

**AIRCRAFT QUALITY
INSTRUMENTS, INC.**

2649 S. Custer • Wichita, KS 67217
(316) 942-9933 • 1-800-942-9938
Fax (316) 942-9975
FAA CRS: A2QR419J

Work Order

Date	Job Order #
12/27/2001	20802

I	Part Name	Serial #
	Horizon	1894
	Part #	Customer Name
	300-3CFC	Tornado Alley Turbo, Inc.
	Manufacturer	Purchase Order #
	AIM	

Technician	Work Instructions
	<input checked="" type="checkbox"/> OHC <input type="checkbox"/> WARRANTY <input type="checkbox"/> F.T. & CERT. <input type="checkbox"/> IRAN

II	Preliminary Inspection	No app. damage	Inspector	<i>JM</i>
III	Hidden Damage Inspection	Erratic	Inspector	<i>JM</i>
IV	In Process Inspection	Overhaul	Inspector	<i>JM</i>

V	Parts Record	
QTY	Part Number	Item
1	236-0018-901	Rotor
1	610-0002-001	Filter
1	637-0001-001	Bearing
1	637-0002-001	Bearing
2	637-0004-001	Bearing

Function Test

Tested to Specs.

Mechanic: *JM* Date: 1-2-02

VI Final Inspection

The Component identified above was repaired and inspected in accordance with current FAA Regulations and is approved for return to service.

[Signature] 2593254
 Certified Repairman Certificate No.

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Work Order

Date	Job Order #
12/27/2001	20801

I	Part Name	Serial #
	Horizon	T48857
	Part #	Customer Name
	5000B-38	Tornado Alley Turbo, Inc.
	Manufacturer	Purchase Order #
	Sigma Tek	

Technician	Work Instructions
	<input checked="" type="checkbox"/> OHC <input type="checkbox"/> WARRANTY <input type="checkbox"/> F.T. & CERT. <input type="checkbox"/> IRAN

II	Preliminary Inspection	No app. damage	Inspector	<i>[Signature]</i>
III	Hidden Damage Inspection	Erratic	Inspector	<i>[Signature]</i>
IV	In Process Inspection	Overhaul	Inspector	<i>[Signature]</i>

V	Parts Record	
QTY	Part Number	Item
1	1U285-991	Rotor
1	58A091-001	Filter
1	S30006-001	Bearing
1	S30006-002	Bearing
2	S30006-003	Bearing

Function Test

Tested to Specs. Pub. #12-78-1 5000B

Mechanic: *[Signature]* Date: 1-2-02

VI Final Inspection The Component Identified above was repaired and inspected in accordance with current FAA Regulations and is approved for return to service.

[Signature] Certified Repairman 2593754 Certificate No.

AIRCRAFT QUALITY INSTRUMENTS, INC.

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 FAA CRS: A2QR419J

Work Order

Date	Job Order #
12/27/2001	20800

I	Part Name	Serial #
	Directional Gyro	59110D
	Part #	Customer Name
	4000B-12	Tornado Alley Turbo, Inc.
	Manufacturer	Purchase Order #
	Edo-Aire	

Technician	Work Instructions
	<input checked="" type="checkbox"/> OHC <input type="checkbox"/> WARRANTY <input type="checkbox"/> F.T. & CERT. <input type="checkbox"/> IRAN

II	Preliminary Inspection	No app. damage	Inspector	<i>[Signature]</i>
III	Hidden Damage Inspection	Precesses	Inspector	<i>[Signature]</i>
IV	In Process Inspection	Overhaul	Inspector	<i>[Signature]</i>

V Parts Record		
QTY	Part Number	Item
1	1U352-991	Rotor
1	58A091-001	Filter
1	S30005-003	Bearing
2	S30006-003	Bearing
1	S30006-004	Bearing

Function Test

Tested to Specs. Pub. #8-78-1 4000B

Mechanic: *[Signature]* Date: 1-2-02

VI Final Inspection The Component identified above was repaired and inspected in accordance with current FAA Regulations and is approved for return to service.

[Signature] 2593754
 Certified Repairman Certificate No.

**AIRCRAFT QUALITY
INSTRUMENTS, INC.**

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FAA CRS: A2QR419J

Work Order

Date	Job Order #
12/27/2001	20803

I	Part Name	Serial #
	Turn Coordinator	841-67
	Part #	Customer Name
	1394T100-7Z	Tornado Alley Turbo, Inc.
	Manufacturer	Purchase Order #
	EGC	

Technician	Work Instructions
	<input checked="" type="checkbox"/> OHC <input type="checkbox"/> WARRANTY <input type="checkbox"/> F.T. & CERT. <input type="checkbox"/> IRAN

II	Preliminary Inspection	No app. damage	Inspector	<i>[Signature]</i>
III	Hidden Damage Inspection	Noisy	Inspector	<i>[Signature]</i>
IV	In Process Inspection	Overhaul	Inspector	<i>[Signature]</i>

V Parts Record

QTY	Part Number	Item
2	1234152	Brushes
2	1234200-3A	Bearing
1	1274129-1	Rotor
2	1394200-5	Bearing

Function Test

Tested to Specs. Pub. # TSM1394 EGC T/C

Mechanic: *[Signature]* Date: 1-2-02

VI Final Inspection The Component identified above was repaired and inspected in accordance with current FAA Regulations and is approved for return to service.

[Signature] 2593754
Certified Repairman Certificate No.

**AIRCRAFT QUALITY
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FAA CRS: A2QR419J

Work Order

Date	Job Order #
12/27/2001	20804

I	Part Name	Serial #
	Turn & Bank	8158E
	Part #	Customer Name
	52D75-4	Tornado Alley Turbo, Inc.
	Manufacturer	Purchase Order #
	Edo-Aire Mitchell	

Technician	Work Instructions
	<input checked="" type="checkbox"/> OHC <input type="checkbox"/> WARRANTY <input type="checkbox"/> F.T. & CERT. <input type="checkbox"/> IRAN

II	Preliminary Inspection	No app. damage	Inspector	<i>[Signature]</i>
III	Hidden Damage Inspection	Inop.	Inspector	<i>[Signature]</i>
IV	In Process Inspection	Overhaul	Inspector	<i>[Signature]</i>

V Parts Record

QTY	Part Number	Item
1	1B581	Rotor
2	435471	Bearing

Function Test

Tested to Specs. Pub. #68S73 75-4

Mechanic: *[Signature]* **Date:** 1-2-02

VI Final Inspection The Component identified above was repaired and inspected in accordance with current FAA Regulations and is approved for return to service.

[Signature]
Certified Repairman

2593754
Certificate No.

AIRCRAFT QUALITY INSTRUMENTS, INC.
Wichita, Kansas 67217 - U.S.A.
(316) 942-9933

FAA Certificate
No. A2QR419J

Unit Name Allegor
Type 5000B-38
Overhauled By _____
Minor Rep./Alt. Work Order No. _____

Ser. No. 74887
MFG Allegor
Insp. by DL
Repairman _____

If Not overhauled fill out below.
This Unit Tested and Approved for Further Service.

By _____ Date _____

FAA Certificate
No. A2QR419J

AIRCRAFT QUALITY INSTRUMENTS, INC.
Wichita, Kansas 67217 - U.S.A.
(316) 942-9933

Unit Name Direction gyro Ser. No. 591100
Type 4000B-12 MFG Edgewise
Overhauled By _____ Insp. by _____
Minor Rep./Alt. Work Order No. _____
By _____ Repairman _____

If Not overhauled fill out below.
This Unit Tested and Approved for Further Service.

By _____ Date _____

FAA Certificate
No. A2QR419J

AIRCRAFT QUALITY INSTRUMENTS, INC.
Wichita, Kansas 67217 - U.S.A.
(316) 942-9933

Unit Name Holmeson Ser. No. 1894
Type 300-30FC MFG A.J.M.
Overhauled By _____ Insp. by _____
Minor Rep./Alt. Work Order No. _____
By _____ Repairman _____

If Not overhauled fill out below.
This Unit Tested and Approved for Further Service.

By _____ Date _____

FAA Certificate
No. A2QR419J

AIRCRAFT QUALITY INSTRUMENTS, INC.
Wichita, Kansas 67217 - U.S.A.
(316) 942-9933

Unit Name Turn Coordinator Ser. No. 841-67
Type 13947100-72 MFG Edgewise
Overhauled By _____ Insp. by _____
Minor Rep./Alt. Work Order No. _____
By _____ Repairman _____

If Not overhauled fill out below.
This Unit Tested and Approved for Further Service.

By _____ Date _____

FAA Certificate
No. A2QR419J

AIRCRAFT QUALITY INSTRUMENTS, INC.
Wichita, Kansas 67217 - U.S.A.
(316) 942-9933

Unit Name Turn & Bank Ser. No. 81586
Type 52075-4 MFG Edgewise
Overhauled By _____ Insp. by _____
Minor Rep./Alt. Work Order No. _____
By _____ Repairman _____

If Not overhauled fill out below.
This Unit Tested and Approved for Further Service.

By _____ Date _____

TACH SCALE CORRECTION CARD

Instr. PN: 01-12-5925
Serial No.: 13922
Power Setting Indication
500 RPM 400
1000 RPM 1025
1500 RPM 1510
2000 RPM 2000
2500 RPM 2490
3000 RPM 2990
3500 RPM 3600

Inspector KS Date 11-15-01

1. Country - Pays CANADA		2. Transport Canada / Transports Canada		3. Form / Formula 24-0078		4. Revision / Révision (YYMMDD-XXN) 011207-503	
5. Operation - Opération INSIGHT INSTRUMENTS CORPORATION, 599 INDUSTRIAL DRIVE FORT ERIE, ONTARIO, CANADA, L2A 5M1						6. Work Order/Contract - No. de commande/contrat Advanced Aviation Services	
7. Description 42-90		8. Part No. - No de pièce SF 2000-021-009		9. Eligibility - Admissibilité TSO-C110a Various		10. Qty - Qté 1	
11. Remarks - Remarques Replaced C26, C27, D15, D7, L4 Updated to Mod D Tested, Burn-in, Cycle 24 hrs		12. Serial No. - Numéro 001769		13. Status - État Repaired			
14. New Parts - Nouvelles pièces Certifies that the part(s) identified above except as otherwise specified in block 13 has (have) been manufactured in accordance with the applicable design data and with the applicable requirements of the source country.		15. Approved Part No. - No de certification 42-90		16. Part(s) - Pièce(s) exemplar Certifies that the work specified above, except as otherwise specified in block 13, was carried out in accordance with Chapter 571 of the Airworthiness Manual, and in respect of that work, the part(s) listed considered ready for release to service.		17. Approved Part No. - No de certification 42-90	
18. Signature JACQUELINE LANGER		19. Date Dec. 7/01		20. Authorized Signature VIC HARRIS		21. Certificate Number YV4R688M	

INSTALLER RESPONSIBILITIES
 It is important to understand that the existence of this document does not automatically constitute authority to broker the performance of the work.
 Where the manufacturer's instructions for the installation of an Airworthiness Authority approved part have the Airworthiness Authority of the country specified in block 1, it is essential that the installer comply with the applicable requirements of that authority.
 Sections 14 and 15 do not constitute performance certification. In all cases the special approval requirements issued must contain a maintenance certificate condition (where applicable) in accordance with the national regulations of the country of origin of the part to be fitted.
 (Section 14-15)

RESPONSABILITÉS DE L'INSTALLATEUR
 Il est important de bien comprendre que, de par son existence, ce document ne constitue pas forcément l'autorisation de réaliser les performances prévues.
 Lorsque les instructions de montage d'une pièce approuvée par l'autorité de l'État ont pour destination le pays dont le numéro est inscrit à la case 1, il est essentiel que l'installateur s'assure que son travail est conforme aux prescriptions applicables de l'autorité de l'État.
 Les sections 14 et 15 ne constituent pas une certification de montage. Dans tous les cas, les conditions particulières de l'autorité de l'État doivent contenir une condition de maintenance (le cas échéant) en conformité avec les règlements nationaux, par l'intermédiaire du fabricant ou du fournisseur de la pièce.

1. United States		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation • Federal Aviation Administration				3. System Tracking Ref. No. AA36168	
4. Organization Aero Accessories, Inc. 1240 Springwood Avenue Gibsonville, NC 27249				5. Work Order, Contract, or Invoice Number: 36168			
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch Number	12. Status/Work	
1	Airborne Dry Air Pump	212CU	TBV By Installer	1	08972	Newly Overhauled	
13. Remarks Overhauled & Tested in accordance with FAA Process Specification 203-6-1009							
Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.							
14. <input type="checkbox"/> New <input checked="" type="checkbox"/> Newly Overhauled				19. Return to Service in Accordance with FAR 43.1			
Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.				Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA Airworthiness regulations and in respect to the work performed the part(s) were approved for return to service.			
15. Signature		16. FAA Authorization No.:		20. Authorized Signature VIC HARRIS		21. Certificate Number YV4R688M	
17. Name (Typed or Printed):		18. Date		22. Name (Typed or Printed) VIC HARRIS		23. Date 7-2301	