

**3M** Science.  
Applied to Life.™

3M™ Personal Safety Solutions for Aerospace

# Ramp up your team communication.

Enhance safety and streamline  
operations with crew-wide wireless  
communication headsets.



# We apply the Science of Safety to deliver hearing conservation solutions.

You can't always rely on a 30,000-foot view of your hearing conservation program to address the complex hazards your crew faces. That's why 3M is here to help you solve health and safety challenges with resources like our Center for Hearing Conservation that go well-beyond than just our quality products.

## Hearing Conservation Program Manager

The 3M™ Hearing Conservation Program Manager is a tool to help you efficiently and effectively manage your hearing conservation program. It integrates critical data into one easy-to-use, web-based application to give you complete confidence.

## Fit Test Validation

Get results you can trust. The 3M™ E-A-Rfit™ Dual-Ear Validation System provides accurate, quantitative and objective results. And because you can simultaneously test both ears, you'll have more time to educate employees on the importance of fit and compliance.

## Experience & Training

The 3M global hearing team provide valuable on-site training and seminars throughout North America, helping employers and their workers achieve their hearing conservation goals. Whether it's explaining attenuation ratings or regulations or helping to provide the motivation workers need to comply, 3M trainers are available to help you achieve your hearing conservation program objectives.

Explore the 3M Center for Hearing Conservation at [3M.com/CHC](http://3M.com/CHC).



# What's a word worth?

**In this business, one missed non-verbal communication signal can lead to aircraft damage, injury or worse.**

Your crew already has a lot stacked against their success. Snow, rain, wind, loud noise, darkness, moving vehicles and more. In the middle of all that they need to communicate effectively as a team while pushing back planes. The slightest distraction or misinterpretation could be disastrous and costly.

What if they could communicate freely during one of the most critical tasks they perform?

Globally, there are

**250,000  
ramp injuries  
per year.**



Aircraft repair costs  
due to ramp incidents is

**\$5 billion  
annually**

Source: The Flight Safety Foundation,  
[https://flightsafety.org/asw/may07/asw\\_may07\\_p20-24.pdf](https://flightsafety.org/asw/may07/asw_may07_p20-24.pdf) - May, 2007

# Clear communication right out of the gate.

Protect and connect your ramp crew with 3M™ PELTOR™ WS™ LiteCom Pro III Headsets.

Now your push-back teams can have clear and effective communication, even in high levels of noise. Using hearing protectors, wireless communication technologies, and noise-canceling microphones, the tug driver can be in constant contact with the flight deck and wing walkers.

Featuring Environmental Listening Technology, the headsets allow you to hear like normal when it's relatively quiet, yet provide protection when noise levels increase. Built tough for the working professional, PELTOR headsets are comfortable for all-day wearability and are resistant to rain and dust.

Help protect your crew, your planes and your turn times with 3M™ PELTOR™ WS™ LiteCom Pro III Headsets.

## Hearing Protection Plus

- ▶ Trusted hearing protection from an industry leader with communication capabilities.

## Always in Range

- ▶ Features up to 1-mile range and hands-free, voice operated transmission.

## Copy That

- ▶ Noise-cancelling mic filters out ambient noise.

## Protective Hearing

- ▶ Helps protect when it's loud, let's you hear like normal when it's not.

## Whatever the Weather

- ▶ Professional-grade weather resistance and durability.

## Bright Day or Night

- ▶ Bright yellow for enhanced visibility.

## Add On and Take Off

- ▶ Scalable system allows for an unlimited number of headsets.



Wireless Plane Adapter

Switchcraft® Plug, FL6007-WS5 GB  
Neutrik® Plug, FL6007-WS5-01 GB

## Accessories:



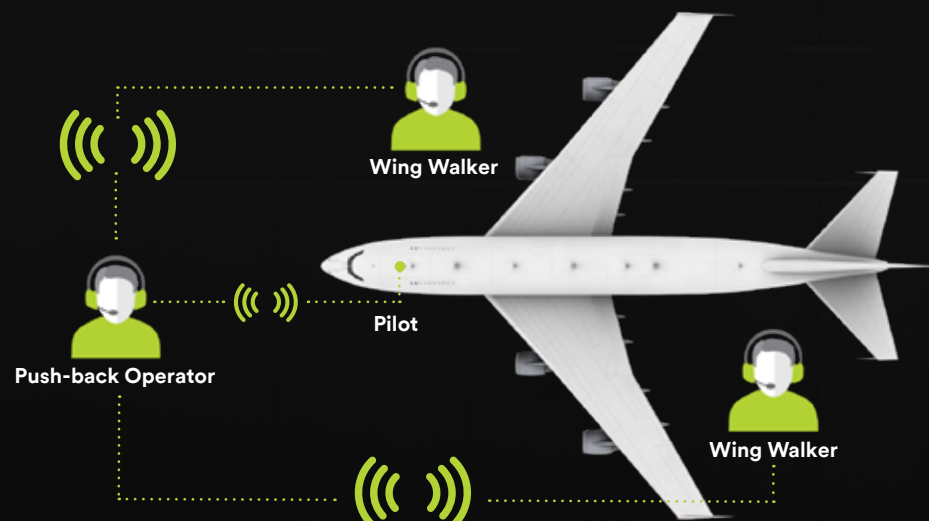
Replaceable hygiene kit, HY83



Mic hygiene tape, HYM1000



Removable & rechargeable battery, ACK081



Find out more at  
[3M.com/PELTOR](https://3M.com/PELTOR)



**Tech Ops Mechanic**  
(See back panel)



**Push-Back Operator**





**TechOps/Ramp Agents**

**Fleet Services**



**Flight Crew**



**Wing Walker**



# 3M Hearing Solutions for Aerospace

Ensuring your entire crew is protected while still allowing them to communicate effectively is critical to operational improvement.

## Hearing Protection

Wide variety of comfortable, lightweight, and easy-to-use solutions.



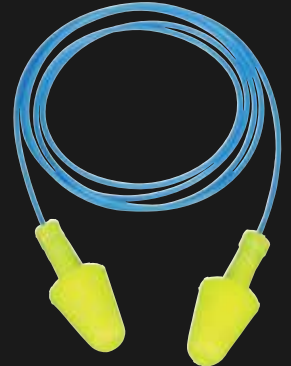
3M™ PELTOR™ X4  
Earmuff, X4A



3M™ E-A-R™ Ultrafit Reusable  
Earplug with Cord, 340-4004



3M™ E-A-Rsoft™ Yellow  
Neons™ Earplugs, 311-1250



3M™ E-A-R™ Flexible Fit  
HA Earplug, 328-1001

## Protective Hearing

Helps provide protection when you need it; hear like normal when you don't.



3M™ PELTOR™ Electronic  
Earplug, EEP-100



3M™ PELTOR™  
ProTac III Headset,  
MT13H221A

## Protective Communication

Helps provide hearing protection and allows clear communication in noisy environments.



3M™ PELTOR™ WS™  
LiteCom Pro III Headset,  
MT73H7A4D10NA GB



3M™ PELTOR™ WS™  
ProTac XPI Communication  
Headset, MT15H7AWS6  
*Wireless tug-to-plane (no wingwalkers)*



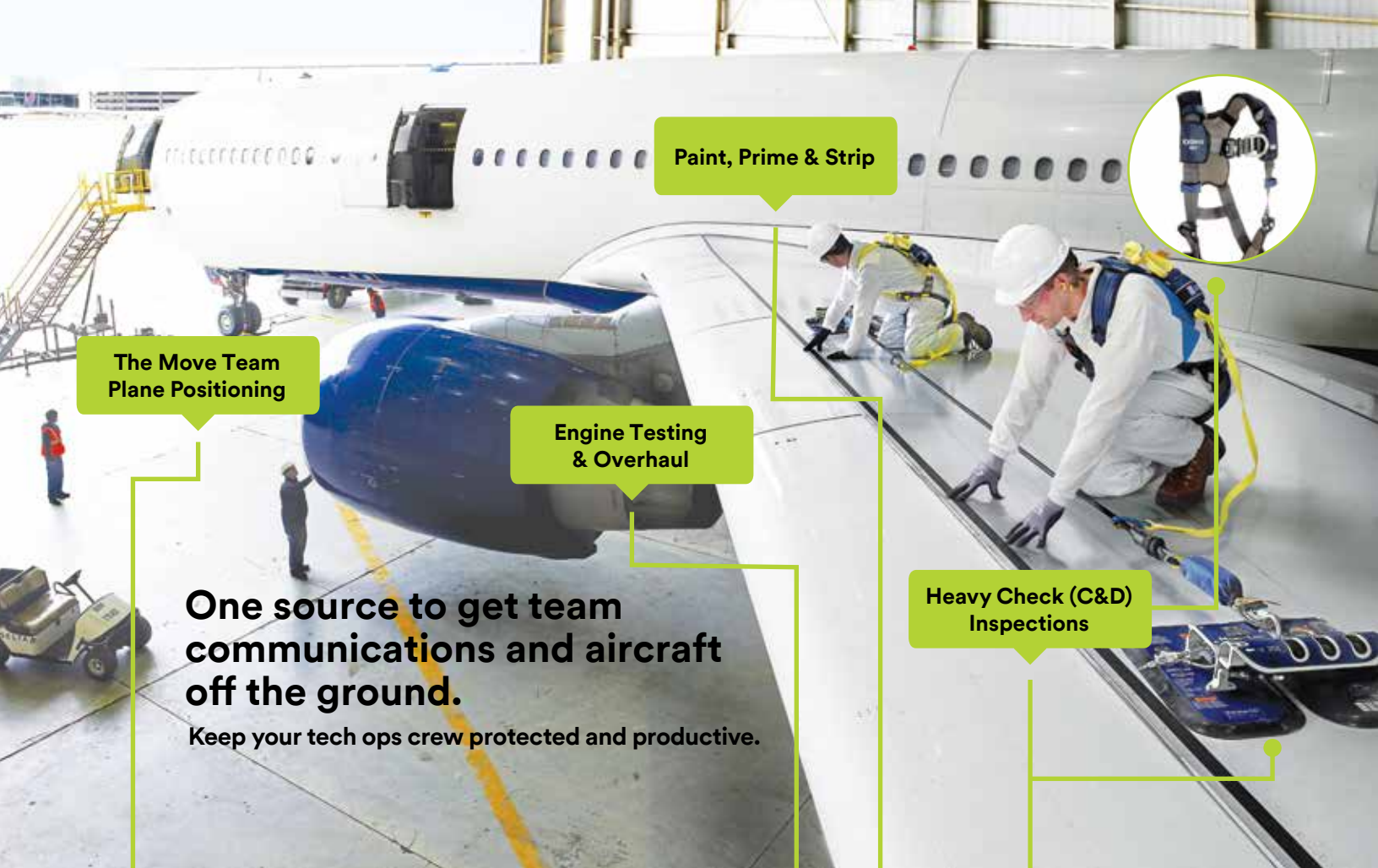
3M™ PELTOR™ CH-3  
Headset, MT74H52A-110  
*Single headset wired to the plane*



Flex Cable, FLX2-201

Plane Adapter Cable -  
Switchcraft®, FL5006-02 GB

Plane Adapter Cable -  
Neutrik®, FL5006 GB



### Protective Communication

3M.com/PELTOR



### Hearing Protection

3M.com/Hearing



### Respiratory and Skin Protection

3M.com/RespiratoryProtection



### Fall Protection and Confined Space Solutions

3M.com/FallProtection



### Head Protection

3M.com/SecureFitSafetyHelmet

### Eye Protection

3M.com/SecureFit



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