

## FAA STC ST02708CH | EASA STC 10033754

### Installation of EZ Mount™ Arm Mechanical Mounting Assemblies on Lower Frames of Cockpit Sliding Windows on Boeing MD-11 Series Aircraft

#### OVERVIEW

- » FAA STC ST02708CH
- » European Aviation Safety Agency (EASA) STC 10033754

*The STCs govern the installation of EZMount™ arm mechanical mounting assemblies on lower frames of cockpit sliding windows in accordance with Electronic Cable Specialists (ECS) Master Data List ECS-207476.*

#### YOUR NEEDS

Provides modernized EFB system mounting provisions for Boeing MD-11 series aircraft.

#### YOUR BENEFITS

Incorporation of STC ST02708CH is required to support separate installation and operational approval of EFB mounting provisions in the cockpit. Once installed, the complete EFB system will provide 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 MD-11 & MD-11F series aircraft

#### STC CONFIGURATIONS & LIMITATIONS

- » **Configuration 1:** Installation of two EZMount arm mounting assemblies on lower window frame of captain's and first officer's cockpit sliding windows.

*STC Limitations: None*

#### PRODUCT DESCRIPTION

- » The installation consists of two EZMount arm mounting assemblies located on the lower frames of the captain's and first officer's cockpit sliding windows. The EZMount arm assemblies are installed to provide a multi-position mounting support for later installation of devices, such as EFBs or displays, in the cockpit under separate FAA approval. The EZMount arm mounting assemblies are articulated to allow positioning of an attached device at any location or angle within its range of motion.
- » Each mounting arm can be installed on the captain's and first officer's side window trims.

#### ELECTRICAL CHANGES

- » No new wires are added and no existing wires are modified or relocated.

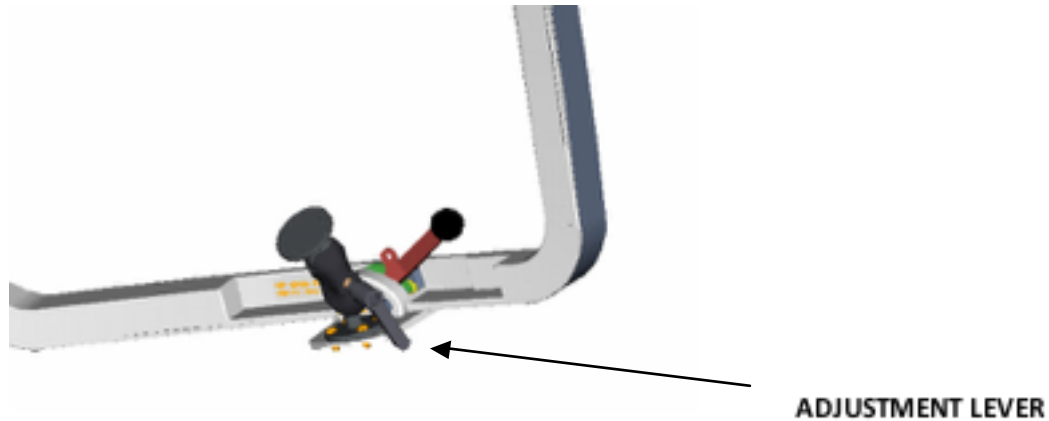
#### MECHANICAL CHANGES

##### Configuration 1:

- » The EZMount arm mounting assembly is a mechanical, articulated arm that provides an attachment provision for a device, such as an EFB, installed under a separate approval. The arm contains two ball joints, one attaching it to the airframe, the other providing an angular adjustment of an attached device. By loosening an adjustment lever and manipulating the arm, an attached device can be moved to a wide variety of angles and positions. Maximum allowable weight for an attached device is 6.5 pounds. See Figure 1.
- » Modification to the existing first officer's side window trim and installation of EZMount arm will be a mirror image of the modification implemented on the captain's side.

## FAA STC ST02708CH | EASA STC 10033754

Installation of EZ Mount™ Arm Mechanical Mounting Assemblies on  
Lower Frames of Cockpit Sliding Windows on Boeing MD-11 Series Aircraft



**FIGURE 1:**  
Captain's Side Window Modified with EZ Mount Arm  
*(First Officer's Installation is Mirror Image)*