

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

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

3. Form Tracking Number:
12479

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 #: 12479
Contract #: R7943

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	BALL SCREW ASSEMBLY	07311P000-02	1	436	OVERHAULED

12. Remarks:
Unit OVERHAULED in accordance with CMM ATA 27-51-05, Revision 5, Issued 4/21/2011, and EASA Part 145 and in respect to that work the article is considered ready for release to service under EASA Part 145 Approval No. 145.6275

13a. Certifies the items identified above were manufactured in conformity with:
 N/A Approved design data and are in a condition for re-approval.
 N/A Non-approved design data specified in Block 12.

14a. 14 CFR 43.9 Return to Service Other regulation 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): 21/Dec/2018

User/Installer Responsibilities
It is upon me to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.
When 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 #: 12479
Work Order Date: 12/10/2018

Cust#: 1242 RO#: R7943		Customer Name: CAVALIER AEROSPACE, LLC.	
P/N: 07311P000-02	MFG: UMBRA	CMM: 27-51-05	
S/N: 436C	Model #:	Rev #: 5	
Desc: BALL SCREW ASSEMBLY	Book#: 734	Date: 04/21/2016	

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: 2702. UNIT REQUIRES CADMIUM PLATING. RO#: 2705

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

Tech	Insp	Date
AO	R.C.	12/10/2018
AO	R.C.	12/10/2018
AO	R.C.	12/10/2018
AO	R.C.	12/10/2018
AO	R.C.	12/10/2018
AO	R.C.	12/21/2018

Work Performed: OVERHAUL

AD Notes\SB's installed: NONE

P/N:	Parts Used:	Qty:	Cond:	PO#:
	NDT RO#: 2702	1		
	CADMIUM PLATING RO#: 2705			

Final Inspection

Date: 12/21/2018

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: _____