

FAA STC ST02923CH | EASA STC 10039706

Installation of ECS EZMount™ Mechanical Mounting Assemblies on Boeing 737 Series Aircraft

OVERVIEW

- » FAA STC ST02923CH
- » European Aviation Safety Agency (EASA) STC 10039706

Govern the installation of the EZMount mechanical mounting assemblies in accordance with Electronic Cable Specialists (ECS) master data list ECS-209276.

YOUR NEEDS

Provides modernized electronic flight bag (EFB) system mounting provisions to support future installation of EFB display units on Boeing 737 aircraft.

YOUR BENEFITS

Incorporation of the STCs is required to support separate installation and operational approval of EFBs in the cockpit. Ultimately, the EFB system provides flight crews the ability to interact with electronic maps, charts, and manuals in lieu of accessing standard paper documentation. System installation will reduce materials costs and aircraft weight without compromising ergonomic concerns.

STC AIRCRAFT EFFECTIVITY

- » Boeing 737-600/-700/-700C/-800/-900/-900ER series aircraft

STC CONFIGURATIONS & LIMITATIONS

- » **Configuration 1:** Installation of two EZMount Tilt mechanical mounting assembly's provisions on the captain's and first officer's cockpit sliding windows.

STC Limitations: None

PRODUCT DESCRIPTION

- » This project installs ECS EZMount Tilt mounting assembly provisions on the lower section of both cockpit sliding windows.

ELECTRICAL CHANGES

- » No wiring is installed or re-terminated as part of this project. Existing wire clamp locations along lower window frame are changed to ensure clearance for added assembly.

MECHANICAL CHANGES

- » The lower window trim is removed.
- » A mounting bracket for the EZMount Tilt is installed on the lower window frame using existing mounting locations with longer fasteners.
- » The new window shroud is attached to the lower frame of the window.
- » The EZMount Tilt is attached to the mounting bracket.

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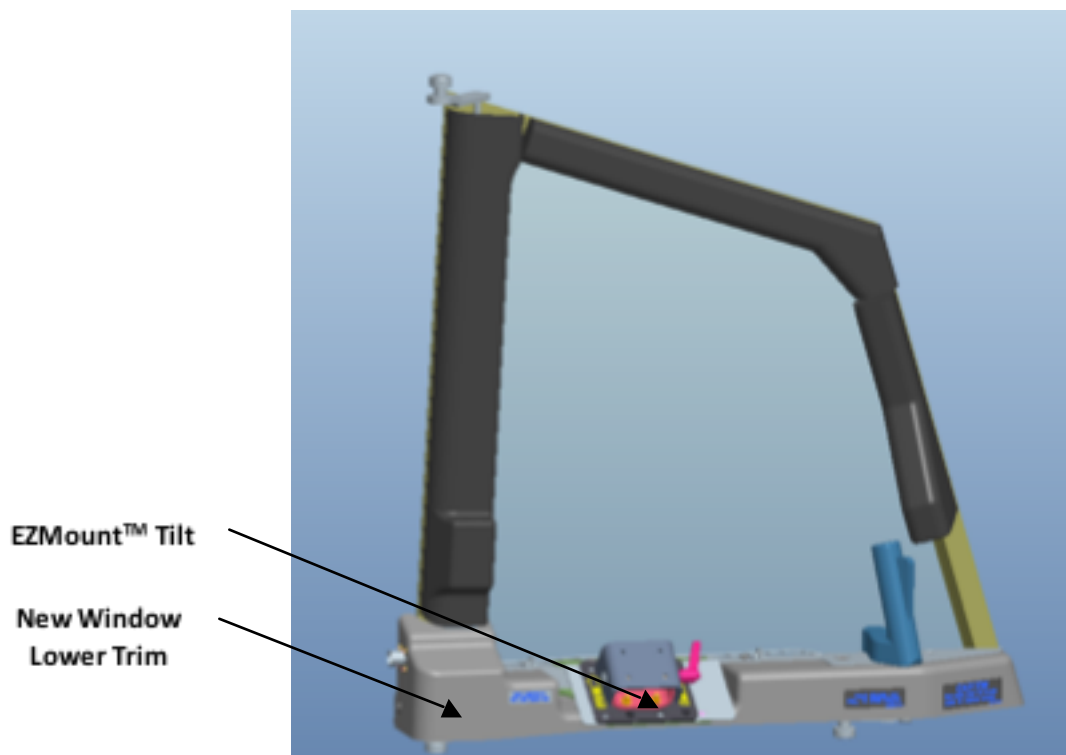


FIGURE 1:
Captain Side Window Modified with EZMount Tilt
(First Officer Installation is Mirror Image)