



Bill to:

Longtail Aviation International, Ltd.

Repair Station No. BDA/AMO/241

6 Southside Road

St George Parish DD03 Bermuda

Email: gndops@longtailaviation.bm

P/O No.: 31469

Date: 1/21/2014

Ship Method:

Est. Arrival:

Terms:

Contact: Mr. Campbell

Issued By: Jessica Bowers

RMA No.:

PURCHASE ORDER (OSR)

Ship to:

Longtail Aviation International, Ltd.
6 Southside Road
St George Parish DD03 Bermuda

Vendor:

AppliedAerodynamics
2265 Valley Branch Lane
DALLAS, TX 75234

Description of Work	Part Number	Destination	Labor Charge	Parts Charge
Serial: BZ160 PLEASE EVALUATE MOISTURE AND TRANSMISSIVITY OF RADOME/NOSECONE DASSAULT P/N FGFB208B1 S/N BZ160.	FGFB208B1	W/O No. 0487-01-2014, Item 57 (A/C Serial: 087, A/C Reg. Number: VQ-BZZ)	750.00	0.00

PLEASE CONSIDER THIS AS AOG
AS WE NEED IT BACK ASAP.
WE WILL DELIVER THE RADOME TO
YOUR FARMERS BRANCH FACILITY
LATE MONDAY.
Part Desc: NOSECONE ASSEMBLY

Total Labor:	\$750.00
Total Parts:	\$0.00
Total Shipping (In, Out, General):	\$0.00
Tax:	\$0.00
Total Amount:	\$750.00

Signature



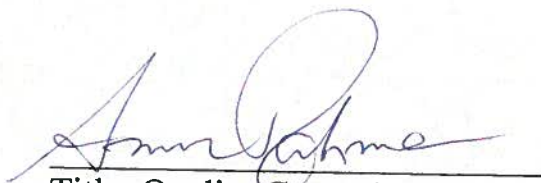
9031469

Certificate of Conformance

Date: 1/21/2014
PO: 31469
S/N: BZ160
Quantity: 1
PN# FGFB208B1

AAI-103 Section 10
RTCA/DO-213 June 23, 1995

We hereby certify that the above listed part under our work order number 038169 was Checked for Moisture and Transmissivity Tested in accordance with specifications as listed in your Purchase Order. Documentation supporting this certification is on file and available for review.



A handwritten signature in blue ink, appearing to read "Anne Rahme", is written over a horizontal line. Below the line, the text "Title: Quality Control Inspector" is printed.

Title: Quality Control Inspector

Applied Aerodynamics, Inc.

2265 Valley Branch Lane
Dallas TX 75234
Tel: 972.620.2100
Office Fax: 972.620.6008

www.appliedaero.com
Repair Station: EUWR225L
Sales Fax: 972.620.4319
Purchasing Fax: 972.406.9302
75-2454340

CUSTOMER QUOTATION



Cust P.O. 31469		Work Order No. 038169		Pg: 1
For : Account No. [LONGTAIL AVI]		Ship To :		
Longtail Aviation International, Ltd Attn: Mr. ART GARCIA Southside Road St Geroge Parrish DD03 BERMUDA Tel. : 972-955-7868		Longtail Aviation International, Ltd Southside Road St Geroge Parrish DD03 BERMUDA		
Your P.O. No. : 31469				
PartNumber : FGFB208B1				
Description : RADOME				
Serial No. : BZ160				
Qty : 1.00				
UM : EA				
Cond : RP				
		Ship Via : PICK UP		
S.O. No. : 029645		Line No. : 1		F.O.B. : ORIGIN
Terms : C.O.D				
Our Contact : Kelly Ward				
Charges & Description		Qty	Cond	Unit Price UM
W/O Flat Rate Charge : RADOME		1.00	EA RP	
PARTS & MATERIALS				Ext. Price
Cleaned and inspected unit. No moisture found, trans test performed.				
Charge - \$750.00				
We appreciate your business!				
Should you have any questions or comments about this quote or the repair of your component, please contact:				
PLEASE GIVE US APPROVAL TO COMPLETE THIS WORK BY SIGNING AND RETURNING THIS QUOTE TO FAX #972-620-4319				
AAI takes great care to ensure that all quotes are accurate but they are subject to change if hidden damage is found during the repair process. The projected ship date is our best estimate at the time of quoting, we will inform you of any changes.				
Customer Approval: _____ Date: _____				
		Continued on next page...		

2265 Valley Branch Lane
Dallas TX 75234
Tel: 972.620.2100
Office Fax: 972.620.6008

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Purchasing Fax: 972.406.9302
75-2454340

Repair No. 038169 / Page : 2

Charges & Description	Qty	Cond	Unit Price UM	Ext. Price
Gianina McMullan Tel: (214) 393-7784 Fax: (972) 620-4319 E-Mail: gmcnullan@aerodyn.com				

Sub Total:	\$ 750.00
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PLEASE GIVE US APPROVAL TO COMPLETE THIS WORK BY SIGNING AND RETURNING
THIS QUOTE TO FAX #972-620-4319

AAI takes great care to ensure that all quotes are accurate but they are subject to change if hidden damage is found during the repair process.

The projected ship date is our best estimate at the time of quoting, we will inform you of any changes.

Customer Approval: _____ Date: _____

Earl Baxley, SHIPPING

Total:	[USD]	\$ 750.00
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M Campbell@aernd

W0 #0487-01-2014 #57

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: DAS - ILG 10916	
4. Organization Name and Address: Dassault Falcon Jet-Wilmington Corp. New Castle Airport, 191 North Dupont Highway, New Castle, DE 19720			5. Work Order/Contract/Invoice Number: 01-30027		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:
1	NOSE CONE	FGFB 208 B1	N/A	1	BZ 165
12. Status/Work: REPAIRED					
13. Remarks: Removed erosion boot, diverter strips, and all paint and primer IAW F900 MM 20-60-00-150-801 (07/12). Replaced lightning arrester strips (16180) IAW F900 MM 53-11-33-960-801 (03/12). Prepped, primed, and painted IAW MM 20-60-00-370-802 (05/12). Replaced erosion boot (PM-103) IAW manufacturers instructions. RO #049254					
Certifies work specified in Blocks 12/13 was carried out in accordance with EASA Part 145 and with respect to that work, the component(s) is/are considered ready for release to service under EASA part 145 Approval Number EASA 145.4180					
14. Certifies the items identified above were manufactured in conformity to:					
☐ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13 ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.					
15. Authorized Signature:		16. Approval/Authorization No.:		21. Approval/Certificate No.:	
				CRS# QU2R122L	
17. Name (Typed or Printed):		18. Date (m d y):		23. Date (m d y):	
				Dec 18 2012	
User/Installer Responsibilities					
It is important to understand that the existence of this Document alone does not automatically constitute authority to install part/component/assembly.					
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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 14 and 19 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.					

1. 国家 Country CHINA		2. 中国民用航空总局 CAAC ☐ 符合性 Conformity ☒ 适航性 Airworthiness 批准放行证书/适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG			3. 证书编号 Certificate Ref. No. 10916	
4. 单位 Organization Dassault Falcon Jet-Wilmington Corp. New Castle Airport, 191 North Dupont Highway, New Castle, DE 19720		5. 工作单/合同单/货单 Work Order/Contract/Invoice 01-30027				
6. 序号 Item	7. 内容 Description	8. 件号 Part No.	9. 适用性 Eligibility	10. 数量 Qty	11. 系列号/批号 Serial/Batch No.	12. 产品状态 Status/Work
1	NOSE CONE	FGFB 208 B1	APPLICABLE TO MULTIPLE TYPES	1	BZ 165	REPAIRED
13. 备注 Remarks Removed erosion boot, diverter strips, and all paint and primer IAW F900 MM 20-60-00-150-801 (07/12). Replaced lightning arrester strips (16180) IAW F900 MM 53-11-33-960-801 (03/12). Prepped, primed, and painted IAW MM 20-60-00-370-802 (05/12). Replaced erosion boot (PM-103) IAW manufacturers instructions. RO #049254						
14. 新产品 New Parts 兹声明上述产品除第13项的其它规定以外，已按照上述国家适航条例进行制造/检查，并且该产品（出口产品）符合批准的型号设计资料和进口国提出的专用要求。 Certifies that the Part(s) identified above except as otherwise specified in block 13 was(were) manufactured/inspected in accordance with the airworthiness regulations of the stated country and in the case of parts to be exported with the approved design data in accordance with the notified special requirements of the importing country.		15. 使用过的产品 Used Parts 兹声明上述产品除第13项的其它规定以外，已按照上述国家适航条例和进口国通知的特殊要求进行了工作，该产品处于安全可用状态可以批准放行使用。 Certifies that the work specified above except as specified in block 13 was carried out in accordance with the airworthiness regulations of the stated country and the notified special requirements of the importing country and in respect to that work, the part(s) is (are) in condition for safe operation and considered ready for release to service. (over)				
16. 批准人签名 Signature 		18. 批准日期 Date Dec 18 2012		19. 中国民航总局授权 Issued by or on behalf of the CAAC F00100516		
17. 批准人姓名 (打印的) Name(Printed) Maria O'Bara						

AAC-038(12/94)

*参阅产品目录详细查找适用性

Cross-check eligibility for more details with parts catalogue

1. Approving Civil Aviation Authority/Country FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 2RU6A0001001001
4. Organization Name and Address: Duncan Aviation/3701 Aviation Road/Lincoln, NE 68524 JGVR194F		5. Work Order/Contract/Invoice Number: 2RU6A
6. Item: SEND IN RADOME	7. Description: FGFB208A4	8. Part Number: 1
9. Quantity: 1	10. Serial Number: BZ165	11. Status/Work: Repaired

Customer: LONGTAIL AVIATION INTERNATIONAL
Send in radome. Radar is giving ghost returns in flight.

Sanded, prepped and painted radome using Sherwin Williams Jet Glo Matterhorn White (570-535). Laid out, masked, prepped and painted stripes on radome using Dupont Medium Blue (L0435ES), Dupont Sky Blue (P2329ES), Dupont Marlin Blue (P2311ES), and Sherwin Williams Acry Glo Fighter Blue (W07445). Prepped and applied a new vinyl radome boot P/N PM-100. All masking was removed after painting. All paint and erosion boot application was performed I.A.W. the Duncan Aviation Paint Shop S.O.P. AP-34-002-96.

Performed the post paint P-Static check of radome in accordance with Dayton-Granger Doc. #17500-40, Rev. F, dated January 28, 2009. No Discrepancies noted.

Duncan Aviation certifies that the work specified in Blocks 11 and 12 was performed IAW EASA Implementation Rule part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.4392. Certificate Numbers BDA/AMO/114. JGVR194F.

Technician: Kelly J Werth

Approval for return to service

See attached parts list

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 regulations 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: 	13c. Approval Authorization No.:	14b. Authorized Signature: <i>Richard D Novacek</i> DUNCAN QI 523	14c. Approval/Certificate No.: JGVR194F
13d. Name (Type or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Type or Printed): Richard D Novacek	14e. Date (dd/mm/yyyy): 01 Feb 2014

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

If 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 the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in blocks 13a and 14a do not constitute installations 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)

* Installer must cross-check eligibility with applicable technical data.

NSN-0052-00-012-9005



Ship Date 10/21/2013

Bill To

Duncan Aviation
Accounts Payable
PO Box 81887
Lincoln Municipal Airport
Lincoln NE 68501-1887

P.M. Research, Inc. hereby certifies that the items shipped on our Invoice No. INV469542 , per your purchase order number S70355, do conform in all respect to the P.M. Research Inc. drawing numbers listed below.

Please note: P.M. Research, Inc. protective masks are designed to fit specific radomes or leading edge shapes. We take no responsibility for determining which radome or leading edge shape you may have that you wish this ordered item to fit. Likewise we take no responsibility for variations in radome or leading edge shape due to repairs, alterations or inconsistencies in radome or leading edge shape manufacturing.

• Kenneth E Lineman

Quality Control Inspector

Signed _____

Date: 10/21/2013



Small Radome Test Data

EL	-60	-40	-20	0	+20	+40	+60
+20		59.57%	64.57%	55.85%	64.86%	66.83%	
+10		61.24%	65.01%	52.72%	54.70%	66.53%	
0		66.07%	61.09%	63.24%	65.31%	54.20%	
-10		63.39%	58.48%	59.02%	59.98%	66.53%	
-20		68.39%	72.28%	51.29%	68.39%	65.16%	

Average= 62.19%
 Individual Minimum= 51.29%
 Before 0,0= 3
 After 0,0= 3
 Customer: LONGTAIL AVI
 WO #: 38169
 Date(m,d,y): 1/21/2014
 Part Number: FGFB208B1
 Serial Number : BZ160

Class F Radome

Classifications		
	Minimum Average	Individual Minimum Value
A	90%	85%
B	87%	82%
C	84%	78%
D	80%	75%
E	70%	55%

INSPECTION DISCREPANCY REPORT - IDR

P/N: FGFB208B1

DESCP: RADOME

S/N: 0160

WO: 038169

Item	Initiated By & Date	Mechanic & Date	Supervisor & Date	Date	Inspector
1	AAI Accept 10 1-20-13	AAI Accept 3 1-20-14	AAI Accept 3 1-20-14	1-2-14	AAI Accept 3 1-2-14

Discrepancy: PLEASE EVALUATE MOISTURE & TRANSMISSIVITY.

				Engineering request AAI-023. Required	Check One Yes No	
					X	

Corrective Action: No moisture. Tested IAW AAI-103 section 10. AAI
Accept 3
1-2-14

Item	Initiated By & Date	Mechanic & Date	Supervisor & Date	Date	Inspector
2	AAI Accept 10 1-20-13	AAI Accept 3 1-21-14	AAI Accept 3 1-21-14	1-21-14	

Discrepancy: Trans test per RTCA-DO/213

				Engineering request AAI-023. Required	Check One Yes No	

Corrective Action: Tested with Accordance with RTCA /DO-213 6-23-95
Avg 62 min 51 Class F AAI
Accept 3
1-21-14

Applied Aerodynamics, Inc.

2265 Valley Branch Lane
Dallas TX 75234
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Purchasing Fax: 972.406.9302
75-2454340

PACKING SLIP

Print Date : Jan-22-2014 1:07:08 PM

Printed By : ERB Print No. : 1

No. 038614

Pg: 1 of 1

Ship To :

Longtail Aviation International, Ltd
Southside Road
St Geroge Parrish DD03
BERMUDA

For : Account No. [LONGTAIL AVI]

Longtail Aviation International, Ltd
Attn: Mr. ART GARCIA
Southside Road
St Geroge Parrish DD03
BERMUDA
Tel. : 972-955-7868

W/O No. : 038169	Our W.O. # : 038169	Domestic AWB : Customer Pick Up
Cust P.O. : 31469	Your Ref # :	Int'l AWB : Art Garcia
Picked On : Jan-21-2014	Project :	Origin :
Shipped On : Jan-21-2014	Contract :	Transport :
Ship Via : PICK UP	Lic No. :	Nationality:
F.O.B. : ORIGIN	Expires :	Trip/Flight:
Terms : C.O.D		
Our Contact : Kelly Ward		

Li	P/N & Description	Cnd	Ordered	Qty Shipped	Back Order	Packaging
	FGFB208B1  RADOME Original Work Order: 038169 UID: 217126  Serial No.: BZ160	RP	1.00	1.00 EA	0.00	

By:

I Baxley, SHIPPING

right (c) PENTAGON 2000 Software, Inc.

REV A 6/7/2001 - AAI FORM SHP-002

ORIGINAL