

1. Approving Civil Aviation  
Authority/Country:

FAA/UNITED STATES

**AUTHORIZED RELEASE CERTIFICATE**  
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking No:

6276

4. Organization Name and Address:

**COBALT AERO SERVICES**  
2390 AIRPORT ROAD, HOT SPRINGS, AR 71913 (K5OR097B)

5. Work Order/Contract/Invoice No:

Q1720

6. Item 7. Description:

8. Part Number:

9. Quantity:

10. Serial Number:

11. Status/Work:

1 ACTUATOR ARM

251N4098-6

1

105471

OVERHAULED

12. Remarks:

Overhauled in accordance with Boeing 757 CMM 27-51-04 Revision 29 Dated Jul 01/2017.

Full details of work carried out per Work Order Q1720. Reference Customer RO N500973-2.

Certifies work specified in Blocks 11/12 was carried out in accordance with EASA Part 145, and with respect to that work, the component is considered ready for release to service under EASA Part 145 Approval Number 145 6262

13a. Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in a condition for safe operation.

☐ 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:

14b. Authorized Signature:

14c. Approval/Certificate No.:

13d. Name (Typed or Printed):

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

14d. Name (Typed or Printed):

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

Michael McWilliams

14/MAY/2018

**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.

Statement 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.

FAA Form 8130-3 (02-14)

NSN:0052-00-012-9005

Jet2.com

17 MAY 2018

Certified True Copy

Set 2  
ST 27

Customer: JET MIDWEST  
Part Number: 251N4098-6

Ref No: N500973-2  
Description: ACTUATOR ARM

UDF001: Q

WO#: Q1720  
Serial Number: 105471

SEQ#	TASK	TECH	INSP	DATE															
<b>RECEIVING</b>																			
100	Verify RO#/PO#, part number, serial number (above) and workscope (below) are correct. [ ] Inspect <u>YAD PM</u> <input checked="" type="checkbox"/> Repair <input checked="" type="checkbox"/> Overhaul [ ] Modification <u>04/18/18</u> Check part number is on capabilities list. [ ] Yes <input checked="" type="checkbox"/> No If "No", 1. Complete form CAS201 Capabilities and Self Evaluation. 2. Add part number to capabilities list on this date: <u>W.M.M.</u>	X		<u>04/18/18</u>															
150	Check for any applicable airworthiness directives and/or service bulletins and note on discrepancy report as required.	X	<u>gg</u>	<u>4/25/18</u>															
<b>CLEANING</b>																			
200	Clean part as needed per OEM data: <u>757 CMM 27-51-04</u> <u>Rev 29 July 01, 2017</u>	<u>gg</u>	X	<u>04/25/18</u>															
<b>INSPECTION</b>																			
400	Inspect per OEM data: <u>757 CMM 27-51-04</u>	<u>gg</u>	<u>gg</u>	<u>04/25/18</u>															
<b>REPAIR</b>																			
500	Comply with DR's (discrepancy reports) below: <table border="1"> <thead> <tr> <th>DR#</th> <th>DATE ISSUED</th> <th>TECH INFO</th> <th>DATE COMPLETED</th> <th>INSP INFO</th> </tr> </thead> <tbody> <tr> <td><u>-1</u></td> <td><u>04-27-18</u></td> <td><u>gg</u></td> <td><u>05-02-2018</u></td> <td><u>W.M.M.</u></td> </tr> <tr> <td><u>-2</u></td> <td><u>04-27-18</u></td> <td><u>gg</u></td> <td><u>05-02-2018</u></td> <td><u>W.M.M.</u></td> </tr> </tbody> </table> NOTE: See attached tally sheet for additional non-routines issues as required.	DR#	DATE ISSUED	TECH INFO	DATE COMPLETED	INSP INFO	<u>-1</u>	<u>04-27-18</u>	<u>gg</u>	<u>05-02-2018</u>	<u>W.M.M.</u>	<u>-2</u>	<u>04-27-18</u>	<u>gg</u>	<u>05-02-2018</u>	<u>W.M.M.</u>	X	X	X
DR#	DATE ISSUED	TECH INFO	DATE COMPLETED	INSP INFO															
<u>-1</u>	<u>04-27-18</u>	<u>gg</u>	<u>05-02-2018</u>	<u>W.M.M.</u>															
<u>-2</u>	<u>04-27-18</u>	<u>gg</u>	<u>05-02-2018</u>	<u>W.M.M.</u>															
550	If no existing serial number, apply serial number. <u>N/A</u>	<u>gg</u>	<u>gg</u>	<u>04/25/18</u>															
<b>PAINT</b>																			
800	Prepare, prime and paint surface per OEM data as required. PREP: <u>757 CMM 27-51-04 cur</u> PRIME: <u>757 CMM 27-51-04 cur</u> PAINT: <u>gg</u> Record number of detail parts: <u>gg</u> <u>N/A</u>	<u>gg</u>	<u>gg</u>	<u>05/14/18</u>															
<b>FINAL INSPECTION</b>																			
900	Inspect finished assembly.	X	<u>gg</u>	<u>5/14/18</u>															



FAA REPAIR STATION # K5OR097B

2390 Airport Road  
Hot Springs, AR 71913PHONE: 501-623-7211  
FAX: 501-623-7786

## NON-ROUTINE DISCREPANCY REPORT

Description	Part Number	Serial Number	W.O. Number
ACTuator Arm	251N4098-6	MSN	Q1720

TRACKING #

Q1720-1

## DISCREPANCY

Part requires mag. Part. inspect items 90 and 100

TECHNICIAN

DATE

INSPECTOR

DATE

04-27-2018

M.M.

4/27/18

## CORRECTIVE ACTION

MAG. Part. inspections accomplished by APEX NOT  
report W.O. Q184R1 MAY 02, 2018

Item 90B. PN: 251N4100-2

Item 100. PN: 251N4202-1

TECHNICIAN

DATE

INSPECTOR

DATE

05-11-2018

M.M.

5/11/18

Non-Routine Discrepancy Report  
Page 1 of 1Jet2.com  
Certified True Copy

17 MAY 2018



Form CAS101

Revision: 003

Rev Date: Nov 08 2017



PHONE: 501-623-7211  
FAX: 501-623-7786







**APEX INSPECTIONS INC.**  
PROFESSIONAL NDT SERVICES

**Penetrant NDT Report**

NDT Report 1 of 1 pages

Project and Technique Information						
Customer: COBALT AERO SERVICES		CST WO/RO/PO: R2049		Apex Work Order: 6184	Date Inspected: 02/MAY/2018	
Location/Site: LAB			Was a Hidden Damage Inspection Required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
NDT Specifications and Accept/Reject Criteria: SOPM 20-20-02, TYPE I, METH. A, SEN. LEVEL 3						
Description of NDT work requested: FLUORESCENT PENETRANT INSP ON COMPONENTS LISTED BELOW PER ABOVE REF						
<input checked="" type="checkbox"/> Aircraft <input type="checkbox"/> Stock	Aircraft Model: NA	Aircraft Serial: NA	Aircraft Registration/Tail: NA	Total Time: NA	Total Cycles/Landings: NA	
<input type="checkbox"/> Industrial	Part Description: NA	Part Serial: NA	Part Number: NA	Heat Number: NA		
Material Type: NA	Surface Condition: NA	Part Temperature: NA	Production Stage: NA	Area of Interest: FULL		
Light Meter Type: UV	Light Meter Intensity: 4220	Light Meter SN: DSE1095620	Light Meter Calibration Date: 04/APR/2018	Penetrant Calibration Date: 06/MAR/2018		
Penetrant Type: FLUORESCENT	Penetrant Manufacturer: MAGNAFLUX	Penetrant Part Number: ZL-67	Penetrant Batch Number: 17A019	Penetrant Dwell Time: 30 MIN		
Emulsifier Type: NA	Emulsifier Manufacturer: NA	Emulsifier Part Number: NA	Emulsifier Batch Number: NA	Emulsifier Dwell Time: NA		
Solvent Type: NA	Solvent Manufacturer: NA	Solvent Part Number: NA	Solvent Batch Number: NA			
Developer Type: DRY POWDER	Developer Manufacturer: MAGNAFLUX	Developer Part Number: ZP-4B	Developer Batch Number: 132C025	Developer Time: 10 MIN		
Results of Examination					Quantity	
Surface Area / Component					Accepted	Rejected
PN:251N4099-2 / HOUSING / WO#: Q1719					1	0
PN:251N4224-1 / RETAINER / WO#: Q1719					1	0
PN:251N4201-2 / SPACER / WO#: Q1719					1	0
PN:251N4283-1 / TUBE / WO#: Q1719					1	0
PN:251N4224-1 / RETAINER / WO#: Q1720					1	0
PN:251N4283-1 / TUBE / WO#1720					1	0
PN:251N4201-2 / SPACER / WO#1720					1	0
NO RELEVANT INDICATIONS NOTED AT THIS TIME AND DATE						

Was an additional page needed for comments and/or sketch of part and/or discontinuity? ☐ Yes ☒ No

**Airworthiness:**

☐ Not Applicable

☒ **ACCEPT:** The Aircraft or Component described and marked as accepted on this report has been inspected in accordance with approved and/or acceptable NDT technical data. The NDT inspection was performed by Technicians employed by Apex Inspections and approved for return to service in regards to the NDT performed on the aircraft structure and/or components only.

☐ **REJECT:** The Aircraft or Component described and marked as rejected on this report has been inspected in accordance with approved and/or acceptable NDT technical data. The NDT inspection was performed by Technicians employed by Apex Inspections and denied for return to service in regards to the NDT performed on the aircraft and/or components only.

NDT Technician (Print Name), Qualifications (Specification/Level): JOHN LAMB NAS410 II	FAA/EASA Certificate Number: X5IR125Y	NDT Technician Signature: <i>John Lamb</i>	Date: 02/MAY/2018
NDT Technician (Print Name), Qualifications (Specification/Level):	FAA/EASA Certificate Number:	NDT Technician Signature:	Date:

This inspection was completed on a good faith effort and is accepted. Apex, as a contractor, does not warranty the inspection beyond the cost of the inspection. The results of the inspection are based on the opinion of the NDT Technician performing the inspection. Apex will not be held responsible for any liability and/or loss of revenue from this NDT inspection. The condition of the component tested could change after the inspection process has been completed.

**When available:**

Customer (Print Name):	Customer Signature:	Date:
------------------------	---------------------	-------

Apex Inspections, Incorporated • FAA CRS X5IR125Y • EASA 145.6775 • ISO/IEC 17025 A2LA 4402.01  
12901 Nicholson Road, Ste. 200, Farmers Branch, Texas 75234 • Tel: 972-418-5672 • www.ApexInspections.com

Form 9.3.1.1 Rev 1 Dec 29, 2017

**Jet2.com**  
Certified True Copy

17 MAY 2018





**APEX INSPECTIONS INC.**  
PROFESSIONAL NDT SERVICES

**Magnetic Particle NDT Report**

NDT Report 1 of 1 pages

Project and Technique Information					
Customer: <b>COBALT AERO SERVICES</b>		CST WO/RO/PO: <b>R2049</b>		Apex Work Order: <b>6184R1</b>	
Location/Site: <b>LAB</b>		Date Inspected: <b>5/2/2018</b>			
		Was a Hidden Damage Inspection Required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
NDT Specifications and Accept/Reject Criteria: <b>SOPM 20-20-01 MAG PART. INSPECT. ITEM #S 90 &amp; 100</b>					
Description of NDT work requested: <b>WET FLOURECENT MAG BENCH ON SHAFTS</b>					
<input checked="" type="checkbox"/> Aircraft <input type="checkbox"/> Stock	Aircraft Model: <b>N/A</b>	Aircraft Serial: <b>N/A</b>	Aircraft Registration/Tail: <b>N/A</b>	Total Time: <b>N/A</b>	Total Cycles/Landings: <b>N/A</b>
<input type="checkbox"/> Industrial	Part Description: <b>SEE BELOW</b>	Part Serial: <b>N/A</b>	Part Number: <b>SEE BELOW</b>	Heat Number: <b>N/A</b>	
Equipment Model: <b>MACHINE MAGNAFLUX TAQ-1006</b>		Equipment Manufacture: <b>MAGNAFLUX</b>		Equipment S/N: <b>63828</b>	
				Equipment Calibration Date: <b>10/10/2017</b>	
<input checked="" type="checkbox"/> Wet Fluorescent <input type="checkbox"/> Wet Visible <input type="checkbox"/> Dry		Type of Magnetization: <input checked="" type="checkbox"/> AC <input type="checkbox"/> DC <input type="checkbox"/> FW <input type="checkbox"/> HW		Direction/Type of Magnetization: <input type="checkbox"/> Contact <input checked="" type="checkbox"/> Coil	
Duration of Current: <b>5 SEC</b>		Circular Amperage: <b>N/A</b>		Longitudinal Amperage: <b>880</b>	
Light Meter Type: <b>DIX 365</b>		Light Meter S/N: <b>1095679</b>		Extent of Exam: <b>2 HOURS</b>	
Particle Type: <b>MI-GLO 800</b>		Particle Manufacturer: <b>PARTICLES CIRCLE SYSTEMS</b>		UV Light Intensity: <b>3850</b>	
				White Light Intensity: <b>186</b>	
				Particle Part Number: <b>FG-3100</b>	
				Particle Batch Number: <b>20154</b>	
Results of Examination				Quantity	
Surface Area / Component				Accepted	Rejected
PN: 251N4100-2 SHAFT ITEM# 90B WO# Q1719				1	0
PN: 251N4202-1 SHAFT ITEM# 100 WO# Q1719				1	0
PN: 251N4100-2 SHAFT ITEM# 90B WO# Q1720				1	0
PN: 251N4202-1 SHAFT ITEM# 100 WO# Q1720				1	0
NO RELEVANT LINEAR INDICATIONS WERE NOTED ON COMPONENT OR STRUCTURE AT THIS TIME AND DATE.					
THE CUSTOMER WAS ADVISED OF THIS CONDITION.					
R1: REVISED AIRWORTHINESS SELECTION. PLEASE DISREGARD ALL PRIOR VERSIONS OF THIS REPORT.					
Was an additional page needed for comments and/or sketch of part and/or discontinuity? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					

Airworthiness:

☐ Not Applicable

☒ **ACCEPT:** The Aircraft or Component described and marked as accepted on this report has been inspected in accordance with approved and/or acceptable NDT technical data. The NDT inspection was performed by Technicians employed by Apex Inspections and approved for return to service in regards to the NDT performed on the aircraft structure and/or components only.

☐ **REJECT:** The Aircraft or Component described and marked as rejected on this report has been inspected in accordance with approved and/or acceptable NDT technical data. The NDT inspection was performed by Technicians employed by Apex Inspections and denied for return to service in regards to the NDT performed on the aircraft and/or components only.

NDT Technician (Print Name), Qualifications (Specification/Level): <b>ERIC SHAW</b> NAS 410-II	FAA/EASA Certificate Number: <b>X5IR125Y</b>	NDT Technician Signature: 	Date: <b>5/7/2018</b>
NDT Technician (Print Name), Qualifications (Specification/Level): <b>KEITH CALDWELL</b> NAS 410-II	FAA/EASA Certificate Number: <b>N/A</b>	NDT Technician Signature: 	Date: <b>5/7/18</b>

This inspection was completed on a good faith effort and is accepted. Apex, as a contractor, does not warranty the inspection beyond the cost of the inspection. The results of the inspection are based on the opinion of the NDT Technician performing the inspection. Apex will not be held responsible for any liability and/or loss of revenue from this NDT inspection. The condition of the component tested could change after the inspection process has been completed.

When available:

Customer (Print Name):	Customer Signature:	Date:
------------------------	---------------------	-------

Apex Inspections, Incorporated • FAA CR5 X5IR125Y • EASA 145.6775 • ISO/IEC 17025 A2LA 4402.01  
12901 Nicholson Road, Ste. 200, Farmers Branch, Texas 75234 • Tel: 972-418-5672 • www.ApexInspections.com

Form 9.2.1.1 Rev 1 Dec 29, 2017

Jet2.com  
Certified True Copy

17 MAY 2018

