## **MINI PACK**

# **AJW**

#### Model

TRENT 700 COWL, NOSE, FULLY EQUIPPED (A330)

#### **Part Number**

SJ30820

#### Serial number

SBB/RR/T700/1302

#### Condition

**MODIFIED** 

In accordance with RB211-71-H847/RB211-71-H205 Complied with EASA AD 2016-0086R1/EASA AD 2011

TSN 64072.60 CSN 8838

#### Trace to

XL Airways France

#### Tag by

**BOMBARDIER** 

#### Tag date

01/NOV/2018

#### Location

AJW Group The Headquarters, Maydwell Avenue, Slinfold, West Sussex, RH13 0AS, United Kingdom

#### Additional details

For additional details on this unit please contact:

Mike Dean | mike.dean@ajw-group.com

Conrad Vandersluis | conrad@ajw-group.com



# AIRWORTHY CERTIFICATE

1. Approving Competent Authority / Country

CIVIL AVIATION AUTHORITY UNITED KINGDOM

# AUTHORISED RELEASE CERTIFICATE EASA FORM 1

3. Form Tracking Number

RS000030086815-1

4. Organisation Name and Address:

#### **BOMBARDIER**

SHORT BROTHERS PLC

t/a Bombardier Aerospace, Airport Road Belfast, BT3 9DZ, NI

Tel:44 (0) 28 9045 8444 Fax:44 (0) 28 9046 2650

VAT Reg No : GB 251 8899 20

5. Work Order / Contract / Invoice

30086815

6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status/Work
1	COWL,NOSE,FULLY EQUIPPED	\$J30820	ONE	SB/RR/T700/1302	MODIFIED

#### 12. Remarks :

•MODIFIED IN ACCORDANCE WITH RB211-71-H847 DATED DEC 2/14 & RB211-71-H205 DATED JUL 7/14, RB211-71-021 PART A DATED APR 27/17 CARRIED OUT.

•EASA AD 2016-0086R1 & EASA AD 2011-0173R1 BOTH COMPLIED WITH. ORIGINAL P/N SJ30361. TSN:64072.60 & CSN:8838.

Date

01/NOV/2018

The work identified in Block 11 and described here in has been accomplished in accordance with 14 CFR part 43 and in respect to that work, the items are approved for return to service under FAA certificate no. S26Y126N.

Q10406

Name/Signature

For Short Brothers Plc

13a. Certifies that the items identified above were manu  Approved design data and are in condition for safe  Non-approved design data-specified in block 12		14a X PART-145.A.50 Release to Service X 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 Part-145 and in respect to that work the items are considered ready for release to service.					
13b. Authorised Signature	13c. Approval / Authorisation Number UK.21G.2067	14b. Authorised Signature Q10406	14c. Approval Reference Number: UK.145.00338				
13d. Name	13e. Date (dd mmm yyyy)	14d. Name COLIN JEFFERS	14e. Date (dd mmm yyyy) 01/NOV/2018				

#### USFR/INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the item(s).

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

Statements 13a and 14a do not constitute installation certification. In all cases the 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.

EASA Form 1-MF/145 - Issue 2

1 国家 Country □适航性 Airworthiness 3 证书编号 2. 中国民用航空总局 CAAC □符合性 Conformity Certificate Ref. No. 批准放行证书/适航批准标签 Peoples Republic of China RS000030086815-1 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG 5 工作单/合同单/货单 4 单位 Organization Work Order/Contract/Invoice 30086815 Short Brothers Plc, Airport Road, Belfast, BT3 9DZ, Northern Ireland. United Kingdom CAAC MOC F04400482 6 序号 8 件号 9 适用性 12 产品状态 7 内容 10 数量 11 系列号/批号 Eligibility Serial/Batch No. Status/Work Item Description Part No. Qty 1 **MODIFIED** 1 NOSECOWL, SJ30820 N/A SB/RR/T700/1302 **FULLY EQUIPPED** 

#### 13 备注 Remarks

- •MODIFIED IN ACCORDANCE WITH RB211-71-H847 DATED DEC 2/14 & RB211-71-H205 DATED JUL 7/14. RB211-71-021 PART A DATED APR 27/17 CARRIED OUT.
- •CAAC AD CAD2011-A330-03R1 AND CAD2011-A330-021R1 COMPLIED WITH. ORIGINAL P/N SJ30361. TSN:64072.60 & CSN:8838.

#### 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)符合经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/or in the case of parts to be exported with the approved design data and with the notified special requirements of the importing country.

16 批准人签名

March

18 批准日期

Date 01 NOV 2018

17 批准人姓名(打印的)

Name (Printed)

Signature

ROBERT MARKHAM Q10751B

#### 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)

19 中国民航总局授权

Issued by or on behalf of the CAAC

F04400482

#### 批准放行证书/适航批准标签

#### AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG

#### 使用者/安装者职责

#### USER/INSTALLER RESPONSIBILITIES

- (1) 必须明确:本文件并不批准零件/组件/部件可以装到有关产品上。
- (2) 当使用者/安装者使用的是所在国适航当局的条例,而不是本表第 1 项中所指国家适航当局的条例时,使用者/安装者必须保证所在 国的适航当局能接受所指国家适航当局批准出口的零件/组件/部件。
- (3) 表中第 14 项、第 15 项的陈述,并不说明本表是安装批准。在所有情况下,航空器使用前,航空器使用者/安装者应把按本国适航条例颁发的安装批准放入维修记录中。
- (1) It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
- (2) Where the user/installer works 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 ensure that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.
- (3) Statements 14 and 15 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.

# LAST OPERATOR NON-INCIDENT STATEMENT



#### **ENGINE NON ACCIDENT STATEMENT**

Operator: XL Airways France

Nose Cowl Part Number: SJ30361

Nose Cowl Serial Number: 1302

TSN/CSN: 64072,60 Hours / 8838 Cycles

Date of removal: MARCH- 2018

Subject: Non Accident Statement

To whom it may concern,

As per the analysis of the documentation on and further evidence of the traceability, this statement is to certify that, during operations for XL Airways France, from the 09<sup>th</sup> December 2004 to 20<sup>th</sup> February 2018, the above referenced Nose Cowl was not involved in any aircraft accident or fire and was not subjected to severe stress or heat or immersed in salt water. This statement further certifies that no part was obtained from any Government or Military or Unapproved Source.

Technical Data and Documentation Approved by:

NAME:

Jean-Pierre FACHINETTI

Title:

XL Airways France - VP Maintenance & Engineering

Date

Signature:

20 - FEBRUARY - 2013



# BOMBARDIER 2018 WORK SHOP REPORT

Receipt Bay (Plant 4008)
Bombardier Aerostructure & Services
229-333 Doagh Road
Northern Ireland BT36 6XA
+44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

Page 1 of 80

Work Order Numbers 30086815	:	<b>Service</b> 30086		er Number:	Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED		Part Number: SJ30361	Serial Number: SB/RR/T700/1302				
DISCREPANCY/TAS Unserviceable, to be r TSN: 64072,60 CSN: 8838 CERT: DUAL (EASA	epaired a	·		·	·				
Operation Number 0010	Badge	ID 1	Badge	e ID 2			Work Center 1AGNAS		
Operation Text Unservicable - to be re	epaired a	nd put ii	n						
Operation Number 0200	Badge	ID 1	Badge	e ID 2			Work Center 1AGNAS		
Operation Text  QA confirmation for S	urvey								
Operation Number 0300	Badge	ID 1	Badge	e ID 2			Work Center 1AGNAS		
Operation Text Confirmation for Engire	neering								
Operation Number 0400	Badge	ID 1	Badge	e ID 2			Work Center 1AGNAS		
Operation Text Operation Strip for Su	rvey								
Operation Number 0410	Badge B04604		Badge	e ID 2			Work Center 1AGNAS		
UTILISED AS A SHO 64072:60 CSN: 8838 RELEASE REQUIRE	RTS ROT B. BELFA D AND CA	ABLE. ST CUS AAC RE	REF: STOMI LEASI	RE1253. A NON ER SERVICES AI E IF POSSIBLE.	RVICES ADVISE UNIT IS INCIDENT STATEMENT I DVISE UPGRADE TO SJ3	HAS BEEN S	SUPPLIED. TSN:		
Incorporated from	m Order	03008	86815-	-01 - 0010 -					
Operation Number 0420	Badge B04604		Badge	e ID 2			Work Center 1AGNAS		
Operation Text IDENT DETAILS CON Incorporated from					SERIAL NUMBER SB/RR/	Г700/1302.			

Insp. by

**Date** 060416 26/SEP/2018 16:05:10

Time

# Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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			` '					
Work Order Number 30086815	:	<b>Service Ord</b> 30086815	der Number:	Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part Number: SJ30361	•	Serial Number: SB/RR/T700/1302			
Operation Number 0430	Badge B04604		je ID 2		Work Center 1AGNAS			
Operation Text VERIFIED SHORT BI ISSUE DATE 27 JUN Incorporated from	2017.			TY LISTING LINE ITEM 42	REFERENCE REVISION 14			
Operation Number 0440	Badge B04604	ID 1 Badg	je ID 2		Work Center 1AGNAS			
Operation Text  MOD'S RECORDED:- 71-B158, 71-C496, 73-C975, 73-C915, 71-B161, 71-C500, 71-D065, 73-D242, 71-E049, 71-C495, 71-C667, 71-D069, 73-D597, RB211-NAC-71-008, RB211-NAC-71-011, RB211-NAC-71-012, FRSZ025.  Incorporated from Order 030086815-01 - 0040 -								
Operation Number 0450	Badge B04604	ID 1 Badg	je ID 2		Work Center 1AGNAS			
Operation Text AIRWORTHINESS D					ASA AD NO:2011-0173R1 & EAS 7 IS THE CLOSING ACTION FO			
Incorporated fro	m Order	030086815	-01 - 0050 -					
Operation Number 0460	Badge B04604		je ID 2		Work Center 1AGNAS			
Operation Text CSRSCH9001 REV D FURTHER INSPECTI Incorporated from	ION.			DOWN TO FACILITATE N	MODIFICATIONS AND FOR			
Operation Number 0460-0010	Badge		je ID 2		Work Center 1AGNAS			
Operation Text Perform Work Instruc CSRSCH9001 REV D			-01 - 0060 -	0010	•			

#### Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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Work Order Number 30086815				Aircraft Model : Nacelle TRENT					
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part Number: SJ30361			Serial Number: SB/RR/T700/1302			
Operation Number 0460-0011	Badge	ID 1 B	Badge ID 2	dge ID 2 Work Center 1AGNAS					
Operation Text INSP TC 1 - P3									
Incorporated from	m Order	030086	815-01 - 0060 - 0	0011	i				
Insp. by Date Time									
060416 26/SEP/2018 16:05:10									
Operation Number 0460-0012	Badge	ID1 B	Badge ID 2			Work Center 1AGNAS			
Operation Text INSP TC 2 - P5									
Incorporated from Order 030086815-01 - 0060 - 0012 N/A NEW BARREL ASSY.									
Insp. by Date	Tim	е							
060416 26/SEP/2018 16:05:28									
Operation Number 0460-0013	Badge		Badge ID 2			Work Center 1AGNAS			
0460-0013  Operation Text  OPS TC 3 - P7		ID1 B		2012					
0460-0013  Operation Text OPS TC 3 - P7  Incorporated from	m Order	ID 1 B	815-01 - 0060 - (						
Operation Text OPS TC 3 - P7 Incorporated from Insp. by Date	m Order Tim	030086 e	815-01 - 0060 - 0	Time					
0460-0013  Operation Text OPS TC 3 - P7  Incorporated from	m Order Tim	030086 e	815-01 - 0060 - 0						
O460-0013  Operation Text OPS TC 3 - P7  Incorporated from Insp. by Date  060416 26/SEP/201  Operation Number	m Order Tim 8 16:06:0	030086 e	815-01 - 0060 - 0  Perf. by Date  068082 17/MAY/20	Time		1AGNAS  Work Center			
O460-0013  Operation Text OPS TC 3 - P7  Incorporated from Insp. by Date 060416 26/SEP/201  Operation Number 0460-0014  Operation Text	m Order Tim 8 16:06:0 Badge	030086 e 95 ID 1 B	815-01 - 0060 - 0 Perf. by Date 068082 17/MAY/20 Badge ID 2	<b>Time</b> 18 07:54:00		1AGNAS  Work Center			
O460-0013 Operation Text OPS TC 3 - P7 Incorporated from Insp. by Date 060416 26/SEP/201 Operation Number 0460-0014 Operation Text INSP TC 3 - P7 Incorporated from Insp. by Date	m Order Tim 8 16:06:0 Badge m Order Tim	030086 e 95 ID 1 B	815-01 - 0060 - 0 Perf. by Date 068082 17/MAY/20 Badge ID 2	<b>Time</b> 18 07:54:00		1AGNAS  Work Center			
O460-0013  Operation Text OPS TC 3 - P7  Incorporated from Insp. by Date 060416 26/SEP/201  Operation Number 0460-0014  Operation Text INSP TC 3 - P7  Incorporated from Incorporated from Incorporated from Incorporated from Incorporated from Incorporated from Incorporated Incorp	m Order Tim 8 16:06:0 Badge m Order Tim	030086 e 95 ID 1 B	815-01 - 0060 - 0 Perf. by Date 068082 17/MAY/20 Badge ID 2	<b>Time</b> 18 07:54:00		1AGNAS  Work Center			
O460-0013 Operation Text OPS TC 3 - P7 Incorporated from Insp. by Date 060416 26/SEP/201 Operation Number 0460-0014 Operation Text INSP TC 3 - P7 Incorporated from Insp. by Date	m Order Tim 8 16:06:0 Badge m Order Tim	030086 e 05 ID 1 B	815-01 - 0060 - 0 Perf. by Date 068082 17/MAY/20 Badge ID 2	<b>Time</b> 18 07:54:00		1AGNAS  Work Center			
O460-0013 Operation Text OPS TC 3 - P7 Incorporated from Insp. by Date 060416 26/SEP/201 Operation Number 0460-0014 Operation Text INSP TC 3 - P7 Incorporated from Insp. by Date 060416 26/SEP/201 Operation Number 0460-0015 Operation Text OPS TC 4 - P9	m Order Tim 8 16:06:0 Badge  m Order Tim 8 16:06:0 Badge	030086 e 05 ID 1 B 030086 e	815-01 - 0060 - 0 Perf. by Date 068082 17/MAY/20 Badge ID 2	Time 18 07:54:00		Work Center 1AGNAS  Work Center			

#### Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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Work Order Number: 30086815	<b>Service O</b> 30086815	der Number:	Aircraft Model : Nacelle TRENT	
Nomenclature: COWL, NOSE, FULLY EQUI	PPED	Part Number: SJ30361	Serial Number: SB/RR/T700/1302	
Insp. by Date Ti	me Po	erf. by Date	Time	
060416 26/SEP/2018 16:06	:05 06	88082 17/MAY/20	018 07:54:01	
Operation Number 0460-0016 Badge	Work Center 1AGNAS			
Operation Text INSP TC 4 - P9				
Incorporated from Orde	r 03008681	5-01 - 0060 -	0016	
<del>- ' '</del>	me			
060416 26/SEP/2018 16:06	:05			
Operation Number 0460-0017	e ID 1 Bad	ge ID 2		Work Center 1AGNAS
Operation Text OPS TC 5 - P11				
Incorporated from Orde	r 03008681	5-01 - 0060 -	0017	
Insp. by Date Tit	me Po	erf. by Date	Time	
060416 26/SEP/2018 16:06	5:05	88082 17/MAY/20	)18 07:54:01	
Operation Number 0460-0018 Badge	e ID 1 Bad	ge ID 2		Work Center 1AGNAS
Operation Text INSP TC 5 - P11				
Incorporated from Orde	r 03008681	5-01 - 0060 -	0018	
Insp. by Date Ti	me			
060416 26/SEP/2018 16:06	:05			
Operation Number 0460-0019 Badge	e ID 1 Bad	ge ID 2		Work Center 1AGNAS
Operation Text OPS TC 6 - P13				
Incorporated from Orde Insp. by Date Ti	r 03008681		0010	
Insp. by Date Ti		5-01 - 0060 - ( erf. by Date	Time	

#### Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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Work Order Number 30086815			<b>Order Num</b> k 15	oer:	Aircraft Model : Nacelle TRENT					
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part Nui SJ30361				Serial Number: SB/RR/T700/1302			
Operation Number 0460-0020	Badge	ID 1 B	adge ID 2				Work Center 1AGNAS	r		
Operation Text INSP TC 6 - P13										
Incorporated from Order 030086815-01 - 0060 - 0020										
Insp. by Date	Tim	е								
060416 26/SEP/201	8 16:06:0	)5								
Operation Number 0460-0021	Badge	ID 1 B	adge ID 2				Work Center	r		
Operation Text OPS TC 7 - P15  Incorporated from Order 030086815-01 - 0060 - 0021										
Insp. by Date	Tim		Perf. by	Date	Time	1				
060416 26/SEP/201					18 07:54:01					
Operation Number 0460-0022	Badge		adge ID 2	71017 (1720	10 07.04.01		Work Center	r		
Operation Text INSP TC 7 - P15										
Incorporated from	m Order	030086	815-01 - 0	060 - 0	022	1				
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060416 26/SEP/201	8 16:06:0	5								
Operation Number 0460-0023	Badge	ID1 B	adge ID 2				Work Center 1AGNAS	r		
Operation Text INSP TC 8 - P17										
Incorporated from	m Order	030086	815-01 - 0	060 - 0	023	_				
Insp. by Date	Tim	е								
060416 26/SEP/201	8 16:06:0	5								
Operation Number 0460-0024	Badge	ID 1 B	adge ID 2				Work Center 1AGNAS	r		
Operation Text OPS TC 9 - P19										
Incorporated from Order 030086815-01 - 0060 - 0024										
Insp. by Date	Tim	е	Perf. by	Date	Time					

#### Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

## SERVICE ORDER OPERATIONS LOG

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Work Order Number 30086815	:	<b>Service</b> 3008681	Order Num	ıber:	Aircraft Model : Nacelle TRENT		
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part Nu SJ3036			Serial Nui SB/RR/T7	
Insp. by Date	Tim	е	Perf. by	Date	Time		
060416 26/SEP/201	8 16:06:0	)5	068082 1	7/MAY/20	18 07:54:01		
Operation Number 0460-0025	Badge	ID 1 B	adge ID 2				Work Center 1AGNAS
Operation Text INSP TC 9 - P19							
Incorporated fro	m Order	030086	815-01 -	0060 - 0	025	1	
Insp. by Date	Tim	е					
060416 26/SEP/201	8 16:06:0	)5					
Operation Number 0460-0026	Badge	ID 1 B	adge ID 2				Work Center 1AGNAS
Operation Text OPS TC 10 - P21							
Incorporated fro							
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060416 26/SEP/201 Operation Number 0460-0027	Badge		068082 1 adge ID 2	7/IVIA 1/20	18 07:54:01		Work Center 1AGNAS
Operation Text INSP TC 10 - P21							
Incorporated fro	m Order	030086	815-01 -	0060 - 0	027	1	
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060416 26/SEP/201	8 16:06:0	)5					T
Operation Number 0460-0028	Badge	ID 1 B	adge ID 2				Work Center 1AGNAS
Operation Text OPS TC 11 - P23	- O3-	020000	015 01	0060	.029		
Incorporated fro n/a new primary	m Oraer	030086	0T2-0T -	0060 - 0	0020		
Insp. by Date	Tim	е	Perf. by	Date	Time		
060416 26/SED/201			069092 1	7/M/A V/20:	18 07:51:01		

Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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Work Order Number 30086815	:	<b>Service</b> 3008681		Number:	Aircraft Model Nacelle TRENT	=		
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED		rt Number: 30361			Serial Nun SB/RR/T70	
Operation Number 0460-0029	Badge	ID 1 B	Badge II	D 2				Work Center 1AGNAS
Operation Text INSP TC 11 - P23								
Incorporated fro			815-01	L - 0060 - 0	0029			
Insp. by Date	Tim							
060416 26/SEP/201	8 16:06:0	)5						
Operation Number 0460-0030	Badge	ID 1 B	Badge II	D 2				Work Center 1AGNAS
Operation Text OPS TC 12 - P25								
Incorporated from	m Order	030086	815-01	L - 0060 - 0	0030			
n/a new primary	T:		Dorf k	Data	Time			
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060416 26/SEP/201				2 17/MAY/20	18 07:56:18			w 10 1
Operation Number 0460-0031	Badge	ו עו	Badge II	J 2				Work Center 1AGNAS
Operation Text INSP TC 12 - P25 Incorporated fro	m Order	030086	815-01	- 0060 - 0	0031			,
Insp. by Date	Tim		<u> </u>		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
060416 26/SEP/201								
Operation Number 0460-0032	Badge		Badge II	D 2		•		Work Center 1AGNAS
Operation Text OPS TC 13 - P27								
Incorporated from	m Order	030086	815-01	L - 0060 - 0	0032			
n/a new primary								
Insp. by Date	Tim		Perf. k	<u> </u>	Time			
060416 26/SEP/201	8 16:06:0	)5	06808	2 17/MAY/20	18 07:56:18			

Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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Work Order Number 30086815	:	<b>Service</b> 3008681		Number:	Aircraft Mode Nacelle TREN			
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED		rt Number: 30361			Serial Nun SB/RR/T70	
Operation Number 0460-0033	Badge	ID 1 B	Badge II	0 2				Work Center 1AGNAS
Operation Text INSP TC 13 - P27								
Incorporated from			815-01	0060 - 0	0033			
Insp. by Date	Tim							
060416 26/SEP/201	8 16:06:0	)5						
Operation Number 0460-0034	Badge	ID 1 B	Badge II	0 2				Work Center 1AGNAS
Operation Text OPS TC 14 - P29								
Incorporated from	m Order	030086	815-01	0060 - 0	0034			
n/a new primary			_					
Insp. by Date	Tim	е	Perf. b	y Date	Time			
060416 26/SEP/201	8 16:06:0	)5	068082	2 17/MAY/20	18 07:56:18			
Operation Number 0460-0035	Badge	ID 1 B	Badge II	0 2				Work Center 1AGNAS
Operation Text INSP TC 14 - P29								
Incorporated from	m Ordor	020006	01 5 _ 01	_ 0060 _ 0	2025			
Insp. by Date	Tim		1	0000 - 0	0033			
060416 26/SEP/201								
Operation Number 0460-0036	Badge		adge II	0 2		<u>'</u>		Work Center 1AGNAS
Operation Text OPS TC 15 - P31								
Incorporated from	m Order	030086	815-01	0060 - 0	0036			
n/a new primary			1					
Insp. by Date	Tim	e	Perf. b	y Date	Time			
060416 26/SEP/201	8 16:06:0	)5	06808	2 17/MAY/20	18 07:56:18			

#### Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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Work Order Number 30086815	:	Service 300868	Order Number: 15	Aircraft Model : Nacelle TRENT					
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part Number: SJ30361		Serial Number: SB/RR/T700/1302				
Operation Number 0460-0037	Badge	ID 1 B	Badge ID 2	Ige ID 2 Work Cente					
Operation Text INSP TC 15 - P31									
Incorporated from Order 030086815-01 - 0060 - 0037									
Insp. by Date Time									
060416 26/SEP/201	8 16:06:0	5							
Operation Number 0460-0038	Badge	ID1 B	Badge ID 2		Work Center 1AGNAS				
Operation Text OPS TC 18 - P33	m Ordor	020096	815-01 - 0060 -	0039					
Incorporated from Order 030086815-01 - 0060 - 0038  n/a new primary									
Insp. by Date	Tim	е	Perf. by Date	Time					
060416 26/SEP/201	8 16:06:0	5	068082 17/MAY/20	18 07:56:18					
Operation Number 0460-0039	Badge	ID 1 B	Badge ID 2		Work Center 1AGNAS				
Operation Text INSP TC 18 - P33	m Order	030086	815-01 - 0060 -	0039					
Insp. by Date	Tim								
060416 26/SEP/201	8 16:06:0	5							
Operation Number 0460-0040	Badge	ID 1 B	Sadge ID 2		Work Center 1AGNAS				
Operation Text OPS TC 19 - P35									
Incorporated fro									
Insp. by Date	Tim	е	Perf. by Date	Time					
000440 00/055/00			000000 47/14/1/20	10.07.50.40					
060416 26/SEP/201	8 16:06:0	5	068082 17/MAY/20	18 07:56:18	w . o .				
060416 26/SEP/201 Operation Number 0460-0041		5	068082 17/MAY/20 Badge ID 2	018 07:56:18	Work Center 1AGNAS				
Operation Number	8 16:06:0 Badge	5 <b>ID 1 B</b>	Badge ID 2						

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# SERVICE ORDER OPERATIONS LOG

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Work Order Number: Serv 30086815 3008			Order Number: 15		Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULL	PED					Serial Number: SB/RR/T700/1302			
Insp. by Date	Tim	е							
060416 26/SEP/201	8 16:06:0	5							
Operation Number 0460-0042	Badge	Work Center 1AGNAS							
Operation Text OPS TC 20 - P37									
  Incorporated from Order 030086815-01 - 0060 - 0042									
Insp. by Date	Tim	е	Perf. by	Date	Time				
060416 26/SEP/201	8 16:06:0	5	068082 17	7/MAY/20	18 07:56:18				
Operation Number 0460-0043	Badge	ID 1 B	adge ID 2				Work Center 1AGNAS		
Operation Text INSP TC 20 - P37									
Incorporated from			815-01 - 0 	0060 - 0	043				
Insp. by Date	Tim								
060416 26/SEP/201			ades ID 0				Wards Careton		
Operation Number 0460-0044	Badge	и в	Badge ID 2				Work Center 1AGNAS		
Operation Text OPS TC 21 - P39 Incorporated from	m Order	030086	815-01 - 0	0060 - 0	0044		·		
Insp. by Date	Tim		Perf. by	Date	Time				
060416 26/SEP/201	8 16:06:0	5	068082 17	7/MAY/20	18 07:56:18				
Operation Number 0460-0045	Badge	ID 1 B	adge ID 2				Work Center 1AGNAS		
Operation Text INSP TC 21 - P39									
Incorporated from			<u>815-01 - 0</u>	060 - 0	045				
Insp. by Date	Tim								
060416 26/SEP/201	8 16:06:0	5							

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# SERVICE ORDER OPERATIONS LOG

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Work Order Number: 30086815	Order Nu 5	ımber:	Aircraft Model : Nacelle TRENT						
Nomenclature: COWL, NOSE, FULLY	EQUIPF	PED	Part I	<b>Number:</b> 361			<b>Serial Number:</b> SB/RR/T700/1302		
Operation Number 0460-0046	Badge I	ID 1 B	adge ID 2	!			Work Ce 1AGNAS		
Operation Text OPS TC 22 - P41									
Incorporated from	Order	0300868	315-01 -	- 0060 - 0	0046				
Insp. by Date	Time	е	Perf. by	Date	Time				
060416 26/SEP/2018	16:06:0	5	068082	17/MAY/20	18 07:56:18				
Operation Number 0460-0047	Badge	ID 1 B	adge ID 2	}			Work Co		
Operation Text INSP TC 22 - P41	0.1.	020006	215 01	0050	20.45				
Incorporated from			315-01 -	- 0060 - 0	0047				
Insp. by Date	Time								
060416 26/SEP/2018			ada a ID 0	•			Wards Ca		
Operation Number 0460-0048	Badge I	и в	adge ID 2	4			Work Ce 1AGNAS		
Operation Text OPS TC 23 - P43 Incorporated from	Order	0300868	815-01 -	- 0060 - (	0048				
Insp. by Date	Time		Perf. by	Date	Time				
060416 26/SEP/2018			068082		18 07:56:18				
Operation Number 0460-0049	Badge I	•	adge ID 2			•	Work Ce 1AGNAS		
Operation Text INSP TC 23 - P43									
Incorporated from			315-01 -	- 0060 - 0	0049				
Insp. by Date	Time								
060416 26/SEP/2018							<u> </u>		
Operation Number 0460-0050	Badge I	ID 1 B	adge ID 2				Work Ce 1AGNAS		
Operation Text OPS TC 24 - P45									
Incorporated from	Order	0300868	315-01 -	- 0060 - 0	0050				
Perf. by Date	Time	•	Insp. by	Date	Time				

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Work Order Number 30086815	:	<b>Service</b> 3008681		lumber:	Aircraft Model : Nacelle TRENT		
Nomenclature: COWL, NOSE, FULLY EQUIPPED						Serial Number: SB/RR/T700/1302	
Perf. by Date	Time	е	Insp. b	y Date	Time		
060416 15/OCT/20 <sup>-</sup>	18 12:50:3	37	060416	15/OCT/20	18 12:51:01		
Operation Number 0460-0051	Badge	ID 1 B	adge ID	2			Work Center 1AGNAS
Operation Text FINAL INSP TC 24 - I		0300868	815-01	- 0060 - (	0051		
Insp. by Date	Tim	е					
060416 15/OCT/201	18 12:51:0	)1					
<b>Operation Number</b> 0470	Badge B04604		adge ID	2			Work Center 1AGNAS
0470  Operation Text  CSRSCH8221 REV B	B04604 <sup>2</sup> 3 - BUILD	16 NEW STA	ANDARI	) BARREL AS	SY IAW RB211-NA	\C-71-ŀ	1AGNAS
0470  Operation Text  CSRSCH8221 REV B  Incorporated fro	B04604	16 NEW STA 0300868	ANDARI 815-01	) BARREL AS - 0070 -	SY IAW RB211-NA	\C-71-ŀ	1AGNAS
0470  Operation Text  CSRSCH8221 REV B	B04604 <sup>2</sup> 3 - BUILD	16 NEW STA 0300868	ANDARI	) BARREL AS - 0070 -	SSY IAW RB211-NA	\C-71-ŀ	1AGNAS
O470 Operation Text CSRSCH8221 REV B Incorporated fro Operation Number 0470-0010 Operation Text Modify in Accordance CSRSCH8221 REV B	B04604? B - BUILD m Order Badge with:	16 NEW ST <i>A</i> 0300868 <b>ID 1 B</b>	ANDARE 815-01 adge ID	D BARREL AS - 0070 - 2		AC-71-ŀ	1AGNAS H205. Work Center
O470 Operation Text CSRSCH8221 REV B Incorporated fro Operation Number 0470-0010 Operation Text Modify in Accordance CSRSCH8221 REV B Incorporated fro	B04604? B-BUILD m Order Badge with:	0300868	ANDARE 815-01 adge ID	D BARREL AS - 0070 - 2		AC-71-h	1AGNAS H205. Work Center
O470 Operation Text CSRSCH8221 REV B Incorporated fro Operation Number 0470-0010 Operation Text Modify in Accordance CSRSCH8221 REV B	B04604? B-BUILD m Order Badge with:	0300868 0300868 1D 1 B	ANDARE 815-01 adge ID	D BARREL AS - 0070 - 2		AC-71-ŀ	1AGNAS H205. Work Center

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Work Order Number 30086815	:	<b>Service</b> 3008681	Order Number: 5	Aircraft Model : Nacelle TRENT						
Nomenclature: COWL, NOSE, FULLY EQUIPPED			Part Number: SJ30361			Serial Number: SB/RR/T700/1302				
Operation Number 0470-0011	Badge	ID 1 B	adge ID 2		•		Work Center 1AGNAS			
Operation Text OPS 1.1-1.3										
1. REMOVE INTAK	1. REMOVE INTAKE BARREL AND REAR BULKHEAD ASSY									
1. Clean compor pre-impregnated Do not allow sol	wipes.	Immediat			_					
2. Remove intak	e assy	with re	ar bulkhead from	primary assy i	iaw csı	rsch 8202	. <b>.</b>			
3. Remove rear bulkhead from barrel iaw csrsch 8203.										
Incorporated from Order 030086815-01 - 0070 - 0011  Insp. by Date Time										
Insp. by Date 060416 26/SEP/201										

Insp. by

060416

**Date** 

26/SEP/2018 16:04:06

Time

# Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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Work Order Number: 30086815	<b>I</b>	<b>Service O</b> r 30086815	der Number:	Aircraft Model : Nacelle TRENT						
Nomenclature: COWL, NOSE, FULLY B	≣D			Serial Num SB/RR/T70						
Operation Number 0470-0012	Badge ID	01 Bad	ge ID 2				Work Center 1AGNAS			
Operation Text OPS 2.1-2.5  2. REMOVE ENGINE RING FROM INTAKE BARREL ASSY										
1. Remove hi-lok fasteners HL349VF6 and collars HL585DU6AW or kaynar nuts HW54583-3dl attaching the engine ring SJ30210 to the intake barrel assy. Note: also remove 3 hi-lite fasteners HST12WF6 and collars HST97DU6, installed at each radial joint strap.										
2. Mark the posit engine ring/intake		_	_	tive to the intemallet, and remo		_				
3. Identify with SJ30288 and SJ3028	_		<del>-</del>	remove and reta	in fi	reguard p	ackers SJ30287,			
4. Remove any rem to damage the ring		f liquid	shim from eng	ine ring attach	ment	surface,	taking care not			
5. Identify engin	ne ring	with su	rvey number, a	nd store.						
Incorporated from			5-01 - 0070 -	0012						
Insp. by Date 060416 26/SEP/2018	Time									
	Badge ID	•	ge ID 2	l			Work Center 1AGNAS			
Operation Text INSP 3.1										
Incorporated from Order 030086815-01 - 0070 - 0013										

060416

26/SEP/2018 16:04:06

# Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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Work Order Number: 30086815		<b>Service O</b> 30086815	rder Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY	EQUIPI	PED	Part Number: SJ30361			Serial Number: SB/RR/T700/1302	
Operation Number 0470-0014	Badge	ID 1 Bac	dge ID 2		1	Work Center 1AGNAS	
Operation Text OPS 4.1							
4. REMOVE REAR E	BULKHEA	D HEIGHT	ANGLE JOINT P	LATES			
1. Remove compos 0°), SJ30205 (RAD					ngle joint pl	Lates SJ30204 (RAD	
Incorporated from	Order	03008681	.5-01 - 0070 -	0014			
Insp. by Date	Tim						
060416 26/SEP/2018	3 16:04:0	)6				_	
Operation Number 0470-0015	Badge	ID 1 Bac	dge ID 2			Work Center 1AGNAS	
Operation Text OPS 5.1-5.4							
5. REMOVE EQUIPM	ENT FR	OM INTAKI	E BARREL ASSY				
1. Disconnect P2 at P2/T2 probe.	2/T2 tu	be assy a	at probe. disc	onnect Lane A ar	nd Lane B ele	ectrical harnesses	
2. Remove bolts Lane A, Lane B el					aching the Pi	2/T2 tube assy, and	
3. Install blank harnesses, identi				arnesses and pro ore	bbe assy. Ren	move tube and	
4. Remove the 8 mounting ring SJ3 identify with sur	0293 t	o intake	panel SJ30203	lars HL585DU6AW . Remove P2/T2 P	_	_	
Incorporated from	Order	03008681	.5-01 - 0070 -	0015			
Insp. by Date	Tim	е					

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	ı			1					
Work Order Number: 30086815		<b>Service Or</b> 30086815	der Number:	Aircraft Model : Nacelle TRENT					
Nomenclature: COWL, NOSE, FULLY EQUIPPED						Serial Number: SB/RR/T700/1302			
Operation Number 0470-0016	Badge	ID 1 Bad	ge ID 2		•	Work Cente 1AGNAS	r		
Operation Text INSP 6.1									
Incorporated from			5-01 - 0070 - 0	0016					
Insp. by Date 060416 26/SEP/2018	Time	_							
<b>Operation Number</b> 0470-0017	Badge		ge ID 2			Work Cente	r		
7. DRILL LOWER 1 1. Remove protect 2. Check cosmeti 3. Prepare intak	<ol> <li>Remove protective transportation liners from 3 off intake panels.</li> <li>Check cosmetic apperance and c.o.s. of intake panels prior to installation.</li> </ol>								
	IAL NUM	MBER		0017					
Insp. by Date	Time								
060416 26/SEP/2018	3 16:04:0	6							

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1AGNAS

Work Order Number 30086815	:	<b>Service Or</b> 30086815	der Number:	Aircraft Model : Nacelle TRENT		
Nomenclature: COWL, NOSE, FULLY EQUIPPED		Part Number: SJ30361		Serial Nun SB/RR/T70		
Operation Number	Badge	ID 1 Bad	ge ID 2			Work Center

Operation Text

0470-0018

OPS 7.5-7.12

- 7. DRILL LOWER INTAKE PANEL
- 5. Dress radial edges of panels SJ30914 at Rad 225 deg and SJ30915 at Rad 0 deg approx 54" each to ease fitting in assy jig.
- 6. Clean and prepare jig for assembly ensure no swarf is embedded in profile boards or hi-lite setting blocks. TOOLS:- SJ30004 -51/1B.
- 7. Locate primary assy SJ30003 to jig, Pin off to time using tooling holes in fwd bulkhead web segments at radials 45, 152.75 & 279. Clamp to secure using jig 6 off clamps.

  Note: If using existing primary assy, Drill to remove existing fasteners from tooling holes. Using vacuum to remove debris from chamber.
- Position 8 off drill bars at primary/intake joint secure.

Note: Drill bars located against primary circumference profile.

Note: Drill bars are not required if intake barrel assy is to be built to existing primary assy, transfer drill from existing holes in primary assy.

- Sling jig casting ring (aft end) into position & secure to assy jig.
- 10. Locate intake segment (0-225) SJ30914 ON P2-T2 Probe aperture using jig media. ensure seating of intake panel to lipskin, also maintain lipskin to intake gap condition of 0.060"/0.120" typical.
- 11. Locate intake segment (0-135) SJ30915 refer sht2 sect b2-b2 & c2-c2, ensure seating panel to lipskin with correct gap.

Note: Ensure gap between lipskin & intake panels is maintained 0.060"-0.120" Ensure gap between intake panels is maintained 0.060"-0.120"

12. Temporary secure intake segments (2 off) to primary assy & jig casting ring profiles using jig straps provided. Check gaps as detailed prior to drilling location holes. Drill 12 off 3/16" dia holes in each of the two panels SJ30914 & SJ30915. at lipskin to intake joint (from drill bars or transfer drill from existing) & t/secure using service screws.

Incorporated from Order 030086815-01 - 0070 - 0018							
	Insp. by	Date	Time				

IAW RCOP5910 PARA 4.5: "THE TECHNICAL CONTENT OF THIS DOCUMENT IS APPROVED UNDER THE AUTHORITY OF DOA EASA.21J.068." 09/08/2013 CSFORM 180 Issue NC

Insp. by

Date

Time

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	_				
Work Order Number: 30086815	<b>Service Or</b> 30086815	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIP	PED	Part Number:Serial NuSJ30361SB/RR/T7			
Insp. by Date Tin	ne	•		•	
060416 26/SEP/2018 16:04:	06				
Operation Number 0470-0019 Badge	ID 1 Bado	ge ID 2			Work Center 1AGNAS
Operation Text INSP 8.1					
Incorporated from Order	030086815	5-01 - 0070 - 0	0019		
Insp. by Date Tin					
060416 26/SEP/2018 16:04:	•				1
Operation Number 0470-0020 Badge	ID 1 Badç	ge ID 2			Work Center 1AGNAS
<b>Operation Text</b> OPS 9.1 & 10.1-10.5					
9. LOCATE TRIM BAR AT	RAD 135				
1. Locate trim bar at from radial 135 deg edg		5 deg edge & s	ecure to jig. Set	trim bar co	orrect distance
10. INSTALL, TIME, T/S	ECURE & TR	IM SJ30916 (13	5-225)		
1. Dismantle intake so not to disturb trim bar			anel and remove t	co layoff. Ca	are must be taken
2. Locate intake segment Ensure seating of panel			d dress radial 22	25 deg joint	to drg req'mts.
3. Temporary secure using jig straps provid		ments (2 off)	to primary assy 8	ijig casting	g ring profiles
4. Drill 9 off 3/16" of Temporary secure using			's intake segment	at primary	to intake joint.
5. Scribe panel at rad 135 deg's from trim bar to establish trim. Remove panel fill lay-off and trim as required.					
Incorporated from Order	030086815	5-01 - 0070 - 0	0020		

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Work Order Number: 30086815		<b>Service</b> 3008681	-	der Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIPPED				Part Number: SJ30361			Serial Num SB/RR/T70	
Insp. by Date	Tim	е						
060416 26/SEP/2018	8 16:04:0	16						
Operation Number 0470-0021	Badge	ID 1 B	adg	je ID 2				Work Center 1AGNAS
Operation Text OPS 11.1								
11. RE-LOCATE INT	TAKE SE	GMENTS	sJ3	30915 & SJ30916	5			
<ol> <li>Re-locate intake segments (0-135) &amp; (135-225) &amp; t/secure using jig straps &amp; service screws at intake to primary joint. Ensure seating of panels to lipskin &amp; radial joints are to drg req'mts.</li> <li>Incorporated from Order 030086815-01 - 0070 - 0021</li> </ol>								
Insp. by Date	Tim	е						
060416 26/SEP/2018	8 16:04:0	16						
Operation Number 0470-0022	Badge	ID 1 B	adg	je ID 2				Work Center 1AGNAS
Operation Text OPS 12.1								
12. DRILL INTAKE	- PRIM	ARY JOI	NT	IN TOTAL				
1. Using drill bars provided /or transfer drilling from existing, Drill remaining 3/16" dia holes at intake to primary joint.								
Incorporated from			815 I	<u>-01 - 0070 - 0</u>	0022			
Insp. by Date	Tim							
060416 26/SEP/2018	3 16:04:0	16						

26/SEP/2018 16:04:06

060416

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Work Order Number: 30086815	<b>Servi</b> 3008		der Number:	Aircraft Model : Nacelle TRENT						
Nomenclature: COWL, NOSE, FULLY	EQUIPPED		Part Number: SJ30361			Serial Num SB/RR/T70				
Operation Number 0470-0023	Badge ID 1	Badg	je ID 2				Work Center 1AGNAS			
Operation Text OPS 13.1										
13. DRILL 3 OFF R	RADIAL JOINT	S AT	0, 135 & 225D	EG						
<ol> <li>Locate drill bars for intake radial joints &amp; drill 3/16" dia holes at each internal joint</li> <li>Rad 135, Rad 225, &amp; Rad 0.</li> <li>Remove drill bars at primary/intake joint &amp; radial joints.</li> </ol>										
Incorporated from Order 030086815-01 - 0070 - 0023										
Insp. by Date	Time									
060416 26/SEP/2018	3 16:04:06									
Operation Number 0470-0024	Badge ID 1	Badg	ge ID 2				Work Center 1AGNAS			
Operation Text OPS 14.1-14.2										
14. DISMANTLE 3 C	OFF INTAKES	DRESS	DEBURR & TRE	AT						
1. Dismantle 3 c	off intake p	anels	and remove to	o layoff to rem	nove s	warf, dre	ess and deburr.			
<ol> <li>Dismantle 3 off intake panels and remove to layoff to remove swarf, dress and deburr.</li> <li>Treat all trimmed or cut edges of composite material with lacquer mixed with equal volumes base &amp; catalyst EC75 &amp; ACT65.</li> <li>Edge of SJ30914 at rad 225 deg,</li> <li>Edge of SJ30915 at rad 0 deg,</li> <li>Edge of SJ30916 at rad 225 deg,</li> <li>Trim of SJ30916 at rad 135 deg,</li> <li>Deburr complete.</li> </ol>										
Brush apply and allow to dry at 21 +/- 5 deg for a minimum of 4 hrs.										
Incorporated from	Incorporated from Order 030086815-01 - 0070 - 0024									
Insp. by Date	Time									

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		1						
Work Order Number 30086815	:	<b>Service</b> 3008681	Order Number: 15	Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULL	Y EOLIIPI	PED	Part Number: SJ30361	•		Serial Number: SB/RR/T700/1302		
OUVE, NOOE, 1 OLE1 EQUIT ED				JO/ 1302				
Operation Number 0470-0025	Badge	ID 1 B	Badge ID 2				Work Center 1AGNAS	
Operation Text OPS 16.1 & 16.3								
16. INSTALL FAST	ENERS &	SECURE	INTAKES / PRIMA	RY				
1. All fastener	s to be	wet in	stalled using PL	32L hylomar				
3. Install fast HL349AP6-4 (HI-L		_	intake radial jo 5DU6AW (HI-LOK N	_	ive B	0203033-3	(kaynar nut)	
NOTE: It is acceptable to use HL349VF6 HI-LOKS as an alternative to HL349AP6 hi-loks around intake segment joints. It is not permissable to intermix alternative fasteners within an individual primary/intake assembly.  If B0203033-3 (kaynar nut) used, Torque tighten to 25lbin, alternative to HL585DU6AW (HI-LOK NUT)								
Incorporated from Order 030086815-01 - 0070 - 0025								
Insp. by Date	Tim	e						
060416 26/SEP/201	8 16:04:0	06						

# Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

## SERVICE ORDER OPERATIONS LOG

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1AGNAS

Work Order Number: 30086815	:	<b>Service Ord</b> 30086815	der Number:	Aircraft Model : Nacelle TRENT		
Nomenclature: COWL, NOSE, FULLY EQUIPPED		Part Number: SJ30361		Serial Nun SB/RR/T70		
Operation Number	Radge	ID 1 Bado	ie ID 2		•	Work Center

**Operation Text** 

0470-0026

OPS 17.1-17.2

17. TRIM INTAKE PANELS - AFT END.

Tools:- SJ30004 178/1 (TRIMMIMG M/C).

G3GW12-1-007 (CUTTING DISC)

SJ30004 58/2 (GO-NOGO TOOL, CUTTER)
SJ30004 58/3 (GO-NOGO TOOL, INTAKES)

Note: Dust extraction equipment to be utilized during trimming operation.

Caution: Insure cutting m/c is set to correct height using go-nogo tool SJ30004 58/2.

Replace cutting disc at first signs of wear or blunting.

- 1. Locate cutting m/c to jig for trimming aft end of intake assy. Trim aft end to drg req'mts & remove cutting m/c.
- 2. Check height of cut edge using go-nogo tool SJ30004 58/3.

Incorporated from Order 030086815-01 - 0070 - 0026

Insp. by	Date	Time	
060416	26/SEP/2018	16:04:06	

# Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

## SERVICE ORDER OPERATIONS LOG

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Work Order Number: Service Order Nu 30086815		der Number:	Aircraft Model : Nacelle TRENT	
Nomenclature: COWL, NOSE, FULLY EQUIP		Part Number: SJ30361		<b>Serial Number:</b> SB/RR/T700/1302

0470-0027
Operation Text

**Operation Number** 

Badge ID 1 Badge ID 2

Work Center 1AGNAS

OPS 20.1-20.4

- 20. RELEASE FROM JIG & SLING TO LAY-OFF
- 1. Release from jig.
- 3 off pins iwo forward bulkhead.
- 6 off clamps iwo lipskin highlight locations
- 2 off straps.
- 2. Remove sling jig casting by removing 3 off arms with 4 off bolts in each.
- 3. Sling jig casting ring to "a" frame layoff.
- Sling assy to layoff.

Incorporated from Order 030086815-01 - 0070 - 0027

IAW RCOP5910 PARA 4.5: "THE TECHNICAL CONTENT OF THIS DOCUMENT IS APPROVED UNDER THE AUTHORITY OF DOA EASA.21J.068." 09/08/2013 CSFORM 180 Issue NC

Insp. by

060416

Date

26/SEP/2018 16:04:06

Time

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# SERVICE ORDER OPERATIONS LOG

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Work Order Number: 30086815				Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULLY	/ EQUIPF	PED	Part Number: SJ30361			Serial Num SB/RR/T70		
Operation Number 0470-0028	Badge	ID 1 Bad	ge ID 2				Work Center 1AGNAS	
Operation Text OPS 21.1-21.3 21. INSTALL INAC	CESABLE	FASTENER	S AND BUTTSTRA	PS				
1. Mark off & d 14 off iwo intake rad 45 and 180. 18 off iwo aft en and rad 0). Mark off, transfe Csk holes to draw Dismantle and del	e to produce to the contract of the contract o	imary join radial jos 1 & open u	ints behind firms on 190/0.193	rad 0, rad 135				
B0203033-3(kaynam NOTE: It is acceptintake segment joindividual primam	r nut). ptable pints. ry/inta	to use HL3 It is not ke assembl	349VF6 HI-LOKS permissable to	as an alternat o intermix alte	ive to	o HL349AP ve fasten	ers within an	
3. Dress and tr material with lac				reat all trimme base & catalys				
Incorporated from			5-01 - 0070 - 0	0028				
Insp. by Date	Tim							
060416 26/SEP/201 <b>Operation Number</b> 0470-0029	8 16:04:0 Badge		ge ID 2				Work Center 1AGNAS	
Operation Text INSP 21.1-21.3	O 1	02002555	- 01 0070	2020				

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## SERVICE ORDER OPERATIONS LOG

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**Work Center** 

1AGNAS

Work Order Number: Service Order Number: 30086815		der Number:	Aircraft Model : Nacelle TRENT	
Nomenclature: COWL, NOSE, FULLY EQUIPM		Part Number: SJ30361		Serial Number: SB/RR/T700/1302

Operation Text

0470-0030

**Operation Number** 

Badge ID 1

Badge ID 2

OPS 18.1-18.2

- 18. DRILL IWO BUTTSTRAPS
- 1. Locate buttstraps SJ30212 at radial 0 degs, SJ30213 at radial 135 degs and SJ30214 at radial 225 degs, placing under jig straps to temp secure.
- 2. Transfer drill holes from buttstraps into intake segments & t/secure using c/pins at several positions when drilling 3/16".

iwo rad 135 joint.

iwo rad 225 joint.

iwo rad 135 joint.

Incorporated from Order 030086815-01 - 0070 - 0030

Insp. by	Date	Time	
060416	26/SEP/2018	16:04:06	

<b>Operation Number</b>	Badge ID 1	Badge ID 2	Work Center
0470-0031			1AGNAS

#### **Operation Text**

OPS 19.1-19.4

- 19. DRILL IWO F/GUARD PLATES & DEBURR
- 1. Locate fireguard plates SJ30257 at radial 0 degs, SJ30255 at radial 135 degs and SJ30256 at radial 225 degs to buttstraps. At each of 3 positions mark off and transfer drill 6 off central holes 3/16" and transfer drill other 6 off holes into intake panels. Total mark off and transfer drill 18 off holes total transfer drill 18 off holes 3/16" dia.
- 2. Open up 5.1mm holes iwo buttstraps.
- 36 off holes iwo buttstraps & fireguard plates (note holes omitted i.w.o. Engine ring & rear b/head height angles, drilled at op21.
- 3. Dismantle 3 off each buttstraps & fireguard plates.
- 4. Deburr complete.

Incorporated from Order 030086815-01 - 0070 - 0031

060416

26/SEP/2018 16:04:07

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Work Order Number:		Service	Ord	der Number:	Aircraft Model :			
30086815 30086815			Nacelle TRENT					
Nomenclature: COWL, NOSE, FULLY E	EQUIPF	PED		Part Number: SJ30361			Serial Num SB/RR/T70	
Insp. by Date	Tim	е						
060416 26/SEP/2018	16:04:0	7						
Operation Number 0470-0032	Badge	ID 1 B	adg	je ID 2				Work Center 1AGNAS
Operation Text OPS 21.4-21.5								
21. INSTALL INACCE	ESABLE	FASTEN	ERS	S AND BUTTSTRAI	PS			
4. Wet assemble a fireguard plates u				_	32M hylomar, lo	cate	& t/secur	e buttstraps &
5. Wet install ME	BF2110	-06 ser	ies	composi-loks	using hylomar	PL32L		
Incorporated from	Order	0300868	815	-01 - 0070 - 0	0032			
Insp. by Date	Tim	е						
060416 26/SEP/2018	16:04:0	6						
Operation Number 0470-0033	Badge	ID 1 B	adg	je ID 2				Work Center 1AGNAS
Operation Text OPS 15.1-15.4								
15. REASSEMBLE INT	TAKES	WET, OP	EN	& CSK HOLES				
1. Wet assemble a	all co	ntact s	urf	aces using PL	32M hylomar.			
2. Re-assemble in	ntake	segment	s t	o primary assy	Y•			
3. Progressively full size (0.190"/	_		es,	i.e. primary/	intake joint ho	les &	radial j	oint holes to
4. If using new rjoint 100 deg's, &					es to drawing r	equir	ements (p	rimary/intake
Incorporated from	Order	0300868	815	-01 - 0070 - 0	0033			
Insp. by Date	Tim	е						

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			1		
Work Order Number:	Service Or	Order Number: Aircraft Model: 5 Nacelle TRENT			
30086815	30086815				
Nomenclature: COWL, NOSE, FULLY EQUIP	PED.	Part Number: SJ30361		Serial Nur	
COVE, NOCE, I CEET EQUI		0000001		OB/INIVITY	
Operation Number 0470-0034 Badge	ID 1 Bade	ge ID 2			Work Center 1AGNAS
Operation Text OPS 16.1-16.2 16. INSTALL FASTENERS 8	secure II	NTAKES / PRIMAI	RY		
1. All fasteners to be	e wet insta	alled using PL	32L hylomar		
2. Install fasteners a primary assembly SJ3000 HL633-6-5 (HI-LOK PIN)	3 using:			4, SJ30915 8	≨ SJ30916 to
Incorporated from Order	030086815	5-01 - 0070 - 0	0034		
Insp. by Date Tin	ne				
060416 26/SEP/2018 16:04:0	07				
Operation Number Badge 0470-0035		ge ID 2			Work Center 1AGNAS
Operation Text OPS 21.6-21.7					
21. INSTALL INACCESABLE	FASTENER:	S AND BUTTSTRA	PS		
6. Fill 03 off timing NAS1149C033R Washers ur			_	:6L2P Rivets	s with
7. Inspect primary to		_			
Incorporated from Order	030086815	5-01 - 0070 - 0	0035		
Insp. by Date Tin	ne				
060416 26/SEP/2018 16:04:0	07				

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## SERVICE ORDER OPERATIONS LOG

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1AGNAS

Work Order Number 30086815	:	<b>Service Ord</b> 30086815	der Number:	Aircraft Model : Nacelle TRENT		
Nomenclature: COWL, NOSE, FULLY EQUIPPED		Part Number: SJ30361		Serial Num SB/RR/T70		
Operation Number	Badge	ID 1 Badg	ge ID 2			Work Center

**Operation Text** 

0470-0036

OPS 22.1-22.2

22. APPLICATION OF FREKOTE TO ENGINE RING

OBSERVE ALL HEALTH AND SAFETY REQUIREMENTS REGARDING THE USE OF FREEKOTE 700NC, INCLUDING THE USE OF RUBBER GLOVES TO PREVENT SKIN CONTACT.

- 1. Ensure that surface of engine ring that contacts aft end of intake barrel assy is free from grime. Freekote engine ring mating surfaces. Tape outer face of engine ring.
- 2. Using a lint free cloth dampened (moist but not dripping) wipe around engine ring surface to give a smooth even film. Allow surface to air dry for "fifteen minutes".

Incorporated from Order 030086815-01 - 0070 - 0036

060416 26/SEP/2018 16:04:07	Insp. by Date	Time		
	060416 26/SEP/20 <sup>-</sup>	8 16:04:07		

Operation Number 0470-0037 Badge ID 1 Badge ID 2 Work Center 1AGNAS

#### **Operation Text**

OPS 23.1-23.4

- 23. MEASURE GAPS AT ENGINE RING INTAKE BARREL INTERFACE
- 1. Bolt engine ring SJ30210 in assy jig, locate using 3 off spigots, and insert 40 off jig pins.
- 2. Lower the intake / primary assy into position on the engine ring, and 'time' using the jig fixture at P2/T2 aperture on intake panel SJ30914.
- 3. Using feeler gauges measure the gap between the engine ring and intake panels, to determine if metal shim will be required in addition to the liquid shim.

  Note: liquid shim may be used up to a maximum gap size of .040".

  Liquid shim/metal shim combined maximum gap size of .075".
- 4. Remove intake / primary assy

Incorporated from Order 030086815-01 - 0070 - 0037

IAW RCOP5910 PARA 4.5: "THE TECHNICAL CONTENT OF THIS DOCUMENT IS APPROVED UNDER THE AUTHORITY OF DOA EASA.21J.068."
09/08/2013
CSFORM 180 Issue NC

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# SERVICE ORDER OPERATIONS LOG

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Work Order Number: 30086815		<b>Service</b> 3008681		der Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIPPED  Part Number: SJ30361			Part Number: SJ30361	Serial Number: SB/RR/T700/1302				
Insp. by Date	Tim	е						
060416 26/SEP/2018	3 16:04:0	7						
Operation Number 0470-0038	Badge	ID 1 B	adg	je ID 2				Work Center 1AGNAS
Operation Text OPS 24.1-24.2								
	de the	faying			ft end of the i		_	
resin glaze, usin reinforcing fibre								
2. Mask off the area on aft end of intake barrel assy where liquid shim is to be applied.								
Incorporated from	Order	030086	815	-01 - 0070 - 0	0038			
Insp. by Date	Tim	е						
060416 26/SEP/2018	3 16:04:0	7						
Operation Number 0470-0039	Badge	ID 1 B	adg	je ID 2				Work Center 1AGNAS
Operation Text OPS 25.1-25.3								
25. MIX EA934NA I	LIQUID	SHIM						
1. Prior to mixi temperature	ing, th	e resin	an	nd catalyst mus	st be allowed t	o sta	bilize at	ambient
2. Thoroughly mix part a (resin) 100 parts by weight, with part b (catalyst) 33 parts by weight. Use only clean wax free containers for mixing. Note: mix sufficient qty EA934NA to provide a small test sample for inspection								
3. Record the following information - i. Date of mixing ii. Time of mixing								
	iii. Expiry time (mixing + 40 minutes)							
Incorporated from	Order	030086	815	-01 - 0070 - 0	0039			
Insp. by Date	Tim	е						

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Work Order Number: 30086815	<b>Service 0</b> 30086815	Order Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUI	PPED	Part Number: SJ30361			rial Number: /RR/T700/1302	
	me					
060416         26/SEP/2018 16:04           Operation Number         Badg		ndge ID 2			Work Center	
Operation Text OPS 26.1-26.6					1AGNAS	
<ol> <li>WET ASSEMBLE ENGINE RING TO INTAKE BARREL ASSY</li> <li>Using a spatula, apply liquid shim to mating surfaces of intake and engine ring, to a combined thickness of 0.010" to 0.020" greater than the measured gap. This will ensure 'squeeze-out' of excess material and prevent voids.</li> <li>Lower the intake / primary assy partially onto the engine ring. Install metal packers SJ30287, SJ30288 and SJ30289 in way of joint straps, and metal packing SJ30350 (if required) into position between engine ring and intake assy.</li> </ol>						
3. Continue lowering	intake /	primary assy.				
4. 'Time' assy to P27	2 probe a	perture, using	jig fixture sec	ure using stra	nps iwo rads 0o &	
5. Remove excess liqu	id shim u	sing a clean clo	oth dampened wi	th suitable so	olvent.	
6. Record date and time when joint is made and provide a test sample of liquid shim for inspection i. Date ii. Time						
Incorporated from Orde Insp. by Date Ti	r 0300868 ne	<u> 15-01 - 0070 - 0</u>	0040			
060416 26/SEP/2018 16:04	_					

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Work Order Number: 30086815	Service Order Number: Aircraft Model : Nacelle TRENT		1 0			
Nomenclature: COWL, NOSE, FULLY	re: SE, FULLY EQUIPPED  Part Number: SJ30361  Serial Number: SB/RR/T700/1302					
Operation Number 0470-0041	Badge	ID 1 Bad	ge ID 2		•	Work Center 1AGNAS
2. Allow liquid using a shore D l	pect in shim t	co cure, and someter (c	nd carry out h	. Record results	liquid shim	
Incorporated from			<u> </u>	1041		
Insp. by Date 060416 26/SEP/201	<b>Tim</b> 8 16:04:0					

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## SERVICE ORDER OPERATIONS LOG

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Work Order Number: 30086815	<b>Service Ord</b> 30086815	der Number:	Aircraft Model : Nacelle TRENT		
Nomenclature: COWL, NOSE, FULLY EQUIPPED Part Number: SJ30361 Serial Number: SB/RR/T700					
Operation Number Badge 0470-0042	ID 1 Badç	ge ID 2			Work Center 1AGNAS
Operation Text OPS 28.1-28.4  28. ATTACH ENGINE RING NOTE: ALLOW ASSY TO CUR  1. Transfer drill from required, drill through hi-loks, and hi-lites. CAUTION: At rad's 0,135 engine ring, packers fir	E FOR MIN  existing engine ri	7 HOURS AT ROO holes in enging ng and intake	ne ring using hole p panels. Final size wo intake joints to	ick ups a 0.190" to be drill	0.193" for ed through

- 2. Remove from jig. Countersink holes drilled in previous stage in intake panel inner surfaces to suit hi-lok fasteners HL349VF6. Seal countersinks using varnish EC75/ACT65.
- 3. When min 12 hours has elapsed (room temp) since liquid shim was mixed, wet install using hylomar PL32L, hi-loks HL349AP6 in engine ring using kaynar nuts HL54583-3DL. Torque tighten to 24 lb.in (2.82 nm)
- 4. Wet install using PL32L hi-lite fasteners HST12WF6 or alternative HST12AG6 in way of each radial joint plate using collars HST97DU6.

060416

26/SEP/2018 16:04:07

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			.,				
Work Order Number 30086815	•	<b>Service 0</b> 30086815	Order Number:	Aircraft Model : Nacelle TRENT			
Nomenclature:Part Number:Serial Number:COWL, NOSE, FULLY EQUIPPEDSJ30361SB/RR/T700/1302							
Operation Number 0470-0043	Badge	ID 1 Ba	dge ID 2		,	Work Center 1AGNAS	
Operation Text OPS 29.1  29. POSITION NEW  1. Progressivel (135-225 degs) a 0, 135 & 225 deg angles, SJ30206 also position pa joggle lines iwo off 'g' clamps.	y locat nd SJ30 s. Clam (225 de cker SJ	e 3 off 209 (225 p in pos gs), SJ3 30236 at	rear bulkhead l -0 deg) to inta ition using jig 0205 (135 degs) approx 140 deg	height angles, Sake assembly. Transfer in height location and SJ30204 (ogs in way of tai	im angles to n ns. Position 3 degs) in rela panel & secur	ett size at ir off joint tion to joggles, e. Mark off	
Incorporated fro			15-01 - 0070 -	0043			
Insp. by Date 060416 26/SEP/201	7im						
<b>Operation Number</b> 0470-0044	Badge		dge ID 2			Work Center 1AGNAS	
Operation Text OPS 30.1-30.2  30. TRANSFER DRI 1. Transfer dri panel backing tr Also drill 2 off intake joints, 3	11 from ay only 4.85mm off pos	pilot h Please (.190/ sitions.	oles in angles ensure a carbi 193") dia holes off 'g' clamps	4.20mm (.165/.1 ide drill reamer s from engine ring Dismantle part	and a drill s ng through but	through intake top is used. tstraps at	
Incorporated fro			15-01 - 0070 -	0044			
Insp. by Date	Tim	e l					

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Work Order Number: 30086815	<b>Service</b> 3008681	Order Number: 5	Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULLY EQ	UIPPED	Part Number: SJ30361					
Operation Number Bac 0470-0045	dge ID 1 Ba	adge ID 2			Work Center 1AGNAS		
Operation Text OPS 31.1 31. WET ASSEMBLE ANGLES TO INTAKES.							
1. Wet assemble par			_				
Incorporated from Or Insp. by Date	Time	515-01 - 0070 - 0	7045				
060416 26/SEP/2018 16:							
Operation Number Bac 0470-0046	dge ID 1 Ba	adge ID 2			Work Center 1AGNAS		
Operation Text OPS 32.1-32.2							
32. POSITION INNER A	NGLES, JOIN	NT ANGLES & PACK	<b>E</b> R				
1. Secure height an	1. Secure height angles and joint angles with 25 off jig clamps and 6 off 'g' clamps.						
2. Wet install MBF2 Incorporated from Or		-		PL32L.			
Insp. by Date	Time	<u> </u>	70-10				
060416 26/SEP/2018 16:	04:07						

2.

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Work Order Number:         Service Order 30086815		der Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIPPED					Number: R/T700/1302	
Operation Number 0470-0047	Badge	ID 1 Badg	ge ID 2		1	Work Center 1AGNAS
sufficient to re	urface move pa FOLLOW	of the rad int and pr ING OPERAT	lial joint st otective coat	rap SJ30212 (rad ( ing in the area o . STOP MUST BE USE INTAKE PANEL.	of bonding s	trap location.

Incorporated from Order 030086815-01 - 0070 - 0047

HYLOMAR PL32M TO MATING SURFACES OF THE BONDING STRAP.

Incorpo	Incorporated from Order 030086815-01 - 0070 - 0047							
Insp. by	Date	Time						
060416	26/SEP/2018	16:04:07						

Locate bonding strap in position and drill to suit composi-lok fasteners MBF2110-05.

Install bonding strap using composi-lok fasteners MBF2110-05-150 NOTE: DO NOT APPLY

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Work Order Number:   Service Or   30086815   30086815		der Number: Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULLY EQUIPPED		Part Number: SJ30361			Serial Number: SB/RR/T700/1302	
Operation Number 0470-0048	Badge	ID 1 Bad	ge ID 2		•	Work Center 1AGNAS
Operation Text OPS 33.4-33.8						
33. INSTALL EQUI	PMENT O	N INTAKE	ASSY			
		_		o P2T2 probe base a 7/.2077" dia holes	_	

- 5. Apply hylomar PL32M to mating surfaces, and install the P2/T2 probe mounting ring SJ30293, and P2/T2 probe mounting assy, using 8 hi-lok pins HL349AP6 or alternative HL349VF6 and collars HL585DU6AW in position on intake panel SJ30914.
- 6. Using jig template, locate position of 3 P2/T2 support brackets (QTY 2 SJ30733, QTY 1 SJ30734)on intake assy, and drill to suit composi-lok fasteners MBF2110-05-150.
- 7. Treat all trimmed or cut edges in composite material with lacquer mixed with equal volumes base & catalyst EC75 & ACT65.
- 8. Apply hylomar to mating surfaces, and wet assemble 3 P2/T2 support brackets using composi-lok fasteners MBF2110-05 series.

Incorporated from Order 030086815-01 - 0070 - 0048

Insp. by Date Time	
060416 26/SEP/2018 16:04:07	

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Work Order Number: 30086815	<b>Service</b> 300868	e Order Number: 15	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY E	EQUIPPED	Part Number: SJ30361		Serial Num SB/RR/T70		
Operation Number 0470-0049	Badge ID 1	Badge ID 2		•	Work Center 1AGNAS	
Operation Text OPS 33.9-33.10						
33. INSTALL EQUIPM	ENT ON INTA	KE ASSY				
9. Install P2/T2 using bolts NAS670 ins.		nd Lane A, Lane E nuts MS21043-3 an				
10. Remove blanks, and connect P2/T2 Tube assy and Lane A, Lane B electrical harnesses to P2/T2 probe. Torque tighten tube assy connector to 2401b ins.						
Incorporated from	Order 030086	815-01 - 0070 -	0049			
Insp. by Date	Time					
060416 26/SEP/2018 1	16:04:07					
Operation Number 0470-0050	Badge ID 1	Badge ID 2			Work Center 1AGNAS	
Operation Text OPS 28.5-28.7						
28. ATTACH ENGINE	RING TO INT	AKE ASSY				
5. Apply silicone aft end of firegua:		TV732 to sealing apply silcoset 15				
6. Prepare firewa apply to seal expo		PR-812 in accorda fireguard plate		nufacturers in	structions, and	
7. Apply silcoset	153 to fil:	l intake radial	joint gaps.			
Incorporated from	Order 030086	5815-01 - 0070 -	0050			
Insp. by Date	Time					
060416 26/SEP/2018						

060416

26/SEP/2018 16:04:38

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Work Order Number: 30086815		<b>Service</b> 3008681	_	er Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULL	Y EQUIPF	PED	1 -	Part Number: SJ30361			Serial Num SB/RR/T70	
Operation Number 0470-0051	Badge	ID 1 Ba	adge	e ID 2				Work Center 1AGNAS
Operation Text INSP 34.1-34.6								
34. FINAL INSPEC	T							
1. Confirm AGS	appendi	x sheet	COI	mpleted.				
2. Using a suit assy adjacent to					air scheme numb	er CS	RSCH8221	onto the barrel
3. Vibro etch o	r elect	ro etch	mod	dification pla	ate with SB71-H	1205.		
4. Vibro etch o line, re-identify					cancel existing 0810 adjacent			
5. Confirm assy	meets	the aero	odyr	namic smoothne	ess requirement	s of	RB211 Tre	ent SRM 54-01-01.
6. Final inspec	t to en	sure tha	at a	all work has h	peen carried ou	ıt i.a	.w CSRSCH	8221.
Incorporated from	m Order	0300868	315-	01 - 0070 - 0	051			
Insp. by Date	Tim							
060416 26/SEP/201		1						
Operation Number 0480	Badge B04604	ID 1 Ba	adge	e ID 2				Work Center 1AGNAS
Operation Text CSRSCH8223 REV N	C - INST	ALL NEW	STA	NDARD PRIMAR	Y ASSY IAW RB21	11-NAC	-71-H847.	
Incorporated from	m Order	0300868	315-	01 - 0080 -				
Operation Number 0480-0010	Badge	ID 1 Ba	adge	e ID 2				Work Center 1AGNAS
Operation Text								
Modify in Accordance								
CSRSCH8223 REV N	C							
Incorporated from				01 - 0080 - 0	010			
N/A ASSY SJ30823			±D.					
Insp. by Date	Tim	e				<u> </u>		

# Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

## SERVICE ORDER OPERATIONS LOG

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1AGNAS

Work Order Number:         Service Order 30086815		der Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIPPED		Part Number: SJ30361		Serial Nu SB/RR/T7		
Operation Number	Badge	ID 1 Badg	ge ID 2			Work Center

**Operation Text** 

0490

CSRSCH8221 REV B - REMOVE ENGINE RING ASSY FROM BARREL ASSY IAW CSRSCH8221 REV B OP 2. INSTALL ENGINE RING, HEIGHT ANGLES AND EQUIPMENT ON INTAKE TO PRIMARY ASSY SJ30823 IAW CSRSCH8221 REV B OP'S 22-34.

Incorporated from Order 030086815-03 - 0010 -

B0460416

Operation Number	Badge ID 1	Badge ID 2	Work Center
0490-0010			1AGNAS

**Operation Text** 

Perform Work Instructions IAW:

CSRSCH8221 REV B

Incorporated from Order 030086815-03 - 0010 - 0010

Operation Number	Badge ID 1	Badge ID 2	Work Center
0490-0011			1AGNAS

#### **Operation Text**

OPS 2.1-2.5

- 2. REMOVE ENGINE RING FROM INTAKE BARREL ASSY
- 1. Remove hi-lok fasteners HL349VF6 and collars HL585DU6AW or kaynar nuts HW54583-3dl attaching the engine ring SJ30210 to the intake barrel assy. Note: also remove 3 hi-lite fasteners HST12WF6 and collars HST97DU6, installed at each radial joint strap.
- 2. Mark the position of the engine ring, relative to the intake assy. Break the seal at engine ring/intake barrel joint using a nylon mallet, and remove the engine ring.
- 3. Identify with position and survey number, remove and retain fireguard packers SJ30287, SJ30288 and SJ30289 at radial joints .
- 4. Remove any remains of liquid shim from engine ring attachment surface, taking care not to damage the ring.
- 5. Identify engine ring with survey number, and store.

Incorporated from Order 030086815-03 - 0010 - 0011

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# SERVICE ORDER OPERATIONS LOG

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Work Order Number 30086815	:	<b>Service</b> 3008681	Order Number	r: Aircraft Model : Nacelle TRENT		
Nomenclature: COWL, NOSE, FULLY EQUIPPED			Part Numb SJ30361	per:		Serial Number: SB/RR/T700/1302
Perf. by Date	Tim	е	Insp. by	Date Time		
002379 27/SEP/201	8 03:50:3	39	003890 27/S	EP/2018 06:09:44		
Operation Number 0490-0012	Badge	ID 1 B	adge ID 2			Work Center 1AGNAS
Operation Text INSP 3.1						
Incorporated fro			815-03 - 001 I	10 - 0012	1	
Insp. by Date	Tim				-	
003890 27/SEP/201	8 06:09:4	4				
Operation Number 0490-0013	Badge	ID 1 B	adge ID 2			Work Center 1AGNAS
Operation Text OPS 22.1-22.2						
22. APPLICATION	OF FREK	OTE TO	ENGINE RING			
OBSERVE ALL HEAL THE USE OF RUBBE			-		OF FR	REEKOTE 700NC, INCLUDING
		_	_	at contacts aft end urfaces. Tape outer		ntake barrel assy is free of engine ring.
2. Using a lint	free c	loth da	mpened (moi:	st but not dripping	ı) wipe	e around engine ring

Incorporated from Order 030086815-03 - 0010 - 0013

Perf. by	Date	Time	Insp. by	Date	Time	е
002379	27/SEP/20	18 03:50:39	003890	27/SEP/20	18 06:09:4	4

surface to give a smooth even film. Allow surface to air dry for "fifteen minutes".

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#### SERVICE ORDER **OPERATIONS LOG**

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Work Order Number:         Service Order 30086815		der Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIPPED		Part Number: SJ30361		Serial Num SB/RR/T70		
Operation Number	Badge	ID 1 Bado	e ID 2			Work Center

0490-0014

Badge ID 1 Badge ID 2

work Center 1AGNAS

1AGNAS

**Operation Text** 

OPS 23.1-23.4

- 23. MEASURE GAPS AT ENGINE RING INTAKE BARREL INTERFACE
- 1. Bolt engine ring SJ30210 in assy jig, locate using 3 off spigots, and insert 40 off jig pins.
- 2. Lower the intake / primary assy into position on the engine ring, and 'time' using the jig fixture at P2/T2 aperture on intake panel SJ30914.
- 3. Using feeler gauges measure the gap between the engine ring and intake panels, to determine if metal shim will be required in addition to the liquid shim. liquid shim may be used up to a maximum gap size of .040". Liquid shim/metal shim combined maximum gap size of .075".
- Remove intake / primary assy

Incorporated from Order 030086815-03 - 0010 - 0014

Perf. by	Date	Time	Insp. by	Date	Time	
002379	27/SEP/201	8 03:50:39	003890	27/SEP/2018	3 06:09:44	
Operatio	n Number	Badge ID 1	Badge ID 2	:		Work Center

**Operation Text** 

OPS 24.1-24.2

0490-0015

- 24. PREPARE INTAKE FOR ASSY
- Lightly abrade the faying surface of the aft end of the intake panel to remove all resin glaze, using 240 grit or finer abrasive paper. Take care not to damage the underlying reinforcing fibres. Remove all residue from abrading process using solvent as per op1.1.
- Mask off the area on aft end of intake barrel assy where liquid shim is to be applied.

Incorporated from Order 030086815-03 - 0010 - 0015

Perf. by	Date	Time	Insp. by	Date	Time	
002379	27/SEP/201	8 03:50:40	003890 2	27/SEP/201	8 06:09:44	

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# SERVICE ORDER OPERATIONS LOG

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Work Order Number: Service Order Number: Aircraft Model : Nacelle TRENT								
Nomenclature: COWL, NOSE, FULLY	′ EQUIPI	PED	Part Number: SJ30361		Serial Nur SB/RR/T70			
Operation Number 0490-0016	Badge	ID 1 Bad	lge ID 2		•	Work Center 1AGNAS		
Operation Text OPS 25.1-25.3 25. MIX EA934NA	, TOUTD	CUTM						
			and catalyst m	ist be allowed to	stabilize a	t ambient		
	clean	wax free	containers for	y weight, with par mixing. Note: mix				
3. Record the following information - i. Date of mixing ii. Time of mixing iii. Expiry time (mixing + 40 minutes)								
Incorporated from Order 030086815-03 - 0010 - 0016 DOM 27.09.18 TOM 03.20 EXPIRY 04.00								
Perf. by Date	Tim	e In	nsp. by Date	Time				
002379 27/SEP/201	8 03:50:3	9 00	03890 27/SEP/20	018 06:09:44				

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# SERVICE ORDER OPERATIONS LOG

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	_							
Work Order Number: 30086815	<b>Service Or</b> 30086815	rder Number: Aircraft Model : Nacelle TRENT						
Nomenclature: COWL, NOSE, FULLY EQUIP	PED	Part Number: SJ30361						
Operation Number Badge ID 1 Badge ID 2 Work Center 1AGNAS								
Operation Text OPS 26.1-26.6  26. WET ASSEMBLE ENGINE	E RING TO I	INTAKE BARREL	ASSY					
1. Using a spatula, a combined thickness of ( 'squeeze-out' of excess	0.010" to 0	.020" greater	than the measured					
2. Lower the intake / SJ30287, SJ30288 and Strequired) into position	730289 in w	ay of joint st	raps, and metal pa	_	<del>-</del>			
3. Continue lowering	intake / pı	rimary assy.						
4. 'Time' assy to P2T 180o.	2 probe ape	erture, using	jig fixture secure	using stra	aps iwo rads 0o &			
5. Remove excess liqu	id shim us:	ing a clean cl	oth dampened with	suitable so	olvent.			
6. Record date and tinspection i. Date ii. Time	me when jo: 	int is made and	d provide a test sa	ample of li	quid shim for			
Incorporated from Order DATE 27.09.18 TIME 04.0		5-03 - 0010 - 0	0017					
Perf. by Date Tim	e Ins	sp. by Date	Time					
002379 27/SEP/2018 03:50:	40 00	3890 27/SEP/20 <sup>-</sup>	18 06:09:44					

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# SERVICE ORDER OPERATIONS LOG

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Work Order Number 30086815			Service Order Number: Aircraft Model : Nacelle TRENT							
Nomenclature: COWL, NOSE, FULLY EQUIPPED								<b>al Number:</b> RR/T700/1302		
Operation Number 0490-0018	Badge	ID 1 Ba	adge ID 2	2				Work Center 1AGNAS		
Operation Text OPS 27.1-27.2	Operation Text									
27. STAGE INSPEC		stallati	on of	engine ri:	ng to intake jo	oint.				
2. Allow liquid using a shore D	shim t	o cure,	and ca	rry out ha	ardness test on	ı liqu				
Incorporated from HARDNESS TEST 83 HARDNESS CHECK 8		0300868	15-03	- 0010 - 0	0018					
Perf. by Date	Time	е	Insp. by	Date	Time					
002379 27/SEP/201	8 21:42:1	3	010406	16/OCT/20	18 15:31:56					

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## SERVICE ORDER OPERATIONS LOG

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Work Order Number: Service Ord 30086815 30086815		der Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIPPED		Part Number: SJ30361		Serial Num SB/RR/T70		
Operation Number	Badge	ID 1 Badg	je ID 2			Work Center

**Operation Text** 

0490-0019

Badge ID 1 Badge ID 2

Work Center 1AGNAS

OPS 28.1-28.4

28. ATTACH ENGINE RING TO INTAKE ASSY

NOTE: ALLOW ASSY TO CURE FOR MIN 7 HOURS AT ROOM TEMP BEFORE DRILLING.

Transfer drill from existing holes in engine ring using hole pick ups and bushes as required, drill through engine ring and intake panels. Final size 0.190" to 0.193" for hi-loks, and hi-lites.

CAUTION: At rad's 0,135,225 deg's,3 off holes iwo intake joints to be drilled through engine ring, packers fireguard plates & buttstraps only, (do not drill into intake wetted surface at these positions).

- Remove from jig. Countersink holes drilled in previous stage in intake panel inner surfaces to suit hi-lok fasteners HL349VF6. Seal countersinks using varnish EC75/ACT65.
- When min 12 hours has elapsed (room temp) since liquid shim was mixed, wet install using hylomar PL32L, hi-loks HL349AP6 in engine ring using kaynar nuts HL54583-3DL. Torque tighten to 24 lb.in (2.82 nm)
- Wet install using PL32L hi-lite fasteners HST12WF6 or alternative HST12AG6 in way of each radial joint plate using collars HST97DU6.

Incorporated from Order 030086815-03 - 0010 - 0019

Perf. by	Date	Time	Insp. by	Date	Time	
000286	15/OCT/201	8 13:44:07	010406	16/OCT/201	8 15:31:56	

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1AGNAS

Work Order Number:         Service Order           30086815         30086815		der Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIPPED		Part Number: SJ30361		Serial Nun SB/RR/T70		
Operation Number	Badge	ID 1 Badg	ge ID 2		•	Work Center

**Operation Text** 

**OPS 29.1** 

0490-0020

29. POSITION NEW INNER ANGLES, JOINT ANGLES & PACKER

1. Progressively locate 3 off rear bulkhead height angles, SJ30207 (0-135 degs), SJ30208 (135-225 degs) and SJ30209 (225-0 deg) to intake assembly. Trim angles to nett size at ir 0, 135 & 225 degs. Clamp in position using jig height locations. Position 3 off joint angles, SJ30206 (225 degs), SJ30205 (135 degs) and SJ30204 (o degs) in relation to joggles, also position packer SJ30236 at approx 140 degs in way of tai panel & secure. Mark off joggle lines iwo angles and center lines iwo buttstraps. Locate with 25 off clamps and 6 off 'g' clamps.

Incorporated from Order 030086815-03 - 0010 - 0020

Perf. by	Date	Time	Insp. by	Date	Time	
002379	27/SEP/20	18 06:09:12	003890	27/SEP/2018	06:09:45	
Operatio	n Number	Badge ID 1	Badge ID 2			Work Center

0490-0021 Badge ID 1 Badge ID 2 Work Center 1490-0021

#### **Operation Text**

OPS 30.1-30.2

- 30. TRANSFER DRILL FROM ANGLES TO INTAKE BACKING TRAY
- 1. Transfer drill from pilot holes in angles 4.20mm (.165/.168") dia hole through intake panel backing tray only. Please ensure a carbide drill reamer and a drill stop is used. Also drill 2 off 4.85mm (.190/.193") dia holes from engine ring through buttstraps at intake joints, 3 off positions.
- 2. Remove 25 off clamps and 6 off 'g' clamps. Dismantle parts to lay-off and deburr complete. Spray laquer iwo holes on intake panels.

Incorporated from Order 030086815-03 - 0010 - 0021

Inderpolated from Order Objection Objection Octo									
Insp. by	Date	Time	Perf. by	Date	Time				
060416	27/SEP/2018	3 12:20:24	068082	27/SEP/201	8 12:19:52				

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## SERVICE ORDER OPERATIONS LOG

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**Work Center** 

1AGNAS

Work Order Number 30086815	:	Service Order Number: 30086815		ber:	Aircraft Model : Nacelle TRENT					
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED		Part Number: SJ30361			Number: R/T700/1302			
Operation Number 0490-0022 Badge ID 1 Badge ID 2 Work Center 1AGNAS										
Operation Text OPS 31.1 31. WET ASSEMBLE	Operation Text OPS 31.1									
<ol> <li>WET ASSEMBLE ANGLES TO INTAKES.</li> <li>Wet assemble parts using hylomar PL32M and temp secure.</li> <li>Incorporated from Order 030086815-03 - 0010 - 0022</li> </ol>										
Insp. by Date	Tim	e F	erf. by	Date	Time					

#### **Operation Text**

0490-0023

**Operation Number** 

060416 27/SEP/2018 12:20:24

OPS 32.1-32.2

32. POSITION INNER ANGLES, JOINT ANGLES & PACKER

Badge ID 1

Secure height angles and joint angles with 25 off jig clamps and 6 off 'g' clamps.

068082 27/SEP/2018 12:19:52

Wet install MBF2110-05 series composi-loks using hylomar PL32L.

Badge ID 2

Incorporated from Order 030086815-03 - 0010 - 0023

Perf. by	Date	Time	Insp. by	Date	Time
002379	28/SEP/20	018 00:37:14	010406	16/OCT/20	18 15:31:56

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## SERVICE ORDER OPERATIONS LOG

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Work Order Number: Service Ord 30086815 30086815		der Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIPPED		Part Number: SJ30361		Serial Num SB/RR/T70		
Operation Number	Badge	ID 1 Badg	je ID 2			Work Center

**Operation Text** 

0490-0024

Badge ID 1 Badge ID 2

Work Center 1AGNAS

OPS 33.1-33.3

- 33. INSTALL EQUIPMENT ON INTAKE ASSY
- Abrade the surface of the radial joint strap SJ30212 (rad 0°) using abrasive paper sufficient to remove paint and protective coating in the area of bonding strap location. CAUTION: FOR THE FOLLOWING OPERATIONS, A DRILL STOP MUST BE USED TO PREVENT THE DRILL FROM DAMAGING OR PENETRATING THE FACE SKIN OF THE INTAKE PANEL.
- 2. Locate bonding strap in position and drill to suit composi-lok fasteners MBF2110-05.
- Install bonding strap using composi-lok fasteners MBF2110-05-150 NOTE: DO NOT APPLY HYLOMAR PL32M TO MATING SURFACES OF THE BONDING STRAP.

Incorporated from Order 030086815-03 - 0010 - 0024

Perf. by	Date	Time	Insp. by	Date	Time	
000286	16/OCT/201	18 15:21:14	010406	16/OCT/201	18 15:31:56	

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## SERVICE ORDER OPERATIONS LOG

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1AGNAS

Work Order Number: Service Ord 30086815 30086815		der Number:	Aircraft Model : Nacelle TRENT		
Nomenclature: COWL, NOSE, FULLY EQUIPPED		Part Number: SJ30361		Serial Num SB/RR/T70	
Operation Number Badge	D 1 Badg	ge ID 2			Work Center

Operation Text OPS 33.4-33.8

0490-0025

33. INSTALL EQUIPMENT ON INTAKE ASSY

- 4. Using probe mounting assembly position iwo P2T2 probe base and clamp secure. progressively drill, open and csk 8-off 0.2047/.2077" dia holes through intake.
- 5. Apply hylomar PL32M to mating surfaces, and install the P2/T2 probe mounting ring SJ30293, and P2/T2 probe mounting assy, using 8 hi-lok pins HL349AP6 or alternative HL349VF6 and collars HL585DU6AW in position on intake panel SJ30914.
- 6. Using jig template, locate position of 3 P2/T2 support brackets (QTY 2 SJ30733, QTY 1 SJ30734)on intake assy, and drill to suit composi-lok fasteners MBF2110-05-150.
- 7. Treat all trimmed or cut edges in composite material with lacquer mixed with equal volumes base & catalyst EC75 & ACT65.
- 8. Apply hylomar to mating surfaces, and wet assemble 3 P2/T2 support brackets using composi-lok fasteners MBF2110-05 series.

Incorporated from Order 030086815-03 - 0010 - 0025

Perf. by	Date	Time	Insp. by	Date	Time	
000286	16/OCT/2018	15:21:14	010406	16/OCT/20	18 15:31:56	

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1AGNAS

1AGNAS

Work Order Number: Service Ord 30086815		der Number:	Aircraft Model : Nacelle TRENT		
Nomenclature: COWL, NOSE, FULLY EQUIPPED		Part Number: SJ30361		Serial Num SB/RR/T70	
Operation Number Bad	ge ID 1 Badg	ge ID 2			Work Center

**Operation Text** 

0490-0026

OPS 33.9-33.10

- 33. INSTALL EQUIPMENT ON INTAKE ASSY
- Install P2/T2 tube assy and Lane A, Lane B electrical harnesses to support brackets using bolts NAS6703U2 bolts, nuts MS21043-3 and washers AN960C10L. Torque tighten to 40lbs ins.
- 10. Remove blanks, and connect P2/T2 Tube assy and Lane A, Lane B electrical harnesses to P2/T2 probe. Torque tighten tube assy connector to 2401b ins.

Incorporated from Order 030086815-03 - 0010 - 0026

Perf. by	Date	Time	Insp. by	Date	Time	
000286	16/OCT/201	18 15:21:14	010406	16/OCT/2018	15:31:56	
Operatio	n Number	Badge ID 1	Badge ID 2	2		Work Center

### **Operation Text**

0490-0027

OPS 28.5-28.7

- 28. ATTACH ENGINE RING TO INTAKE ASSY
- Apply silicone adhesive RTV732 to sealing blocks SJ30235, and install to fill gap at aft end of fireguard plates. Apply silcoset 153 to seal aft edge of intake panel.
- Prepare firewall sealant PR-812 in accordance with the manufacturers instructions, and apply to seal exposed edges of fireguard plates.
- Apply silcoset 153 to fill intake radial joint gaps.

Incorporated from Order 030086815-03 - 0010 - 0027

Perf. by	Date	Time	Insp. by	Date	Time	
000286	16/OCT/201	18 15:21:14	010406	16/OCT/201	18 15:31:56	

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# SERVICE ORDER OPERATIONS LOG

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			,,					
Work Order Number: 30086815		<b>Service O</b> 30086815	rder Number:	Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULLY	EQUIPF	PED	Part Number: SJ30361			Number: R/T700/1302		
Operation Number 0490-0028	Badge I	D 1 Bac	dge ID 2 Work Center 1AGNAS					
Operation Text INSP 34.1-34.6								
34. FINAL INSPECT	ı							
1. Confirm AGS a	ppendi:	x sheet o	completed.					
2. Using a suita assy adjacent to			_	air scheme numb	er CSRSCH8	221 onto the barrel		
3. Vibro etch or	elect	ro etch m	modification pla	ate with SB71-H	205.			
4. Vibro etch or line, re-identify			<del>-</del>	_	_	er with a single celled number.		
5. Confirm assy	meets	the aerod	dynamic smoothne	ess requirement	s of RB211	Trent SRM 54-01-01.		
6. Final inspect	to en	sure that	all work has h	oeen carried ou	t i.a.w CS	RSCH8221.		
Incorporated from	Order	03008681	.5-03 - 0010 - 0	028				
Insp. by Date	Time	e						
010406 31/OCT/2018	3 11:48:3	0						
Operation Number 0500	<b>Badge I</b> B021005		dge ID 2 10406			Work Center 1AGNAS		
Operation Text FRSZ022. EEC DUCT	INLET H	AS CRACK	( APPORX 1.0" IN L	ENGTH.				
Incorporated from	Order	03008681	.5-04 - 0010 -					
Operation Number 0500-0010	Badge I	D 1 Bac	dge ID 2			Work Center 1AGNAS		
Operation Text Repair in Accordance w BOMBARDIER AEROSPA		4 71-60-0	0 REVISION 6 DA	ATED OCT 10/14 I	REPAIR SCH	EME FRSZ022.		
Incorporated from PRE PFD CRACKS FO POST PFD AFTER WE	UND 055	5379.		010				

Date

Time

Time

Perf. by

Date

Perf. by

#### Receipt Bay (Plant 4008) **Bombardier Aerostructure & Services** 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

#### SERVICE ORDER PERATIONS LOG

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Work Order Number: Service Order Number: Aircraft Model: 30086815 30086815 Nacelle TRENT Nomenclature: Part Number: Serial Number: COWL, NOSE, FULLY EQUIPPED SJ30361 SB/RR/T700/1302 Perf. by Time Perf. by **Time** Date Date 055379 01/OCT/2018 15:53:44 055379 02/OCT/2018 09:18:30 **Operation Number** Badge ID 1 Badge ID 2 **Work Center** 0510 B0203890 1AGNAS **Operation Text** SEVERAL ENGINE RING ATTACHMENT HOLES SHOW WEAR DAMAGE TO INNER BORE FROM ATTACHMENT BOLT THREADS MAX DEPTH 0.005" AS MARKED. Incorporated from Order 030086815-02 - 0010 -**Operation Number** Badge ID 1 Badge ID 2 **Work Center** 0510-0010 B0527887 1AGNAS **Operation Text** REMOVE ALL DAMAGE I.A.W SPM 70-42-11 REPAIR MINOR DAMAGE ON SURFACES, FRS3253 - REPAIR 001, REVISION NO. 50, REV DATE JUL 01/18. POST REPAIR INSPECT HOLE BORES MEET TOLERANCES SPECIFIED IN DESIGN DRAWING SJ30210. Incorporated from Order 030086815-02 - 0010 - 0010 Perf. by Time Time Date Insp. by **Date** 13/OCT/2018 11:41:06 010406 16/OCT/2018 15:33:02 000472 **Operation Number** Badge ID 1 Badge ID 2 **Work Center** 0510-0011 B0527887 1AGNAS **Operation Text** PROTECTIVE TREAT ANY BARE METAL USING ALOCROM 1000 AS PER THE MANUFACTURERS INSTRUCTIONS I.A.W P-SPEC 419 & BAPS 160-020. Incorporated from Order 030086815-02 - 0010 - 0011 Time Insp. by Perf. by Date Date Time 000472 13/OCT/2018 11:41:06 010406 16/OCT/2018 15:33:02 **Operation Number** Badge ID 1 Badge ID 2 **Work Center** B0203890 1AGNAS 0520 **Operation Text** 

FRSZ018. BOTH SKIN GUARDS (SJ30386 & SJ30385) SHOW EXCESSIVE WEAR DAMAGE.

Incorporated from Order 030086815-02 - 0020 -

# Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

## SERVICE ORDER OPERATIONS LOG

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Work Order Number: Service Order Number: Aircraft Model: 30086815 30086815 Nacelle TRENT Part Number: Serial Number: Nomenclature: COWL, NOSE, FULLY EQUIPPED SJ30361 SB/RR/T700/1302 **Operation Number** Badge ID 2 **Work Center** Badge ID 1 0520-0010 1AGNAS **Operation Text** Replace in Accordance with: BOMBARDIER AEROSPACE CMM 71-60-00 DATED OCT 01/14. REV 6. REPAIR FRSZ018. Incorporated from Order 030086815-02 - 0020 - 0010 Perf. bv **Date** Time Insp. by Date Time 000472 15/OCT/2018 11:30:28 010406 16/OCT/2018 15:33:17 **Operation Number** Badge ID 1 Badge ID 2 **Work Center** 0530 B0203890 1AGNAS Operation Text FRSZ019. SKIN VISOR SHOWS EXCESSIVE WEAR DAMAGE. Incorporated from Order 030086815-02 - 0030 -**Operation Number** Badge ID 1 Badge ID 2 **Work Center** 0530-0010 1AGNAS **Operation Text** Replace in Accordance with: BOMBARDIER AEROSPACE CMM 71-60-00 DATED OCT 01/14. REV 6. REPAIR FRSZ019. Incorporated from Order 030086815-02 - 0030 - 0010 Perf. by **Date** Time Insp. by **Date Time** 000472 15/OCT/2018 09:05:49 010406 16/OCT/2018 15:33:32 **Operation Number** Badge ID 1 Badge ID 2 **Work Center** 0540 B0203890 1AGNAS **Operation Text** FRSZ021. RFI SEALS & RETAINERS ARE WORN/TORN. Incorporated from Order 030086815-02 - 0040 -**Operation Number** Badge ID 1 Badge ID 2 **Work Center** 0540-0010 1AGNAS **Operation Text** Replace in Accordance with: BOMBARDIER AEROSPACE CMM 71-60-00 DATED OCT 01/14. REV 6. REPAIR FRSZ021. Incorporated from Order 030086815-02 - 0040 - 0010 LESS RIVETING Perf. by Time Time **Date** Insp. by **Date** 

# Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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Work Order Number 30086815	·:	<b>Service</b> 3008687	Order Nu 15	mber:	Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part I	<b>Number:</b> 361			Serial Number: SB/RR/T700/1302		
Perf. by Date	Tim	е	Insp. by	Date	Time				
002379 18/OCT/20	18 06:34:5	50	010406	31/OCT/20	18 10:18:24				
Operation Number 0550	Badge B02038		Badge ID 2	!			Work Center 1AGNAS		
Operation Text CSRSCH3233 REV N DAMAGE TO REAR Incorporated from	FACING E	EDGE OF	NO MEAS	SURABLE D		AREAS	S OF SMALL NICKS AND CHAFE		
Operation Number 0550-0010	Badge	ID 1 B	Badge ID 2				Work Center 1AGNAS		
Operation Text Perform Work Instruct CSRSCH3233 RE NO Incorporated from	! <b>.</b>		815-02 -	- 0050 - 0	0010				
Perf. by Date	Tim	е	Insp. by	Date	Time				
000286 15/OCT/20	18 11:31:′	18	010406	16/OCT/20	18 15:34:01				
Operation Number 0550-0011	Badge	ID 1 B	Badge ID 2				Work Center 1AGNAS		
Operation Text OP. 1.1 - P2 Incorporated from	m Order	030086	815-02 -	- 0050 - 0	0011				
Perf. by Date	Tim		Insp. by	Date	Time				
000286 15/OCT/20				16/OCT/20					
Operation Number 0550-0012	Badge		Badge ID 2				Work Center 1AGNAS		
Operation Text INSP. 1.2 - P2									
Incorporated fro			815-02 -	- 0050 - 0	0012				
Insp. by Date	Tim		-						
010406 16/OCT/20	<u> 18 15:34:(</u>	)1							

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# SERVICE ORDER OPERATIONS LOG

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Work Order Number: 30086815		<b>Service</b> 3008681	Order Number: 5	Aircraft Model : Nacelle TRENT					
Nomenclature: COWL, NOSE, FULLY	/ EQUIPF	PED	Part Number: SJ30361			Serial Number: SB/RR/T700/1302			
Operation Number 0550-0013	Badge	ID 1 Ba	adge ID 2			Work Center 1AGNAS			
Operation Text OPS. 2.1-2.5 - P3									
Incorporated from	n Order	0300868	15-02 - 0050 - 0	0013					
Perf. by Date	Time	е	Insp. by Date	Time					
000286 15/OCT/201	8 11:31:1	8	010406 16/OCT/20	18 15:34:01					
Operation Number 0550-0014	Badge	ID 1 Ba	adge ID 2			Work Center 1AGNAS			
Operation Text INSP. 2.1-2.5 - P3		0200868	15 02 0050 0	0014					
Incorporated from		T	15-02 - 0050 - 0	1014					
Insp. by Date 010406 16/OCT/201	9 15:24:0								
Operation Number	Badge		adge ID 2			Work Center			
0550-0015	Dauge	ו טו	auge ID 2			1AGNAS			
Operation Text INSP. 3.1-3.3 - P3									
Incorporated from			<del>115-02 - 0050 - 0</del>	0015					
Insp. by Date	Tim								
010406 16/OCT/201						1			
Operation Number 0560	Bo20389		adge ID 2			Work Center 1AGNAS			
0560 B0203890 1AGNAS  Operation Text  REAR B/HEAD CAPPING STRAPS (SJ30315 & SJ30318) SHOW 2 OFF AREAS OF IMPACT DAMAGE M/A 0.75" FULL  THICKNESS OF STRAP AS MARKED.  Incorporated from Order 030086815-02 - 0060 -									
Operation Number	Badge	ID 1 Ba	adge ID 2			Work Center			
0560-0010	B052788					1AGNAS			
Operation Text REPAIR I.A.W CSRS									
Incorporated from									
Perf. by Date	Time		Insp. by Date	Time					
000286 13/OCT/201	<u> </u>	21	010406 16/OCT/20	18 15:34:16					

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# SERVICE ORDER OPERATIONS LOG

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Work Order Number: 30086815	:	<b>Service</b> 3008681	Order Nur 5	mber:	Aircraft Model Nacelle TRENT		
Nomenclature: COWL, NOSE, FULLY	Y EQUIPF	ED.	Part N SJ303	lumber: 61		Serial Number SB/RR/T700/	
Operation Number 0570	Badge I B020389		adge ID 2				Vork Center AGNAS
<b>Operation Text</b> CSRSCH8221 REV B	. P2/T2 P	ROBE BC	ONDING S	TRAP IS FI	RAYED.		
Incorporated from	m Order	0300868	815-02 -	0070 -			
Operation Number 0570-0010	Badge l	D 1 B	adge ID 2				Vork Center AGNAS
Operation Text Replace in Accordanc CSRSCH8221 REV B	. OP 33						
Incorporated from	m Order	0300868	815-02 -	0070 - 0	0010		
Perf. by Date	Time	د	Insp. by	Date	Time		
002379 16/OCT/201	8 01:28:4				18 15:34:32		
002379 16/OCT/201 Operation Number 0580	8 01:28:4 Badge I B020389	2 I <b>D 1 B</b>					Vork Center AGNAS
Operation Number 0580 Operation Text SMALL INTERPHONE	Badge I B020389 E BONDIN	2 ID 1 Ba	010406 adge ID 2	16/OCT/20 'ED.			
Operation Number 0580 Operation Text	Badge I B020389 E BONDIN	2 ID 1 Ba	010406 adge ID 2	16/OCT/20 'ED.			
Operation Number 0580 Operation Text SMALL INTERPHONE	Badge I B020389 E BONDIN	2 Bar	010406 adge ID 2	16/OCT/20 'ED.		1.	
Operation Number 0580 Operation Text SMALL INTERPHONE Incorporated from Operation Number 0580-0010 Operation Text REMOVE AND REPLI- REMOVAL AND INS 02, REVISION 6, REV	Badge   B020389  E BONDIN  M Order  Badge   B052788  ACE TOR STALLATIO	2   D 1   B 2   D 1   B 2   D 1   B 2   D 1   B 2   D 1   CT   D 1   CT   D 1   CT   D 1   D 1   CT   D 1   D 1   CT   D 1   D	010406  adge ID 2  P IS FRAY  815-02 -  adge ID 2  BOND STI	16/OCT/20 ED. 0080 - RAP AND F 50, REV D	18 15:34:32 FASTENERS I.A ATE JUL 01/18 (	л. 1. Т 700 SPM 70-	AGNAS  Vork Center AGNAS  -42-28 FASTENERS
Operation Number 0580 Operation Text SMALL INTERPHONE Incorporated from Operation Number 0580-0010 Operation Text REMOVE AND REPLIANCE AND INS 02, REVISION 6, REVISION 6, REVISION 6, REVISION 6 FOR 10580-00580-	Badge   B020389  EBONDIN  MORDER Badge   B052788  ACE TOR STALLATIO DATE O	2 ID 1 B: 00 STRAI 0300868 ID 1 B: 0300868 CT 01/14.	010406  adge ID 2  P IS FRAY  815-02 -  adge ID 2  BOND STI ISION NO.	TED.  0080 -  RAP AND F 50, REV D	TASTENERS I.A ATE JUL 01/18 (	л. 1. Т 700 SPM 70-	AGNAS  Vork Center AGNAS  -42-28 FASTENERS
Operation Number 0580  Operation Text SMALL INTERPHONE Incorporated from Operation Number 0580-0010  Operation Text REMOVE AND REPL REMOVAL AND INS 02, REVISION 6, REV Incorporated from Perf. by Date	Badge   B020389  E BONDIN  M Order Badge   B052788  ACE TOR STALLATIO / DATE O  M Order Time	2 ID 1 B: 00 STRAI 0300868 ID 1 B: 07 STRAI CT 01/14.	010406 adge ID 2 P IS FRAY 815-02 - adge ID 2 BOND STI ISION NO 815-02 - Insp. by	TED.  0080 -  RAP AND F 50, REV D  0080 - 0  Date	Time	л. 1. Т 700 SPM 70-	AGNAS  Vork Center AGNAS  -42-28 FASTENERS
Operation Number 0580 Operation Text SMALL INTERPHONE Incorporated from Operation Number 0580-0010 Operation Text REMOVE AND REPLIANCE AND INS 02, REVISION 6, REVISION 6, REVISION 6, REVISION 6 FOR 10580-00580-	Badge   B020389  E BONDIN  M Order Badge   B052788  ACE TOR STALLATIO / DATE O  M Order Time	2   D 1   B 2   D 1   B 2   D 1   B 2   D 1   B 2   D 1   CT 01/14.	010406 adge ID 2 P IS FRAY 815-02 - adge ID 2 BOND STI ISION NO 815-02 - Insp. by	TED.  0080 -  RAP AND F 50, REV D  0080 - 0  Date	TASTENERS I.A ATE JUL 01/18 (	T 700 SPM 70-700 CMM 71-6	AGNAS  Vork Center AGNAS  -42-28 FASTENERS

Incorporated from Order 030086815-02 - 0090 -

002379

16/OCT/2018 01:29:17

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## SERVICE ORDER OPERATIONS LOG

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Work Order Number: Service Order Number: Aircraft Model: 30086815 30086815 Nacelle TRENT Part Number: Serial Number: Nomenclature: COWL, NOSE, FULLY EQUIPPED SJ30361 SB/RR/T700/1302 **Operation Number** Badge ID 2 **Work Center** Badge ID 1 0590-0010 1AGNAS **Operation Text** Replace in Accordance with: CSRSCH9051 REV B. TASK CARD 19. Incorporated from Order 030086815-02 - 0090 - 0010 Perf. bv **Date** Time Insp. by Date Time 002379 16/OCT/2018 01:29:07 010406 16/OCT/2018 15:35:20 **Operation Number** Badge ID 1 Badge ID 2 **Work Center** 0600 B0203890 1AGNAS **Operation Text** REAR B/HEAD SEGMENT SHOWS 1 OFF AREA OF WEAR DAMAGE TO REAR FACE M/A 0.5" X 0.5" X 0.006" MAX DEPTH @RAD 300 APPROX WITH NO DISBONDS FOUND. Incorporated from Order 030086815-02 - 0100 -**Operation Number** Badge ID 1 Badge ID 2 **Work Center** 0600-0010 B0527887 1AGNAS **Operation Text** REPAIR 1-OFF AREA OF WEAR DAMAGE I.A.W SRM 54-02-01, REV NO.41, REV DATE MAR 10/18. Incorporated from Order 030086815-02 - 0100 - 0010 Perf. by **Date** Time Insp. by **Date Time** 010406 16/OCT/2018 15:35:46 000286 15/OCT/2018 15:23:10 **Operation Number** Badge ID 1 Badge ID 2 **Work Center** 0610 B0203890 1AGNAS **Operation Text** CSRSCH9051 REV B. RIGID BONDING STRAP IS BROKEN. Incorporated from Order 030086815-02 - 0110 -**Operation Number** Badge ID 1 **Work Center** Badge ID 2 0610-0010 1AGNAS **Operation Text** Replace in Accordance with: CSRSCH9051 REV B. TASK CARD 19. Incorporated from Order 030086815-02 - 0110 - 0010 Perf. by **Date** Time Insp. by Date Time

16/OCT/2018 15:35:59

010406

# Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

## SERVICE ORDER OPERATIONS LOG

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Work Order Number: 30086815	<b>Service Ord</b> 30086815		Aircraft Model : Nacelle TRENT	
Nomenclature: COWL, NOSE, FULLY EQUIPP	PED	Part Number: SJ30361		Serial Number: SB/RR/T700/1302

Operation Number<br/>0620Badge ID 1<br/>B0203890Badge ID 2<br/>1AGNASWork Center<br/>1AGNAS

**Operation Text** 

CSRSCH9051 REV B. INTERPHONE HARNESS TO BE SENT TO C.08 FOR REFURB. SJ30420 & SJ30421 TO BE REPLACED IAW ROLLS ROYCE SERVICE BULLETIN RB211-71-J312 DATED APR.26/17.

Incorporated from Order 030086815-02 - 0120 -

Operation Number<br/>0620-0010Badge ID 1Badge ID 2Work Center<br/>1AGNAS

**Operation Text** 

Replace in Accordance with:

CSRSCH9051 REV B. TASK CARD 19 & RB211-NAC-71-021 PART A DATED 26 APR 2017.

Incorporated from Order 030086815-02 - 0120 - 0010

Perf. by	Date	Time	Insp. by	Date	Time		
002379	16/OCT/201	18 01:29:32	010406	16/OCT/201	8 15:36:34		

Operation NumberBadge ID 1Badge ID 2Work Center0630B02038901AGNAS

**Operation Text** 

P/2/P2 PROBE SERIAL NO. J8863 SHOWS HEAT DISCOLOURATION TO PROBE BODY.

Incorporated from Order 030086815-02 - 0130 -

<b>Operation Number</b>	Badge ID 1	Badge ID 2	Work Center
0630-0010	B0527887		1AGNAS

Operation Text

CAREFULLY REMOVE CORROSION USING SUITABLE SOLVENT AND FINE GRADE SCOTCHBRITE PADS. ENSURE TO REMOVE THE MINIMUM AMOUNT OF MATERIAL NECESSARY.

MAKE SURE TO WIPE SOLVENT DRY PRIOR TO EVAPORATION.

Incorporated from Order 030086815-02 - 0130 - 0010

Perf. by	Date	Time	Insp. by	Date	Time	
002379	16/OCT/201	8 01:30:13	010406	16/OCT/2018	3 15:37:20	

Operation Number<br/>0640Badge ID 1<br/>B0203890Badge ID 2<br/>Badge ID 2Work Center<br/>1AGNAS

Operation Text

CSRSCH9051 REV B. TAI MAIN DUCT OUTER SEAL IS TORN.

Incorporated from Order 030086815-02 - 0140 -

000286

16/OCT/2018 15:37:06

#### Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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Γ		1							
Work Order Number	:		Order Nun	nber:	Aircraft Model :				
30086815		3008681	5		Nacelle TRENT				
Nomenclature:			Part N	umber:			Serial Num	nber:	
COWL, NOSE, FULL	Y EQUIPI	PED	SJ3036	61			SB/RR/T70	0/1302	
Operation Number 0640-0010	Badge	ID 1 Ba		Work Center 1AGNAS					
Operation Text									
Replace in Accordance									
CSRSCH9051 REV B	. TASK	CARD 12.	•						
Incorporated from	m Order	0300868	315-02 -	0140 - 0	010				
Perf. by Date	Time	е	Insp. by	Date	Time				
002379 18/OCT/20 <sup>2</sup>	18 04:36:4			31/OCT/20	18 10:18:38				
Operation Number 0650	Badge B020389	ID 1 Ba	adge ID 2					Work Center 1AGNAS	
TAI MAIN ACCESS P MAX DEPTH 0.005". Incorporated fro					OUTER SURFA	OE SH	OWS SURP	ATOTIES/SCORES	
Operation Number	Badge		adge ID 2	0100				Work Center	
0650-0010	B052788		auge ID Z					1AGNAS	
Operation Text REMOVE ALL DAMA REVISION NO. 50, R Incorporated fro	EV DATE	JUL 01/18	8.			RFACE	ES, FRS3253	3 - REPAIR 001,	
Perf. by Date	Time		Insp. by	Date	Time				
000286 16/OCT/201					18 15:38:50				
Operation Number 0650-0011	Badge B052788	ID 1 Ba	adge ID 2					Work Center 1AGNAS	
Operation Text PROTECTIVE TREATION. I.A.W P-SPEC 419 & Incorporated fro	BAPS 16	0-020.				MANU	JFACTUREF	RS INSTRUCTIONS	
Perf. by Date	Time		Insp. by	Date	Time				
		_							

16/OCT/2018 15:38:50

010406

007589

01/OCT/2018 14:15:27

# Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

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Work Order Number 30086815	:	<b>Service</b> 3008687		er Nur	nber:	Aircraft Model : Nacelle TRENT					
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED		Part N SJ303	lumber: 61					erial Number: B/RR/T700/1302	
Operation Number 0650-0012	Badge B052788		Badge	e ID 2						Work Center 1AGNAS	
Operation Text OBTAIN PTFE TAPE CONFIGURATION), I 'B', IE: 3" AFT AT PPI APPLY DOOR TO LA	REVISION R 152 TO	N 6, REV 3.75" AF	DATI T AT	E OCT	01/14 & F 140.	IT AS PEF	R DIMENS				
Incorporated from	m Order	030086	815-	-02 -	0150 -	0012					
Perf. by Date	Time	е	Ins	o. by	Date	Tim	е				
000286 16/OCT/201	18 15:37:0	)6	010	406	16/OCT/20	18 15:38:5	50				
Operation Number 0660	Badge B020389		Badge	e ID 2						Work Center 1AGNAS	
Operation Text CSRSCH6107 REV N 0.6" X 0.010" MAX DE	PTH.					OFF ARE	A OF WE	AR DA	MAGE TO 1	ΓUBE END M/A 1.1" X	
Incorporated from Operation Number	Badge			e ID 2	0160 -					Work Center	
0660-0010	Baage		uug							1AGNAS	
Operation Text Repair in Accordance CSRSCH6107 REV N											
Incorporated fro								1			
Perf. by Date	Time			o. by	Date	Tim					
007589 01/OCT/201					06/OCT/20	18 08:07:2	21			M	
Operation Number 0660-0011	Badge	1ט1 8	saag	e ID 2						Work Center 1AGNAS	
Operation Text OPS. 1.1-1.2 - P2											
Incorporated fro	m Order	030086	815-	-02 -	0160 -	0011		•			
Perf. by Date	Time	е	Ins	o. by	Date	Tim	е				

06/OCT/2018 08:07:21

010406

#### Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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I I		<b>Service</b> 3008681	Order Number: 5	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIPPED			Part Number: SJ30361	Serial Number: SB/RR/T700/1302			
Operation Number 0660-0012	Badge	ID 1 Ba	adge ID 2	lge ID 2			
Operation Text OPS. 2.1-2.2 - P3							
Incorporated from	n Order	0300868	315-02 - 0160 - 0	0012			
Perf. by Date	Time	9	Insp. by Date	Time			
007589 01/OCT/201	8 14:15:2	27	010406 06/OCT/20	18 08:07:20			
Operation Number 0660-0013	Badge	ID 1 Ba	adge ID 2		Work Center 1AGNAS		
Operation Text INSP. 2.1-2.2 - P3							
Incorporated from			<u> 315-02 - 0160 - 0</u>	0013			
Insp. by Date	Tim						
010406 06/OCT/201							
Operation Number 0660-0014	Badge	ID 1 Ba	adge ID 2		Work Center 1AGNAS		
Operation Text OPS. 3.1 - P3							
Incorporated from				0014			
Perf. by Date	Time	9	Insp. by Date	Time			
007589 01/OCT/201	8 14:15:2	27	010406 06/OCT/20	18 08:08:03			
Operation Number 0660-0015	Badge	ID 1 Ba	adge ID 2		Work Center 1AGNAS		
Operation Text INSP. 3.1 - P3							
Incorporated from Order 030086815-02 - 0160 - 0015							
Insp. by Date	Tim						
010406 06/OCT/201					1		
Operation Number 0660-0016	Badge	ID 1 Ba	adge ID 2		Work Center 1AGNAS		
Operation Text INSP. 4.1 - P3							
Incorporated from	n Order	0300868	315-02 - 0160 - 0	0016			

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			Service Order Number: 30086815		Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIPPED						Serial Number: SB/RR/T700/1302		
Insp. by Date	Tim	е						
010406 06/OCT/201	18 08:07:2	21						
Operation Number 0660-0017	Badge	ID 1 B	Badg	ge ID 2			Work Cen 1AGNAS	iter
Operation Text INSP. 5.1 - P3								
Incorporated from Order 030086815-02 - 0160 - 0017 PFD ACCEPTABLE 055379.								
Insp. by Date	Tim	e						
055379 01/OCT/201	18 15:42:5	57						
Operation Number 0660-0018	Badge	ID 1 B	adç	ge ID 2			Work Cen 1AGNAS	iter
Operation Text OPS. 6.1-6.3 - P3-P4 Incorporated from Order 030086815-02 - 0160 - 0018								
Perf. by Date	Tim	е	Ins	sp. by Date	Time			
007589 01/OCT/201	18 14:15:2	27	01	0406 06/OCT/201	18 08:07:20			
Operation Number 0660-0019	Badge	ID 1 B	Bado	ge ID 2			Work Cen 1AGNAS	iter
Operation Text INSP. 6.1-6.3 - P3-P4								
Incorporated from Order 030086815-02 - 0160 - 0019								
Insp. by Date	Tim		_					
010406 06/OCT/2018 08:07:21								
Operation Number 0660-0020	Badge	ID 1 B	Badg	ge ID 2			Work Cen 1AGNAS	iter
Operation Text INSP. 7.1-7.3 - P4								
Incorporated from Order 030086815-02 - 0160 - 0020								
Insp. by Date	Tim							
010406 06/OCT/201	18 ()8:()7:2	7()	ı					

# Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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		<b>Service 0</b> 30086815	Order Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIPPED			Part Number: SJ30361		Serial Number: SB/RR/T700/1302		
Operation Number 0670	Badge B020389		idge ID 2		Work Center 1AGNAS		
Operation Text CSRSCH9051 REV B. NOSE COWL WILL REQUIRE REBUILD POST REPAIRS.  Incorporated from Order 030086815-02 - 0170 -							
Operation Number 0670-0010	Badge	ID 1 Ba	idge ID 2		Work Center 1AGNAS		
Operation Text Perform Work Instructions IAW: CSRSCH9051 REV B.							
Incorporated from			15-02 - 0170 - 0	0010			
Perf. by Date	Time		Insp. by Date	Time			
002379 16/OCT/201		•	010406 31/OCT/20	18 11:58:25			
Operation Number 0670-0011	Badge	ID 1 Ba	idge ID 2		Work Center 1AGNAS		
Operation Text OPS TC 1 - P3							
Incorporated from Order 030086815-02 - 0170 - 0011 N/A OPS1-8 OP20 ASSY SJ30823 TO BE INSTALLED							
Perf. by Date	Time	e F	Perf. by Date	Time			
002379 16/OCT/2018	3 05:00:3	3 (	002379 16/OCT/20	18 05:01:38			
Operation Number 0670-0012	Badge	ID 1 Ba	idge ID 2		Work Center 1AGNAS		
Operation Text INSP TC 1 - P3							
Incorporated from Order 030086815-02 - 0170 - 0012 N/A NEW PRIMARY FITTED							
Perf. by Date	Time	e I	Insp. by Date	Time			
002379 16/OCT/201	8 05:00:3	3 (	010406 31/OCT/20	18 11:58:26			

# Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

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Work Order Number: 30086815	<b>Service O</b> 30086815	Order Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQU	IPPED	Part Number: SJ30361		Serial Number: SB/RR/T700/1302		
Operation Number Bad 0670-0013	ge ID 1 Bad	dge ID 2		Work Center 1AGNAS		
Operation Text OPS TC 2 - P5 Incorporated from Ord	om 02009691	15 02 0170 0	1013			
_		nsp. by Date	Time			
002379 16/OCT/2018 05:0	-	010406 31/OCT/201				
Operation Number Bad 0670-0014	ge ID 1 Bad	dge ID 2		Work Center 1AGNAS		
Operation Text INSP TC 2 - P5 Incorporated from Order 030086815-02 - 0170 - 0014 N/A NEW PRIMARY FITTED						
Perf. by Date T	ime lı	nsp. by Date	Time			
002379 16/OCT/2018 05:0	0:33	010406 31/OCT/201	18 11:58:26			
Operation Number 0670-0015	ge ID 1 Bad	dge ID 2		Work Center 1AGNAS		
Operation Text OPS TC 3 - P7						
Incorporated from Order 030086815-02 - 0170 - 0015						
Perf. by Date T 002379 16/OCT/2018 05:0		nsp. by Date 010406 31/OCT/201	Time			
	•	dge ID 2	10 11.30.20	Work Center 1AGNAS		
Operation Text INSP TC 3 - P7						
Incorporated from Order 030086815-02 - 0170 - 0016 N/A NEW PRIMARY FITTED						
Perf. by Date T	ime lı	nsp. by Date	Time			
002379 16/OCT/2018 05:0	0:33	010406 31/OCT/201	18 11:58:26			

#### Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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Work Order Number: 30086815	<b>Service O</b> 30086815	rder Number:	Aircraft Model : Nacelle TRENT	
Nomenclature: COWL, NOSE, FULLY EQUII	PPED	Part Number: SJ30361		Serial Number: SB/RR/T700/1302
Operation Number 0670-0017	e ID 1 Bad	lge ID 2		Work Center 1AGNAS
Operation Text OPS TC 4 - P9				
Incorporated from Orde	1			
Perf. by Date Tir 002379 16/OCT/2018 05:00		nsp. by Date 10406 31/OCT/201	Time	
Operation Number         Badg           0670-0018         0670-0018		lge ID 2	10 11.30.20	Work Center 1AGNAS
Operation Text INSP TC 4 - P9				
Incorporated from Orde		5-02 - 0170 - 0	0018	
Perf. by Date Tir		sp. by Date	Time	
002379 16/OCT/2018 05:00	•	10406 31/OCT/20 <sup>2</sup>	18 11:58:26	
Operation Number   Badg   0670-0019	e ID 1 Bad	lge ID 2		Work Center 1AGNAS
Operation Text OPS TC 5 - P11				
Incorporated from Orde	r 03008681	5-02 - 0170 - 0	019	
Perf. by Date Tir		sp. by Date	Time	
002379 16/OCT/2018 05:00	•	10406 31/OCT/201	18 11:58:26	
Operation Number 0670-0020 Badg	e ID 1 Bad	lge ID 2		Work Center 1AGNAS
Operation Text INSP TC 5 - P11				
Incorporated from Orde N/A NEW PRIMARY FITTED		5-02 - 0170 - 0	0020	
Perf. by Date Tir	ne In	sp. by Date	Time	
002379 16/OCT/2018 05:00	:33 0	10406 31/OCT/20 <sup>2</sup>	18 11:58:26	

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# SERVICE ORDER OPERATIONS LOG

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Work Order Number 30086815	:	<b>Service</b> 3008681	Order Number: 5	Aircraft Model : Nacelle TRENT	
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part Number: SJ30361		Serial Number: SB/RR/T700/1302
Operation Number 0670-0021	Badge	ID 1 Ba	adge ID 2		Work Center 1AGNAS
Operation Text OPS TC 6 - P13					
Incorporated from					
Perf. by Date 002379 16/OCT/201	Time		Insp. by Date	Time	
002379 16/OCT/201 Operation Number 0670-0022	Badge	-	010406 31/OCT/20 <sup>-</sup> adge ID 2	10 11.30.20	Work Center 1AGNAS
Operation Text INSP TC 6 - P13					
Incorporated from		0300868	315-02 - 0170 - 0	0022	
Perf. by Date	Time		Insp. by Date	Time	
002379 16/OCT/201	18 05:00:3	33	010406 31/OCT/20	18 11:58:26	
Operation Number 0670-0023	Badge	ID 1 Ba	adge ID 2		Work Center 1AGNAS
Operation Text OPS TC 7 - P15					
Incorporated from					
Perf. by Date	Time		Insp. by Date	Time	
002379 16/OCT/201			010406 31/OCT/20	18 11:58:26	
Operation Number 0670-0024	Badge	ID 1 Ba	adge ID 2		Work Center 1AGNAS
Operation Text INSP TC 7 - P15					
Incorporated from		0300868	315-02 - 0170 - 0	0024	
Perf. by Date	Time	е	Insp. by Date	Time	
002379 16/OCT/201	18 05:00:3	33	010406 31/OCT/20	18 11:58:26	

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Work Order Numbers 30086815		<b>Service 0</b> 30086815	Order Number:	Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULL	Y EQUIPF	PED	Part Number: SJ30361					
Operation Number 0670-0025	Badge	ID 1 Ba	dge ID 2		Work Center 1AGNAS			
Operation Text OPS TC 8 - P17								
Incorporated from	m Order	0300868	15-02 - 0170 - 0	0025				
Perf. by Date	Time	e I	nsp. by Date	Time				
002379 16/OCT/201	8 05:00:3	3 (	010406 31/OCT/20	18 12:04:40				
Operation Number 0670-0026	Badge	ID 1 Ba	dge ID 2		Work Center 1AGNAS			
Operation Text INSP TC 8 - P17								
Incorporated from		0300868	15-02 - 0170 - 0	0026				
Perf. by Date	Time	e I	nsp. by Date	Time				
002379 16/OCT/201	8 05:00:3	3 l	010406 31/OCT/20	18 12:04:40				
	0 00.00.0		010100 01/001/20	10 12.01.10				
Operation Number 0670-0027	Badge	•	dge ID 2	10 12.01.10	Work Center 1AGNAS			
Operation Number		•		10 12.01.10				
Operation Number 0670-0027 Operation Text OPS TC 9 - P20	Badge	ID 1 Ba	dge ID 2					
Operation Number 0670-0027 Operation Text	Badge	ID 1 Ba	dge ID 2					
Operation Number 0670-0027 Operation Text OPS TC 9 - P20 Incorporated from	Badge m Order Time	0300868	dge ID 2 15-02 - 0170 - 0	0027 Time				
Operation Number 0670-0027 Operation Text OPS TC 9 - P20 Incorporated from Perf. by Date	Badge m Order Time	0300868	dge ID 2 15-02 - 0170 - 0 nsp. by Date	0027 Time				
Operation Number 0670-0027 Operation Text OPS TC 9 - P20 Incorporated from Perf. by Date 002379 18/OCT/201 Operation Number	Badge  m Order Time 8 01:38:3	0300868	15-02 - 0170 - 0  15-05 Date 010406 31/OCT/20	0027 Time	1AGNAS  Work Center			
Operation Number 0670-0027 Operation Text OPS TC 9 - P20 Incorporated from Perf. by Date 002379 18/OCT/201 Operation Number 0670-0028 Operation Text	Badge  m Order Time 8 01:38:3	0300868 e I 37 ( ID 1 Ba	15-02 - 0170 - 0  nsp. by Date 010406 31/OCT/20  dge ID 2	0027 Time 18 12:04:40	1AGNAS  Work Center			
Operation Number 0670-0027 Operation Text OPS TC 9 - P20 Incorporated from Perf. by Date 002379 18/OCT/201 Operation Number 0670-0028 Operation Text INSP TC 9 - P20	Badge  m Order Time 8 01:38:3	0300868 e I 87 ( ID 1 Ba	15-02 - 0170 - 0  nsp. by Date 010406 31/OCT/20  dge ID 2	0027 Time 18 12:04:40	1AGNAS  Work Center			
Operation Number 0670-0027 Operation Text OPS TC 9 - P20 Incorporated from Perf. by Date 002379 18/OCT/201 Operation Number 0670-0028 Operation Text INSP TC 9 - P20 Incorporated from Incorporated from Incorporated from Incorporated from Incorporated from 1670-0027	Badge  m Order Time 8 01:38:3 Badge  m Order Time	0300868	15-02 - 0170 - 0  nsp. by Date 010406 31/OCT/20  dge ID 2	0027 Time 18 12:04:40	1AGNAS  Work Center			
Operation Number 0670-0027 Operation Text OPS TC 9 - P20 Incorporated from Perf. by Date 002379 18/OCT/201 Operation Number 0670-0028 Operation Text INSP TC 9 - P20 Incorporated from Insp. by Date	Badge  m Order Time 8 01:38:3 Badge  m Order Time	0300868 e I 87 ( ID 1 Ba	15-02 - 0170 - 0  nsp. by Date 010406 31/OCT/20  dge ID 2	0027 Time 18 12:04:40	1AGNAS  Work Center			
Operation Number 0670-0027 Operation Text OPS TC 9 - P20 Incorporated from Perf. by Date 002379 18/OCT/201 Operation Number 0670-0028 Operation Text INSP TC 9 - P20 Incorporated from Insp. by Date 010406 31/OCT/201 Operation Number	m Order Time 8 01:38:3 Badge  m Order Tim 8 12:04:4	0300868 e I 87 ( ID 1 Ba	15-02 - 0170 - 0 nsp. by Date 010406 31/OCT/20 dge ID 2	0027 Time 18 12:04:40	Work Center 1AGNAS  Work Center			

Receipt Bay (Plant 4008)
Bombardier Aerostructure & Services
229-333 Doagh Road
Northern Ireland BT36 6XA
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# SERVICE ORDER OPERATIONS LOG

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Work Order Number 30086815	:	<b>Service</b> 3008687	Order Number: 15	Aircraft Model : Nacelle TRENT		
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part Number: SJ30361		Serial Number: SB/RR/T700/1302	
Perf. by Date	Time	е	Insp. by Date	Time		
000286 16/OCT/20 <sup>-</sup>	18 15:25:1	19	010406 16/OCT/20	18 15:27:00		
Operation Number 0670-0030	Badge	ID 1 B	sadge ID 2		Work Center 1AGNAS	r
Operation Text INSP TC 10 - P23						
Incorporated fro	m Order	030086	815-02 - 0170 - 0			
Insp. by Date	Tim		Perf. by Date	Time		
010406 31/OCT/20 <sup>-</sup>	18 12:04:4	10	058760 31/OCT/20 <sup>-</sup>	18 10:55:33		
Operation Number 0670-0031	Badge	ID 1 B	Badge ID 2		Work Center 1AGNAS	r 
Operation Text INSP TC 11 - P25	0.1.	020006	015 00 0150 0			
			815-02 - 0170 - 0	0031		
Insp. by Date 010406 31/OCT/20	Tim					
<b>Operation Number</b> 0670-0032	Badge		adge ID 2		Work Center	r
Operation Text OPS TC 12 - P28						
Incorporated fro		030086	815-02 - 0170 - 0	0032		
Perf. by Date	Time	е	Insp. by Date	Time		
002379 18/OCT/20	18 02:16:0	)7	010406 31/OCT/20	18 12:04:40		
Operation Number 0670-0033	Badge	ID 1 B	adge ID 2		Work Center	r
Operation Text INSP TC 12 - P28					,	
Incorporated fro	m Order	030086	815-02 - 0170 - 0	0033		
Insp. by Date	Tim	е				
010406 31/OCT/201	18 12:04:4	10				

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# SERVICE ORDER OPERATIONS LOG

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Work Order Number: 30086815 Service Order Number: Aircraft Model : Nacelle TRENT							
Nomenclature: COWL, NOSE, FULLY EQUIPPED  Part Number: SJ30361  Serial Num SB/RR/T700							
Operation Number 0670-0034	Badge	ID 1 B	adge	ID 2			Work Center 1AGNAS
Operation Text OPS TC 13 - P31							
Incorporated from	n Order	0300868	815-0	2 - 0170 - 0	0034		
Insp. by Date	Time	е	Perf.	by Date	Time		
010406 31/OCT/201	8 12:04:4	·0	05876	60 31/OCT/20	18 10:55:34		
Operation Number 0670-0035	Badge	ID 1 B	adge	ID 2			Work Center 1AGNAS
Operation Text INSP TC 13 - P31		020006	215 0	0.150	2025		
Incorporated from			815-0	2 - 0170 - 0	0035		
Insp. by Date	Time						
010406 31/OCT/201			- 1	ID 0			Waste Carrier
Operation Number 0670-0036	Badge	ID 1 B	adge	ID 2			Work Center 1AGNAS
Operation Text OPS TC 14 - P33	. 0	030086	015 0	2 0170 (	2026		
Incorporated from Insp. by Date	Time		Perf.		Time		
010406 31/OCT/201			05876		18 10:55:34		
Operation Number 0670-0037	Badge	•	adge		10 10.00.04		Work Center 1AGNAS
Operation Text INSP TC 14 - P33							
Incorporated from	n Order	0300868	815-0	2 - 0170 - 0	0037		
Insp. by Date	Tim						
010406 31/OCT/201	8 12:04:4	0					
Operation Number 0670-0038	Badge	ID 1 B	adge	ID 2			Work Center 1AGNAS
Operation Text INSP TC 15 - P35							
Incorporated from	n Order	0300868	815-0	2 - 0170 - 0	0038		
Insp. by Date	Tim	е					

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Work Order Number 30086815	:	<b>Service</b> 3008687	Order Number: 15	Aircraft Model : Nacelle TRENT	
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part Number: SJ30361		Serial Number: SB/RR/T700/1302
Insp. by Date	Tim	е			
010406 31/OCT/201	18 12:04:4	10			
Operation Number 0670-0039	Badge	ID 1 B	Badge ID 2		Work Center 1AGNAS
Operation Text OPS TC 16 - P37					
Incorporated from	m Order	030086	815-02 - 0170 - 0	039	
Perf. by Date	Tim	е	Insp. by Date	Time	
000286 16/OCT/201	18 15:27:2	26	010406 16/OCT/201	18 15:27:44	
Operation Number 0670-0040	Badge	ID 1 B	Badge ID 2		Work Center 1AGNAS
Operation Text INSP TC 16 - P37					
Incorporated from	m Order	030086	815-02 - 0170 - 0	040	
Insp. by Date	Tim				
010406 16/OCT/201	18 15:27:4	14			
Operation Number 0670-0041	Badge	ID 1 B	Badge ID 2		Work Center 1AGNAS
Operation Text OPS TC 17 - P39					
Perf. by Date	m Order Tim		815-02 - 0170 - 0 Insp. by Date	Time	
002379 16/OCT/201			Insp. by Date 010406 16/OCT/201	-	
Operation Number 0670-0042	Badge		Badge ID 2	10.27.00	Work Center 1AGNAS
Operation Text INSP TC 17 - P39					
_			815-02 - 0170 - 0	042	
Insp. by Date	Tim				
010406 16/OCT/201	18 15:27:0	00			

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Work Order Number: 30086815	<b>Service Or</b> 30086815	der Number:	Aircraft Model : Nacelle TRENT	
Nomenclature: COWL, NOSE, FULLY EQU	IIPPED	Part Number: SJ30361		Serial Number: SB/RR/T700/1302
Operation Number Bad 0670-0043	ge ID 1 Bad	ge ID 2		Work Center 1AGNAS
Operation Text OPS TC 18 - P41				
Incorporated from Ord	er 03008681	5-02 - 0170 - 0	0043	
Perf. by Date T	ime In	sp. by Date	Time	
002379 16/OCT/2018 05:0	01:25	0406 16/OCT/20	18 15:27:00	
Operation Number Bad 0670-0044	ge ID 1 Bad	ge ID 2		Work Center 1AGNAS
Operation Text INSP TC 18 - P41				
Incorporated from Ord	T T	5-02 - 0170 - 0	0044	
	ime			
010406 31/OCT/2018 12:0				T
Operation Number Bad 0670-0045	ge ID 1 Bad	ge ID 2		Work Center 1AGNAS
Operation Text OPS TC 19 - P44				
Incorporated from Ord	ler 03008681	5-02 - 0170 - 0	0045	
		sp. by Date	Time	
000286 16/OCT/2018 15:2	28:34   01	0406 16/OCT/20	18 15:28:53	
Operation Number Bad 0670-0046	ge ID 1 Bad	ge ID 2		Work Center 1AGNAS
Operation Text INSP TC 19 - P44				
Incorporated from Ord	er 03008681	5-02 - 0170 - 0	0046	
Insp. by Date 1	ime			
010406 16/OCT/2018 15:2	28:53			
Operation Number Bad 0670-0047	ge ID 1 Bad	ge ID 2		Work Center 1AGNAS
Operation Text OPS TC 20 - P47				
Incorporated from Ord	er 03008681	5-02 - 0170 - 0	0047	
Perf. by Date T	ime In	sp. by Date	Time	

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Work Order Number 30086815	:	<b>Service</b> 3008681	Order Number: 5	Aircraft Model : Nacelle TRENT		
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part Number: SJ30361		Serial Nun SB/RR/T70	
Perf. by Date	Time		Insp. by Date			
002379 16/OCT/20	<u> 18 05:00:3</u>	33	010406 16/OCT/	2018 15:27:00		
Operation Number 0670-0048	Badge	ID 1 B	adge ID 2			Work Center 1AGNAS
Operation Text FINAL INSP TC 20 -		030086	215 02 0170	0049		
Incorporated fro			515-02 - 01/0 -	0048		
Insp. by Date	Tim					
010406 31/OCT/20	18 12:04:4	•				ī
Operation Number 0680	Badge B020389		adge ID 2			Work Center 1AGNAS
Operation Text CSRSCH8502 REV E Incorporated from						
Operation Number 0680-0010	Badge		adge ID 2			Work Center 1AGNAS
Operation Text Perform Work Instruct CSRSCH8502 REV E Incorporated from	•		815-02 - 0180 -	. 0010		
Perf. by Date	Time		Insp. by Date			
010406 18/OCT/20			010406 18/OCT/			
<b>Operation Number</b> 0680-0011	Badge	•	adge ID 2	2010 10:11:10		Work Center 1AGNAS
Operation Text OPS 1 - P2						
Incorporated fro		ĺ				
Perf. by Date	Time		Insp. by Date			
010406 18/OCT/20	18 13:37:4	10	010406 18/OCT/	2018 13:41:18		1
Operation Number 0680-0012	Badge	ID 1 B	adge ID 2			Work Center 1AGNAS
Operation Text INSP 2-3 - P2						
Incorporated fro	m Order	0300868	815-02 - 0180 -	0012		

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Work Order Number 30086815	:	<b>Service</b> 300868	Order Number: 15	Aircraft Model : Nacelle TRENT	
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part Number: SJ30361	•	Serial Number: SB/RR/T700/1302
Insp. by Date	Tim	е			•
010406 18/OCT/201	18 13:41:1	18			
Operation Number 0680-0013	Badge	ID 1 B	Badge ID 2		Work Center 1AGNAS
Operation Text INSP 4-5 - P3					
Incorporated from	m Order	030086	815-02 - 0180 -	0013	
Insp. by Date	Tim	<u>e</u>			
010406 18/OCT/201	18 13:41:1	18			
Operation Number 0680-0014	Badge	ID 1 B	Badge ID 2		Work Center 1AGNAS
Operation Text INSP 6-7 - P3					
Incorporated from	m Order	030086	815-02 - 0180 -	0014	
Insp. by Date	Tim	е			
010406 18/OCT/201	18 13:41:1	18			
Operation Number 0680-0015	Badge	ID 1 B	Badge ID 2		Work Center 1AGNAS
Operation Text INSP 8 - P3					
			815-02 - 0180 -	0015	
Insp. by Date	Tim				
010406 18/OCT/201			) - de ID 0		Marila Caratan
Operation Number 0680-0016	Badge	1D 1 B	Badge ID 2		Work Center 1AGNAS
Operation Text INSP 9 - P3					
Incorporated from	m Order	030086	815-02 - 0180 -	0016	
Insp. by Date	Tim				
010406 18/OCT/201	18 13:41:1	18			

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Work Order Number: 30086815	<b>Service Or</b> 30086815	der Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIP	PED	Part Number: SJ30361		Serial Number: SB/RR/T700/1302		
Operation Number Badge 0680-0017	ID 1 Bad	ge ID 2		Work Center 1AGNAS		
Operation Text INSP 10-14 - P4						
Incorporated from Order	03008681	5-02 - 0180 - 0	0017			
Insp. by Date Tin	ne					
010406 18/OCT/2018 13:41:	18					
Operation Number Badge 0680-0018	ID 1 Bad	ge ID 2		Work Center 1AGNAS		
Operation Text OPS 15-27 - P4-5						
Incorporated from Order						
Perf. by Date Tin		sp. by Date	Time			
010406 18/OCT/2018 13:37:	•		18 13:41:18			
Operation Number Badge 0680-0019	ID 1 Bad	ge ID 2		Work Center 1AGNAS		
Operation Text INSP 15-27 - P5						
Incorporated from Order	03008681	5-02 - 0180 - 0	0019			
Insp. by Date Tin						
010406 18/OCT/2018 13:41:	18					
Operation Number Badge 0680-0020	ID 1 Bad	ge ID 2		Work Center 1AGNAS		
Operation Text OPS 28-31 - P5						
Incorporated from Order	03008681	5-02 - 0180 -	0020			
Perf. by Date Tin		sp. by Date	Time			
010406 18/OCT/2018 13:37:	41 01	0406 18/OCT/20	18 13:41:18			
Operation Number Badge 0680-0021	ID 1 Bad	ge ID 2		Work Center 1AGNAS		
Operation Text FINAL INSP 28-31 - P5						
Incorporated from Order	03008681	5-02 - 0180 - (	0021			

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Work Order Number 30086815	:	Service 300868	Order Num 15		Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part Nu SJ3036				Serial Number: SB/RR/T700/1302	
Insp. by Date	Tim	е	•					
010406 18/OCT/20	18 13:41:	18						
Operation Number 0690	Badge B02038		Badge ID 2				Work Center 1AGNAS	
Operation Text CSRSCH8250 REV A AEROWAVE 2001. Incorporated from					AINT POST TEST	PROC	CEDURES. PRIMER PAINT SPEC	
				0190 -			Work Center	
Operation Number 0690-0010	Badge	ו עו	Badge ID 2				1AGNAS	
Operation Text Perform Work Instruct CSRSCH8250 REV A  Incorporated from Insp. by Date	٠.	030086	815-02 - (	0190 - 00 <b>Date</b>	010 Time			
010406 31/OCT/20	18 10:08:5	 58	011356 3	1/OCT/201	8 08:47:40			
Operation Number 0690-0011	Badge	ID 1 B	Badge ID 2				Work Center 1AGNAS	
Operation Text OPS 1.0-2.6 - P2-3 Incorporated from 29/10/18 TO	om Order		815-02 - (	0190 - 00	T			
Perf. by Date	Tim		Perf. by	Date	Time			
011356 31/OCT/201			011356 3	1/OCT/201	8 08:47:40			
Operation Number 0690-0012	Badge	ID 1 B	Badge ID 2				Work Center 1AGNAS	
Operation Text INSP 1.0-2.6 - P3	0 1-	02000		0100	21.0			
Incorporated fro			815-02 - 0	OTAO - 00	)T5			
Insp. by Date 010406 31/OCT/20	Tim							
1010400 31/001/20	10 10.00.0	,,,	1					

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Work Order Number 30086815	:	<b>Service</b> 3008681	Order Number: 5	Aircraft Model : Nacelle TRENT	
Nomenclature:			Part Number:	•	Serial Number:
COWL, NOSE, FULL	Y EQUIPI	PED	SJ30361		SB/RR/T700/1302
Operation Number 0690-0013	Badge	ID 1 B	adge ID 2		Work Center 1AGNAS
Operation Text OPS 3.1-4.6 - P4-5					
_	m Order M 10.45		815-02 - 0190 - 0	0013	
Perf. by Date	Time	е	Perf. by Date	Time	
011356 31/OCT/201	8 08:42:4	0	011356 31/OCT/20	18 08:47:40	
Operation Number 0690-0014	Badge	ID1 B	adge ID 2		Work Center 1AGNAS
Operation Text FINAL INSP 5.1-5.2 -	P5-6				•
Incorporated fro	m Order	030086	815-02 - 0190 - 0	0014	
Insp. by Date	Tim	е			
010406 31/OCT/20	18 10:08:5	8			
<b>Operation Number</b> 0700	Badge B020389		adge ID 2		Work Center 1AGNAS
Operation Text CSRSCH8261 REV N SPEC: BAC7067 RO			VILL REQUIRE TOP (	COAT PAINT POST PRIM	ER PAINT. TOP COAT PAINT
Incorporated fro	m Order	030086	815-02 - 0200 -		
Operation Number 0700-0010	Badge	ID 1 B	adge ID 2		Work Center 1AGNAS
Operation Text Perform Work Instruc CSRSCH8261 REV N		:			
_			815-02 - 0200 - 0		
Insp. by Date	Tim		Perf. by Date	Time	
010406 31/OCT/20	<u>18 10:16:1</u>	15	011356 31/OCT/20	18 08:43:00	
Operation Number 0700-0011	Badge	ID 1 B	adge ID 2		Work Center 1AGNAS
Operation Text OPS 1-2 - P2-P3					
Incorporated fro	m Order	030086	815-02 - 0200 - 0	0011	

#### Receipt Bay (Plant 4008) Bombardier Aerostructure & Services 229-333 Doagh Road Northern Ireland BT36 6XA +44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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Work Order Number: Servi 30086815				der Number:	Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULLY EQUIPPED								<b>Number:</b> /T700/1302	
Perf. by Date Time				rf. by Date	Time				
011356 31/OCT/2018 08:42:59 011356 31/OCT/2018 08:48:27									
Operation Number 0700-0012	Badge	ID 1 B	adg	je ID 2				Work Center 1AGNAS	
Operation Text INSP 1-2 - P2-P3									
Incorporated from Order 030086815-02 - 0200 - 0012 DOM 29/10/2018 TOM 15.00 PM									
Insp. by Date	Tim								
010406 31/OCT/2018	10:16:1	5							
Operation Number 0700-0013	Badge	ID 1 B	adg	je ID 2				Work Center 1AGNAS	
Operation Text OPS 3 - P3-P4									
Incorporated from	Order	030086	815	-02 - 0200 - 0	013				
Perf. by Date	Time	9	Pe	rf. by Date	Time				
011356 31/OCT/2018	08:43:00	0	011	1356 31/OCT/201	18 08:48:27				
Operation Number 0700-0014	Badge	ID 1 B	adg	je ID 2				<b>Work Center</b> 1AGNAS	
Operation Text OPS 4 - P4									
Incorporated from Order 030086815-02 - 0200 - 0014									
Perf. by Date	Time	9	Pe	rf. by Date	Time				
011356 31/OCT/2018	08:42:59	9	011	1356 31/OCT/201	18 08:48:27				
Operation Number 0700-0015	Badge	ID 1 B	adg	je ID 2				Work Center 1AGNAS	
Operation Text INSP 4 - P4									
Incorporated from	Order	030086	815	-02 - 0200 - 0	015				
DOA 29/10/2018 TO	OA 15.	15 PM			1				
Insp. by Date	Tim	е							
010406 31/OCT/2018	10:16:1	5							

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# SERVICE ORDER OPERATIONS LOG

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I		Service Order Number: 30086815		Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULL	Y EQUIPI	PED	Part Number: SJ30361		Serial Number: SB/RR/T700/1302			
Operation Number 0700-0016	Badge	ID 1 B	adge ID 2		Work Center 1AGNAS			
Operation Text INSP 5 - P4-P5								
Incorporated from	m Order	0300868	815-02 - 0200 - 0	0016				
Insp. by Date	Tim	е						
010406 31/OCT/201	8 10:16:1	5						
Operation Number 0700-0017	Badge	ID 1 B	adge ID 2		Work Center 1AGNAS			
Operation Text INSP 6 - P5								
			815-02 - 0200 - 0	0017				
Insp. by Date	Tim							
010406 31/OCT/201			1 10 0					
Operation Number 0710	Bo20389		adge ID 2		Work Center 1AGNAS			
Operation Text CSRSCH2136 REV A. USE STENCILS IN LIEU OFF DECALS.  Incorporated from Order 030086815-02 - 0210 -								
Operation Number 0710-0010	Badge	ID1 B	adge ID 2		Work Center 1AGNAS			
Operation Text Perform Work Instructions IAW: CSRSCH2136 REV A.  Incorporated from Order 030086815-02 - 0210 - 0010 DOA 30/10/18 TOA 1.00PM								
Perf. by Date	Time		Perf. by Date	Time				
011356 29/OCT/201			011356 31/OCT/20					
Operation Number 0720	<b>Badge</b> B020389	ID 1 B	adge ID 2	1	Work Center 1AGNAS			
Operation Text APPLY AERODYNAMIC SEALANT IWO OUTERSKINS POST PAINT.								
Incorporated from Order 030086815-02 - 0220 -								

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# SERVICE ORDER OPERATIONS LOG

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		<b>Service</b> 3008681	<b>Order Number:</b> 5	Aircraft Model : Nacelle TRENT				
Nomenclature: COWL, NOSE, FULLY EQUIPPED			Part Number: SJ30361		Serial Number: SB/RR/T700/1302			
Operation Number         Badge ID 1         Badge ID 1           0720-0010         B0527887			adge ID 2	Work Center 1AGNAS				
Operation Text CSRSCH6006 REV A.								
Incorporated from Order 030086815-02 - 0220 - 0010								
Insp. by Date	Tim		Perf. by Date	Time				
010406 31/OCT/201			058760 31/OCT/20	18 10:54:23				
Operation Number 0720-0011	<b>Badge</b> B052788		adge ID 2		Work Center 1AGNAS			
Operation Text OPS 1A-1B - P2								
Incorporated from Order 030086815-02 - 0220 - 0011								
Insp. by Date	Tim	е	Perf. by Date					
010406 31/OCT/2018 11:59:18 058760 31/OCT/2018 10:54:23								
Operation Number         Badge ID 1         Ba           0720-0012         B0527887			adge ID 2		Work Center 1AGNAS			
Operation Text OPS 2A-2K - P3								
Incorporated from Order 030086815-02 - 0220 - 0012 Insp. by Date Time Perf. by Date Time								
Insp. by Date 010406 31/OCT/201		+	Perf. by Date 058760 31/OCT/20	<b>Time</b> 18 10:54:23				
Operation Number	Badge		adge ID 2	10 10.54.25	Work Center			
0720-0013	B052788		adge ID L		1AGNAS			
Operation Text FINAL INSP 3A - P3								
Incorporated from Order 030086815-02 - 0220 - 0013								
Insp. by Date	Tim	е						
010406 31/OCT/201	18 11:59:1	8						
Operation Number 0730	Badge B02100		adge ID 2 0210406		Work Center 1AGNAS			
Operation Text FRSZ022. EEC DUCT INLET HAS CRACK APPORX 1.0" IN LENGTH.  Incorporated from Order 030086815-04 - 0010 -								

Receipt Bay (Plant 4008)
Bombardier Aerostructure & Services
229-333 Doagh Road
Northern Ireland BT36 6XA
+44 (0)28 9046 2943

# SERVICE ORDER OPERATIONS LOG

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		<b>Service O</b> 30086815	rder Number:	Aircraft Model : Nacelle TRENT			
Nomenclature: COWL, NOSE, FULLY EQUIPPED		Part Number: SJ30361			Serial Number: SB/RR/T700/1302		
Operation Number 0730-0010	Badge	ID 1 Bad		Work Center 1AGNAS			
Operation Text Repair in Accordance with: BOMBARDIER AEROSPACE CMM 71-60-00 REVISION 6 DATED OCT 10/14 REPAIR SCHEME FRSZ022.  Incorporated from Order 030086815-04 - 0010 - 0010							
Insp. by Date	Tim	е					
010406 16/OCT/201	8 15:39:1	5					