

## Legacy Rosen Arms - Gulfstream Aircraft

### The Problem

In the day, Rosen Aviation pioneered individual passenger monitors, which at the time were selected as standard equipment for Gulfstream's GIV, GV, G450 and G550 cabin entertainment systems. The proprietary Rosen Aviation electro-mechanical socket allowed the video monitors to connect and disconnect allowing the video monitors to be stowed and then deployed once in flight.

Today, however, not only are these monitors and mechanisms no longer supported by Rosen Aviation, but they are obsolete in the world of audio-video sources and distribution on aircraft. Today's passengers bring their own media via their Personal Electronic Devices (PEDs) such as mobile phones and tablets like iPads and Android Tablets. Modern cabin management systems can even stream media to these devices via the audio-video system or streaming products such as GoGo Avance and others. In most cases, these Rosen Aviation arms, receptacles, or monitors are inoperative, unserviceable, and unusable.



### The INGENIO Aerospace Solution

INGENIO Aerospace has designed a product solution that addresses the obsolescence issue of the Rosen legacy receptacle and monitor problem, offering aircraft owners an opportunity for a great alternative. INGENIO offers a receptacle replacement that will fit within the same location, and Sidewall Tablet-Easels to complement those receptacles. This installation provides USB Power Delivery (PD) functionality, and specifically fits in the sidewall 'window box' present in these Gulfstream platforms. The INGENIO receptacles are CAN-TSO- C71 certified and DO-160G qualified.



These products allow passengers to use PEDs to watch their carry-on content and allow charging of the devices via the USB-C Charger while the Sidewall Tablet-Easels are installed in the Receptacle or even when the Tablet-Easel is removed with a USB-C charger port.

This solution breathes new life into aircraft cabins where "dead" Rosen Aviation receptacles are taking up space.

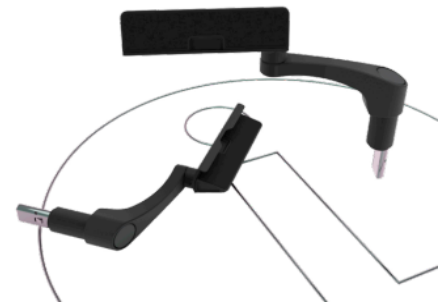
## INGENIO Parts Required

### The Parts

The INGENIO legacy Rosen arm display solution is to install the latest Power Delivery 'Fast Charge' Receptacles, with a minor modification, to be used with the INGENIO Sidewall Tablet-Easels.

Changing out the Rosen Aviation receptacles (Rosen PN 0100-XXX) with the INGENIO AeroReceptacles150 - PN 209-8101-015, (3A @ 5 VDC) is a quick and easy installation with a receptacle that fits the same location, and uses the existing wiring with just a change to the connector type. The compatible INGENIO Sidewall Tablet-Easels (5-inch arms) are:

PNs 209-8362-111 (LHS Easel) and 209-8362-211 (RHS Easel)



INGENIO Sidewall Tablet-Easels LHS & RHS



### Receptacle

INGENIO

209-8101-015  
AeroReceptacle150

### Arm

INGENIO

209-8362-111  
Sidewall Tablet-Easel LHS  
5" Tablet Easel

209-8362-211  
Sidewall Tablet-Easel RHS  
5" Tablet Easel

### Tablet Cabin Mount

INGENIO Aerospace

Sidewall 'window box' - Rosen  
Receptacle Solution for  
Gulfstream platform

**Contact INGENIO or an  
INGENIO Dealer to find out more:**  
[sales@ingenioaerospace.com](mailto:sales@ingenioaerospace.com)

Phone: +1 514 500 0561

Copyright © 2024 by INGENIO Aerospace  
MSD-SS-2-240318