

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number SA00071SE

This certificate, issued to

**Rosen Sunvisor Systems
86365 College View Road
Eugene, OR 97405**

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part * of the * Regulations.*

Original Product—Type Certificate Number:

*See attached FAA Approved Model List (AML)

Make:

No. SA00071SE for a list of approved aircraft

Model:

models and applicable airworthiness regulations.

Description of the Type Design Change: Cockpit Sun Visor installation in accordance with FAA approved Rosen Sunvisor Systems Drawing List Number RMY-00DL, Revision A, dated October 4, 1993, or later FAA approved revision.

Limitations and Conditions: The approval of this change in type design applies to only those Aircraft Models listed on AML No. SA00071SE, dated April 5, 1994, or later FAA approved revisions. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, AML SA00071SE, and FAA approved Rosen Sunvisor Systems Drawing List Number RMY-00DL shall be maintained as part of the permanent records of the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: October 25, 1993

Date reissued: March 24, 2003

Date of issuance: April 8, 1994

Date amended: March 24, 2003, July 7, 2004



By direction of the Administrator

(Signature)

Acting Manager, Seattle Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

**FAA APPROVED MODEL LIST (AML) SA00071SE
FOR
INSTALLATION OF ROSEN SUNVISOR SYSTEMS SUN VISOR**

ISSUE DATE: April 5, 1994

ITEM	AIRPLANE MAKE	AIRPLANE MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED DRAWING LIST		AML AMENDED
					NUMBER	REVISION NO. AND DATE	DATE
1.	Mooney	M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20R, M20S	2A3	CAR3	RMY-00DL	Revision A, 10/4/93	7/7/04
2	Mooney	M-18C, M-18C55, M-18L, M-18LA	A803	CAR3	RMY-00DL	Revision A 10/4/93	7/7/04
3.	Univair (Mooney, Alon, ERCO, Forney)	M10, 415-D, E, G, F-1, F-1A, A-2, A2-A	A787	CAR3	RMY-00DL	Revision A 10/4/93	7/7/04
4.	Univair (Mooney, ERCO)	415-C, 415-CD	A718	CAR3	RMY-00DL	Revision A 10/4/93	7/7/04
5.	Mooney	M22	A6SW	CAR3	RMY-00DL	Revision A 10/4/93	7/7/04

FAA APPROVED:


Acting Manager, Seattle Aircraft
Certification Office

REISSUED: March 24, 2003

AMENDED: March 24, 2003; July 7, 2004



Sunvisor System
For Mooney

Date	Revision	Approved
2/14/22	R	SYS

Drawing List
RMY-00 DL

Doc. # 9050-0114-001

Drawing Number	Replacement for:	Description	Rev
1140000	R1140000	Complete Assembly, Mooney	L
1140001		Mounting Spacer	C
1140101	R1140101	Mounting Block	F
1140102	R1140102	Swivel Block	G
1140103	R1140103	Visor Arm	J
1140201	R1140201	Visor Block	J
1140202	R1140202	Visor Swivel	G
1140301	RMY-200-1 R1140301	Lens	K
1140302	R1140302	Visor Mounting Plate	F
9051-0114-002		Installation Instructions for Mooney	F



Installation Instructions for Mooney

(Kit RMY-300-1)

p/n R1140000

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

Doc: 9051-0114-002

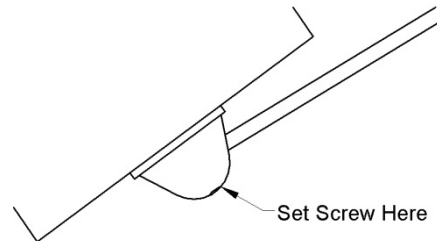
Rev	Date	Approved
F	6/29/16	GH

Please read through these instructions completely before beginning.

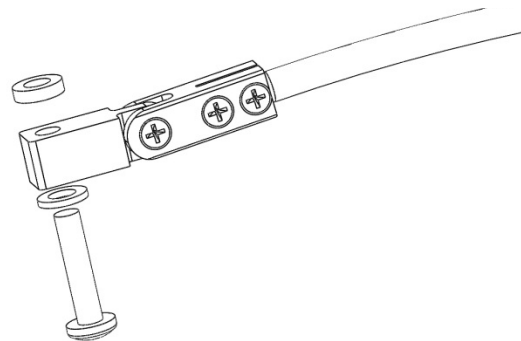
Hardware:

2	1140001	Nylon Spacer
2	AN960-416L	#1/4 Aluminum Washers
2	MS27039-4-18BP	Screw, 1/4-28 X 1-1/8" Pan Head Phillips
1	5/64 Hex Key	
1	7/64 Hex Key	

- Use the 5/64" Hex Key to loosen the socket head set screw in your original visor mounting post. Remove the original sunvisor and then remove the 1/4 - 28 mounting screw by turning counter clockwise. Repeat this procedure for both sides of the aircraft. Use the Hex Key in the visor rod hole to help turn the screw.



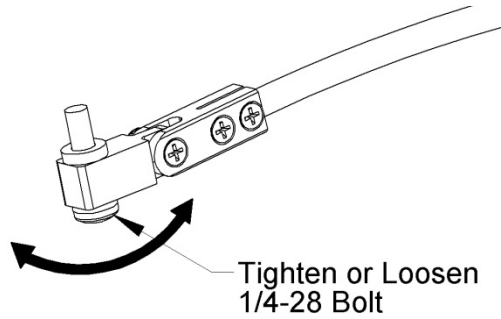
- Take the Rosen Sunvisor marked 'Pilot's Side' and install with a Phillips screwdriver using the appropriate spacer and washer. (See illustration.) The tension on the 1/4-28 bolt controls the motion of travel from front to side usage of the visor.



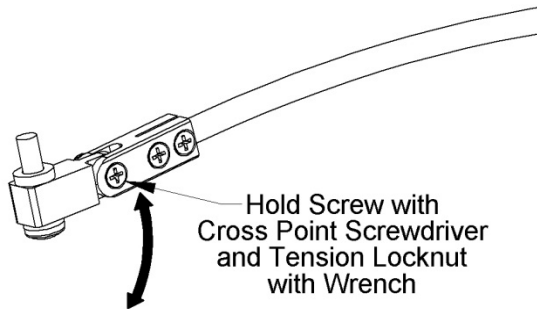
- Repeat procedure for the co-pilot's visor.

To Adjust Visor Tensions:

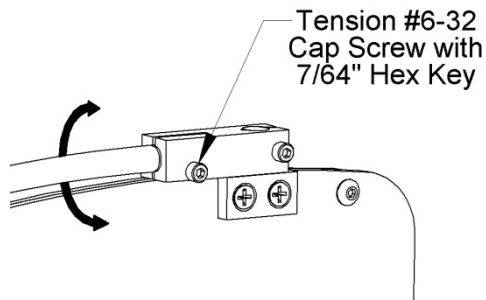
- Front to Side:



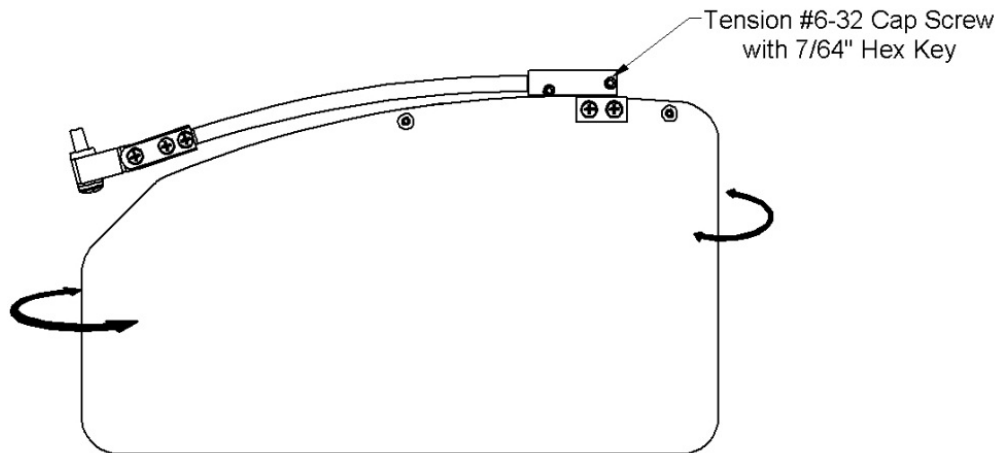
- Up and Down:



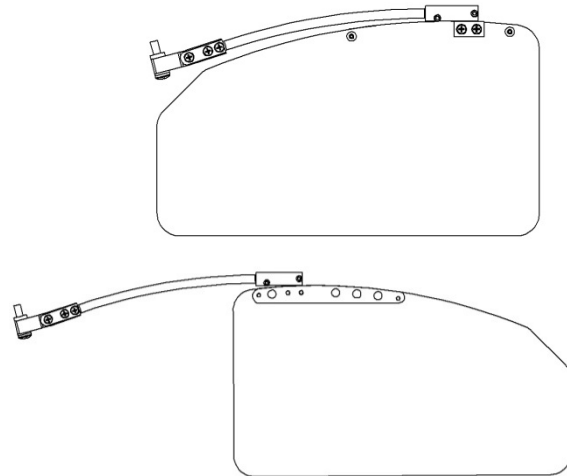
- Rotation about shaft:



- Lens Rotation:



- To lengthen the effective reach, just rotate the visor 180° on its center pivot.



- To complete the installation, add the STC to the aircraft maintenance logbook and complete an installation entry.

Continued Airworthiness Instructions:

- **(On the ground only)**
 - Periodically clean the lenses with a soft cloth and Rosen Plastic Cleaner, Polisher & Protectant, or mild soap and water. 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) 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.