United States of America

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number SA00871SE

This certificate, issued to **Rosen Sunvisor Systems, LLC**
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. SA00871SE for a list of approved aircraft
Model: models and applicable airworthiness regulations.

Description of the Type Design Change: Cockpit sunvisor installation in accordance with Rosen Products LLC Drawing Lists per the attached Federal Aviation Administration (FAA) Approved Model List (AML) No. SA00871SE, dated April 8, 2005, or later FAA approved revision.

Limitations and Conditions: The approval of this change in type design applies to the aircraft models listed on FAA AML No. SA00871SE. 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 interrelationships between this change and any other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate and FAA AML SA00871SE 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: May 9, 2000
Date of issuance: January 25, 2001
Date reissued: March 24, 2003; April 8, 2005
Date amended: March 24, 2003; April 8, 2005

FEDERAL AVIATION ADMINISTRATION

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 FORM 8110-2(10-68)

FAA APPROVED MODEL LIST (AML) SA00871SE
FOR
INSTALLATION OF ROSEN SUNVISOR SYSTEMS COCKPIT SUN VISOR

ISSUE DATE: January 25, 2001

ITEM	AIRPLANE MAKE	AIRPLANE MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED DRAWING LIST		AML AMENDED DATE
					NUMBER	REVISION NO. AND DATE	
1.	Textron (formerly Cessna)	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M, 152, A152	3A19	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22
2.	Textron (formerly Cessna)	170, 170A, 170B	A-799	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22
3.	Textron (formerly Cessna)	172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R	3A12	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22
4.	Textron (formerly Cessna)	172S	3A12	FAR 23	9050-0118-013	Revision T, 2/15/22	6/8/22
5.	Textron (formerly Cessna)	172RG, P172D, R172E (USAF T-41B), (USAF T-41C and D), R172F (USAF T-41D), R172G (USAF T-41C or D), R172H (USAF T-41D), R172J, R172K, 175, 175A, 175B, 175C	3A17	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22
6.	Textron (formerly Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K	5A6	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22
7.	Textron (formerly Cessna)	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182T, R182, T182, TR182, T182T	3A13	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22
8.	Textron (formerly Cessna)	182S	3A13	FAR 23	9050-0118-013	Revision T, 2/15/22	6/8/22

FAA APPROVED MODEL LIST (AML) SA00871SE
FOR
INSTALLATION OF ROSEN SUNVISOR SYSTEMS COCKPIT SUN VISOR

ISSUE DATE: January 25, 2001

ITEM	AIRPLANE MAKE	AIRPLANE MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED DRAWING LIST		AML AMENDED DATE
					NUMBER	REVISION NO. AND DATE	
9.	Textron (formerly Cessna)	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	3A24	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22
10.	Textron (formerly Cessna)	206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, 206H, T206H	A4CE	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22
11.	Textron (formerly Cessna)	207, 207A, T207, T207A	A16CE	FAR 23	9050-0118-013	Revision T, 2/15/22	6/8/22
12.	Textron (formerly Cessna)	210, 210A, 210B, 210C, 210D, 210E, 210F, 210-5 (205), 210-5A (205A), T210F, 210G, 210H, T210H, T210G, 210J, T210J, T210L, 210K, 210L, T210K, 210M, T210M, 210N, P210N, T210N, 210R, P210R, T210R	3A21	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22
13.	Textron (formerly Cessna)	120, 140, 140A	A-768	CAR 4a	9050-0118-013	Revision T, 2/15/22	6/8/22
14.	Textron (formerly Reims)	F150F, F150G, F150H, F150J, F150K, F150L, F150M, F152, FA150K, FA150L, FA150M, FA152, FRA150L, FRA150M	A13EU	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22
15.	Textron (formerly Reims)	F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172D	A4EU	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22

FAA APPROVED MODEL LIST (AML) SA00871SE
FOR
INSTALLATION OF ROSEN SUNVISOR SYSTEMS COCKPIT SUN VISOR

ISSUE DATE: January 25, 2001

ITEM	AIRPLANE MAKE	AIRPLANE MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED DRAWING LIST		AML AMENDED DATE
					NUMBER	REVISION NO. AND DATE	
16.	Textron (formerly Reims)	F182P, F182Q, FR182	A42EU	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22
17.	Textron (formerly Reims)	FR172E, FR172F, FR172G, FR172H, FR172J, FR172K	A18EU	CAR 3	9050-0118-013	Revision T, 2/15/22	6/8/22

FAA APPROVED: _____
For Acting Manager, Seattle Aircraft Certification Office

REISSUED: March 24, 2003; July 5, 2022, February 8, 2023
AMENDED: June 8, 2022

SUPPLEMENTAL TYPE CERTIFICATE

10031251

This Certificate/Approval is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

ROSEN SUNVISOR SYSTEMS L.L.C.

86365 COLLEGE VIEW ROAD
EUGENE OR 97405
UNITED STATES OF AMERICA

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and, if applicable, environmental protection requirements when operated within the conditions and limitations specified below:

Type Certificate Number: SEE FAA APPROVED MODEL LIST (AML) SA00871SE, DATED 8 FEBRUARY 2023.
Type Certificate Holder: See FAA AML
Type: See FAA AML
Model: See FAA AML
Original STC Number: FAA STC SA00871SE

Description of Design Change:
Installation of cockpit sunvisors

EASA Certification Basis:
The Certification Basis for the original product remains applicable to this certificate/approval.
The requirements for environmental protection and the associated certified noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

Associated Technical Documentation:
Rosen Products LLC drawing lists per the attached FAA AML No. SA00187SE, reissued 1 July 2022,

See Continuation Sheet(s)

For the European Union Aviation Safety Agency

Cologne, Germany, 05 April 2023

Marco CAPACCIO
Section Manager
Small Aircraft, Balloons & Airships

Task Number: 10000245 - EASA.IM.A.S.03270
ROSEN SUNVISOR SYSTEMS L.L.C. - 303362

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or later revisions of the above listed document(s) approved/accepted on behalf of EASA in accordance with the Technical Implementation Procedures of EU/ USA Bilateral Agreement.

Limitations/Conditions:

Prior to installation of this change/repair it must be determined that the interrelationship between this change/repair and any other previously installed change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

- End -

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ROSEN® SUNVISOR SYSTEMS

Cessna Singles
NSA Sunvisor System

Date	Rev	Approved
8/17/23	U	SYS

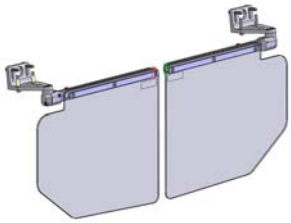
Drawing List
Doc. # 9050-0118-013

120-207 Side Mount	172-207 Center Mount	210	P210	Drawing Number	Description	Rev
Kit RCS-300						
-1	-2	-3	-4			
1				1180001	Complete Assembly	D
	1			1180002	Complete Assembly	C
		1		1180003	Complete Assembly Cessna 210	L
			1	1180004	Complete System	F
2				1180101	Bracket, Mounting	G
	2			1180102	Bracket, Mounting, Cessna 172-207	L
		2		1180103	Bracket, Mounting	K
		2		1180104	Module Mounting Clamp	F
			2	1180105	Mounting Bracket	D
2	2	2	2	1180110	7° Swivel	K
2	2	2	2	1020001	Original Block	P
-	-	-	-	1010000-5	Complete Slide Assembly	F
2	2	2	2	1010001-5	Female Slide - Universal	M
2	2	2	2	1010002-3	Male Slide - Universal	T
2	2	2	2	1010003	Lens Strip	G
2	2	2	2	1180301-001	Lens (RCS-200-1)	F
					Replacement Kit for RCS-300-1	
				1180100-001	Mounting Assembly	C
				1180101	Bracket, Mounting	G
				1180110	7° Swivel	K
				R1180110	**Swivel Kit**	
1	1	1	1	1180110	7° Swivel	K
1	1	1	1		Lube Packet	

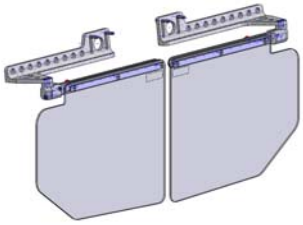
				R1010000-KIT-5	**Universal Slide with Lens Strip Kit**	A
				1010000-5	Complete Slide Assembly	F
				1010003	Lens Strip	G
				MS24693-C48BP	#8-32 X .375 Flat Head Phillips SS Black Patch Screw	
				R1180301-001	**Lens Kit**	F
1	1			9051-0118-012	Cessna Singles (Except 177 & 210) PMM/IPL/ICA	G
		1	1	9051-0118-017	Cessna 210 PMM/IPC/ICA	G

Cessna Singles (except 177, 190/195 & 210) NSA Sunvisor System

Rosen Kit Number R1180001-0 (RCS-300-1)
R1180002-0 (RCS-300-2)



R1180001-0



R1180002-0

Product Maintenance Manual with Illustrated Parts List and Instructions for Continued Airworthiness

Manual Number
Rosen 9051-0118-012
Revision G

February 21, 2018

Rosen Sunvisor Systems LLC
86365 College View Road
Eugene, Oregon 97405 USA
800-284-7677

This ICA must be followed when the R1180001-0 and R1180002-0 Sunvisor systems are installed in accordance with Supplemental Type Certificate (STC) No. SA00871SE, dated January 25, 2001, amended April 8, 2005.

The information contained in this document supplements or supersedes the basic manual only in those areas listed herein. For limitations, procedures, and performance information not contained in this manual, consult the basic aircraft ICA or Maintenance Manual.

STATEMENT OF Rev D CERTIFICATION

This manual complies with Federal Aviation Association (FAA) Airworthiness Requirements Part 23 .

FAA Acceptance: Allison Buss Date: 3/29/18 .

The above certification does not apply to revisions or amendments made after the date of initial certification by other Approved Organizations. Revisions or amendments made by other Approved Organizations must be separately certified and recorded on separate record sheets

Record of Revisions

Rev	Description	Date	Approved
F	Changed to CMM/IPC format. Correct typos	8/15/14	GH
G	Updated, Changed to PMM Format	2/21/18	GH

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Introduction

1. General

a. This Rosen Product Maintenance Manual provides use, maintenance and supplemental airworthiness instructions for the cockpit Sunvisor system used on all Cessna aircraft models listed on FAA Approved Model List (AML) SA00871SE except for the 210 models.
b. Rosen reserves the right to revise this document for changed procedures, improved parts or changes to the system or components.
c. All technical support, spare sales, repairs or modifications are to be directed directly to Rosen Sunvisor Systems LLC. RSS must be contacted for future revision of this document as it is possible this does not contain the latest revisions.

2. Revision Service

Current revision status and revisions to this document may be obtained from Rosen Sunvisor Systems' website: www.rosenvisor.com. We recommend that you periodically check to make sure you are using the most current version.

Rosen Sunvisor Systems PMM / IPC for Sunvisor Assembly
(p/n R1180001-0, R1180002-0)

Product Description

General

The Rosen Sunvisor System consists of two visor assemblies which have been designed to improve pilot comfort during standard cockpit operations. In many cases the visor assemblies are fastened to the airframe in the same mounting positions as the factory installed visors.

Installation Overview

Please read this entire instruction set prior to beginning installation for important information pertaining to your installation.

- For all pre-1980 aircraft including 120, 140, 150, 152, 170, 172, 180, and 182 models ***that do not have threaded mounting provisions on the forward face of the forward bulkhead spar*** use Rosen kit R1180001-0 and proceed to section I, page 6.
- For all pre-1980 aircraft including 170, 172, 180, and 182 ***that have threaded mounting provisions on the forward face of the forward bulkhead spar*** use Rosen kit R1180001-0 and proceed to section IA, page 8.
- For all post 1980 aircraft except 152, 177, and 190/195 use Rosen kit R1180002-0 and proceed to section II page 9.

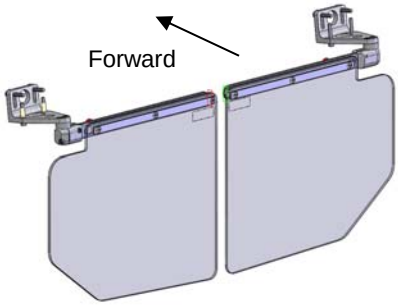


Figure – A **120-207**
R1180001-0(RCS-300-1)
Models prior to 1980 and some early 1960 210s with side or no mounting provisions.

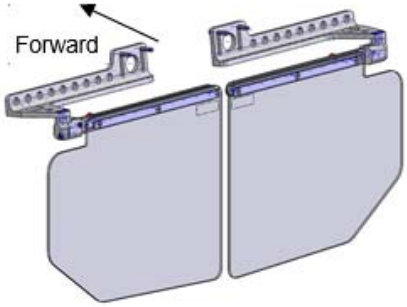


Figure – B **172-207**
R1180002-0(RCS-300-2)
1980 and later models with Centralized mounting provisions.

Section I

Installation of Rosen NSA Sunvisor System
For 120, 140, 150, 152, 170, 172, 180 and 182

Built with no factory installed visor mounting provisions

R1180001-0 (RCS-300-1)

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

Installation should take approximately 1 hour.

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

Tools Required:
Short Phillips screwdriver
9/64 Allen Key
5/32 Allen Key
#8-32 Rivnut Installation Tool

Installation Hardware (included):
Qty: (4) #8-32 x 1 Socket Head Cap Screws
(4) #8 washers
(4) A8K75 Rivnut

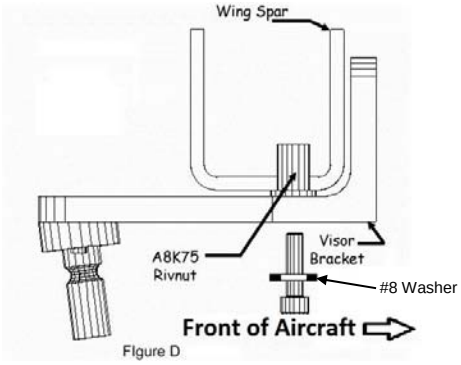
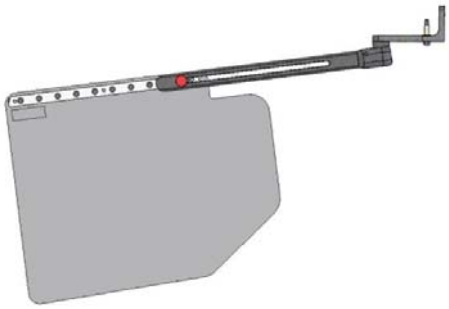
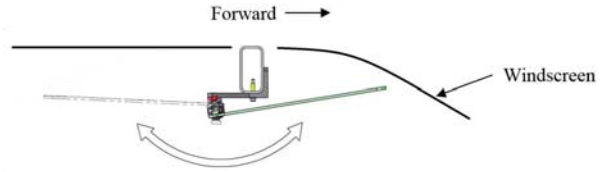


Figure D

- Take the unit marked "pilot's side", position it as shown in Figure D and slide the bracket as far outboard on the front overhead spar as possible.



- Holding the bracket in that same position, rotate the visor to the side and extend it to the rear. This is to ensure that the bracket position is not so far outboard that there is a problem moving the visor to the side position.



- Now move the visor to the front and retracted position (keeping the bracket in the same position.) Rotate the visor as if you were going to position it overhead to the rear and make sure it will not hit the top center console.

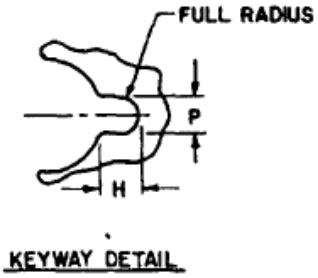
- When the visor is positioned correctly, mark the location for two rivnut holes in the bottom of the bracket.

- Install the A8K75 rivnuts provided.

  NOTE: Proper experience and tools are required for rivnut installation**.**

  If there is upholstery material covering the spar remove a large enough diameter to clear the rivnut face.

  Use a drill stop to avoid drilling more than ¼ inch into the spar. Once the 0.221" diameter hole is drilled add a key notch to the hole to lock the rivnut. P = 0.062 and H=0.057



  Be sure the key on the rivnut aligns with the key notch in the mounting hole.

- After installation of the rivnuts, install the pilot visor assembly with the socket head cap screws and washers provided.

- Repeat this same procedure for the copilot side.

  Note: The red slide tensioning knob should point toward the windshield and should not be visible to the pilot when the visor is in use.

From Outside of Windshield Looking Aft
Old Style Mount (Pre-1980)

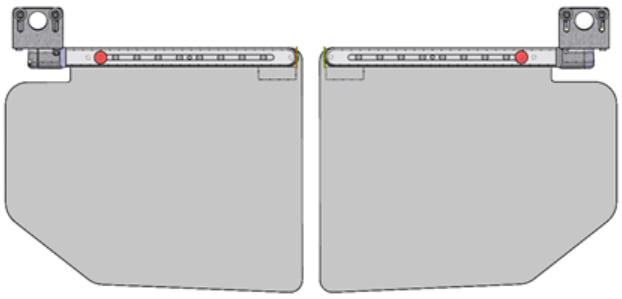


Figure C

- The visors should appear as in Figure C when you look through the front windshield from outside the aircraft.

- Now turn to the **Operating Instructions** in **Section III, Page 11.**

Section IA

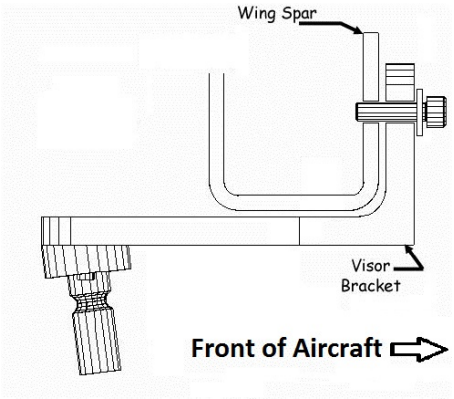
Installation of Rosen NSA Sunvisor System
For 172 – 207 (excluding 177, 190/195)

Manufactured before 1980 with factory installed mounting provisions

R1180001-0 (RCS-300-1)

This is an FAA STC'd installation requiring a log book entry upon completion.
Installation should take approximately 1 hour.
Please read these short instructions **COMPLETELY** before starting.

Tools Required:
Phillips screwdriver.
9/64 Hex Key
5/32 Hex Key



Installation Hardware(included):

Qty: (4) #10-32 x 1 Socket Head Cap Screws (4) #10 washers

- If factory visors are installed use a short Philips screw driver to remove the #10-32 screws securing the visors.

- Take the visor assembly marked "pilot side" and using the #10 socket head cap screws and black anodized washers provided, install the unit so that the bracket fits tight up against the front mounting face of the spar. The same hard mounting points are used as the original visor.

- If installed, remove the original visors retainers from the center mount along with any unnecessary mounting hardware.

- Repeat for the copilot side.

From Outside of Windshield Looking Aft
Old Style Mount (Pre-1980)

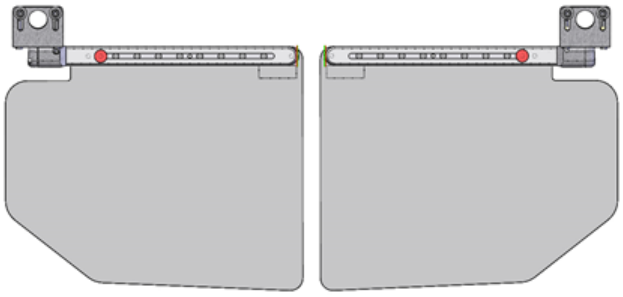


Figure C

- Note: the red slide tensioning knob should point towards the windshield and should not be visible to the pilot when the visor is in use.

- Now turn to the **Operating Instructions** in **Section III, Page 11.**

Section II

For 172 – 207 (excluding 177, 190/195)
1980 and Later Models
Installation of Rosen NSA Sunvisor System
R1180002 (RCS-300-2)

This is an FAA STC'd installation requiring a log book entry upon completion.
Installation should take approximately 1 hour.
Please read these short instructions **COMPLETELY** before starting.

Tools Required:
Short Phillips screwdriver
9/64 Allen Key
5/32 Allen Key

Hardware:
4 #10-32 x 1 Socket Head Cap Screws
4 #10 washers

- The main difference between the R1180002-0 (RCS-300-2) assembly and the R1180001-0 (RCS-300-1) part is the length of the bracket which picks up the Cessna visor mounting holes.
- Use short Phillips screwdriver to remove the #10 fasteners from the center of the plastic type Cessna visor.
- Using the #10 socket head cap screws, washers and 9/64" Allen Key provided, attach the visor assembly marked "pilot side" by inserting the screw through the slots at the end of the bracket.

  Note: Attach the bracket to the windshield side of the forward bulkhead spar, so that the bracket mounting face is not visible from the pilot seat. If attached to the overhead on the seat side, the visor assembly will be too close to the pilot's face.

  The red slide tensioning knob should point toward the windshield and should not be visible to the pilot when the visor is in use.
- Ensure that the bracket fits tight against the overhead.
- Repeat the same procedure for the copilot visor assembly.
- If you look aft through the front windshield from the outside of the aircraft, the visor assembly should appear as it does in Figure E.

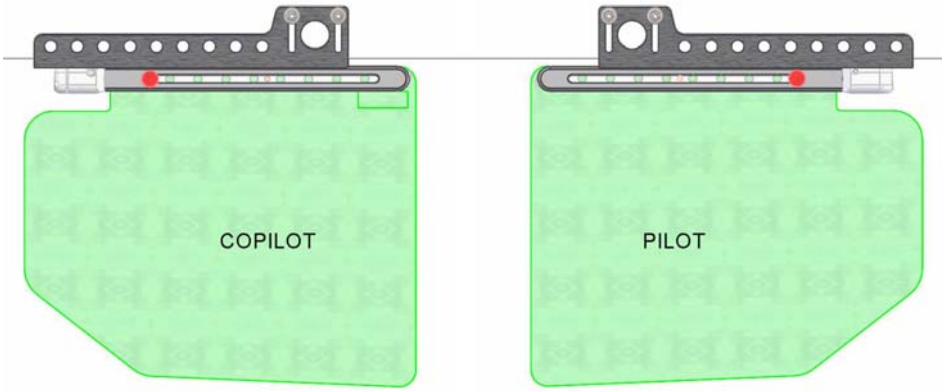


Figure E - post 1980 Center Mount

- Now turn to the **Operating Instructions** in **Section III, Page 11.**

Section III

Operating Instructions

NOTE: The operating instructions are identical for both the R1180001-0 and R1180002-0 systems.

- The Rosen NSA Sunvisor System™ for the Cessna single engine line has two-axis pivot and, although level when placed across the front windshield, it rotates down at about a 7º incline as you rotate it to the side. This incline is to give the Cessna pilot more coverage low on the sides for that late or early morning sun.

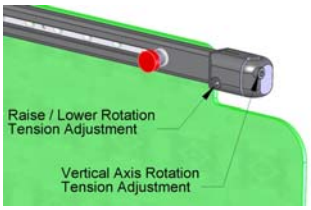


Figure F

- Rotational tension can be adjusted by small adjustments to the socket head cap screws in the side or front of the main swivel block as shown in Figure F.

- When installed correctly, the slide tension knob is located inboard when the visors are rotated to either side window of the aircraft. Tension can be adjusted on the slide to make it easier or more difficult to operate. Once the tension is set the visor can be moved by just gripping the visor material.

- Standard visor placements are shown in Figure G.

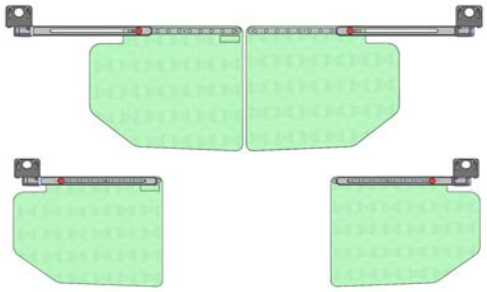


Figure G

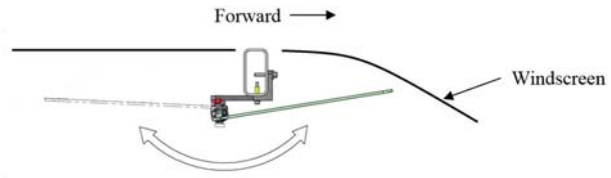


Figure H

Note: In Figure H, rivnut and mounting screw from bottom is only used when no factory fasteners are provided.

In flight the visors can be placed fully forward or aft as shown in Figure H, but for flight-line stowing the visor must be left in the overhead or rearward position.

Note: Do not use your Rosen sunvisors for heat protection when parked on the ramp for extended periods. The visors should be left hanging vertically when not in use.

Fault Isolation

1. General

a. This section identifies Probable Causes and Corrections for possible faults.

Problem	Probable Cause	Corrective Action
Visor does not extend on arm	Tension Thumb knob too tight	Loosen knob and slide using knob
Lens does not rotate smoothly on vertical axis	Vertical pivot tension incorrectly set	Re-tension vertical pivot
Lens does not rotate smoothly on horizontal axis	Horizontal pivot tension incorrectly set	Re-tension horizontal pivot

Removal

a. Reverse installation procedure.

Weight and Balance

Because operators calculate Weight and Balance differently the actual station number must be determined by the installer's calculations.

For weight and balance the following weights are used:

R1180001-0 2.2 Lbs.
R1180002-0 2.8 Lbs.

With the visor located in the stow position (in forward position and folded up) the weight is located at the mount point datum of the visor. When the original visors are removed they must be weighed and removed from the calculation.

Repair

General

a. All components that do not meet the requirements for continued use must be replaced.

Instructions for Continued Airworthiness

- (**On the ground only)**
    - Periodically clean the lenses with a soft cloth, mild soap and water or Rosen Cleaner. Do not use abrasives on the lens.
    - Periodically adjust the pivot tensions on the visor assemblies.
    - Periodically clean and lightly re-lubricate slide.

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.

Section V

Illustrations and IPC for R1180001-0

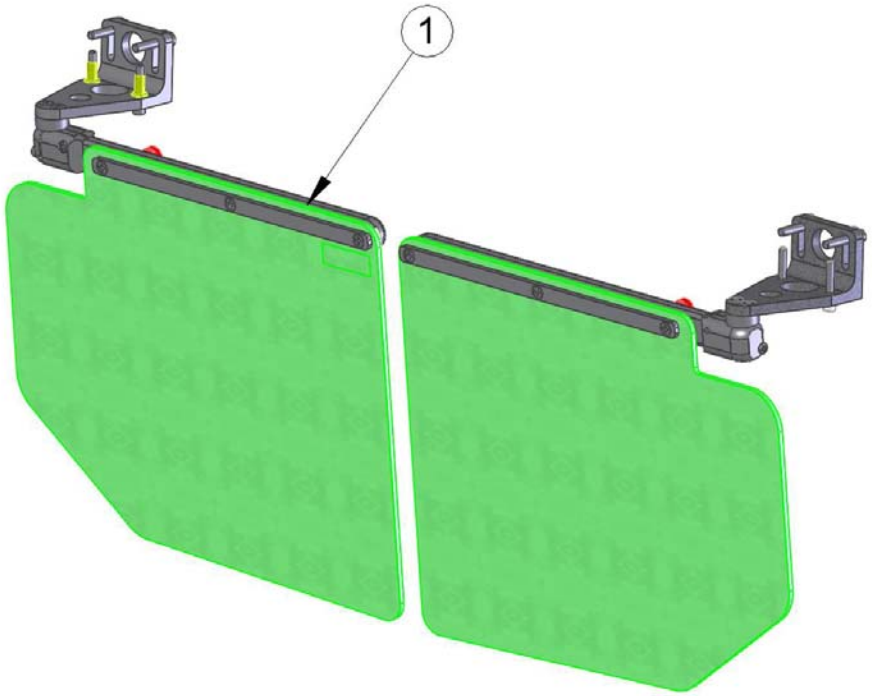


Fig 1

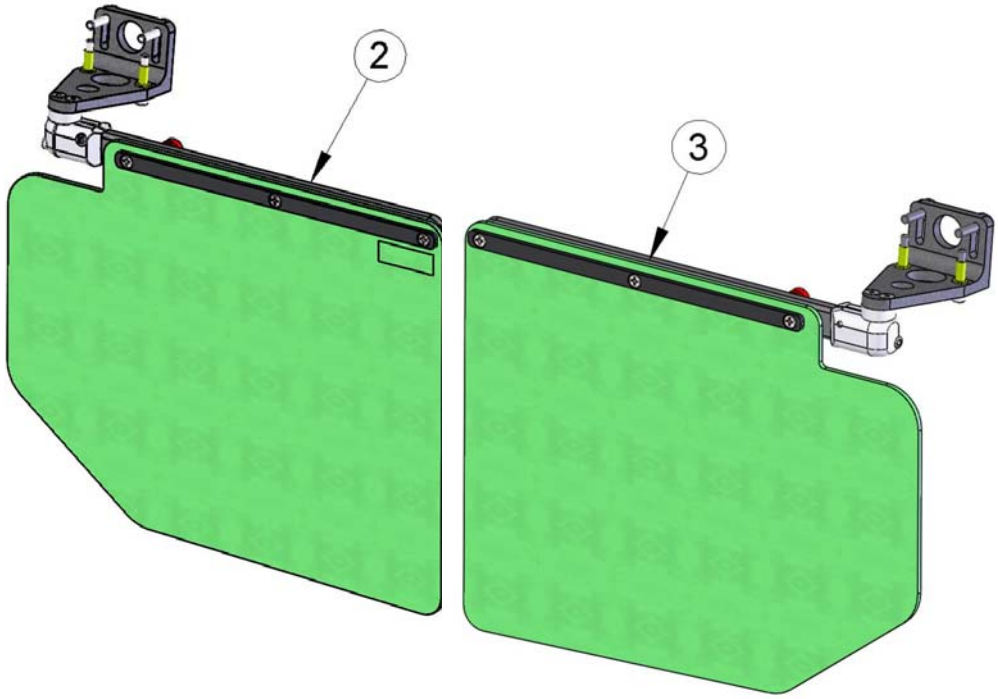


Fig 2

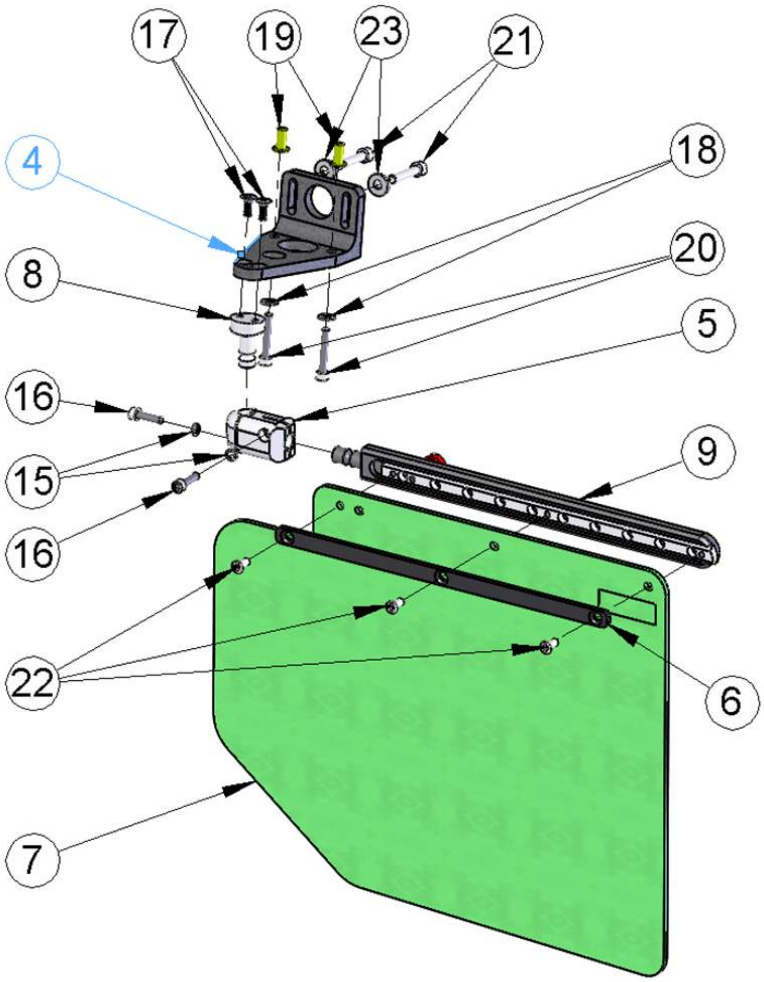


Fig 3

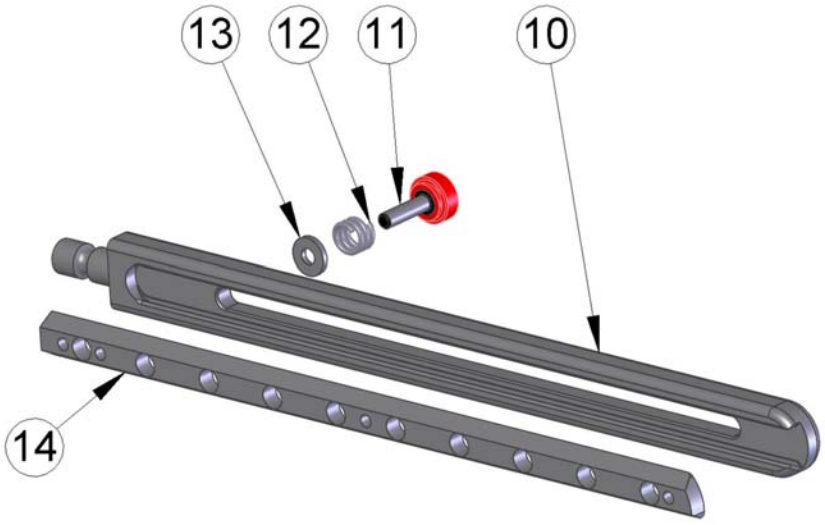


Fig 4

Rosen Sunvisor Systems PMM / IPC for Sunvisor Assembly (p/n R1180001-0, R1180002-0)

Part List R1180001-0

Fig. No	Fig. Item	Part Number	Description	Reference	Eff	QTY
1	1	R1180001-0	Complete System	RCS-300-1		System
2	2	R1180001-1	Pilot Side Assembly	RCS-300-1P		1
2	3	R1180001-2	Copilot Side Assembly	RCS-300-1C		1
3	4	1180101	Bracket, Mounting			2
3	5	1020001	Block, Original			2
3	6	1010003	Lens Strip			2
3	7	1180301-001	Lens	RCS-200-1		2
3	8	1180110	Cessna Swivel			2
3	9	1010000-5	Slide Assembly-Universal			2
4	10	1010001-005	Female slide, Universal			2
4	11	99-701	½ diameter Knurled Red Knob #8-32 X .50			2
4	12	B19679	Compression Spring (Red Knob)			2
4	13	90295A110	Washer Nylon .06 X .405 OD X .175 ID			2
4	14	1010002-3	Male Slide, Universal			2
3	15	8HCLW	Washer #8 Lock High Collar STL Blk			4
3	16	MS16995-27B	SCR #8-32 X .625 Hex SHCS SST Blk			4
3	17	832X716FSHCS SBP	SCR #8-32 X .437 FLH HX SH 82 SST Blk P			4
3	18	AN960-C8L	Washer #8			4
3	19	A8K75	#8-32 Rivnut Grip .010-.075			4
3	20	MS16995-30B	SCR #8-32 X 1.00 HX SHCS SST Blk			4
3	21	MS16996-14B	SCR #10-32 X 1.00 HX SHCS SST Blk			4
3	22	MS24693C48BP	SCR #8-32 X .375 FLH Phil 100 SST Blk P			6
3	23	AS-10	Washer Flat .500 X .200 X .062			4

Illustrations and IPC for R1180002-0

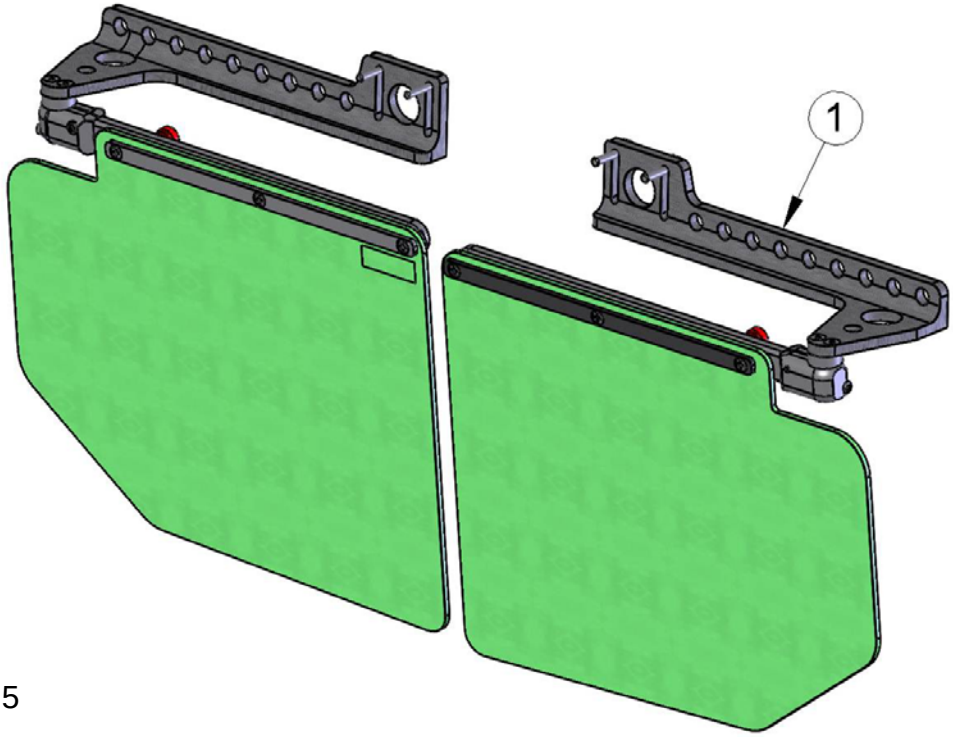


Fig 5

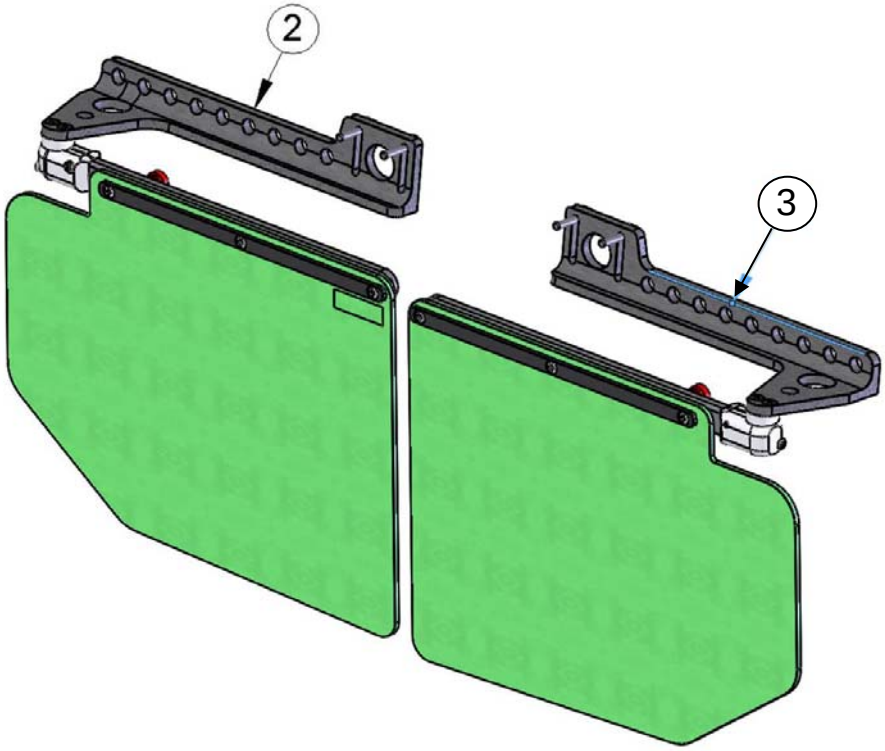


Fig 6

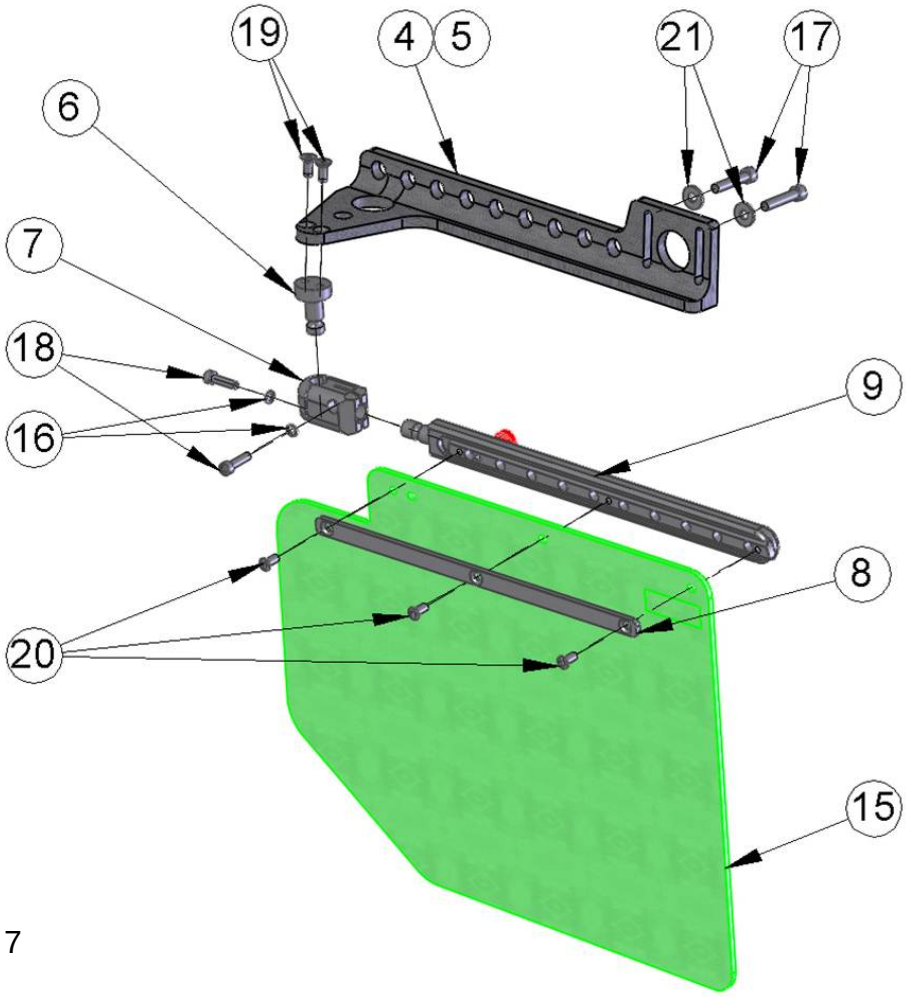


Fig 7

Part List R1180002-0

Fig. No	Fig. Item	Part Number	Description	Reference	Eff	QTY
5	1	1180002-0	Complete System	RCS-300-2		System
6	2	1180002-1	Complete Assembly, Pilot	RCS-300-2P		1
6	3	1180002-2	Complete Assembly, Copilot	RCS-300-2C		1
7	4	1180102-001	Mounting Bracket, Pilot			1
7	5	1180102-002	Mounting Bracket, Copilot			1
7	6	1180110	Cessna Swivel			2
7	7	1020001	Block Original			2
7	8	1010003	Lens Strip			2
7	9	1010000-5	Slide Assembly, Universal			2
4	10	1010001-005	Female slide, Universal			2
4	11	99-701	½ diameter Knurled Red Knob #8-32 x .50			2
4	12	B19679	Compression Spring (Red Knob)			2
4	13	90295A110	Nylon Washer .06 X .405 OD X .175 ID			2
4	14	1010002-3	Male Slide, Universal			2
7	15	1180301-001	Lens	RCS-200-1		2
7	16	8HCLW	Washer #8 Lock High Collar STL Blk			4
7	17	MS16996-14B	SCR #10-32 X 1.00 Hex SHCS SST Blk			4
7	18	MS16995-27B	SCR #8-32 X .625 HEX SHCS SST Blk			4
7	19	832X716FSHCSSBP	SCR #8-32 X .437 FLH HX SH 82 SST Blk P			4
7	20	MS24693-C48BP	SCR #8-32 X .375 FLH Phil 100 SST Blk P			6
7	21	AS-10	Washer Flat .500 X .200 X .062			4