United States of America

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number **SA2383NM**

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 25 *of the* Federal Aviation *Regulations.*
(See Type Certificate Data Sheet A9NM for complete certification basis.)

Original Product—Type Certificate Number: A9NM
Make: Cessna
Model: 650

Description of the Type Design Change: Cockpit Sun Visor installation in accordance with FAA approved Rosen Drawing List No. R650-00DL, dated April 6, 1984, or later FAA approved revision.

Limitations and Conditions: The approval of this change in type design applies basically to the above model aircraft only. This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of the aircraft. A copy of this Certificate and FAA approved Drawing List Number R650-00DL 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: March 20, 1984
Date of issuance: May 7, 1984
Date reissued: March 24, 2003
Date amended: March 24, 2003

FEDERAL AVIATION ADMINISTRATION

By direction of the Administrator

(Signature)

for 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)

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

**Transport Airplane Directorate
Aircraft Certification Service**

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

In Reply
Refer To: 190S-03-200

Rosen Sunvisor Systems
86365 College View Road
Eugene, OR 97405

Gentlemen:

Per the transfer endorsements on the following Supplemental Type Certificates (STC), we have reissued these documents in your new name and address with a reissue date of March 24, 2003.

SA1637NM	SA3067NM	SA3650NM	SA4147NM	SR00014SE
SA2128NM	SA3068NM	SA3681NM	SA4148NM	
SA2151NM	SA3301NM	SA3687NM	SA4381NM	
SA2367NM	SA3302NM	SA3688NM	SA4391NM	
SA2383NM	SA3304NM	SA3689NM	SA4960NM	
SA2614NM	SA3305NM	SA3690NM	SA4962NM	
SA2650NM	SA3306NM	SA3691NM	SA4963NM	
SA2652NM	SA3335NM	SA3692NM	SA5136NM	
SA2672NM	SA3336NM	SA3693NM	SA5934NM	
SA2678NM	SA3342NM	SA3694NM	SH2695NM	
SA2917NM	SA3529NM	SA3695NM	SH3533NM	
SA2942NM	SA3597NM	SA3696NM	SH3817NM	
SA3066NM	SA3598NM	SA3850NM	SA00682SE	

As recipient of this approval, please review your responsibilities under the requirements of Federal Aviation Regulation (FAR) 21.3, regarding the reporting of any failure, malfunction, or defect in any article manufactured under this STC. You are required to report such occurrences except as provided in FAR 21.3(d), to the Manager, Seattle Aircraft Certification Office, at 1601 Lind Ave. SW, Renton, WA 98055-4056. The report should be communicated initially by telephone to the Manager, (425) 917-6400, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Manager, Seattle Aircraft Certification Office, ANM-100S, at the above address is required. Federal Aviation Administration (FAA) Form 8010-4 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details.

If you plan to manufacture replacement or modification parts for sale in conformance with approved data listed on the STC, you are required to comply with FAR 21.303. A Parts Manufacturer Approval (PMA) may be issued under the provisions of FAR 21.303(d) when you submit a statement certifying you have established the fabrication inspection system as required by FAR 21.303(h). The identification requirements for parts produced under a PMA are in FAR 45.15. Your statement should be in letter form, with reference to the STC number, and should be addressed to the Federal Aviation Administration, Northwest Mountain Region, Attention: Manager, Seattle Manufacturing Inspection District Office, 2500 E. Valley Road, Suite C-2, Renton, WA 98055-4056.

You, as the STC holder, are responsible for any design changes necessary to correct unsafe conditions as well as for submitting those design changes for approval. This requirement is contained in FAR 21.99.

By acceptance of this certificate, you acknowledge that you have read and understand your responsibilities as an STC holder and are in effect certifying that you have received and hold all the available data from the previous holder.

Sincerely,

for Jeffrey E. Duven
Acting Manager, Seattle Aircraft
Certification Office

Enclosures

Transport Canada Transports Canada

Department of Transport

Supplemental Type Certificate

This approval is issued to:

Rosen Sunvisor System LLC
86365 College View Road
Eugene, Oregon
United States of America 97405

Number: SA90-100
Issue No.: 2
Approval Date: July 17, 1990
Issue Date: August 11, 2003

Responsible Office: Ontario

Aircraft/Engine Type or Model: CESSNA 650

Canadian Type Certificate or Equivalent: A-140

Description of Type Design Change: Installation of Cockpit Sun Visor In Accordance With Supplemental Type Certificate No. SA2383NM

Installation / Operating Data, Required Equipment and Limitations:

This installation must be performed in accordance with Rosen Drawing List Number R650-00DL, dated April 6, 1984, or later FAA approved revisions.

Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated will not adversely affect the airworthiness of the modified product.

T.E. Gretton
Senior Engineer, Aircraft Certification
For Minister of Transport

Canada

Cessna Citation 650
Monorail System

Date	Revision	Aprv
2/18/25	L	SYS

Drawing List
R650-00 DL **Doc. # 9040-0181-001**

Drawing	Replaces	Description	Rev.
1810000-3	R650-300-1	**Citation III System**	D
1811100	R650-100-1	**Rail Assembly**	D
1811101	R650-100-1	Rail	B
1260104	R650-100-4	Front Bracket	C
1260105	R650-100-5	End Bracket	C
1811102-1	R650-100-15L	Side Bracket - Left	B
1811102-2	R650-100-15R	Side Bracket - Right	B
1350400	R650-300-3 R1350400	**Visor Assembly**	P
1350401	R1350401 R650-200-1	Lens	K
1110202		Swivel Nut Plate	E
1120000-001	R1120000-001 RCBS-100	Complete Assembly Clamping Block	K
1120101-001	RCBS-100-7A R1120101-001	Nut Plate, Standard	L
1120203	RCBS-300-8 R1120203	Swivel, Clamping Block	P
1120102-001	RCBS-100-8AB R1120102-001	Clamping Block Body	L
1120104		Thumb Knob – Standard	M
	KITS		
RCBS-300-11M		**Kit, Standard Thumb Knob**	D
1120104-002		Thumb Knob	M
RCBS-300-18		Spring	
PCS-1000-14-STZ		E-Clip	
RCBS-100		**Clamping Block Assembly**	E
1120000-001		Clamping Block	K
1110202		Swivel Nut Plate	E
R1350401		**Lens**	K
9041-0181-001		Installation Instructions for Citation III	B

Installation Instructions for Cessna Citation III
Monorail Sunvisor System R1810000-3 (Kit R650-300-1)

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

Doc: 9041-0181-001

Rev	Date	Approved
B	3/8/2007	GH

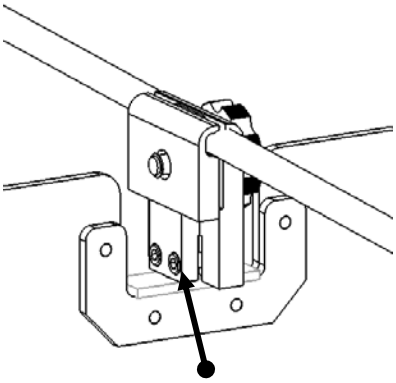
Please read through these instructions completely before beginning.

Hardware:

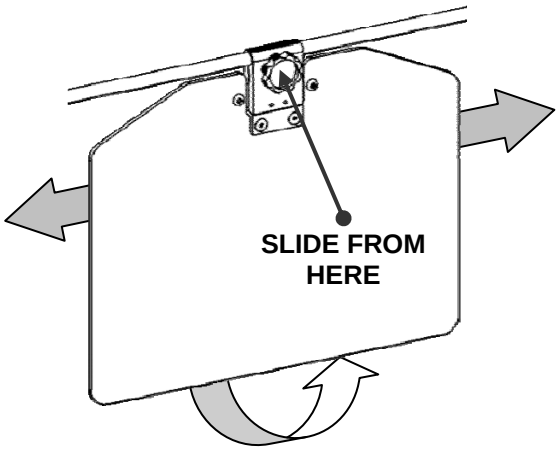
1 3/32 Hex Key
1 7/64 Hex Key
4 A10K80 Rivnuts
8 PS10F12CPG02NA
Retaining Clips (E-clips)

- Remove present sun visors from pilot and copilot sides of the aircraft.
- Remove visors from Rosen monorail by loosening thumb knobs (retaining clips have been left off for this purpose).
- Locate the Rosen monorail by installing (2) two PS10F12CPG02NA screws through the side brackets on both sides of the aircraft. The side brackets pick up the existing hard points for the original visor. As the fasteners are tightened, any mismatch between the bracket and side wall will disappear.
- With the monorail firmly in place, make a mark centered in the aft bracket and 1" above the window trim. This mark is for locating the A10K80 rivnut. Repeat the same procedure for the opposite side of the aircraft.
- The front bracket should be flush with the center post trim. To insure this, place an upward pressure on the bracket and mark the center of each slot. These marks are to locate the two front A10K80 rivnuts.
- Remove the monorail and install (4) four A10K80 rivnuts as marked (two in front and one on each side of the cockpit). Rivnuts should be installed in the Royalite trim. No holes are to be drilled into the aircraft structure.
- Reinstall the monorail using (8) eight PS10F12CPG02NA screws as provided.
- Remount visors on the monorail and install the retaining clips ("E" clips) on the aft portion of the thumb tension knob. This will insure that the pilots do not inadvertently over-loosen the visor clamping blocks.
- To move the visors, the thumb tension knob needs to be turned in a counter-clockwise direction. Grasping the thumb tension knob, slide the visor smoothly along the monorail. To move beyond the mounting clips, the visor must be turned so that the slot in the clamping blocks can move past the monorail brackets. The mid brackets were designed so that the sliding visor would not be directly in front of the pilot's or copilot's face.

- Your monorail system is equipped with the new swivel modification so that the visor can be rotated in the vertical axis. Rotational tension can be adjusted simply by turning the socket head cap screws in the back of the clamping block assembly. Prior to moving along the track the visor should be returned to the straight fore and aft position.



ROTATIONAL TENSION ADJUSTMENT



ROTATE UP TO STOW

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 sections 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 requires 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.