



# Installation Instructions for Piper PA-28, PA-32, PA-44 with OEM Center Mount Installations NSA Sunvisor System

(Kit RPF-300-1)

Doc: 9050-0139-004

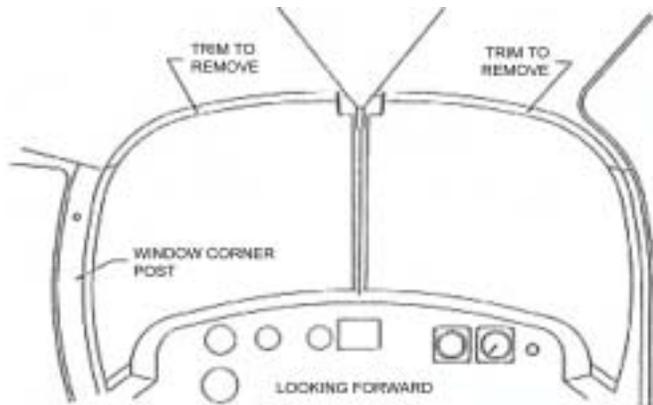
Rev	Date	Approved
B	1-22-04	GH

*Pease read through these instructions completely before beginning.*

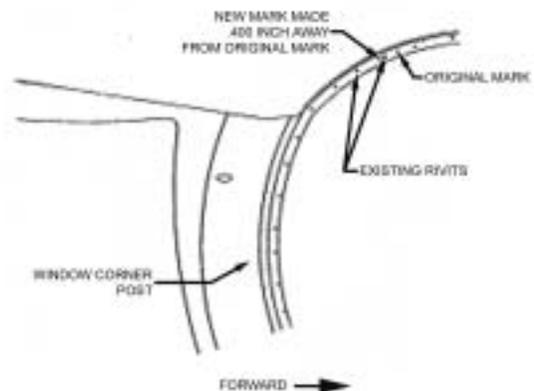
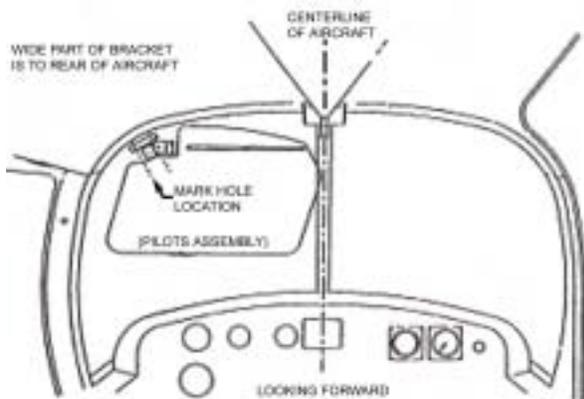
**Hardware:**

- 4 AN507C1032R16 #10-32 x 1 Screw
- 4 A10K80 #10 Rivnut
- 1 3/32 Hex Key
- 1 7/64 Hex Key

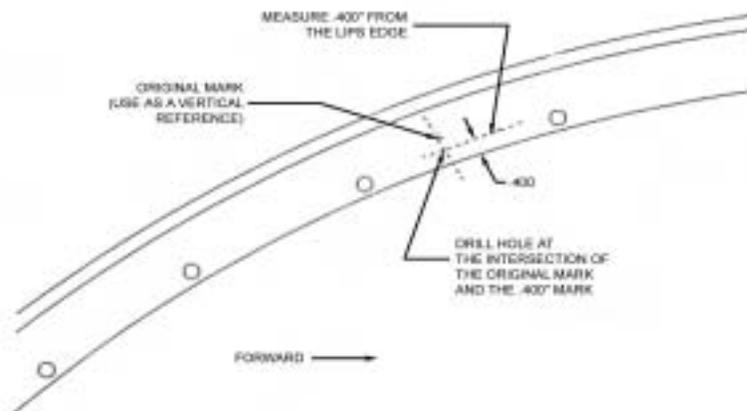
- Remove the overhead trim piece that runs by the top of the windscreen in front of the pilot and copilots position.
- Take the NSA sunvisor marked 'Pilot' and holding it across the center of the aircraft just short of the centerline determine the mounting location. The bracket should be between the existing rivets, aligned with the windshield frame and oriented so the thick side is pointing towards the rear of the aircraft. The mounting bracket should be above and inboard of the trim piece on the window corner post. Mark both mounting holes.



Note: The red knob will be towards the windscreen.



- Measure to the rear of the forward metal lip where you just marked the outboard hole .40" and verify that when the visor is held up to this position the end of the lens is not across the centerline of the aircraft. The mark should not be on any existing rivets but between or beside one of them.



- Install AK80 rivenuts (supplied) in the marked locations using an appropriate procedure and tools. **Do not drill into the aircraft structure.** If you are unfamiliar with the installation of a rivenut fastener seek qualified assistance.
- Repeat this procedure for the Co-Pilots side.
- Re-install the overhead Royalite trim piece and when properly located feel for the heads of the rivenuts. Mark the center and with a sharp object such as an awl. Loosen or remove the trim piece and drill a 7/32 hole for each location. On older aircraft the Royalite can be very brittle. Use caution when drilling.
- Re-install the trim and mount both pilots and co-pilots visors with the AN507C1032R16 screws provided. (Caution: Do not over tighten any of the fasteners.)

### **System use:**

- To stow: Swing to the side and rotate tight to the overhead. In some Pipers you may want to rotate up in front, but in many models the trim handle may be in the way.
- To move: Your new Rosen NSA visor will move to just about any position that the sun will interfere with your vision and every axis can be adjusted with the Allen wrenches provided for the right feel for every individual.
- If the mounting block for each visor has a slight rock to it the unit is moving on the heads of the rivenuts. If this is happening either shim around the head of the rivnut or increase the clearance hole in the Royalite to clear the rivnut.
- For continued Airworthiness: **(On the ground only)**
  - Periodically clean the lenses with a soft cloth, mild soap and water or an approved aviation grade windscreen cleaner. Do not use abrasives on the lens.
  - Periodically adjust the pivot tensions on the visor assemblies.

