

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA01838SE

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 23 of the Federal Aviation Regulations.

Original Product—Type Certificate Number:

See attached FAA Approved Model List (AML), Document No. SA01838SE issued April 30, 2008 or later FAA approved amendments for the list of approved airplane models, applicable installation data requirements and specific limitations.

Make:

Model:

Description of the Type Design Change:

Installation of sunvisor assembly part number 1381000 in accordance with Rosen Sunvisor Systems, LLC Master Drawing List (MDL) referenced on the attached AML, or later FAA-approved amendments.

Limitations and Conditions:

Approval of this change in type design applies to the aircraft models listed on the attached AML. This approval should not be extended to other aircraft of these models 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, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate and Rosen Sunvisor Systems, LLC FAA approved MDL 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: September 14, 2007

Date reissued:

Date of issuance: May 12, 2008

Date amended: May 8, 2013



By direction of the Administrator

A handwritten signature in blue ink that reads "Todd Dixon".

Todd Dixon (Signature)
Northwest Mountain Regional Manager
Denver Aircraft Certification Office

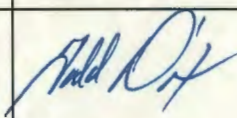
(Title)

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

United States of America
 Department of Transportation - Federal Aviation Administration
 Approved Model List (AML)

FOR
SUNVISOR ASSEMBLY PART NUMBER 1381000
ROSEN SUNVISOR SYSTEMS, LLC
STC SA01838SE

1. AML Revision Log

Date	Pages	Description	FAA Approval
May 12, 2008	ALL	Initial Release	(signature illegible) for Philip L. Forde Acting Manager, Seattle Aircraft Certification Office
September 22, 2008	ALL	1. Corrected title (WAS) INSTALLATION OF A OREGON AERO SEAT 2. MDL for aircraft models LC40-550FG, LC42-550FG, LC41-550FG (WAS) Revision B, dated April 3, 2008	Donald Eiford for Jeffrey E. Duven Manager, Seattle Aircraft Certification Office
May 8, 2013	ALL	1. Added new sections: AML Revision Log, Introduction and Certification Basis. 2. Reformatted section 4 AML 3. Corrected MDL Number (WAS) 1381000-00DL 4. Added Aircraft Model T240	 Todd Dixon Manager, Denver Aircraft Certification Office

2. Introduction

This document is the FAA Approved Model List for STC No. SA01838SE for installing the 1381000 Sunvisor Assembly into eligible aircraft.

Revisions to the AML must be coordinated between the STC holder and the responsible ACO, and require FAA approval.

3. Certification Basis

Aircraft Make	Aircraft Model	Type Data Sheet	Certification Basis
Cessna (previously COLUMBIA or LANCAIR)	LC40-550FG LC42-550FG LC41-550FG T240	A00003SE	14 CFR Part 23 as amended through 23-46 except for 14 CFR 23.607 and 14 CFR 23.611 as amended through 23-48.

United States of America
 Department of Transportation - Federal Aviation Administration
 Approved Model List (AML)
FOR
SUNVISOR ASSEMBLY PART NUMBER 1381000
ROSEN SUNVISOR SYSTEMS, LLC
STC SA01838SE

4. Approved Model List

Aircraft Make	Aircraft Model	Type Data Sheet	Required Approved Data and Added Model Specific Limitations	AML Amendment Date
Cessna (previously COLUMBIA or LANCAIR)	LC40-550FG LC42-550FG LC41-550FG	A00003SE	<p>Master Drawing List: 1381000-DL, Revision C, dated September 11, 2008 or later FAA approved revision</p> <p>Installation Instructions: Included in Master Drawing List</p> <p>Instructions for Continued Airworthiness: Included in Master Drawing List</p> <p>Additional Limitations: None</p>	09/22/2008 05/08/2013
Cessna	T240	A00003SE	<p>Master Drawing List: 1381000-DL, Revision F, dated March 22, 2013 or later FAA approved revision</p> <p>Installation Instructions: Included in Master Drawing List</p> <p>Instructions for Continued Airworthiness: Included in Master Drawing List</p> <p>Additional Limitations: None</p>	05/08/2013



CERTIFICADO SUPLEMENTAR DE TIPO
(SupplementalTypeCertificate)

NÚMERO **2014S04-22**
(Number)

Este certificado, emitido com base na Lei nº 7565 “Código Brasileiro de Aeronáutica”, de 19 de dezembro de 1986,
(This certificate, issued in the basis of the Law No. 7565 “Código Brasileiro de Aeronáutica”, dated 19 December 1986,

é conferido ao (à): Rosen Sunvisor Systems, LLC
(is granted to:) 86365 College View Road
Eugene, OR 97405
USA

Por ter a modificação ao projeto de tipo do produto abaixo citado, observadas as limitações e condições
(for having the change to the type design of the product mentioned below, with the limitations and conditions therefor as)
especificadas, satisfeito aos requisitos de aeronavegabilidade aplicáveis.
(specified hereon, met the applicable airworthiness requirements.)

Produto Original - Número do Certificado de Tipo: 2007T01 (ANAC).
(Original Product - Type Certificate No:)

Fabricante: Cessna Aircraft Company.
(Manufacturer:)

Modelo(s): LC41-550FG, LC42-550FG and T240.
(Model(s):)

DESCRIÇÃO DA MODIFICAÇÃO AO PROJETO DE TIPO:
(Description of Type Design Change:)

Installation of sunvisor assembly P/N 1381000 in accordance with Rosen Sunvisor Systems, LLC Master Drawing List (MDL) No. 1381000-DL, Rev. F, dated 22 Mar. 2013 or later approved revision.

This CST validates in Brazil the STC # SA01838SE, issued by FAA (USA).

LIMITAÇÕES E CONDIÇÕES:
(Limitations and Conditions:)

See continuation sheet for applicable data.

DATAS:
(Dates of:)

Do Requerimento: 08 Feb. 2014
(Application:)

Da emissão: 25 Apr. 2014
(Issuance:)

Da reemissão:
(Reissuance:)

Da emenda:
(Amendment:)

HÉLIO TARQUÍNIO JÚNIOR
Gerente-Geral, Certificação de Produto Aeronáutico
(General Manager, Aeronautical Product Certification)

DINO ISHIKURA
Superintendente de Aeronavegabilidade
(Airworthiness Superintendent)



Folha de Continuação ao
(ContinuationSheetto)

CERTIFICADO SUPLEMENTAR DE TIPO

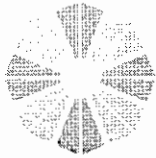
(SupplementalTypeCertificate)

NÚMERO 2014S04-22
(Number)

LIMITAÇÕES E CONDIÇÕES: (Limitations and Conditions:)

- I. The approval of this type design change should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship 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 that aircraft.
- II. 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.
- III. The Certification Basis for parts changed or affected by this change, as specified on the FAA STC SA01838SE, is applicable.
- IV. Instructions for Continued Airworthiness (ICA) must be performed in accordance with the corresponding item of the Installation Instructions Documents listed on MDL.
- V. A copy of this Certificate shall be maintained as part of the permanent records of the modified aircraft.

-----END-----



CERTIFICADO TIPO SUPLEMENTARIO

SUPPLEMENTAL TYPE CERTIFICATE

Número: **CTS 1603.12 (A)**
Number:

Este Certificado es emitido a nombre de **Rosen Sunvisor Systems, LLC (86365 College View Road, Eugene, OR 97405, Estados Unidos)** certificando que todos los cambios en el diseño tipo para el siguiente producto, con las limitaciones y condiciones que específicamente se expresan aquí, cumplen con los requisitos de aeronavegabilidad de la Parte 23 de las Regulaciones Argentinas de Aviación Civil.

This Certificate issued to **Rosen Sunvisor Systems, LLC (86365 College View Road, Eugene, OR 97405, USA)** certifies that all changes in the type design for the following product, with the limitations and conditions specified herein, meet the airworthiness requirements of Part 23 of the Argentine Civil Aviation Regulations.

Producto Original: Certificado Tipo Número: **AV-1601**
Original Product: Type Certificate Number:

Marca: **Textron Aviation Inc**
Make:

Modelo: **T240**
Model:

Descripción del cambio en el Diseño Tipo: **(Ver Hoja Cont. C.T.S.)**
Description of Type Design Changes: (See S.T.C. Continuation Sheet)

Limitaciones y condiciones: **(Ver Hoja Cont. C.T.S.)**
Limitations and Conditions: (See S.T.C. Continuation Sheet)

Este Certificado y los datos en él contenidos, permanecerán en vigencia hasta que sea cancelado, suspendido o revocado, o hasta que el Director de Aeronavegabilidad establezca otra fecha de terminación.

This Certificate and the supporting data included herein, shall remain in effect, until surrendered, suspended, revoked, or until a termination data is otherwise established by the DA Director.

Fecha de solicitud: **01 de Febrero de 2016**
Date of application: February 01, 2016

Fecha de reemisión:/...../.....
Date of Reissuance:

Fecha de emisión: **29 de Marzo de 2016**
Date of issuance: March 29, 2016

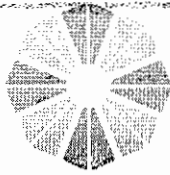
Fecha de enmienda:/...../.....
Date of Amendment:

Por el Director de Aeronavegabilidad
On behalf of the Airworthiness Director

(Firma)
(Signature) Ing. Mec. Aer. Matías José Archino
(Cargo) Jefe Departamento Certificación Aeronáutica
(Title)

Este Certificado puede ser transferido si está debidamente endosado en su reverso.
This Certificate may be transferred if duly endorsed on the back thereof.

Cualquier alteración y/o supresión de este Certificado y/o de las Hojas de Datos Técnicos del Certificado Tipo, hará pasible a su autor de las penas previstas en los Arts. 292, 293 y 294 del Código Penal de la República Argentina.
Any alteration and/or destruction of this Certificate and/or the Type Certificate Technical Data Sheet will be subject to the penalties as set forth under Articles 292, 293 and 294 of the Penal Code of the Republic of Argentina.



ANAC

Administración Nacional
de Aviación Civil

Certificado Tipo Suplementario

(Hoja de Continuación C.T.S.)
(S.T.C. Continuation Sheet)

Número: **CTS 1603.12 (A)**
Number:

Descripción del Cambio en el Diseño Tipo

Instalación del parasol, número de parte 138100 en conformidad con Rosen Sunvisor Systems, LLC, Lista Maestra de Planos (LMP) 1381000-DL Revisión F, de fecha 22 de Marzo de 2013 o revisiones posteriores aprobadas por la FAA/ANAC.

Description of the Type Design Change

Installation of sunvisor assembly part number 1381000 in accordance with Rosen Sunvisor Systems, LLC Master Drawing List (MDL) 1381000-DL Rev. F dated March 22, 2013, or later FAA/ANAC approved revision.

Limitaciones y Condiciones

Esta aprobación no se debe extender a otras aeronaves de estos modelos en las cuales se han incorporado otras modificaciones previamente aprobadas a menos que se determine que la interrelación entre este cambio y aquellas modificaciones previamente aprobadas, incluidos los cambios en el diseño tipo, no introducirán un efecto adverso en la aeronavegabilidad de esa aeronave.

Las Instrucciones de Instalación y de Aeronavegabilidad Continuada están Incluidas en la Lista Maestra de Planos.

Se debe mantener una copia de este certificado y de la LMP de Rosen Sunvisor Systems, LLC aprobada por la FAA/ANAC, como parte de los registros permanentes de la aeronave modificada.

Si el poseedor está de acuerdo en permitir que otra persona utilice este certificado para alterar el producto, el poseedor deberá dar a la otra persona evidencia por escrito de dicho permiso.

Limitations and Conditions

This approval should not be extended to other aircraft of these models 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 that aircraft.

Installation Instructions and Continued Airworthiness are Included in Master Drawing List.

A copy of this certificate and Rosen Sunvisor Systems, LLC FAA/ANAC approved MDL 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.

Bases de Certificación

FAR/RAAC Parte 23, según enmienda 23-46, con la excepción de FAR/RAAC 23.607 y FAR/RAAC 23.611 según enmienda 23-48.

Certification Basis

FAA/RAAC Part 23 as amended through 23-46 except for FAA/RAAC 23.607 and FAA/RAAC 23.611 as amended through 23-48.

FIN
END



European Aviation Safety Agency

SUPPLEMENTAL TYPE CERTIFICATE

EASA.IM.A.S.03124

This Supplemental Type Certificate is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with Commission Regulation (EC) No. 1702/2003 to

Rosen Sunvisor Systems LLC

**86365 College View Road
Eugene
OR 97401
United States**

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 environmental protection requirements when operated within the conditions and limitations specified below:

Original Product Type Certificate Number: FAA TCDS A00003SE; EASA.IM.A.516
Type Certificate Holder: Cessna Aircraft Company
Model: LC41-550FG (C400)
Original STC Number: FAA STC SA01838SE

Description of Design Change:

Installation of Sunvisor.

Associated Technical Documentation:

According to Rosen Sunvisor System, LLC Master Drawing List No. 1381000-00DL, Rev. B or later FAA approved Revisions.

Limitations and Conditions:

1. Prior to installation of this modification the installer must determine that the interrelationship between this modification and any other previously installed modification will introduce no adverse effect upon the airworthiness of the product.
2. The installation of this modification by third persons is subject to written permission of the approval holder and holding and disposal of the approved appropriate documentation.

This Certificate shall remain valid unless otherwise surrendered or revoked.

For the European Aviation Safety Agency,

Date of issue: 23 April 2009

**Roger HARDY
Certification Manager**

STC – EASA.IM.A.S.03124 – Rosen Sunvisor Systems LLC



NSA Sunvisor System for Cessna
300/350/400/T240

Date	Revision	Approved
4/5/19	J	GH

Kit R1381000-0 without Bracket/Adhesive
Kit R1381000-3 with Bracket/Adhesive

Drawing List 1381000-DL

Doc. #9050-0138-002

1381000-0	1381000-3	Drawing	Replaces	Description	Rev.
	1	1381000-3	R1381000-3	Complete System w/ Bracket/Adhesive	F
1		1381000-0	R1381000-0	Complete System w/o Bracket/Adhesive	F
1	1	1381100	R1381100	Mount Assembly Kit	B
2	2	1381101		Mount	A
2	2	1381102		Swivel °40	D
	2	1381300	R1381300	Bracket Assembly	C
	2	1381301		Bracket	A
	1	1381400	R1381400	Adhesive Kit	C
	1	1381401		Bracket Mounting Template	B
2	2	1020100-001	R1020100-001	NSA Modified Block Assembly	E
2	2	1020002-001		Modified 'A' Block	P
2	2	1020003-001		Modified 'B' Block	U
2	2	1010000-5		Complete Slide Assembly	F
2	2	1010001-5		Female Slide – Universal	M
2	2	1010002-3		Male Slide – Universal	R
2	2	1010003		Lens Strip	F
2	2	1381202	1381201-1, -2	Lens	D
		R1010000-5	Kits	Universal Slide with Lens Strip Kit	
1	1	1010000-5		Complete Slide Assembly	F
1	1	1010003		Lens Strip	F
3	3	MS24693- C48BP		#8-32 X .375 Flat Head Phillips SS Black Patch Screw	
		R1381202		Lens Kit	D
1		9051-0138-002		Installation Instructions without Bracket/Adhesive	E
	1	9051-0138-003		Installation Instructions with Bracket/Adhesive	E

Installation Instructions for Cessna 300/350/400/T240 NSA Sunvisor System (Including Mount Bracket Installation) Kit R1381000-3

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

Doc: 9051-0138-003

Rev	Date	Approved
E	6/30/16	GH

Please read through these instructions completely before beginning.

Installation time is approximately 3 to 6 hours.

This installation requires at least a 24 hour cure time after completion of installation prior to flight.

Installation Hardware (included):

4	MS24693-C274B	#10-32 x .75 Phillips Flathead Screw
1	1381401	Bracket Locator (paper template)
1	1381101-1	Pilot Mount Assembly
1	1381101-2	Copilot Mount Assembly
2	MS16995-27B	8-32 x .625 Socket Head Cap Screw
2	8HCLW	#8 Lock Washer
1	Adhesive	
1	5/32 Hex Key	
1	9/64 Hex Key	

Bracket Locating Instructions

1. Remove center overhead console and both forward upper panels.
2. Cut out the pilot and copilot bracket locator templates.
3. Place appropriate template on the outside of the fuselage so that the edge aligns with the hinge pocket and the door recess. Hold in place with an easily removable tape.
4. Gently pull bracket locator template to the inner contour of the fuselage and mark the carbon roll cage where the edge of the template intersects. This will indicate the upper edge of the bracket.
5. Repeat steps 3 and 4 for opposite side.



Bracket Bonding Instructions

Note: Use Devcon adhesive P/N 14300 supplied with kit or per Cessna non-structural bonding specification SX513600 Rev E (10-18-07) to bond brackets to composite rollover structure. Do not use mechanical fasteners of any kind such as blind rivets, screws, or any other attachment devices to install the brackets.

1. Completely insert #10-32 x .75 screws into the upper/inboard mount hole of both brackets.
2. Prepare brackets and frame rail surface on both pilot and copilot sides per adhesive spec (rough with 80 grit sandpaper and wipe clean with alcohol).
3. After preparation, re-mark bracket location, if necessary.

NOTE: Steps 4-6 should be done quickly – Working time for mixed adhesive is 4 minutes.

4. Mix half of the 2 part adhesive thoroughly (refer to adhesive package for safety precautions) and apply to the first bracket in a uniform thickness across the whole bonding area including the three tabs.
5. Position bracket as shown with the bent tabs on the support and with the upper edge of bracket aligned with the line drawn on the frame rail in the previous section of the instructions.
6. With a pistol grip clamp or equivalent, gently but firmly clamp bracket to frame rail allowing the #10-32 screw to softly press against the inner wall of the fuselage (if necessary, a small piece of tape would be sufficient to keep from scratching the composite).
7. Repeat steps 4 – 6 for the opposite side.
8. Allow the adhesive to cure for at least one hour at above 70° F before removing clamps and locator templates.



Headliner Hole Instructions

1. Remove the 10-32 x .75 screw from the co-pilot side and insert it into the empty hole of the pilot side bracket.
2. Using a slow drying paint or ink, mark the heads of both screws.
3. Install the pilot side upper forward panel and press it firmly against the screw heads to transfer paint onto the inside surface of the panel.
4. Remove panel, both screws, and tape.
5. Insert both screws completely into the copilot side bracket.
6. Repeat steps 2 – 4 for co-pilot side panel.
7. Remove and retain the #10-32 x .75 screws
8. Using 3/8" drill bit, drill the four marked holes.
9. Re-install modified headliner panels and the upper center console.



Installing the Visor Arm/Assembly

1. Install the pilot mount assembly (1381101-1) onto the newly installed bracket with the #10-32 x .75 retained from the previous step.
2. Mount the pilot arm and visor onto the swivel of the mounting assembly with the #8-32x.625 (MS16995-27B) and #8 lock washer provided.
(Note: The inside of the mod block is already lubed, so be sure to wipe excess off the bottom of the swivel after installation.)
3. Use the hex keys provided to adjust the tension on all pivot points so that they move freely but not loosely.
4. Repeat using the Copilot mount assembly (1381101-2).

Continued Airworthiness Instructions:

- **(On the ground only)**
 - Periodically clean the lenses with a soft cloth and Rosen Plastic Cleaner, Polisher and 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.