



Sound Quality. Sound Engineering.

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PS Engineering's Solves an Age-Old Problem

PAC37 drops in, when others fail

NBAA-NBACE – Las Vegas October 22, 2024 (Booth 3225, Trimec Aviation)

The Problem: Legacy audio systems in hard-working jets. Solution: PS Engineering, Inc.

Once again, PS Engineering finds a way to fill a space the market has neglected: legacy jet audio systems. Light to medium business aviation jets have long been lacking a reliable audio panel solution, at a reasonable cost, to drop into the place of an old version.

Because the audio panel connects to every communication and navigation radio in legacy aircraft, installing a new audio system can feel overwhelming, not to mention expensive. Even when upgrading the primary avionics suite, many legacy audio panels are often left untouched. Today, PS Engineering, Inc is introducing the PAC37, the only *truly* direct plug-and-play replacement for many of the Baker series 1045 analog audio panels. Fundamentally, it is Form, Fit, and Function backward compatible, but additional functionality is built in.

PS Engineering's PAC37 is a Plug 'N Play retrofit audio panel, which also can have added capabilities in demand by today's flight crews:

- Independent Bluetooth in each audio panel for cellular telephone and audio streaming
- IntelliVOX® auto-squelch along with Push-to-Talk and hot mic intercom
- TXI - Intercom stays active during radio transmission
- RXI- Com text flashes when audio is active
- Crew PTT Key indicator with 35 second stuck PTT disconnect
- Support for up to three stations
- Artificial Transmit Sidetone
- Illuminated selection indications for front panel user controls
- Music selection on/off and volume control
- Configurable Music muting



PS Engineering's Configuration Tool and fully customizable label nomenclature ensures the PAC37 will replicate the functionality of the existing audio system.

Although the PAC37 is a drop-in replacement without any modification, other capabilities are available with additional wiring on a separate connector. These include:

- Extra headset with mic (crew jump seat/ground crew)
- Stereo
- MultiTalker® Dimensional COM Audio Location (with stereo)
- Hardwired stereo music input
- Additional unswitched audio inputs

The PAC37 is currently undergoing TSO Qualification testing and will be available for delivery in the fourth quarter of 2024. List prices start at \$28,995.00 per two-panel shipset.

Initial introduction is directed initially to Gulfstream platforms with Dassault Falcon, and Bombardier Challenger to follow quickly. Contact PS Engineering for additional information.

The new PAC37 will be on display at NBAA Booth 3225, Trimec Aviation. Come and visit!

Founded in 1985, PS Engineering, Inc is a leading manufacturer of general aviation and special mission audio control systems. The company's sole corporate focus is excellence in the design and manufacture of audio control systems. PS Engineering is credited for many innovations in the field, including aerocom®, The Muse®, IntelliAudio®, IntelliVox®, flightmate®, MultiTalker®, Softmute™, Split mode™, Swap Mode™, and the IRS™ (Internal Recording System), as well as being the first to integrate Bluetooth® in audio control systems. Flying Never Sounded So Good® when our audio control systems are installed by our network of over 400 authorized dealers/installers worldwide. PS Engineering, Inc., is a leader in retrofit avionics as well as a supplier to other major avionics manufacturers for their audio panel requirements. For more information, please visit www.ps-engineering.com