

1. Approving Civil Aviation Authority/Country:
FAA/United States

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
12706

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 #: 112706
Cust. PO #: 8028

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	BALL SCREW ASSEMBLY	07311P000-02	1	331C	OVERHAULED

12. Remarks:
Unit OVERHAULED in accordance with CMM ATA 27-51-05, Revision 5, Issued 4/21/2016, § 3 and A 731-10NF complied with. Full details of work carried out held on Work Order 12706

Certifies that the work specified in Blocks 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the article is considered ready for release to service under EASA Part 145 Approval No. 145.8275

13a. Certifies the items identified above were manufactured in conformity with:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 12.

13b. Authorized Signature: *[Signature]*
 13c. Date (dd/mm/yyyy): N/A
 13d. Name (Typed or Printed): N/A

14a. Authorized Signature: *[Signature]*
 14b. Name (Typed or Printed): **RICARDO CAYON**
 14c. Approval/Certificate No.: **8SAR478B**
 14d. Date (dd/mm/yyyy): **14/Feb/2019**

User/Installer Responsibilities

It is reported 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 #: 12706
Work Order Date: 01/25/2019

Cust#: <u>1242</u>	RO#: <u>R8028</u>	Customer Name: <u>CAVALIER AEROSPACE, LLC.</u>
P/N: <u>07311P00002</u>	MFG: <u>UMBRA</u>	CMM: <u>27-51-05</u>
S/N: <u>365C</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 R.O. 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 REQUIRES NDT, RO#:
Findings: 2720. UNIT REQUIRES CADMIUM PLATING, RO#: 2724

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

Tech	Insp	Date
AO	R.C.	1/25/2019
AO	R.C.	1/25/2019
AO	R.C.	1/25/2019
AO	R.C.	1/25/2019
AO	R.C.	1/25/2019
AO	R.C.	2/14/2019

Work Performed: OVERHAULED

AD Notes\SB's installed: NONE

P/N:	Description:	Qty:	Cond:	PO#:
NDT/RO#: 2720				
CADMIUM PLATING/RO#: 2724				

Final Inspection

Date: 02/14/2019

Technician: ANDRES OROZCO

Inspector: RICARDO CAYO

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: _____ *[Signature]*