



# Installation Instructions for Cessna Citation (Kit R500S-010-2) 'Mod' Monorail Sunvisor System (Citation S/N 1-10, 12-213)

p/n R1260000-2

This is an FAA STC'd installation requiring a log book entry upon completion.

Doc: 9041-0126-002

Rev	Date	Approved
D	1/21/09	GH

Please read through these instructions completely before beginning.

## Hardware:

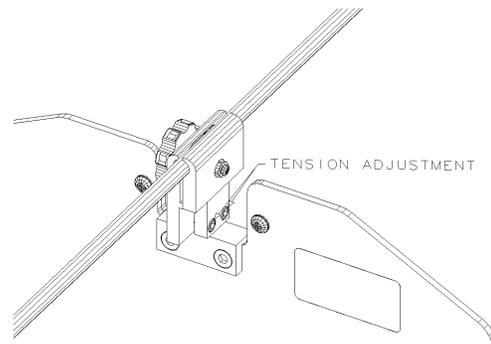
- |   |                |                                  |
|---|----------------|----------------------------------|
| 1 | 3/32 Hex Key   |                                  |
| 1 | 7/64 Hex Key   |                                  |
| 2 | PS10F16CPG02NA | #10-32x1 Nylon Washer SS Screw   |
| 6 | PS8C16CPG02NA  | #8-32x1 Nylon Washer SS Screw    |
| 2 | PS8C5CPG02NA   | #8-32x5/16 Nylon Washer SS Screw |
| 1 | 1260110        | Mod Plate                        |
| 2 | 1260106        | Barrel Nut                       |

- Remove existing automotive style sun visors including pivot arms and front and rear plastic retainer clips.
- Remove Royalite shroud which is directly behind the center plastic bracket.
- Remove backing block that is glued to the rear of Royalite (the backing block may already be loose due to age).
- Place front mod plate with threaded holes up in the location originally taken by the backing block in the rear of the Royalite shroud. Align through holes in mod plate and holes in Royalite, then mark the threaded hole location. Drill two 3/16 inch holes in the shroud for fastener clearance at the marked locations.
- Align and attach the mod plate to the shroud temporarily using 2 #8-32x5/16" Nylon Washer Screws.
- Reattach shroud and mod plate assembly to the center post using 2 #8-32x1" screws. Re-install and tighten trim screws.
- Remove the #8-32x5/16 screws holding the mod plate to the shroud for later use.
- Install the side barrel nuts (P/N 1260106) into the clevises originally occupied by the visor pivot arms. It may be a good idea to have a #10-32x1 mounting screw in the barrel nut to help with the installation. After the barrel nut is in the clevis tighten the clevis set screw just enough to hold the nut in place. Remove the #10-32x1 screw.
- Using the #8-32x5/16 screws provided, loosely fasten the front bracket in place.
- Using the #10-32x1 screws provided, loosely fasten both forward side brackets, using the middle slotted hole for the fastener.
- For each rear attachment, use the forward nut plate and secure with one #8-32x1 screw. Use the other #8-32x1 screw as filler for the aft hole.

- With all the attachment points completed, tighten the side barrel nuts in the old visor clevis and then tighten the side brackets in place. The side bracket should pull in to conform to the shape of the trim material.
- Tighten both front and rear screws.
- To install the visor assemblies onto the rail, loosen the thumb knob until the clamp just fits over the rail, then install with the knob towards the pilot's position.
- Tighten the knob to just snug, rotate the visor to overhead, and install the 'E-clip' onto the groove on the threaded end of the thumb knob.

NOTE: The 'E-clip' is installed to prevent over loosening of the thumb knob.

- When the visor is on the rail the tensioning knob should face AFT.
- To move the visors, loosen the thumb tensioning knob until the clamp is loose enough to be slid along the monorail while holding the thumb knob. In order to move past the mounting brackets the visor must be positioned so that the clamps pass over the brackets.
- Your monorail system is equipped with a swivel design that allows rotation about the axis of the lens. Rotational tension can be adjusted by adjusting one or both of the hex socket head cap screws on the back side of the clamp block and below the thumb knob screw.
- The visor should be aligned parallel with the clamp block before sliding along the monorail.
- As this is a one piece monorail system, either visor can move the entire length of the rail, allowing complete sun shielding not previously available.



### **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 clean rail with a non-residue alcohol based cleaner.
  - Periodically remove and clean the clamp features on the visor clamp block using an alcohol based solution.
- 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.