

## Cessna Mustang Monorail Sunvisor System Installation Instructions

**Kit R1970000**

This is an FAA STC'd installation requiring a log book entry and FAA Form 337 for completion.

Doc: 9041-0197-001

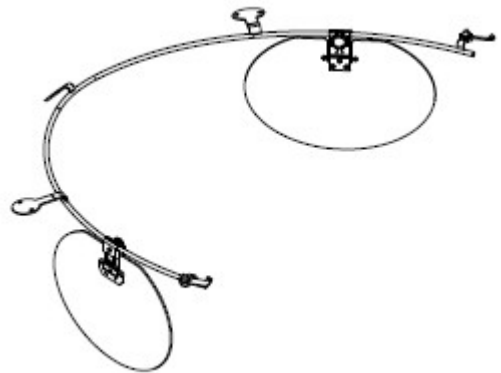
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Please read through these instructions completely before beginning.

Installation Hardware (included):

2	1970210	Nut Plate Assembly
2	MS24694-C53	#10-32 x 23/32 FPHS 100°

1. Prepare center handgrip by removing both upper and lower plugs and the upper hex head fastener and washer. Save this hardware for use in Step 5. Loosen the lower fastener no more than 6 complete turns. Rotate the hand grip 30 to 90° in either direction on the lower fastener.



**NOTE: DO NOT REMOVE LOWER FASTENER.**

2. Remove both original equipment visor assemblies by removing the two Phillips head screws on the long axis of the mounts. Save the fasteners for installation

**Note: The mount has to be manipulated to be removed from the hole in the headliner.**

3. With an assistant to support the rail and fasten one screw in one of the oval brackets into the original mount location.
4. Fasten the other oval bracket. The rail may have to be flexed slightly to align the holes. Do not tighten at this point.
5. Install the remaining two fasteners to the oval brackets. Re-attach the handgrip passing the MS24694-C53 #10-32 x 23/32 flat head screw and washer saved from Step 1 through the handgrip and forward rail bracket. Once the rail is in place tighten all fasteners to full closure plus 1/8 turn. Replace both plugs.
6. Follow the natural curvature of the rail to locate and mark the location for the rear brackets stabilization point. **Using a light and a mirror access the space behind the rear mount point through the seat belt access hole to determine there is no wiring or equipment behind the mount point.**

**NOTE: If there is wiring or materials within ~3 inches of the rear mounting position the headliner will need to be removed to properly restrain the materials before proceeding.**

7. Using a 7/32 drill equipped with a drill stop set to ¼ inch drill a clearance hole through the Trim Panel only. Do not penetrate more than 1/4 inch.
8. Place the #10-32 x 23/32 screw through the bracket and hole just placed in the Trim panel. Capture the fastener with the nut plate supplied. Hold the nut plate while tightening the fastener. Repeat on other side. The monorail system is now installed.

9. Loosen the clamp on the visor, and turn the visor on the clamp to allow the visor assembly to be placed on the rail. The clamp screw must be on the inside for use.

**Continued Airworthiness Instructions:**

- **(On the ground only)**
  - Periodically clean the lenses with a soft cloth and Rosen Plastic Cleaner, Polisher and Protectant, or mild soap and water. Do not use abrasives on the lens.
  - Periodically adjust the pivot tensions on the visor assemblies.
  - Periodically check all fasteners for correct tightening
- Updates to this continued airworthiness section are available on the Rosen Website. ([www.rosenvisor.com](http://www.rosenvisor.com))

The most up to date version of this document is available on the Rosen Website ([www.rosenvisor.com](http://www.rosenvisor.com)).

We recommend that you periodically look to make sure you are using the most current version.

**Airworthiness Limitations:**

The Airworthiness Limitations Section is FAA approved and specifies maintenance required under §§43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.

There are no airworthiness limitations associated with this installation.