

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

*Number* SA4147NM

*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:*

Raytheon Hawker

*Model:*

models and applicable airworthiness regulations.

*Description of the Type Design Change:* Cockpit Sun Visor installation in accordance with FAA approved Rosen Drawing List Number RBA-800-00DL, Revision B, dated May 10, 2007 or later FAA approved revisions.

*Limitations and Conditions:* Approval of this change in type design applies to the above model aircraft only. 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 interrelationship 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 and FAA approved Drawing List Number RBA-800-00DL, shall 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:* August 1, 1987

*Date reissued:* March 24, 2003

*Date of issuance:* November 19, 1987

*Date amended:* June 24, 1992; December 22, 1995;  
March 24, 2003; March 10, 2006;  
August 30, 2007



*By direction of the Administrator*

*Barbara Medel*  
(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) SA4147NM  
FOR  
INSTALLATION OF A ROSEN SUNVISOR SYSTEM**

ISSUE DATE: August 30, 2007

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.	Raytheon Hawker	BAe-125-800A, BAe-125-1000A, Hawker 1000, Hawker 800XP, Hawker 850XP, Hawker 900XP, Hawker 750	A3EU	CAR 4B	RBA800-00 DL	Revision B, 05/10/07	03/03/2008

FAA APPROVED: *Don Eford*  
Acting Manager, Seattle Aircraft  
Certification Office

REISSUED: \_\_\_\_\_  
AMENDED: 03/03/08



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

**Transport Airplane Directorate  
Aircraft Certification Service**

1601 Lind Avenue SW  
Renton, Washington 98057-3356

**AUG 31 2007**

In Reply

Refer To: 150S-GA-07-62

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

Dear Mr. Hanson:

We have completed our evaluation of your application to amend Supplemental Type Certificate (STC) SA4147NM, and find that you have satisfactorily demonstrated compliance with the applicable certification regulations. Accordingly, we have enclosed amended STC SA4147NM, dated August 30, 2007. This amendment indicates our approval of Rosen Sunvisor Systems, LLC Master Drawing List RBA-800DL, Revision B, dated May 10, 2007.

This STC is official FAA approval for your installation and may be used to authorize identical installations on other aircraft of the same model, subject to the limitations noted on the certificate. It may be transferred or otherwise made available to another party by means of a licensee arrangement in accordance with 14 Code of Federal Regulations (CFR) Section 21.47. You are requested to advise this office within 30 days after the transfer, when you transfer or grant licensee rights to the STC, in order that we may take the necessary recording or reissuance action.

If you agree to permit another person to use this STC to alter the product, it is your responsibility to give the other person written evidence of that permission in the form of a "permission statement." This permission statement should contain the agreement specifying the product to be altered, the STC number, and the person who is being given the consent to use the STC.

As recipient of this approval, except as provided in § 21.3(d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in § 21.3(c).

The report should be communicated initially by telephone to the Manager, Cabin Safety & Environmental Systems Branch, ANM-150S, telephone number (425) 917-6404, 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. 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 Certificate, you are required to comply with § 21.303. A Parts Manufacturer Approval (PMA) may be issued under the provisions of § 21.303 (d) when you submit a statement certifying you have established the fabrication inspection system as required by § 21.303 (h). The identification requirements for parts produced under a PMA are in § 45.15. Your statement may 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, Washington 98055-4056.

We are very interested in the quality of service we provide to the aviation community and the general public, and it would be helpful if you would provide feedback regarding how the approval process went. To gather this information, we have enclosed a short survey form (*with a self-addressed, stamped envelope*) that we hope you will fill out and return.

Sincerely,



*by* Victor W. Wicklund  
Acting Manager, Cabin Safety and  
Environmental Systems Branch  
Seattle Aircraft Certification Office

Enclosure



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

**Transport Airplane Directorate  
Aircraft Certification Service**

1601 Lind Avenue SW  
Renton, Washington 98057-3356

MAR 3 2008

In Reply  
Refer To: 150S-GA-08-16

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 February 14, 2008. Your letter requested an update to the approved model list (AML) for Federal Aviation Administration (FAA) Supplemental Type Certificate (STC) SA4147NM. The FAA has determined that adding the Hawker Beechcraft 750 to the AML is appropriate. Accordingly, the FAA has amended the AML and enclosed the original for Rosen Sunvisor Systems records. Please retain this letter in your records for future reference.

If you have any questions, please contact Mr. Patrick Gillespie, ANM-150S, at telephone number (425) 917-6429.

Sincerely,

*for* Philip L. Forde  
Acting Manager, Seattle Aircraft  
Certification Office

Enclosure  
Amended AML

RECD MAR 06 2008



European Aviation Safety Agency

## SUPPLEMENTAL TYPE CERTIFICATE

### EASA.IM.A.S.02204 Revision 2

This certificate, established in accordance with Regulations (EC) No 1592/2002 and (EC) No 1702/2003 and issued to:

**Rosen Sunvisor Systems LLC**  
86365 College View Road  
Eugene, Oregon 97405  
**United States**

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 TC A3EU*

**Manufacturer:** *Hawker Beechcraft Corporation*

**Model:** *BAe 125-800A, BAe 125-1000A, Hawker 750,  
Hawker 1000, Hawker 800XP, Hawker 850XP and  
Hawker 900XP*

**Original STC Number:** *FAA STC SA4147NM - EASA.IM.A.S.02204*

#### **Description of Design Change:**

Installation of Cockpit Sun Visors.



## European Aviation Safety Agency

### **Associated Technical Documentation:**

In accordance with Rosen drawing List Number RBA-800-00DL, Revision B, dated May 10, 2007, or later approved revisions.

### **Limitations and Conditions:**

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. The installation of this modification by third persons is subject to written permission of the approval holder.

This certificate shall remain valid unless otherwise surrendered or revoked.

For the European Aviation Safety Agency,  
Date of Issue: 21 May 2008

  
**Henry WILDEGANS**  
Project Certification Manager  
Large Aeroplanes



# Supplemental Type Certificate

This approval is issued to:

Rosen Sunvisor Systems  
86365 College View Road  
Eugene, Oregon 97405  
U.S.A.

**Number:** SA89-114

**Issue No.:** 5

**Approval Date:** December 15, 1989

**Issue Date:** June 3, 2009

**Responsible Office:**

Quebec

**Aircraft/Engine Type or Model:**

British Aerospace BAe 125-800A,  
Hawker Beechcraft 750,  
Hawker Beechcraft 800XP,  
Hawker Beechcraft 850XP,  
Hawker Beechcraft 900XP

**Canadian Type Certificate or Equivalent:**

A-145

**Description of Type Design Change:**

Cockpit sun visor installation in accordance with FAA STC  
SA4147NM

**Installation/Operating Data,**

**Required Equipment and Limitations:**

Installation is to be completed in accordance with FAA approved Rosen Drawing List No.  
RBA-800-00DL, Revision B, dated May 10, 2007, or later FAA approved revision.

— End —



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 interrelationships between this change and any other modification(s) incorporated will not adversely affect the airworthiness of the modified product.

Jean-Pierre Francoeur  
For Minister of Transport





Transports Canada

Transport Canada

Aircraft Certification - NAI  
700, Leigh Capreol Street  
Dorval, Quebec  
H4Y 1G7

June 3, 2009

Notre référence - Our file  
NAIS012-89-0604

Mr. Philip L. Forde  
Acting Manager  
**FEDERAL AVIATION ADMINISTRATION**  
Seattle Aircraft Certification Office  
1601, Lind Avenue, S.W.  
Renton, WA 98057-3356

**SUBJECT: Reissuance of Canadian STC SA89-114**  
**(Review of FAA STC SA4147NM amended August 30, 2007)**

---

Sir,

This Supplemental Type Certificate (STC) is reissued in response to an application made by **Rosen Sunvisor Systems**. It is requested that you transmit this letter and the STC document to the holder on our behalf.

The transfer of ownership of these documents in the name of another person requires prior approval from the Minister in accordance with Canadian Aviation Regulations (CAR) section 513.25.

In accordance with the Bilateral Airworthiness Agreement (BAA), it is requested that any defect, malfunction or failure associated with this TCCA approval, which may affect the airworthiness of the modified aeronautical product, be communicated to Transport Canada.

Yours truly,

  
Jean-Pierre Francoeur  
Regional Superintendant  
Aircraft Certification  
For Minister of Transport

Encl

c.c.: Mr. Gary Hanson  
**ROSEN SUNVISOR SYSTEMS**  
86365 College View Road  
Eugene, Oregon 97405  
U.S.A.

**Canada**

**DIRECCION NACIONAL  
DE  
AERONAVEGABILIDAD**

**República Argentina**

**To:** ROSEN-Sunvisor Systems, LLC  
86365 College View Road, Oregon 97405  
USA

**Attention:** Eng. Gary Hanson  
Engineering Manager

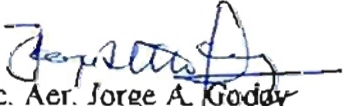
**Reference:** Supplementary Type Certificate

Córdoba, September 18, 2002.

Dear Sir,

We are hereby enclosing the Supplementary Type Certificate No. CTS-0006-12(A) for your records.

Best Regards.

  
Ing. Mec. Aer. Jorge A. Godoy  
Director de Certificación Aeronáutica

**Dirección de Certificación Aeronáutica  
Avda. Fuerza Aérea Argentina Km. 5 ½ (LMAASA)  
5103 - Córdoba - República Argentina  
Tel: (00)(54)(351) 4333-955  
Fax: (00)(54)(351) 4333-945**

República Argentina

Dirección Nacional de Aeronavegabilidad

Certificado Tipo Suplementario

Supplemental Type Certificate

NUMERO: ...CTS-0006-12(A)....

Number:

Este Certificado es emitido a nombre de: ... Rosen Supervisor Systems ...
This Certificate issued to:

86365 College View Road, Eugene, Oregon 97405, U.S.A.

certificando que todos los cambios en el diseño tipo para el siguiente producto, con las limitaciones y condiciones
certifies that all changes in the type design for the following product, with the limitations and conditions

que específicamente se expresan aquí, cumplen con los requerimientos de aeronavegabilidad de la Parte ..CAR 4b
specified herein, meet the airworthiness requirements of Part CAR 4b

del Reglamento de Aeronavegabilidad de la República Argentina.
of the Argentine Airworthiness Regulations.

Producto Original: Certificado Tipo Número: ... AV-0002 ...
Original Product Type Certificate Number:

Marca: ... Raytheon Hawker ...
Make:

Modelo: ... 800XP ...
Model:

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

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

Este Certificado y los datos en él contenidos, permanecerán en vigencia hasta que sea cancelado, suspendido
This Certificate and the supporting data included herein, shall remain in effect, until surrendered,
o revocado, o hasta que el Director Nacional de Aeronavegabilidad establezca otra fecha de terminación
suspended, revoked, or until a termination date is otherwise established by the DNA National Director.

Fecha de solicitud: ... 14 ... / ... Oct ... / ... 1998 ...
Date of application:

Fecha de emisión: ... 15 ... / ... Oct ... / ... 2000 ...
Date of issuance:

Fecha de Reemisión: ... 12 ... / ... Set ... / ... 2002 ...
Date of Reissuance:

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

Por el Director Nacional de Aeronavegabilidad
For and behalf of the National Airworthiness Director

(Firma) ... [Signature] ...
Signature Ing. Mec. Aer. Jorge A. Godoy
(Cargo) ..Director de Certificación Aeronáutica Córdoba..
Title

Cualquier adulteración y/o supresión de este Certificado y/o de las Hojas de Datos Técnicos del Certificado Tipo,
Any adulteration and/or suppression on this Certificate and/or to the Technical Datasheets of the Type Certificate,
hará pasible a su autor de las penas previstas en los Arts, 292, 293 y 294 del Código Penal de la República Argentina.
will make its author deserve the penalties foreseen in Arts, 292, 293 y 294 of the Penal Code of the Argentine Republic.

*República Argentina*

*Dirección Nacional de Aeronavegabilidad*

# *Certificado Tipo Suplementario*

*Supplemental Type Certificate*

## *(Continuación)*

NUMERO: ..CTS-0006-12(A)..

Number:

### **Descripción del Cambio en el Diseño Tipo:**

Instalación de un parasol de cabina según el Listado de Planos Rosen N° RBA-800-00DL, Revisión A, aprobado por DNA/FAA ó última revisión aprobada.

#### **Description of Type Design Change:**

Installation of cabin headliner/window panel brackets in accordance with Arkansas Aerospace Drawing List No. 800-116, Revision C, dated May 24, 1991, or later DNA/FAA approved revision.

### **Limitaciones y Condiciones:**

La aprobación de este cambio en el diseño tipo se aplica solamente al modelo de aeronave mencionado arriba. Esta aprobación no debe extenderse a otras aeronaves de este modelo en las que se hayan incorporado otras modificaciones previamente aprobadas a menos que se determine que la interrelación entre este cambio y cualquiera de aquellos previamente aprobados, incluyendo cambios en diseño tipo, no introducirán efectos adversos en la aeronavegabilidad de la aeronave. Una copia de este certificado y de la Lista de Planos Rosen N° RBA-800-00DL aprobada por DNA/FAA debe formar parte de los registros permanentes para la aeronave modificada.

#### **Limitations and Conditions:**

The approval of this change in type design applies to the above model aircraft only. 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 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 DNA/FAA approved Rosen Drawing List No. RBA-800-00DL, shall be maintained as part of the permanent records for the modified aircraft.



AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL - BRASIL

**CERTIFICADO DE HOMOLOGAÇÃO SUPLEMENTAR DE TIPO**  
(Supplemental Type Certificate)

**NÚMERO 9706-03**  
(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  
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:** 8508 (ANAC).  
(Original Product - Type Certificate No:)

**Fabricante:** Hawker Beechcraft Company.  
(Manufacturer:)

**Modelo(s):** BAe 125-800A, Hawker 800XP, Hawker 750,  
(Model(s):) Hawker 900XP and Hawker 850XP.

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

Installation of a Cockpit Sun Visor in accordance with Rosen Drawing List Nº RBA-800-00DL, Rev. B, dated 10 May 2007, or later approved revisions.

This CHST validates in Brazil the STC # SA4147NM, issued by FAA (USA).

**LIMITAÇÕES E CONDIÇÕES:**  
(Limitations and Conditions:)

See continuation sheet for applicable data.

**DATAS:**  
(Dates of:)

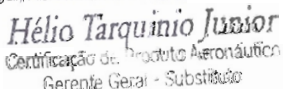
**Do Requerimento:** 17 Apr. 1996  
(Application:)

**Da emissão:** 25 June 1997  
(Issue:)

**Da reemissão:** 24 Nov. 2009  
(Reissue:)

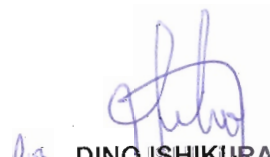
  
ADEMIR ANTÔNIO DA SILVA

Gerente Geral, Certificação de Produto Aeronáutico  
(Manager, Aeronautical Product Certification)

  
Hélio Tarquínio Júnior  
Certificação de Produto Aeronáutico  
Gerente Geral - Substituição

F-400-01D (09.06)

Ft. 01 de 02  
(Sheet) (of)

  
DINGO ISHIKURA

Superintendente de Aeronavegabilidade  
(Airworthiness Superintendent)

  
Ademir Antônio da Silva  
Superintendente de Aeronavegabilidade  
Substituto

H.02-1393-0



AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL - BRASIL

Folha de Continuação ao  
(Continuation Sheet to)

**CERTIFICADO DE HOMOLOGAÇÃO SUPLEMENTAR DE TIPO**  
(Supplemental Type Certificate)

**NÚMERO 9706-03**  
(Number)

**LIMITAÇÕES E CONDIÇÕES:**  
(Limitations and Conditions)

- I. The approval of this type design change should not be extended to other aircraft of these models 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. A copy of this Certificate shall be maintained as part of the permanent records for the modified aircraft.
- IV. Reissued on 21 Aug. 2008 to include Hawker 750 aircraft model and to update the STC holder name and address.
- V. Reissued on 17 Dec. 2008 to include Hawker 900XP aircraft model.
- VI. Reissued on 24 Nov. 2009 to include Hawker 850XP aircraft model.

-----END-----



Agência Nacional de Aviação Civil

Of. 1615/2008-GGCP/SAR

São José dos Campos, 24 November 2009.

Ms. Sharon Skidmore  
Engineering Administrative Assistant  
Rosen Sunvisor Systems  
86365 College View Road  
Eugene, OR 97405  
USA

**Subject:** Brazilian validation of FAA STC # SA4147NM.

**Ref.:** Project Number H.02-1393-0.

**Enclosure:** CHST 9706-03.

Dear Madam,

1. Please find enclosed the Brazilian Supplemental Type Certificate (CHST) # 9706-03, reissued on 24 Nov. 2008 to include Hawker 850XP aircraft model.
2. As part of our procedures, please send back the former CHST for voiding.

Yours sincerely,

Ademir Antônio da Silva

General Manager

Aeronautical Product Certification Branch

*Hélio Tarquinio Junior*  
Certificação de Produto Aeronáutico  
Gerente Geral - Substituto

LVC/tec  
Copies:  
PST = 2  
LSE = 1

Rosen (Ms. Sharon Skidmore e-mail: SSKidm@rosensunvisor.com)  
FAA (Mr. Patrick Gillespie e-mail: Patrick.gillespie@faa.gov)

**PROTOCOLO ANAC**

60800.056070/2008-94

08-3070

RECEIVED  
APR 25 2008  
ANM-100S  
FAA-SACO



Philip L. Ford  
Acting Manager, Seattle Certification Office  
Transport Airplane Directorate  
Aircraft Certification Office  
1601 Lind Avenue SW  
Renton, Washington 98057-3356  
USA

10 April 2008

Dear Mr. Forde,

With reference to your letter dated 24 March 2008 reference number 150S-GA-08-34 please be advised as follows;

1. The Civil Aviation Authority of the Cayman Islands confirms that there are no additional requirements to the process as outlined in your letter.
2. Under the overseas territories aviation requirements (OTAR's) Part 21 Sub-part C 21.73 our only requirement is that the product is approved by the state of design and the state of design is acceptable to the Cayman Islands territory.

For future reference the regulations applicable to the Cayman Islands can be accessed via the internet at the following URL;

[http://www.airsafety.aero/legislation and otar s/otars/](http://www.airsafety.aero/legislation_and_otar_s/otars/)

P.H. Richard Smith  
Director-General Civil Aviation Authority

ROUTE	NOTE	ACTION
ANM-100S		
ANM-102S		
ANM-120S		
ANM-130S		
ANM-140S		
ANM-150S		
ANM-160S		
FILE		

*pis*





**Australian Government**  
**Civil Aviation Safety Authority**

083279

**RECEIVED**  
MAY 02 2008

ANM-100S  
FAA-SACO

Civil Aviation Safety Authority  
GPO Box 2005  
Canberra City ACT 2601

Our Ref: EX08/6534

Your Ref: 150S-GA-08-30

Mr Philip L. Forde  
Acting Manager, Seattle Aircraft Certification Office  
1601 Lind Avenue SW  
Renton, Washington 98057-3356

ROUTE  
USA

ANM-100S  
ANM-102S  
ANM-120S  
ANM-130S  
ANM-140S  
ANM-150S  
ANM-160S

Dear Mr Forde,

I refer to your letter dated 24 May 2008 regarding Rosen Sunvisor Systems request for approval from the Australian Civil Aviation Safety Authority (CASA) for FAA Supplemental Type Certificate (STC) SA4147NM.

Please be advised that STCs issued by the FAA are automatically accepted by CASA. There is no additional requirement that must be met. CASA also accepts PMA parts imported to Australia accompanied by an airworthiness approval tag, FAA Form 8130-3.

FILE

Yours sincerely

Dinh Nguyen  
Manager, Certification Policy and Programs  
Airworthiness Engineering Branch  
15<sup>th</sup> April 2007

# 中国民用航空局

CIVIL AVIATION ADMINISTRATION OF CHINA

## 补充型号认可证

### VALIDATION OF SUPPLEMENTAL TYPE CERTIFICATE

编号/NO. VSTC0270

本证颁发给/This Certificate is issued to Rosen Sunvisor Systems LLC

适用机型/Applicable Aircraft Model:  
Hawker 800XP/850XP,Hawker 900XP

**叙述/Description:**

Cockpit Sun Visor installation in accordance with FAA approved Rosen Drawing List Number RBA-800-OODL,Revision B,dated May 10,2007 or later FAA approved revisions .

**使用限制/Limitation:**

See "Limitations and Conditions" of SA4147NM (Issued on November 19, 1987, Amended on August 30, 2007) by FAA.

经中国民用航空局审查确认,上述民用航空产品的设计更改符合中国民用航空规章的有关规定。中国民用航空局对由 FAA 颁发的第 SA4147NM 号补充型号合格证给予认可。

*This is to certify that design change of above civil aeronautical product meets applicable China Civil Aviation Regulations. Civil Aviation Administration of China validates the Supplemental Type Certificate No. SA4147NM issued by FAA*

局长授权:

For the Minister of CAAC:

签字/Signature 张红鹰 Zhang Hongying

职务/Title Director General

部门/Department CAAC-AAD

日期/Date 2008-05-29

Application Date 2007-07-26

Issuance Date 2007-12-04

Application Date 2008-01-09

Amendment Date 2008-05-29



**Hawker Beechcraft 750, 800XP,  
850XP,900XP Monorail System**

Date	Revision	Approved
1/27/22	J	SYS

**Drawing List  
RBA800-00 DL**

**Doc. # 9040-0132-001**

Drawing	Reference	Description	Rev.
1320000-001	RBA800-300-1 R1320000-001 RBA-800-100	<b>Hawker 800 System</b>	D
1320000-002		<b>Hawker 800 System 3<sup>rd</sup> Axis</b>	A
1320100-001	RBA-800-1A	<b>Pilot Rail Assembly</b>	E
1320101-001	RBA-800-100-1A R1320101-001	Monorail Pilot Side	C
1230107		Brass Rail Pin	B
1230108		Plug	E
1320103	RBA-800-100-3	Side Bracket	D
1320104-001	RBA-800-100-4 R1320104-001	End Bracket – Pilot Side	D
1320100-002	RBA-800-2A	<b>Copilot Rail Assembly</b>	F
1320101-002	RBA-800-100-1B	Monorail Copilot Side	C
1320102	RBA-800-100-2 R1320102	Center Bracket	C
1320103	RBA-800-100-3 R1320103	Side Bracket	D
1320104-002	RBA-800-100-5 R1320104-002	End Bracket – Copilot Side	D
1320401	R1320401 RBA800-300-3 RBA800-200-1	<b>Visor Assembly</b>	D
1320201		Lens	E
1110202	R1110202	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
1120102-001	RCBS-100-8AB R1120102-001	Clamping Block Body	L
1120104	RCBS-300-11M R1120104-002	Thumb Knob – Standard	M
1120203	RCBS-300-8 R1120203	Swivel, Clamping Block	P
1320430		<b>3<sup>rd</sup> Axis Visor Assembly</b>	B
1320231		3 <sup>rd</sup> Axis Lens	C
1110202		Swivel Nut Plate	E
1120000-003		3 <sup>rd</sup> Axis Complete Assembly Clamping Block	K
1120101-001	RCBS-100-7A R1120101-001	Nut Plate, Standard	L
1120102-001	RCBS-100-8AB R1120102-001	Clamping Block Body	L
1120104	RCBS-300-11M R1120104-002	Thumb Knob -- Standard	M
1120200		Lower Pivot Assembly	D
1120220		Swivel Assembly	D

# Rosen®

## SUNVISOR SYSTEMS

1120207		Sleeve, Body	B
	<b>KITS</b>		
<b>R1120210-003</b>		<b>3<sup>rd</sup> Axis Clamp Block Assembly</b>	A
<b>RCBS-100</b>		<b>Complete Clamping Block Assembly</b>	E
<b>RCBS-300-11M</b>		<b>Kit, Standard, Thumb Knob</b>	D
<b>R1320201</b>		<b>Lens</b>	E
<b>R1320231</b>		<b>3<sup>rd</sup> Axis Lens</b>	C
9041-0132-002		Installation Instructions for Hawker 800	B

## Installation Instructions for Raytheon Hawker 800 Monorail Sunvisor System

(Kit R1320000-001)

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

Doc: 9041-0132-002

Rev	Date	Approved
B	3/30/2007	GH

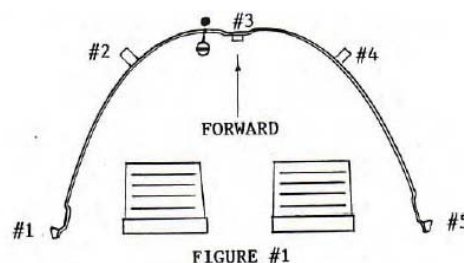
Please read through these instructions completely before beginning.

This installation should take approximately one hour to complete.

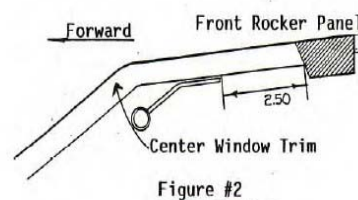
### Installation Hardware (included):

Qty: (5) AN526C832R10 #8-32x5/8 SS Truss head screw  
 (5) 90295A110 Nylon Washer, .06x.405 OD, .175ID  
 (5) A8K75 Rivnut, Alum 8-32 Open End  
 E-clips

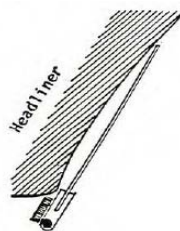
- The picture to the right identifies the rail and mount positions for reference.
- The rail is made of two pieces for ease of shipping and handling. Carefully remove the rail from the packaging and join the halves by inserting the front pin (pilot's side) into the half with the bracket (co-pilot's side).
- Make a mark 2.5 inch forward of the front overhead rocker panel above the front window as shown. Do this in pencil so it can be erased.
- Put both visors on the rail and position them in the rear stowage position as shown (one on each side). See figure #3.



- With the visor assemblies on the rail, place "E" clip onto recess on threaded end of tensioning knob.

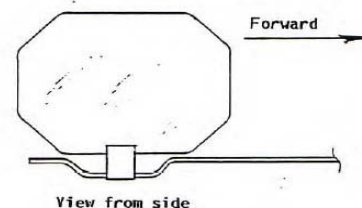


- Tighten the thumb tension knobs and rotate the visors up as shown.



View from rear

- With an assistant hold the front of the front bracket (#3) to the mark on the center window trim (Pilot's rail goes forward to the compass), and push brackets #1 and #5 as far as possible until the stowed visors are flush against the headliner.



View from side

Figure #3

- NOTE: There should be at least 3/4" clearance between the rail and the rear of the compass mounting. This will allow the visor assemblies to move behind the compass. If there is insufficient clearance, move the rail farther forward. Mark the center of the slot in bracket #3 and brackets #1 and #5.
- Install the A8K75 rivnut provided for bracket #3 or use a nut-plate. **DO NOT DRILL INTO AIRCRAFT STRUCTURE.**
- Using the #8-32x5/8 Truss head screw provided attach bracket #3 and recheck bracket #1 and #5 as done previously. By pushing the rail outboard with the visor in the stowed position you will insure the maximum headroom clearance for the crew. Mark the center of the slots for rivnut or nutplate installation.
- Install the A8K75 rivnuts provided or use nutplates as desired and using the #8-32x5/8 Truss head screw secure brackets #1 and #5. **DO NOT DRILL INTO AIRCRAFT STRUCTURE.**
- Now mark brackets #2 and #4 and remove the rail to repeat the installation procedures.
- The monorail should now be securely fastened to the headliner using the 8-32x5/8 Truss head screws.

### **OPERATE:**

- **NOTE:** This system is not intended to be used as a hand hold. **Do not use as a hand hold.**
- To move: Loosen the clamp block slightly and slide the visor along the rail by pushing sideways on the knob. Re-tighten in new location.
- To stow: Move visor to preferred stow position and tension to the point that the visor can be rotated overhead without dropping. Some pilots may prefer to stow vertically on either side.

The vertical pivot allows you to change the angle of the visor at any point along the rail. It also provides greater clearance in the stow position.

### **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 section are available on the Rosen Website. ([www.rosenvisor.com](http://www.rosenvisor.com))

The most up to date version of this document is available on the Rosen Website. ([www.rosenvisor.com](http://www.rosenvisor.com)) We recommend that you periodical 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.