

Avionics Pre-Flight

Prior to Start Up – Pre Flight Power On

- Headset Quality – Jacks, Battery, Volume, Mic Adjustments.
- Phone Jacks – Locate, Plug in secure, Tighten if necessary
- Intercom – Squelch, Volume - preliminary
- Audio Panels – buttons in desired position
- Com – Frequency's set (some may reset in power down)

After Start Up

- Test Intercom, adjust squelch, volumes
- Check Audio Panel settings
- Test Com Radios(s) - Listen to ASOS, adjust volumes, Squelch
- Turn off/down unnecessary equipment (Nav/VOR/ADF volumes)
- Com /Nav– Frequency's set
- Check Transmission – Announce taxi intentions/position ask for radio check

Troubleshooting

■ Loud Background noise

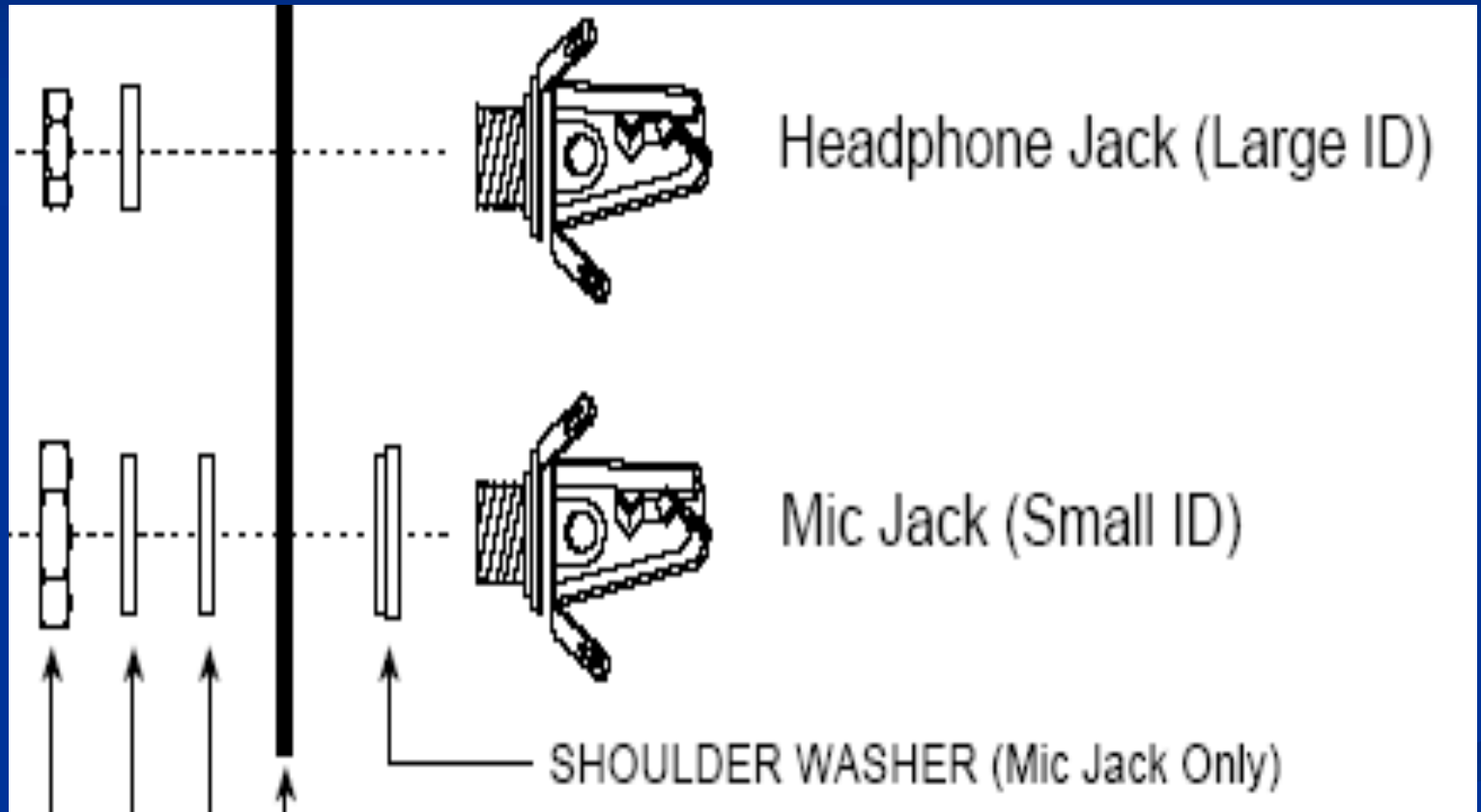
- Intercom squelch not set right
- Com/Nav squelch not set right – in test mode/auto squelch off
- Nav/ADF/DME volume too hi – turn all off except Com
- Nav Ident on
- Wind blowing into mic from air vents.
- Interference from USB Chargers or portable electronics.

■ No response back when transmitting

- Check headset plugs (may not be transmitting or receiving)
- Ck transmit initiator on com (PTT may be in/op)
- Check Audio Panel – set to Xmit on correct COM/Freq.
- Check COM volume
- Ck Alternator – weak battery will receive but not Xmit
- Try alternate COM

Phone Jack

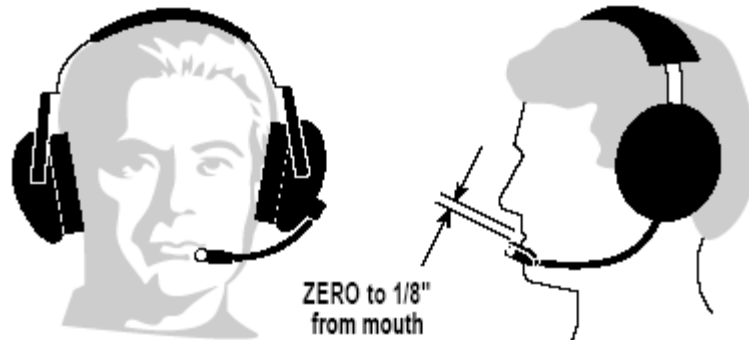
Check for tight Hex Nuts



Headsets

- Make sure it's plugged in properly and phone jacks secure & tight.
- Mic at proper distance – no more than 1/8”
- Check that the Mic is oriented the right way, some have a gain control that may need adjustment.
- Turn Volume up all the way to start with, adjust later to balance intercom/com volumes

Fig. 2 Correct Placement of Boom and Mic



Intercom Controls

375 - 91X - 64R

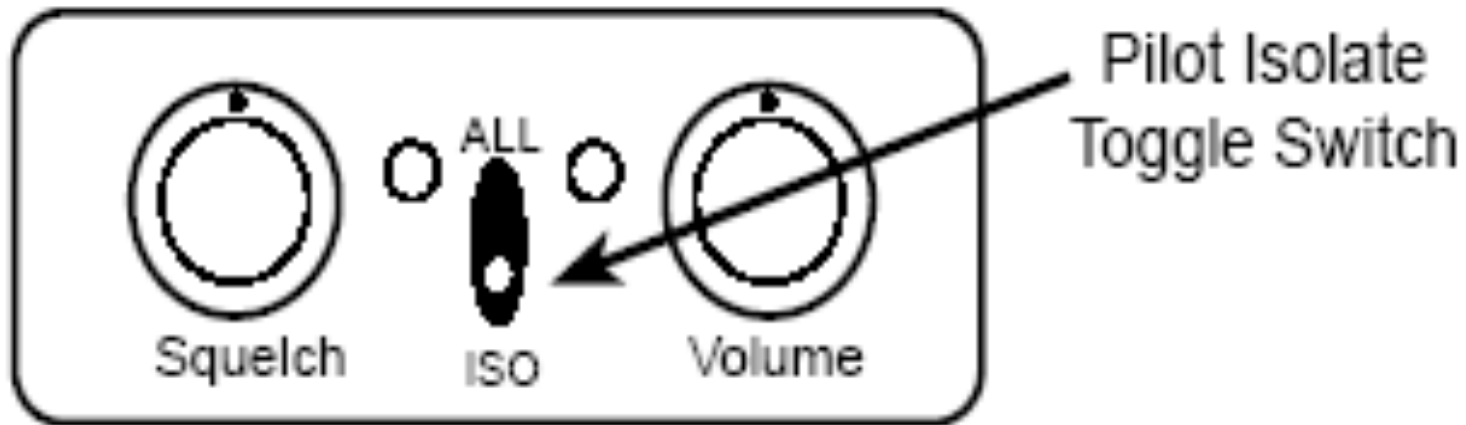


SQUELCH – Initially set at 3 o'clock. Adjust as far clockwise as possible, no one talking to block out noise.

VOLUME – Initially set at 11 o'clock. While speaking loudly adjust to a comfortable listening level.

Sterile Cockpit

Pilot Isolate Switch Location



Intercom Front Panel

Back Up Plans

- Have a Portable Com – good batteries
- Loss of Com – Xpond code: 7200
- Hand Held Mic / Speaker
Learn how to use them !
- Extra Headset
- Cell phone with ATS phone numbers.
(Listed in AFD Airport Fac Dir)