



# Garmin 340 Audio System

**Cirrus Transition Course**

12/23/03

**The system information, procedures and guidelines found in this presentation are for Reference Only.**

**The information & procedures in this presentation have been taken from the FAA Approved Airplane Flight Manual and Pilot's Operating Handbook (POH). The Information & Procedures in this presentation DO NOT SUPERSEDE the Information & Procedures in the POH. In the event of conflict, the POH shall take precedence.**



# General

- ▶ **Provides intra-cabin communications**
- ▶ **Interfaces crew stations with onboard communications**
- ▶ **Provides interface for the management of audio controls**



# Controls and Functions



## ▶ Marker Beacon Lamps

- A – Inner Marker / Airway Beacon (White)
- O – Outer Marker (Blue)
- M – Middle Marker (Amber)

## ▶ Marker Beacon Monitor

- Off
- On
- Mute (available when signal is being received)



# Controls and Functions



- ▶ **Pilot Squelch (Large Inner Knob)**
  - Controls microphone sensitivity
- ▶ **Pilot Intercom Volume / On-Off Switch**
- ▶ **SENS – Marker Beacon Sensitivity**
  - Hi – Used for enroute operation
  - Lo – Used for terminal operation
  - Note – should be in high sensitivity for the lights to illuminate.



# Controls and Functions



- ▶ **Transceiver Audio Selector Buttons**
- ▶ **Transmitter Selection Buttons**
- ▶ **Navigation Radio Monitor**
- ▶ **DME Monitor**
  - No DME signal – DME is GPS derived
- ▶ **ADF Monitor**
  - No ADF signal – ADF equipment not installed



# Controls and Functions



## ▶ Com Split

- Allows pilot to listen/broadcast on Com 1 while co-pilot listens/broadcasts on Com 2 simultaneously

## ▶ Speaker Selector

## ▶ Public Address

- When use in conjunction with transmit button, allows pilot to communicate over cabin speaker



# Controls and Functions



## ▶ Pilot ICS Isolation

- Isolates pilot from co-pilot and passengers
- Co-pilot and passengers can continue to use intercom

## ▶ Crew ICS Isolation

- Isolates pilot and co-pilot from passengers
- Passengers can continue to use intercom





# Controls and Functions



- ▶ **Test**
- ▶ **Co-pilot Squelch**
- ▶ **Co-pilot Intercom Volume**
  - When pulled out, controls passenger intercom volume



# Features

## ▶ Fail Safe

- In the event of a power failure, pilot station is connected directly to Com 1

## ▶ Music Inputs

### • MUSIC 1

- Input is soft-muted during any radio or intercom activity
- Pilot ICS Isolation – isolates pilot from MUSIC inputs, co-pilot and passengers continue to receive MUSIC 1 input
- Crew ICS Isolation – isolates passengers from MUSIC 1, crew can continue to listen

### • MUSIC 2

- Crew ICS Isolation – isolates crew from MUSIC 2, passengers continue to receive MUSIC 2 input
- MUSIC 2 is not muted during radio or intercom activity

**\*Note FAR 91.21 use of portable electronic devices\***

