

Supplemental Type Certificate

Number SA5137NM

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 therefore 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. SA5137NM for a list of approved airplane.

Model:

models and applicable airworthiness regulations

Description of the Type Design Change: Installation of sun visor in accordance with ROSEN Product Development, Inc. Drawing List No. RCS-300 / 400-00 DL, Revision B, dated February 14, 2005, or later FAA-approved revisions.

Limitations and Conditions: Approval of this change in type design applies to the above aircraft model only and 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 of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and FAA Approved Model List (AML) No. SA5137NM, dated February 22, 2005, or later FAA approved revision, must be maintained as part of the permanent records for 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: December 17, 1990

Date reissued: February 22, 2005

Date of issuance: May 2, 1991

Date amended: September 5, 2002; June 26, 2003;
February 22, 2005

By direction of the Administrator



Dore M Anderson
(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) SA5137SE

FOR

INSTALLATION OF ROSEN SUNVISOR SYSTEMS COCKPIT SUN VISOR


ISSUE DATE: May 2, 1991

ITEM	AIRPLANE MAKE	AIRPLANE MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED DRAWING LIST		AML AMENDED DATE
					NUMBER	REVISION NO. AND DATE	

**FAA APPROVED MODEL LIST (AML) SA5137SE
FOR
INSTALLATION OF ROSEN SUNVISOR SYSTEMS COCKPIT SUN VISOR**

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.	Cessna	T303	A34CE	14 CFR part 23	RCS-300/400-00 DL	B 02/14/05	2/22/05
2.	Cessna	310, 310A, 310B, 310C, 310D, 310E, 310F, 310G, 310H, E310H, 310I, 310J, 310J-1, E310J, 310K, 310L, 310N, 310P, T310P, 310Q, T310Q, 310R, T310R	3A10	CAR 3	RCS-300/400-00 DL	B 02/14/05	2/22/05
3.	Cessna	320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 335, 340, 340A	3A25	CAR 3	RCS-300/400-00 DL	B 02/14/05	2/22/05
4.	Cessna	336	A2CE	CAR 3	RCS-300/400-00 DL	B 02/14/05	2/22/05
5.	Cessna	401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425	A7CE	CAR 3	RCS-300/400-00 DL	B 02/14/05	2/22/05
6.	Cessna	404, 406	A25CE	14 CFR part 23	RCS-300/400-00 DL	B 02/14/05	2/22/05
7.	Cessna	441	A28CE	14 CFR part 23	RCS-300/400-00 DL	B 02/14/05	2/22/05

ISSUE DATE: May 2, 1991

FAA APPROVED: 
Acting Manager, Seattle Aircraft Certification Office

REISSUED: February 22, 2005
AMENDED: September 22, 2003; March 22, 2003; February 22, 2005



U.S. Department
of Transportation
**Federal Aviation
Administration**

**Transport Airplane Directorate
Aircraft Certification Service**

1601 Lind Avenue S.W.
Renton, Washington 98055-4056

FEB 22 2005

In Reply
Refer To: 150S-05-83

Mr. Gary Hanson
Rosen Sunvisor Systems, LLC
86365 College View Road
Eugene, Oregon 97405

Dear Mr. Hanson:

This letter is provided in response to your letter, dated January 24, 2005, requesting an update to Supplemental Type Certificate (STC) SA5137NM. The reason for the update is to change the document format for the Drawing List (DL) RCS-300/400-00 DL Revision B, dated February 14, 2005, and to update the component, assembly and installation documents. Also, the Approved Model List (AML) for STC SA5137NM Item 7 was found to have a minor typographical error. The AML referenced the Model '401' in Item 7 instead of '411.' The STC and AML have since been revised to add the new DL and correct the model error and are enclosed with this letter.

Sincerely,

A handwritten signature in cursive script that reads "Dorr M. Anderson".

Dorr M. Anderson
Manager, Cabin Safety and
Environmental Systems Branch
Seattle Aircraft Certification Office

Enclosure



Cessna 300 and 400 Series
Aircraft

Date	Revision	Aprv
2/14/2004	B	GH

Drawing List
RCS-300/400-00 DL

Drawing #'s	Description	Rev. Level
A34CE (Cessna T303)	Sales reference: (RC303-300-1)	
R1182100-0	Assembly, Complete, Cessna T303	A
1180302-1,-2	Lens Pilot, co-Pilot	A
1182101	Back Plate	A
1182102-1, -2	Mounting Bracket, Pilot, Co-Pilot	A
1010000-5	Complete Slide Assembly	D
1010001-5	Female Slide	E
1010002-3	Male Slide	H
R1010003	Lens Strip	B
1020100-001	NSA Modified Block Assembly	D
1020002-001	Modified 'A' Block	H
1020003-001	Modified 'B' Block	H
1160102-1	Bonanza Baron Swivel	F
9050-0118-014	Installation Instructions for Cessna 303 Sunvisor System	B

Continued . .



3A10, A2CE, A7CE, A25CE, A28CE (Cessna 310-400 Series Aircraft	Sales Reference: (RC300/400-300-1)	
R1180000-6	Complete Assembly 310 & 340	C
1180400-011	Assembly, Side, Pilot's	D
1180400-012	Assembly, Side, Co-Pilot's	D
1180100-010	Mounting Assembly	C
1180109	Mounting Bracket	G
1160102-1	Bonanza Style Swivel	F
1020100-001	NSA Modified Block Assembly	D
1020002-001	Modified 'A' Block	H
1020003-001	Modified 'B' Block	H
1010000-5	Complete Slide Assembly	D
1010001-5	Female Slide	E
1010002-3	Male Slide	H
R1010003	Lens Strip	B
1180301-002	Lens	C
9050-0118-015	Installation Instructions for Cessna 310-400 Series Sunvisor System	B

Continued . .



3A25 (Cessna 320 Series)	Sales Reference: (RC320-300-1)	
R1182200	Assembly, Complete, Cessna 320	A
1182201	Swivel Stud	A
1182202	Angle Washer	A
1020100-001	NSA Modified Block Assembly	D
1020002-001	Modified 'A' Block	H
1020003-001	Modified 'B' Block	H
1010000-5	Complete Slide Assembly	D
1010001-5	Female Slide	E
1010002-3	Male Slide	H
R1010003	Lens Strip	B
1160401-002	Lens	D
9050-0118-016	Installation Instructions for Cessna 320 Series Sunvisor System	B

Continued . . .



A7CE (Cessna 414A and 421B only)	Sales Reference: (R1181300-0)	
R1181300	Complete Assembly (414A, 421B)	B
1181201	421B Swivel	A
1020100-001	NSA Modified Block Assembly	D
1020002-001	Modified 'A' Block	H
1020003-001	Modified 'B' Block	H
1010000-5	Complete Slide Assembly	D
1010001-5	Female Slide	E
1010002-3	Male Slide	H
R1010003	Lens Strip	B
1160401-002	Lens	D
9050-0118-022	Installation Instructions for Cessna 414A, 421B Series Sunvisor System	B



Installation Instructions for Cessna 310 . . 400 Series Aircraft Sunvisor System (Kit RC300/400-300-1)

This is an FAA STC installation and requires an Aircraft Maintenance log entry.

Doc: 9050-0118-015

Rev	Date	Approved
B	3/22/2004	GH

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

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

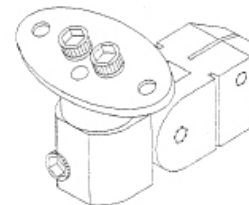
Installation Hardware (included)

- Qty: (4) #10-32 Flat Head Screw
(1) 5/32 Allen Key for #10-32 Cap Screw
(1) 9/64 Allen Key

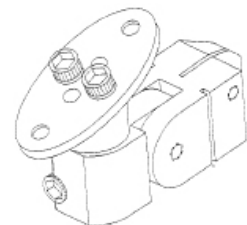


NOTE: On Cessna 310's this system will only fit applications that have the original ball joint style equipment shown above.

- Using a Philips screwdriver remove (2) stock ball mount visors.
- If your mounting holes are positioned for and aft in relation ship to the centerline of your aircraft you swivel should look like this when viewed from behind:

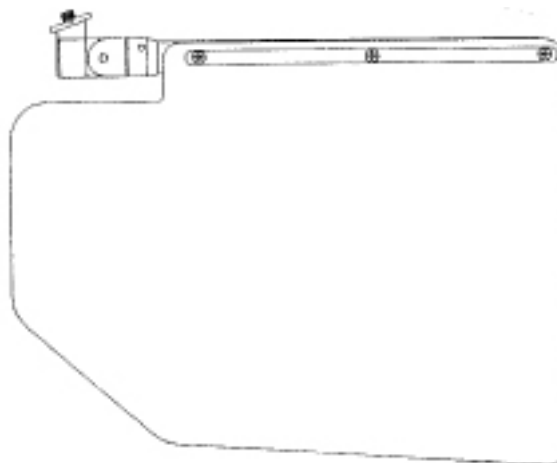


- If your mounting holes are positioned perpendicular to the centerline of your aircraft you swivel should look like this when viewed from behind:



- If necessary reconfigure swivel mount bracket as indicated.

- This image is the pilot's side of a longitudinal configuration.



- Attach your new Rosen Sunvisors using the #10-32 Flat Head Screws provided. Note that the Red Thumb Screw knob should be forward, away from the operator.
- Repeat for the other side.
- Place the FAA STC and AML (if appropriate) in the Aircraft Maintenance Log and make an installation entry.
- Installation is now complete.

Use and care instructions:

- Visors will stow in different positions but generally the system will stow overhead when in the forward position.

For continued airworthiness: (Ground operations only)

- Periodically clean the visor with a soft non-abrasive cloth and mild soap or aviation grade windscreen cleaner.
- Hex Keys are provided to periodically adjust the tension on all the pivot points so that they move freely but not loosely.
- Every movement of your new Rosen Sunvisor is tension-able, so you can adjust it to your preference before flight.