

FAQ's

Is the Legacy XL Stationary Panel approved for my model?

It is currently available for:

- Cessna 172 models E through M, S/N range: 17250573-17265684
- Reims F172 models E through M, S/N Range F172-0019 through F17201384.

The 172B, C, and D, as well as all models of 175 are currently in development.

Why do I need the Legacy XL Stationary Panel?

The Legacy XL Stationary Panel is the only STC/PMA approved solution for replacing the stock stationary panel in Cessna aircraft. In Cessna 172's manufactured prior to the 1976 model year, the control yoke position was approximately 1-1/2" higher than in later models. This resulted in offset and nonstandard flight instrument layouts. To achieve the look of modern Cessnas, an alteration to the stock stationary panel would need to be made to accommodate either a traditional "six pack" or a 10-inch PFD.

The Legacy XL Stationary Panel is an easy way to convert your older Cessna 172 to allow for the installation of a six pack or PFD, while offering a variety of other bonus features including a brand new eyebrow, Radiorax Avionics rails, and completely customizable cover panels.

What is a Stationary Panel?

Your Cessna instrument panel is typically made up of two parts, the stationary panel and the shock panel. The shock panel is the left side panel mounted on rubber isolators, which houses the instruments that are most sensitive to vibration. The stationary panel is the structure that the shock panel is mounted to. It also houses the instruments that are not sensitive to vibration. The stationary panel is riveted to the fuselage and provides structure, specifically it is attached to engine mount stringers and a forward fuselage bulkhead and ordinarily is not considered removable.

The avionics are approved for my aircraft model, why wouldn't they fit?

Avionics STC's such as for the Garmin G3X Touch or Dynon SkyView HDX both contain approval for the installation of either a 7-inch Primary Flight Display OR a 10-inch Primary Flight Display. All Cessna 100 series aircraft are on the Approved Model List for the equipment, but their installation instructions explicitly state that it is the responsibility of the owner and installer to determine whether the equipment will fit. The STC's may include guidance for altering the *floating panels only* and will refer you to AC43.13-2B for guidance on altering the structure.

What are the specific limitations of instrument panels in older Cessna Models?

Older Cessna 172 models came with a variety of instrument layouts due to the constraints of the OEM stationary panel, which was made of stamped aluminum. It

contained a large opening around and above the pilot's control yoke where the instruments housed in the shock panel would be. This opening was framed with a rolled edge, which gave the stationary panel rigidity and strength. The size and dimensions of the opening changed slightly throughout many early model years.

These older Cessna 172 models also had a slightly higher control yoke, with its measurement from the floor to the control yoke being 1.5" higher than later models. As a result, the open area between the control yoke support and the top of the stationary panel opening is not large enough to house two full size instruments. Thus, the main instruments were offset from the center above the yoke.

How does the Legacy XL Stationary Panel Kit change my Cessna?

The Legacy XL Stationary Panel Kit raises the height of the panel by just under 1.5 inches. This results in a slightly more sloped glareshield, and a very minimal change in sight picture.

The Legacy XL Stationary Panel Kit is fastened to the airframe utilizing the same mounting points as the OEM stationary panel, and the installation retains all supporting pieces that fasten to the stationary panel and the firewall. All the aircraft controls, switches, etc are in the same location. Once the Legacy XL Stationary Panel Kit is installed in your aircraft, you can jump right in and it will feel just like your familiar Cessna 172.

Does the Legacy XL Stationary Panel Kit include avionics?

No, the Stationary Panel Kit does not include any avionics.