

1. Approving Civil Aviation Authority/Country:

FAA/United States

2.

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

14172

4. Organization Name and Address:

Southwings Avionics and Accessories, Inc.  
5429 NW 161st Street  
Miami Gardens, FL 33014  
8SAR478B

5. Work Order/Contract/Invoice Number:

Work Order #: 14172  
Contract # 14172  
Invoice # 14172

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	BALL SCREW ASSEMBLY	07312P000-01	1	976B	OVERHAULED

12. Remarks:

Unit OVERHAULED in accordance with CMM ATA 27-51-05, Revision 5, Issued 4/21/2016. S/B and A/L's: NON-complied with. Full details of work carried out held on Work Order 14172

Certifies that the work specified in Blocks 11/12 was carried out in accordance with EASA part 15 and in respect to that work the article is considered ready for release to service under EASA Part 145 Approval No. 145.6275

13a. Certifies the items identified above were manufactured in conformity with the design data and are in a condition for safe operation.

14a.  14 CFR 43.9 Return to Service  Other regulation specified in Block 12

N/A Approved design data and are in a condition for safe operation.  
 N/A Non-approved design data specified in Block 12.

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:

N/A

13c. Approval Authorization No.:

N/A

14b. Authorized Signature:

14c. Approval/Certificate No.:

8SAR478B

13d. Name (Typed or Printed):

N/A

13e. Date (dd/mm/yyyy):

N/A

14d. Name (Typed or Printed):

RICARDO CAYON

14e. Date (dd/mm/yyyy):

17/Sep/2019

### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



Southwings Avionics and Accessories, Inc.  
 5429 NW 161st Street  
 Miami Gardens, FL. 33014  
 Phone: (305) 825-6755 Fax: (305) 825-6756  
 E-Mail: southwings@att.net  
 FAA #: 8SAR478B

Work Order #: 14172  
 Work Order Date: 08/19/2019

Cust#: <u>1242</u> RO#: <u>R8439</u>		Customer Name: <u>CAVALIER AEROSPACE, LLC.</u>	
P/N: <u>07312P000-01</u>		MFG: <u>UMBRA</u>	CMM: <u>27-51-05</u>
S/N: <u>976B</u>		Model #:	Rev #: <u>5</u>
Desc: <u>BALL SCREW ASSEMBLY</u>		Book#: <u>734</u>	Date: <u>04/21/2016</u>

Work Req: OVERHAUL Trouble Reported: NONE

Rec Inspection: NO VISUAL DAMAGE

Special Instructions: PLEASE SEE RO# FOR DETAILS

Preliminary P/N AND S/N VERIFIED.  
 Inspection:

Hidden NONE  
 Damage:

Initial UNIT CLEANED, INSPECTED AND TESTED  
 findings:

Trouble Verified?: Yes:  No:  N/A:  Bench Check?: Passed  Failed  N/A:

Progressive UNIT DISASSEMBLED, CLEANED AND INSPECTED, UNIT CONTAMINATED, UNIT  
 Findings: REQUIRES NDT, RO#: 2822. UNIT REQUIRES CADMIUM PLATING, RO#: 2824

Corrective UNIT DISASSEMBLED, CLEANED AND INSPECTED, UNIT ASSEMBLED, TESTED AND  
 Action: OVERHAULED I/A/W/O/M AS PER ATA: 27-51-05, REV#: 5. UNIT IS APPROVED TO RETURN TO SERVICE.

Tech	Insp	Date
AO	R.C.	8/19/2019
AO	R.C.	8/19/2019
AO	R.C.	8/19/2019
AO	R.C.	8/19/2019
AO	R.C.	8/19/2019
AO	R.C.	9/17/2019

Work Performed: OVERHAULED

AD Notes\SB's installed: NONE

P/N:	Description:	Qty:	Cond:	PO#:
NDT RO#: 2822		1		
CADMIUM PLATING RO#: 2824		1		

**Final Inspection**

Date: 09/17/2019

Technician: ANDRES OROZCO

Inspector: RICARDO JAYON

The appliance\component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, is approved for return to service and is certified as airworthy.

Auth. Signature: *Andres Orozco*