

# TELEX

## *Technical Data Sheet* **Airman 750 and 760** Aviation Headsets and Headphones



*Airman 750  
Shown*

### **General Description**

The Telex Airman 750 is a lightweight, general aviation headset complete with boom-mounted, noise-canceling electret microphone.

The Airman 760 is identical to the Airman 750, except it does not have a microphone.

The Airman 750 is approved for aircraft use under FAA (Federal Aviation Agency) TSO C57a and C58a; the Airman 760, under TSO C57a.

### **Design Features**

#### **Headphones**

Both units feature open-air style earphones for long-term, fatigue-free usage. The earphone housings are mounted on stainless steel sliders which permit over two (2) inches (55mm) of fitting adjustment. The ear cushions are removable for easy field replacement.

#### **Microphone (Airman 750 Only)**

The Airman 750 Headset features a miniature, amplified, noise-canceling electret microphone that provides superior 400Hz hum rejection. The microphone boom is flexible for optimum microphone placement, and it is reversible for wearing on either side of the head. For best results, the microphone should be positioned as close to the mouth as possible. A position at one side of the mouth is best to minimize popping, hissing, and breathing sounds when speaking.

The microphone amplifier is contained in the boom-side earphone housing. The amplifier has an adjustable gain control and provides output levels equivalent to carbon microphone levels. (Adjustment by a qualified avionics technician is recommended.)

### **Specifications**

#### **Receivers**

Type: Dynamic

Impedance: 150-600  $\Omega$

Frequency Response: 100-3000Hz

Sensitivity: 90dB SPL/mW @ 1KHz

#### **Microphone and Amplifier (Airman 750 Only)**

Type: Noise-cancelling electret

Matching Impedance: 50-600 $\Omega$

Frequency Response: 300-5000Hz

Sensitivity: -51dB re: 1V/ubar at 1KHz, 12VDC bias

Operating Voltage: 8-16Vdc

#### **Plug Type**

Airman 750: Microphone: Molded, PJ-068 equivalent

Receiver: Molded PJ-055 equivalent

Airman 760: Molded PJ-055 equivalent

#### **Gross Weight**

Airman 750: 4oz. (115g)

Airman 760: 3oz. (85g)

#### **Cord Length**

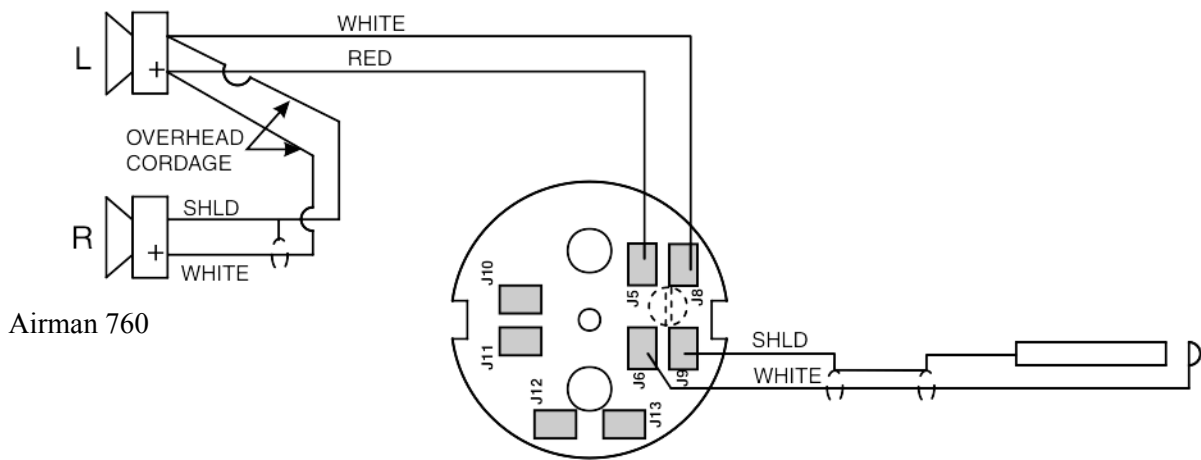
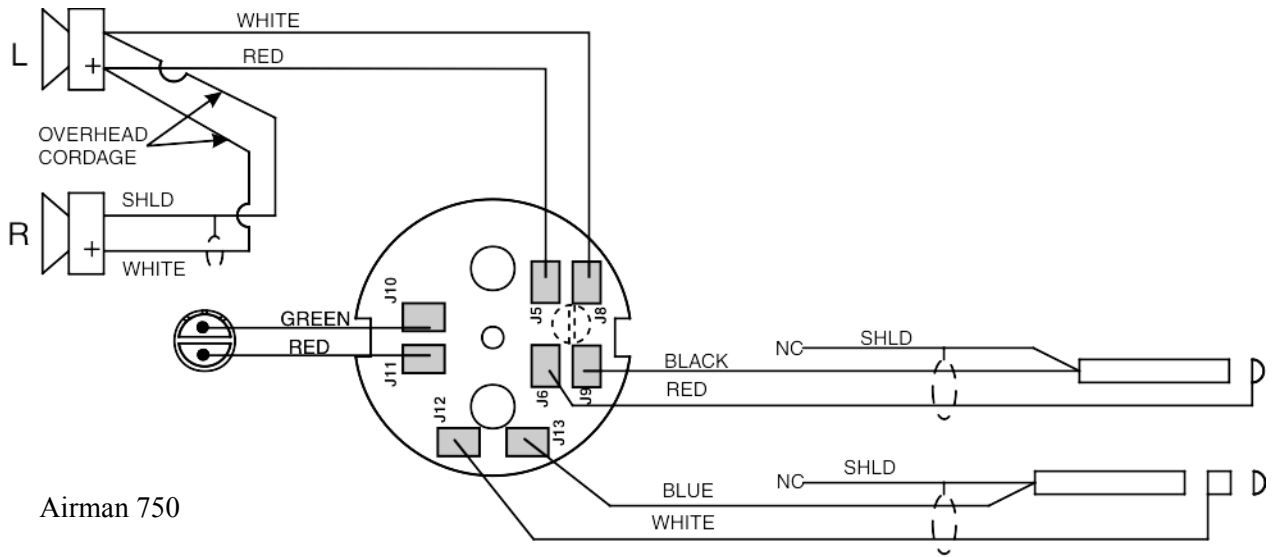
Airman 750: 5.5ft (1.7m)

Airman 760: 5.5ft (1.7m)

#### **Color:**

Black

# Airman 750/760 Wiring Diagrams



## Ordering Information

Airman 750 Headset.....	Catalog No. 64300-200
Airman 760 Headphones.....	Catalog No. 64400-200
Replacement Ear Cushions.....	Catalog No. 800456-005
Replacement Clothing Clip.....	Catalog No. 590637-000
Optional PT-300 Push-To-Talk Switch.....	Catalog No. 63966-000
(For use with Airman 750 when the aircraft does not have a built-in PTT switch)	