



Installation Instructions for Cessna 320 Series Aircraft Sunvisor System (Kit RC320-300-1)

(R1182200-0)

This is a FAA STC'd installation requiring a logbook entry upon completion.

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Rev	Date	Approved
C	12/11/2007	GH

Installing your Rosen Sunvisor System is easily performed and should take approximately 1 hour.

Please read these short instructions **COMPLETELY** before starting.

Tools Required (not included):

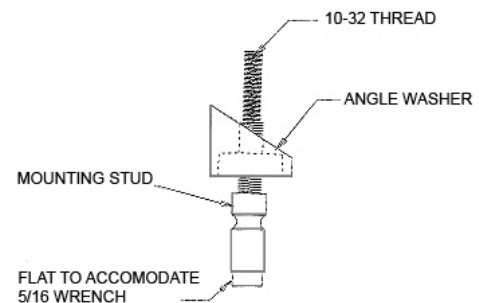
5/16 Wrench
Socket

Installation Hardware (included):

Qty:	(2)	1182201	320 Swivel Stud
	(2)	1182202	320 Angle Washer
	(2)	1428LNSS	1/4-28 LOCK NYL INS SS
	(2)	MS16995-27B	8-32X5/8 SHC Screw
	(2)	8HCLW	#8 Hi Collar Washer
	(1)	5/32 Hex Key	
	(1)	9/64 Hex Key	

Remove the original sunvisors from your Cessna 320. This will reveal a #10-32 hard mounting point in the aircraft.

- Run the 1/4-28 locking nut completely onto the threaded mounting stud provided. Slide the angle washer onto the stud as shown.
- Thread the #10-32 threaded portion of the mounting stud into the hard point in the airframe. Use a 5/16 wrench on the flats provided on the mounting stud. Be careful not to burr or damage the stainless steel diameter on the mount as it will score the inside of the clamping mechanism.
- After the stud has been secured in place, use a deep socket to tighten the 1/4-28 locking nut, making sure the angle washer fits the contour of the overhead trim. When tightened, the locking nut and trim adapter should lock the mounting stud in place to prevent rotation when the visor is turned. When tightened, the distance from the trim adapter to the bottom of the mounting stud is .925", which allows for .050" clearance between the visor clamping mechanism and the trim adapter. If necessary, loosen the 1/4-28 nut and screw the stud in or out using the 5/16" flats, and retighten.
- Lubricate the clamp and stud, then mount the sunvisor assembly onto the stud and secure with the #8-32 screw and lock washer provided. Tension the screw to provide proper resistance to motion.
- Repeat this procedure for the opposite side of the aircraft.
- Installation is now complete.



Continued Airworthiness Instructions:

- **(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.
- Updates to this continued airworthiness section are available on the Rosen Website. (www.rosenvisor.com)

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

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.