









1.Approving Competent Authority / Country CAA UK		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1				3.Form Tracking Number , RU64390001	
4.Approved Organisation Name and Address Goodrich Control Systems Ltd Engine Control Systems		ISSUING SITE: The Radleys Marston Green Birmingham B33 0HZ		Telephone: +44 (0) 121 788 5000 Facsimile: +44 (0) 121 779 5712			5.Work Order / Contract / Invoice 4000074467
6.Item 01	7.Description Power Controller Unit	8.Part No. PCU5000MK5	9.Eligibility * TRENT	10.Qty 1.000			11.Serial / Batch No. BX480408
13.Remarks REF: CMM 73-21-45 ISSUE 6 AND APPROVED DESIGN DATA. REPAIRED, RECERTIFIED. IN ACCORDANCE WITH ES-36-004. TSN:6124.00 CSN:1111.00 KENYA AIRWAYS P/O RO542846, ROLLS ROYCE P/O 4000074467.				FAA DUAL RELEASE Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13, was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work the items are approved for return service.			
				Authorised Signature 	Approval Certificate No. LU6Y506J		
Subject to the limitations detailed in Goodrich letter dated 31st July 2006 this equipment/order conforms to Rolls Royce SABRe Requirements							
14. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> approved design data and are in condition for safe operation <input type="checkbox"/> non-approved design data specified in Block 13				19. <input checked="" type="checkbox"/> Part-145.A.50 Release to Service <input checked="" type="checkbox"/> Other Regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13, was accomplished in accordance with Part145 and in respect to that work the items are considered ready for release to service.			
15.Authorised Signature N/A		16.Approval/Authorisation Number N/A		20.Authorised Signature 		21.Certificate / Approval Ref. No. UK.145.00857	
17.Name N/A		18.Date (d/m/y) N/A		22.Name J.P.ROBINSON 		23.Date (d/m/y) 14-NOV-2008	

EASA Form 1 Issue 1

*Installer must cross-check eligibility with applicable technical data

Authorised Release Certificate - EASA Form 1
USER/INSTALLER RESPONSIBILITIES

- It is important to understand that the existence of the document alone does not automatically constitute authority to install the part/component/assembly.
- Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority specified in block 1.
- Statements 14 and 19 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

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4. Approved Organisation Name and Address Goodrich Control Systems Ltd Engine Control Systems		ISSUING SITE: The Radleys Marston Green Birmingham B33 0HZ		Telephone: +44 (0) 121 788 5000 Facsimile: +44 (0) 121 779 5712		5. Work Order / Contract / Invoice 4000074467	
							
6. Item	7. Description	8. Part No.	9. Eligibility *	10. Qty	11. Serial / Batch No.	12. Status / Work	
01	Power Controller Unit	PCU5000MK5	TRENT	1.000	BX480408	REPAIRED	
13. Remarks REF: CMM 73-21-45 ISSUE 6 AND APPROVED DESIGN DATA. REPAIRED, RECERTIFIED. IN ACCORDANCE WITH ES-36-004. TSN:6124.00 CSN:1111.00 KENYA AIRWAYS P/O RO542846, ROLLS ROYCE P/O 4000074467.			FAA DUAL RELEASE Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13, was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work the items are approved for return service.				
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17. Name N/A		18. Date (d/m/y) N/A		22. Name J. P. ROBINSON 		23. Date (d/m/y) 14-NOV-2008	

EASA Form 1 Issue 1

*Installer must cross-check eligibility with applicable technical data

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Attn N Baker
 Goodrich Shirley
 Stratford Road
 Solihull
 B90 4LA
 United Kingdom

CUSTOMER Inspection & Strip Report

GOODRICH

Page 1 of 2

Reference No: RU64390000
 Report/CSIS No: 176047
 Date: 11-NOV-2008

Repair Station Approval Number(s):
 CAA: UK.145.00857 / FAA: LU6Y506J

Unit Description: POWER CONTROLLER UNIT		Incoming Unit Type No: PCU5000MK5		Outgoing Unit Type No: PCU5000MK5		Serial No: BX480408	
Date Received: 12-AUG-08	Manufacture Date:	Last Shop Visit Date:	TSN: 6124	TSO: Value not known	TSR: Value not known		
Aircraft Type:		Aircraft Reg:		Operator / Station:		Engine S/No:	
Customer Name: RR Comp Care / Kenya		Customer P/O No: 4000074467		Customer Instructions: REPAIR			
Ministry of Defence Work No:				Ministry of Defence Work No Date:			
The above unit has been Repaired - Recertified							
Reason for Removal: SUSPECT FAULTY							
The Reported Fault was confirmed .							

As Received External Condition / As Received Test

Unit was found to have scratches to the paintwork.
 Isolation check ** FAILED ** on pins 1 and 2 on JA27.

As Received Diagnostic Results / Summary of Strip Detail

Fault was traced to faulty filters FLB1 and FLB2 on the PMK subassembly.
 Filters FLA1, FLA2, FLB1 and FLB2 need to be replaced.
 Unit was stripped and PMG and PMG modules forwarded
 to Goodrich Process Engineers for PSI checks.
 R17 joints on PMG subassemblies were found to be poor.
 HD1 joints on PME subassemblies were found acceptable.

... addition to consumable items the following major items were replaced .

<u>Component Part No:</u>	<u>Component Description:</u>	<u>Reason for Replacement:</u>
86605868	FILTER	
86603043	D6303	

Summary of Work

Rectification :

Removed and replaced filters FLA1, FLA2, FLB1 and FLB2
 on the PMK subassembly.
 Replaced R17 on PMG subassemblies.
 Reassembled unit

Recertification:

Functional test completed.
 PAT at cold, hot and ambient completed.
 Bonding test completed.
 Paint work repair completed.

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 Stratford Road
 Solihull
 B90 4LA
 United Kingdom

CUSTOMER Inspection & Strip Report

GOODRICH

Page 1 of 2

Reference No: RU64390000
 Report/CSIS No: 176047
 Date: 11-NOV-2008

Repair Station Approval Number(s):
 CAA: UK.145.00857 / FAA: LU6Y506J

Unit Description: POWER CONTROLLER UNIT		Incoming Unit Type No: PCU5000MK5		Outgoing Unit Type No: PCU5000MK5		Serial No: BX480408	
Date Received: 12-AUG-08	Manufacture Date:	Last Shop Visit Date:	TSN: 6124	TSO: Value not known	TSR: Value not known		
Aircraft Type:		Aircraft Reg:		Operator / Station:		Engine S/No:	
Customer Name: RR Comp Care / Kenya		Customer P/O No: 4000074467		Customer Instructions: REPAIR			
Ministry of Defence Work No:				Ministry of Defence Work No Date:			
The above unit has been Repaired - Recertified							
Reason for Removal: SUSPECT FAULTY							
The Reported Fault was confirmed .							

As Received External Condition / As Received Test

Unit was found to have scratches to the paintwork.
 Isolation check ** FAILED ** on pins 1 and 2 on JA27.

GOODS RECEIVED BY:	[Signature]
DATE GOODS RECEIVED:	25/11/08
ORDER NO:	547846 794440

As Received Diagnostic Results / Summary of Strip Detail

Fault was traced to faulty filters FLB1 and FLB2 on the PMK subassembly.
 Filters FLA1, FLA2, FLB1 and FLB2 need to be replaced.
 Unit was stripped and PMG and PMG modules forwarded to Goodrich Process Engineers for PSI checks.
 R17 joints on PMG subassemblies were found to be poor.
 HD1 joints on PME subassemblies were found acceptable.



In addition to consumable items the following major items were replaced .

Component Part No:	Component Description:	Reason for Replacement:
86605868	FILTER	
86603043	D6303	

Summary of Work

Rectification :

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 Replaced R17 on PMG subassemblies.
 Reassembled unit

Recertification:

Functional test completed.
 PAT at cold, hot and ambient completed.
 Bonding test completed.
 Paint work repair completed.

ORDER NO:	
BATCH NO:	
DATE GOODS RECEIVED:	
AS RECEIVED BY:	

Alyn N Baker
Goodrich Shirley
Stratford Road
Solihull
B90 4LA
United Kingdom

CUSTOMER Inspection & Strip Report

GOODRICH

Page 2 of 2

Reference No: RU64390000

Report/CSIS No: 176047

Date: 11-NOV-2008

Repair Station Approval Number(s):

CAA: UK.145.00857 / FAA: LU6Y506J

Comments / Warranty Statement

The unit is repaired and recertified.

BATCH NO. 794440

Nothing in this report shall be deemed to be an admission by the Company of liability for any loss or damage of any kind whatsoever caused directly or indirectly by a defect in material or workmanship or by any defect in equipment the subject of this report or by any negligence by the Company or any servant or agent of the Company
GOODRICH, MARSTON GREEN, ENGLAND

Author:

Print Name: PA Kpodraalt
Signature: *Paul Kpodraalt*
Date: 11/11/08

Engineering Authorization:

Print Name:
Signature:
Date:

Warranty Authorization:

Print Name: SALWA MOKHOP
Signature: *SAWA* (MS FEB 07)
Date: 12-11-08

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GOODRICH Engine Control Systems, The Radleys, Marston Green, Birmingham, England B33 0HZ. Tel: 0121-7885000 Fax: 0121-7795712

Attn N Baker
Goodrich Shirley
Stratford Road
Solihull
B90 4LA
United Kingdom

CUSTOMER Inspection & Strip Report

GOODRICH

Page 2 of 2

Reference No: RU64390000
Report/CSIS No: 176047
Date: 11-NOV-2008

Repair Station Approval Number(s):

CAA: UK.145.00857 / FAA: LU6Y506J

Comments / Warranty Statement

The unit is repaired and recertified.

Nothing in this report shall be deemed to be an admission by the Company of liability for any loss or damage of any kind whatsoever caused directly or indirectly by a defect in material or workmanship or by any defect in equipment the subject of this report or by any negligence by the Company or any servant or agent of the Company
GOODRICH, MARSTON GREEN, ENGLAND

Author:

Print Name: PA Kyrchalt
Signature: *Paul Kyrchalt*
Date: 11/11/08

Engineering Authorization:

Print Name:
Signature:
Date:

Warranty Authorization:

Print Name: SALMY MOLLOY
Signature: *SALMY MOLLOY*
Date: 12-11-08
(ETS FEB 07)
DTK FEB 07

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GOODRICH Engine Control Systems, The Radleys, Marston Green, Birmingham, England B33 0HZ. Tel: 0121-7885000 Fax: 0121-7795712

RELEASE NOTE



RU6439000001

PURCHASE DOCUMENT NUMBER



4000074467

ITEM NUMBER



QUANTITY



1

MATERIAL PART NBR



PCU5000MK5

SERIAL NUMBER



BX480408

PLANT

See Address Label

STORAGE LOCATION

Goods Inwards

GOODS RECEIVED BY:

DATE GOODS RECEIVED:

ORDER NO:

BATCH NO:

20/11/08
542846 194440