yours alone. Moreover, the perfect fit of the earpiece also ensures excellent protection from the ambient noise in the cockpit.



Extreme Comfort

Fitted directly into the user’s ears and weighing only 10 grams, the tbone aviation™ headset is so comfortable that you will barely notice it is there, even during lengthy flights.

With no microphone boom, no earcups, and no headband, the user can eat and drink while still communicating effortlessly.

Listen to Your Fellow Pilot



Even cockpit communication is enhanced. The acoustic filters in the tbone aviation™ headset allow human voices to bypass the noise protection and you will clearly hear every word spoken by people around you. The volume in the ear facing your fellow pilot can furthermore be reduced – or even turned off.



Safety and Convenience



The tbone aviation™ headset provides some noise reduction. Keep the plugs in your ears while performing a walk-around inspection and enjoy considerable noise protection while still being able to have a normal conversation.



The use of an oxygen mask also becomes much easier with the tbone aviation™ headset. Just slip on the mask without removing and putting back on your headset. As the microphone picks up speech sounds from the user's head only, the usual breathing noises from within the mask are eliminated.

Your tbone aviation™ headset comes in a compact carrying case that slips conveniently into your flight case, making it easy to bring with you at all times.

Testimonials

I can wear it all day

"This is a great headset! – light and comfortable. I can wear it all day with no problems. It is quiet, and I can still hear my co-pilots. Plus – it looks great!"

Capt. Michael Hayes

Made for pilots

"This headset is really made for pilots. It has targeted most of the communication aspects and at the same time eliminated many of the disadvantages by traditional headsets. It's very comfortable to wear and easy to use. It does take a few minutes to get use to though, as it makes your voice sound a bit different. I especially like the idea that the headset protects my hearing on both ears and at the same time allows me to hear what is going on in and around the cockpit.

Capt. Lars Möller, Maersk Air

Coffee tastes much better

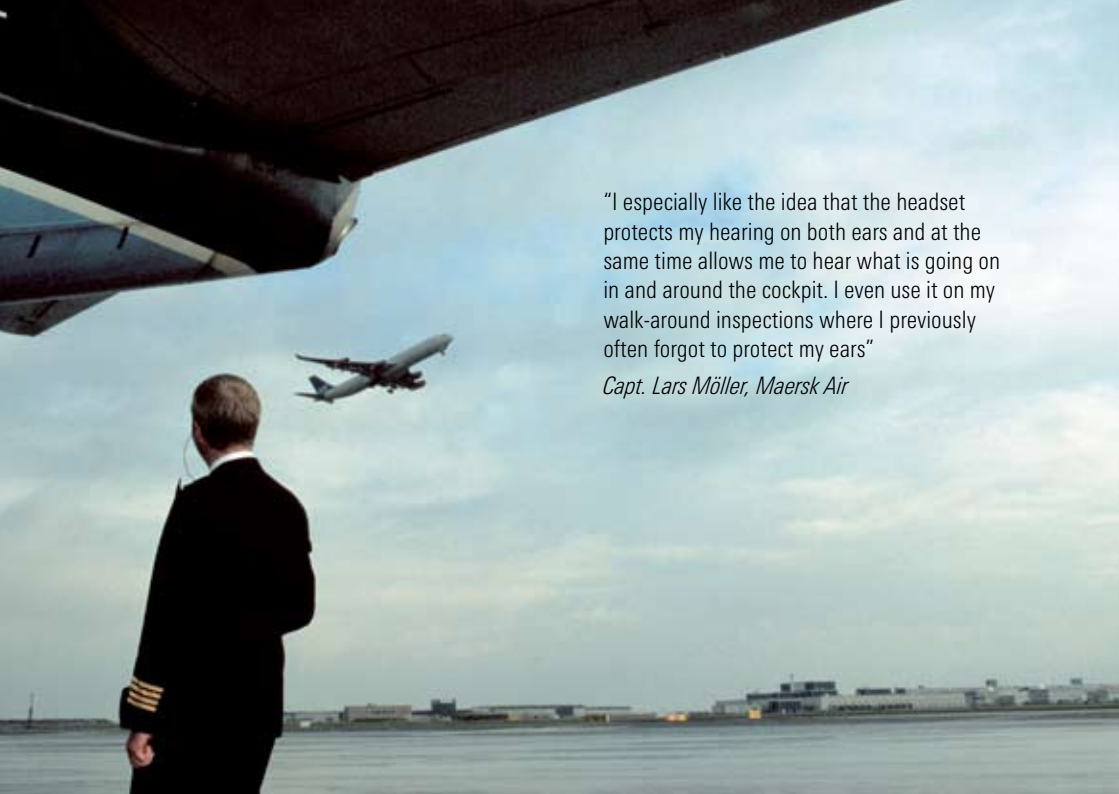
"The tbone aviation™ headset is a great invention. I find it much easier to use with the full-face oxygen mask than traditional headsets. Oh, and the coffee tastes much better without the microphone!"

Capt. Len Goreham, Delta Air Lines

Great invention

"This has been the greatest improvement to the Boeing 737 cockpit since the PFD/ND display and the Head-up Guidance System"

*Capt. Carter Chapman,
Boeing 737-800 Line Check Pilot*



"I especially like the idea that the headset protects my hearing on both ears and at the same time allows me to hear what is going on in and around the cockpit. I even use it on my walk-around inspections where I previously often forgot to protect my ears"

Capt. Lars Möller, Maersk Air

Technical Information

Earphones

Principle:	Electro dynamic
Frequency response:	350-3000 Hz
Impedance:	600 Ohm
Sensitivity (1kHz, 1mW):	90dB SPL

Microphone and amplifier

Principle:	Electric condensor microphone, bone-conductive
Frequency response:	400-4000 Hz
Output voltage:	50mV at 94dB SPL
Supply voltage:	8-16 V, max 25mA

Other

Weight:	10 grams (Earpieces), 145 grams (Total)
Cord length:	105 cm (Earpiece to amplifier), 150 cm (Amplifier to panel)
Panel Connections:	Pj-055 & Pj-068

Certifications

TSO ETSO-C57a and ETSO-C58a
Intelligibility ISO/DIS 9921 and ANSI S3.2/1989

Patentno: 5.659.620 (US), 0673587 (EUR)

Technical data subject to change without notice

How To Order

Please order on our website: www.tboneaviation.com
Further information about individual customizing of the earpieces, delivery, and pricing can also be found here.

tbone aviation

With Bone-Conducting Technology

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tbone aviation a/s develops and markets innovative, high-tech and consumer oriented communication products and applications for the global aviation industry. In dialog with our customers we constantly strive to enhance and develop solutions with the aim to improve situational awareness, safety and working conditions for the users.



tbone aviation™

tbone aviation

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