



# TruLink<sup>®</sup>

## Wireless Voice Communications

(Refueling Aircraft Operations and Maintenance)

- **Enhance mission safety with clear communication**
- **Increase safety and mobility by eliminating restrictive communication cords**
- **Eliminate misinterpreted visual hand signals**
- **Maximize aircraft turnaround through higher efficiency**

TruLink<sup>®</sup> Wireless Intercommunication System (ICS) is a military qualified voice intercom system that provides *full-duplex conversation* among multiple users. The system is adaptive-VOX activated enabling *hands-free operation* and is designed to *operate in the high ambient noise environment* of an aircraft flightline. TruLink<sup>®</sup> can be used as a stand-alone system or interface to the aircraft intercommunication system so wired and wireless systems can communicate.

TruLink has been tested and evaluated by the Air Mobility Battle lab and subsequently authorized for use on aircraft platforms via approved 1067's & AWR's.

### Applications

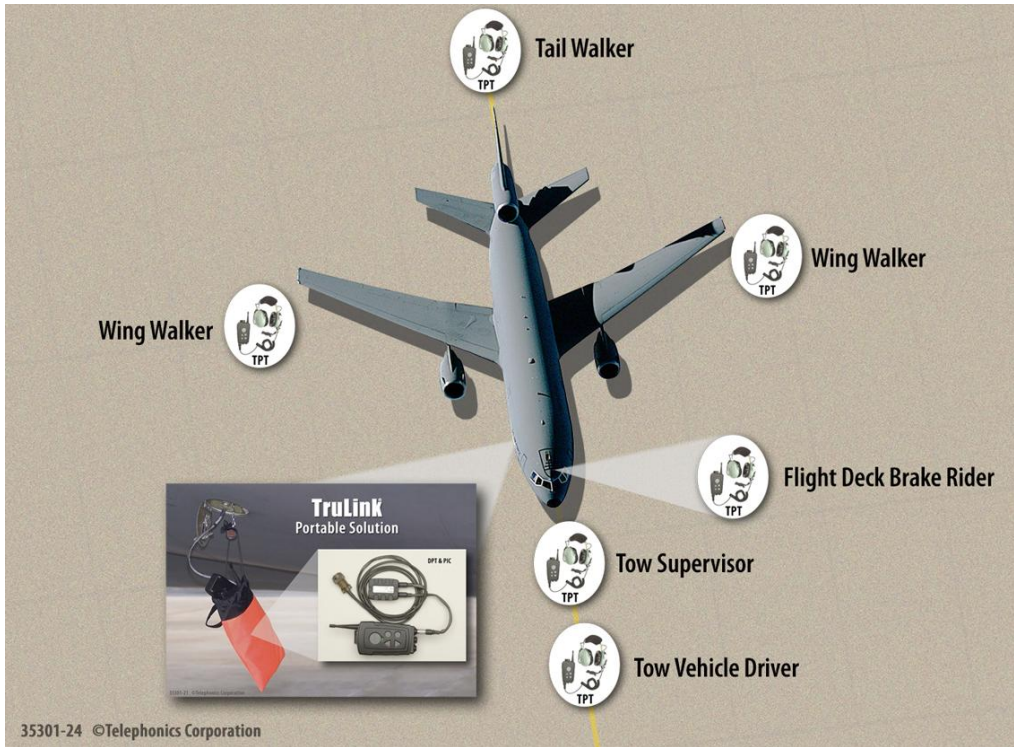
- Cargo loading and unloading
- Aircraft tow, pushback and wing walking
- Tower radio monitoring
- Aeromedical Evacuations
- Enhances communications during aircraft launch and recovery, while increasing safety amongst crew members
- Tail stands, increase effective communication during mechanical repair, inspection, and maintenance
- Avionic, hydraulic and electrical system servicing
- Fuel system overhauls and Engine/APU runs
- Hot refueling








### Typical Configuration

Maintenance and aircrew connect their current headsets to the TruLink<sup>®</sup> Portable Transceiver (TPT) for wireless intercommunications between each other and their aircraft. A Dual Port Transceiver (DPT) is a portable wireless bridge that connects to the aircraft's existing wired Intercom System (ICS) Crew Station via a Platform

Interface Cable (PIC). A representative configuration to enable six (6) users for wireless connection to each other and the aircraft intercom system is as follows:



Item	Part Number	Qty	Photo	Notes
TruLink® Portable Transceiver (TPT)	780-1000-001-CF0095-M25	6		Plug in existing maintainer/aircrew headset to TPT
Dual Port Transceiver (DPT)	780-1000-003-CF0095-M23	1		Stand-alone unit connects to existing aircraft wired ICS
Headset Adapter (for DPT)	CC6658-M7	1		Enables initial DPT setup – not used during operation
Platform Interface Cable (PIC)	JB6856-M1 (KC-10) or -M12 (KC-135)	1		Interfaces DPT to existing aircraft ICS
TPT Pouch	AMTC-P1109-UC	7		Optional holder for TPT or DPT

Contact:

- Keith Walsh, 631-755-7112, [walsh@telephonics.com](mailto:walsh@telephonics.com)
- TruLink Website <http://www.telephonics.com/products/trulink.asp>