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13 – October 2021: Lenoir City, TN

PAC45J System with MultiTalker<sup>®</sup> provides pilots ultimate control over the audio environment, promotes safe and effective communications. When Chicago Jet Group (CJG) embarked on a Falcon 900B upgrade path to complement their successful Falcon 50 upgrade, they chose the PAC45J Audio Control system with either a two or three control head option.

The Chicago Jet Group STC ST04533CH provides approval for installation of the Universal Avionics InSight<sup>®</sup> EFIS with 4 EFI-1040P displays. The EFIS installation is complemented with dual Universal UNS-1Fw flight management systems that provide LP/LPV approach capabilities, a CVR-120A cockpit voice recorder, UniLink UL-801 communications management unit, Latitude Technologies Iridium-based SkyNode S200 Safety Voice satcom for the cockpit, and Aircraft Lighting International adjustable LED cockpit lighting.

“Adding the digital PAC45J Audio Control System to this sophisticated, but pilot-centric avionics suite is a logical extension of the upgrade path,” said PS Engineering’s PAC45 Specialist, Greg Ledbetter.

“The Falcon 900 is a solid airframe that deserves 21<sup>st</sup> century equipage to extend its value.”  
“Sometimes the legacy audio system gets overlooked in an avionics refresh, as owners think, “What’s new in an audio system. As with the other upgrades, the single point wiring for the PAC45J saves time and weight.”

The PAC45J provides many features to complement the upgrade:

- Single point audio connections at remote HUB
- Navaid Identifier Filter
- O2 mask button
- MultiTalker<sup>®</sup> True Dimensional Sound (HRTF)
- Bluetooth<sup>®</sup> Connectivity
- Wired Music Input
- Custom bezel labeling
- FAA-TSO
- Up to 8 COMS + SATCOM
- Eight NAVAID selection
- Five unswitched inputs
- Dual CVR (Pilot & Copilot)
- Dual Public Address
- Independent, customizable Audio Alert Generator
- Voice-activated intercom with IntelliVox<sup>®</sup>

Founded in 1985, PS Engineering has become a leading manufacturer of both 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 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. With a network of over 400 authorized dealer/installers worldwide, the company 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](http://www.ps-engineering.com)



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