



*AIM Solutions Consulting  
and  
The Aviation Suppliers  
Association Presents:*

***ALL ABOUT 8130-3s AND GLOBAL EQUIVALENTS***

---



***Thee*** current source of instructions on how to fill out the 8130-3;  
all 74 pages

**CHANGE**

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**ORDER  
8130.21H  
CHG 1**

National Policy

01/11/16

**SUBJ:** Procedures for Completion and Use of the Authorized Release Certificate,  
FAA Form 8130-3, Airworthiness Approval Tag

---

***BUT!...***



## CHANGES ARE COMING!

### Revision to Order 8130.21

- Streamline and standardize policy for issuance
- Eliminate redundancy and content that departs from the primary intent of the form
- Major reduction pages (74 to ≈12)
- Engaged industry groups in its development
- While publication has been delayed, we plan to release the draft for public comment in the fall

*Here's an excerpt of recent  
FAA Briefing on Order  
8130.21*





## MORE DETAILS...

***BTW: It does not appear that the actual form will change;  
just the location of its instructions***

### Revision to Order 8130.21 cont.

- The revision –
  - Merged airworthiness approval and export block-by-block instructions
  - Transferred policy on prepositioning prototype products and articles to FAA Order 8120.22, *Production Approval Procedures*
  - Transferred policy on Return to Service (RTS) for products and articles to AC 43-217, *Use of FAA Form 8130-3 for Approval for Return to Service Under Part 43.*
  - Transferred PAH RTS policy to Order 8120.18, *PAHs Who Rebuild or Alter Their Own Products Under 14 CFR 43.3(j)*
  - Removed all sample figures
  - Removed all *example* block 12
  - Clarified guidance to copy/reissue a lost form or form with typographical errors when the originator is permanently unavailable
  - Added a section on instructions to complete FAA Form 8130-1, Application for Export Approval of Products and Articles
  - Replaced the word “check” with “mark” in block-by-block instructions for marking a box
  - Renamed the order to *Completion of FAA Form 8130-3 under Part 21*



2

GPO IMPRINT 1977 773-237

CONFORMITY CERTIFICATION

DESCRIPTION OF PARTS

☐ NEW ☐ NEWLY OVERHAULED

DESIGN DATA

QUANTITY, NAME AND PART NUMBER

FOR INSTALLATION ON:

SEE SHIPPER'S INVOICE NUMBER

INSPECTED BY

AGENCY NAME AND NUMBER

SIGNATURE OF FAA REPRESENTATIVE

DATE

FAA NUMBER

FAA FORM 8130-3 (8-78)  
SUPERSEDES PREVIOUS EDITION

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

AIRWORTHINESS APPROVAL TAG

DESCRIPTION OF PARTS

☒ NEW ☐ NEWLY OVERHAULED

APPROVAL BASIS

TC 4A28

QUANTITY, NAME AND PART NUMBER

2 EACH FITTING

P/N 65-2527-3

ENGR CHG "B"

ELIGIBLE FOR INSTALLATION ON:  
(T.C. PRODUCT)

BOEING 707

SEE SHIPPER'S INVOICE NUMBER

209586

INSPECTED AND APPROVED

AGENCY NAME AND NUMBER

BOHR INDUSTRIES INC 51563

SIGNATURE OF FAA REPRESENTATIVE

Paul D. Bullow WE 4312

DATE

1/23/79

FAA NUMBER

WE-AED0-48

*This is a copy of a very old 8130-3. It was  
literally a 'tag'.*



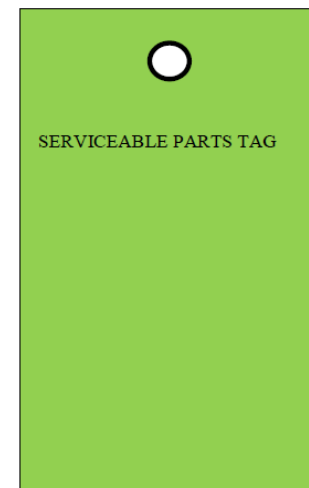
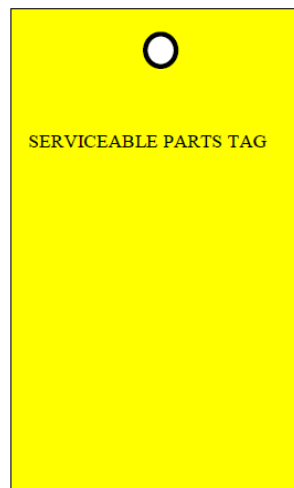
# FAA Form 8130-3 Background:

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number:	
4. Organization Name and Address:					5. Work Order/Contract/Invoice Number:	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
12. Remark:						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
<b>User/Installer Responsibilities</b> It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.  Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.  Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

**For FAA Repair Stations,  
the 8130-3 tag has  
replaced the historic  
green or yellow tags**





## What is the tag being used for? *A Sampling:*

### Airlines and Repair stations:

- After MX, as an Airworthiness Approval Tag; ***Documentation of Return to Service***
- For EASA Approved FAA Repair Stations: ***“Dual Release”*** Tags

### Manufacturers (With PMA, and or TSOA, and/or TC/PC):

- Documenting Conformities on Prototyped Parts
- ***Documenting New Parts***

### FAA DARS:

- Issuing ‘New’ condition tags for eligible parts.

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number:
4. Organization Name and Address:					5. Work Order/Contract/Invoice Number:
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
12. Remarks:					
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:		
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):		
<b>User/Installer Responsibilities</b>					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					



## CAN A REPAIR STATION ISSUE AN FAA 8130-3 for parts with military applications (*including dual use*)?



### CAVU Café: Royboy's Prose & Cons

**\*Note** The views expressed in CAVU Café: Royboy's Prose & Cons blog are those solely of the writer and are not necessarily shared by the Aviation Suppliers Association or the Association's staff, members, or Board of Directors.



About Roy Resto

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### REVISITED: MILITARY 8130-3'S?

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For those of you who read my blog below, this is a major update, and indeed a reversal of the position I posited in the blog. It is based on information that was forwarded to me from an FAA Employee of AFS-340. Before I share that, you need to know who AFS-340 is. They are an FAA Headquarters branch of the Aircraft Maintenance Division; The Repair Station Branch. According to their web site:

"The Repair Station Branch is the principal element in the division for all repair station maintenance related to technical training, regulations, policies, and procedures, including development of certification, inspection, and surveillance policy."

With those power credentials established, I'll share the

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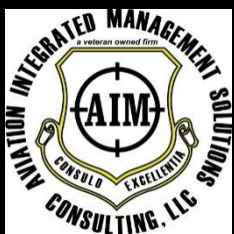
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# Preflight Inspections

## You failed!



**By the Way: The Canadian form**

**Figure 1 - Authorized Release Certificate**

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No.
4. Organization Name and Address					5. Work Order/Contract/Invoice
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/work
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> 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, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
<input type="checkbox"/> approved design data and are in condition for safe operation  <input type="checkbox"/> non approved design data specified in block 12.					
13b. Signature		13c. Approved Organization Number		14b. Signature	
				14c. Approved Organization Number	
13d. Name		13e. Date (dd/mmm/yyyy)		14d. Name	
				14e. Date (dd/mmm/yyyy)	

(Previously form 24-0078)  
on reverse side

Important: See notes

### Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.



***By the Way: The European form***

1. Approving Competent Authority / Country		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1			3. Form Tracking Number
4. Organisation Name and Address:					5. Work Order/Contract/Invoice
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status/Work
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> approved design data and are in a condition for safe operation <input type="checkbox"/> non-approved design data specified in block 12			14a <input type="checkbox"/> <a href="#">Part-145.A.50</a> Release to Service <input type="checkbox"/> 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 <a href="#">Part-145</a> and in respect to that work the items are considered ready for release to service.		
13b. Authorised Signature		13c. Approval/Authorisation Number		14b. Authorised Signature	14c. Certificate/Approval Ref. No.
13d. Name		13e. Date (dd mmm yyyy)		14d. Name	14e. Date (dd mmm yyyy)
<p><b>USER/INSTALLER RESPONSIBILITIES</b></p> <p>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 in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>					


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- IRS Thwarts Congress' Efforts to Make PPP Loan Forgiveness Tax-Free
- EASA Form 1 Has Changed – What Does this Mean for You?
- Still Waiting for a PPP Loan? Make Sure You Ask for the Right Amount!
- FAA Efforts to Re-Tool Itself In Response to COVID-19 Closures
- Importing Face Masks or Respirators? Here are Your Tariff Codes!
- Free Online Hazmat Webinar – Tuesday!
- No, FAA is NOT Closing the National Airspace System
- Provide Employees with an "Essential Business" Letter
- FAA Authorizes ASA to Perform Remote Auditing under AC 00-58

(view more...)

#### Upcoming Events

#### Conference News

- Thank you **Aircraft Inventory Management & Services, Ltd.** for your ASA/APRA 20/20 Frequent Flyer Sponsorship!
- Thank you **Par Avion** for your ASA/APRA 20/20 Frequent Flyer Sponsorship!
- Thank you **AeroParts Now** for sponsoring the ASA/APRA 20/20 Welcome Dinner!
- Expand your Brand: Sponsorships available for ASA/APRA Vision 20/20!
- Omni Interlocken Resort & Hotel is taking reservations for ASA/APRA Vision 20/20. Special rate of \$172!
- Registration is open for ASA/APRA Vision 20/20.
- Nin George named 2019 Edward J Glueckler Award Recipient!

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#### Industry Blogs

##### Blogs:

CRJ/Cafe: Raybo's Prose & Cons



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ASA Web Blog : By Jason Dickinson



[About the Blogger](#)

ASA Tower Control Blog : By Sam O'Connor



[About the Blogger](#)

#### Calendar of Events

##### May 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

[SEE EVENT DETAILS](#)

**From the main page of the ASA Website:**

[← Still Waiting for a PPP Loan? Make Sure You Ask for the Right Amount!](#)

[IRS Thwarts Congress' Efforts to Make PPP Loan Forgiveness Tax-Free →](#)

## EASA Form 1 Has Changed – What Does this Mean for You?

 APRIL 30, 2020 BY [JASON DICKSTEIN](#)  [1 COMMENT](#)

The EASA Form 1 has changed! Despite the change, though, this should have relatively little impact on those who are relying on the EASA Form 1 in conjunction with aircraft parts transactions. In particular, the changes are limited to EASA Form 1 for articles from simple general aviation aircraft, which means that the change will have very little effect on the commercial aviation community.

The text on the new Form 1 remains nearly identical to the old text. The only change was to the footer, which has been changed as follows:

*Old Footer:* EASA Form 1 — MF/145 Issue 2

*New Footer:* EASA Form 1 — MF/CAO/145 Issue 3

It is important to recognize that other than the footer, the text on the form has not changed at all.

## Why is the Footer Important?

The text in the footer of the EASA Form 1 is important because it links you back to the instructions that were used for completing the form.

EASA actually maintains two different versions of the EASA Form 1 – a version published in Part M for maintenance

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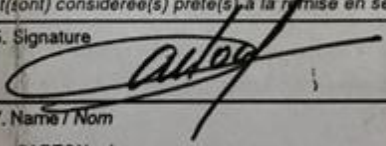
[IRS Thwarts Congress' Efforts to Make PPP Loan Forgiveness Tax-Free](#)

[EASA Form 1 Has Changed – What Does this Mean for You?](#)

[Still Waiting for a PPP Loan? Make Sure You Ask for](#)



Many of you may continue to see the former JAA Form One on older parts

1. REPUBLIC OF FRANCE République Française		2. DIRECTION GENERALE DE L'AVIATION CIVILE A member of the JAA/Membre des JAA			3. CERTIFICATE REF N° Certificat N° <b>99056</b>	
4. Organisation approved by block 2 Authority to issue this Form : <b>AERAC</b> Aéroport de CANNES 06150 CANNES LA BOCCA - FRANCE Organisation approuvée par l'Autorité citée à la case 2 pour émettre ce document:					5. Work Order/Contrat/Invoice Bon de commande/Contrat/Facture	
6. Item	7. Description	8. Part N°	9. Eligibility *Destination	10. Qty / Qté	11. Serial/Batch N° N° de Série / Lot	12. Status / Work Etat / Travaux
1	PLAQUETTE VFR NUIT	TB1072900101	TB9/TB10	6	NA	INSPECTED
13. Remarks Remarques  Ouverte suivant LEAFLET N°10 paragraphe 3 Provenance : SOCAT						
Limited life parts must normally be accompanied by maintenance history including life used. Les pièces à durée de vie limitée doivent être normalement accompagnées de leur historique d'entretien précisant la durée de vie utilisée.						
14. <input type="checkbox"/> Airworthiness <input type="checkbox"/> Conformity only			19. <input type="checkbox"/> JAR-145-50 Release to Service Approbation pour remise en service Selon JAR-145-50 <input checked="" type="checkbox"/> Other regulation specified in block 13 Autre règlement précisé en case 13			
Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the applicable design data and with the airworthiness regulations of the stated country. (See over) Il est certifié que la/les pièce(s) identifiée(s) ci-dessus sauf si autrement spécifié en case 13 a(ont) été fabriquée(s)/contrôlée(s) conformément aux données de définition applicables ainsi qu'aux règlements de navigabilité du pays mentionné. (Voir verso)			Certifies that the work specified above except as otherwise specified in block 13 was carried out in accordance with JAR-145 and in respect to that work, part(s) is (are) considered ready for release to service. (See over) Il est certifié que les travaux mentionnés ci-dessus sauf si autrement spécifié en case 13 ont été exécutés conformément au règlement JAR-145 et qu'en regard de ces travaux la(les) pièce(s) est(ont) considérée(s) prête(s) à la remise en service. (Voir verso)			
15. Signature		16. Approval Reference Number Numéro d'agrément applicable		15. Signature 		16. Approval Reference Number Numéro d'agrément applicable F 197
17. Name / Nom CARTON J		18. Date (d/m/y)/(j/m/a)		17. Name / Nom		18. Date (d/m/y)/(j/m/a) 5/10/99

JAA Form One - Issue 3 / Edition 3

\* Installer must cross-check eligibility with applicable technical data  
\* L'installateur doit vérifier la destination précise au moyen des données techniques pertinentes.



**By the Way: The Brazilian form**

1. País (Country) <b>BRASIL</b>		2. Título (Title) <b>AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL (BRAZILIAN CIVIL AVIATION AUTHORITY)</b> <b>CERTIFICADO DE LIBERAÇÃO AUTORIZADA (AUTHORIZED RELEASE CERTIFICATE)</b> <b>ETIQUETA DE APROVAÇÃO DE AERONAVEGABILIDADE (AIRWORTHINESS APPROVAL TAG)</b> <b>Formulário (Form) <u>SEGV00 003</u></b>				3. Certificado Nº (Certificate No./System Tracking Ref.)
4. Empresa (Organization)						5. Ordem Serviço/ Contrato / Nota Fiscal (Work Order, Contract or Invoice)
6. Item (Item)	7. Descrição (Description)	8. Número da Peça (Part Number)	9. Aplicabilidade* (Eligibility)	10. Quantidade (Quantity)	11. Número de Série / Lote (Serial / Batch Number)	12. Categoria / Trabalho (Status / Work)
13. Observações (Remarks)						
Partes com vida limitada devem ser acompanhadas de histórico de manutenção incluindo tempo total / ciclo total / tempo desde que novo. (Limited life parts must be accompanied by maintenance history including total time/total cycles/times since new)						
14. Certifica que o(s) item(ns) acima identificado(s) foi (foram) fabricado(s) em conformidade aos: (Certifies that the article(s) identified above was (were) manufactured in conformity to: )  <input type="checkbox"/> dados de projeto aprovados e está(ão) em condição segura de operação (approved design data and are in a condition for safe operation)  <input type="checkbox"/> dados de projeto não aprovado especificados no bloco 13 (non-approved design data specified in block 13)			19. <input type="checkbox"/> Retorno ao serviço de acordo com RBHA 43.9 (Return to service in accordance with RBHA 43.9) <input type="checkbox"/> Outros regulamentos especificados no bloco 13 (Other regulations specified in block 13)  Certifica que, a menos do especificado no bloco 13, o trabalho especificado no bloco 12 e descrito no bloco 13 foi executado de acordo com o Regulamento Brasileiro de Homologação Aeronáutica - RBHA 43 e, em relação ao trabalho realizado, a(s) peça(s) é (são) aprovada(s) para retorno ao serviço. (Certifies that, unless otherwise specified in block 13, the work identified in block 12 and described in block 13 was accomplished in accordance with Brazilian Regulation for Aeronautical Certification - RBHA 43 and in respect to the work performed the part(s) is (are) approved for return to service.)			
15. Assinatura do Representante da ANAC - (ANAC Representative Signature).		16. Nº Autorização da ANAC (ANAC Authorization No.)		20. Pessoa Autorizada (Authorized Signature)		21. Nº CHE/CHETA - (Certificate Number)
17. Nome (Name)		18. Data (Date)		22. Nome (Name)		23. Data (Date)

\* O INSTALADOR DEVE FAZER VERIFICAÇÃO CRUZADA DA APLICABILIDADE ATRAVÉS DOS DADOS TÉCNICOS APLICÁVEIS. (INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA)

#### RESPONSABILIDADE DO USUÁRIO / INSTALADOR

É IMPORTANTE COMPREENDER QUE A EXISTÊNCIA DESTA DOCUMENTAÇÃO POR SI SÓ NÃO CONSTITUI AUTOMATICAMENTE UMA AUTORIZAÇÃO PARA INSTALAR A PARTE / COMPONENTE / CONJUNTO.  
SE O TRABALHO DO USUÁRIO/INSTALADOR É REALIZADO DE ACORDO COM OS REGULAMENTOS NACIONAIS DE UMA AUTORIDADE DE AERONAVEGABILIDADE DIFERENTE DA AUTORIDADE DE AERONAVEGABILIDADE DO PAÍS ESPECIFICADO NO BLOCO 1, É ESSENCIAL QUE O USUÁRIO/INSTALADOR ASSEGURE QUE A SUA AUTORIDADE DE AERONAVEGABILIDADE ACEITA PARTES/COMPONENTES/CONJUNTOS DA AUTORIDADE DE AERONAVEGABILIDADE DO PAÍS ESPECIFICADO NO BLOCO 1.  
AS DECLARAÇÕES NOS BLOCOS 14 E 19 NÃO CONSTITUEM UM CERTIFICADO DE INSTALAÇÃO EM TODOS OS CASOS, OS REGISTROS DE MANUTENÇÃO DA AERONAVE DEVEM CONTER UM CERTIFICADO DE INSTALAÇÃO EMITIDO DE ACORDO COM REGULAMENTOS NACIONAIS PELO USUÁRIO/INSTALADOR ANTES QUE A AERONAVE POSSA SER LIBERADA PARA VOAR.

#### (USER / INSTALLER RESPONSIBILITY)

IT IS IMPORTANT TO UNDERSTAND THAT THE EXISTENCE OF THIS DOCUMENT ALONE DOES NOT AUTOMATICALLY CONSTITUTE AUTHORITY TO INSTALL THE PART / COMPONENT / ASSEMBLY.  
(WHERE THE USER / INSTALLER WORK IS PERFORMED IN ACCORDANCE WITH THE NATIONAL REGULATIONS OF AN AIRWORTHINESS AUTHORITY DIFFERENT THAN THE AIRWORTHINESS AUTHORITY OF THE COUNTRY SPECIFIED IN BLOCK 1, IT IS ESSENTIAL THAT THE USER/INSTALLER ENSURES THAT HIS/HER AIRWORTHINESS AUTHORITY ACCEPTS PARTS/COMPONENTS/ASSEMBLIES FROM THE AIRWORTHINESS AUTHORITY OF THE COUNTRY SPECIFIED IN BLOCK 1).  
(STATEMENTS IN BLOCK 14 AND 19 DO NOT CONSTITUTE INSTALLATION CERTIFICATION. IN ALL CASES, AIRCRAFT MAINTENANCE RECORDS MUST CONTAIN AN INSTALLATION CERTIFICATION ISSUED IN ACCORDANCE WITH THE NATIONAL REGULATIONS BY THE USER / INSTALLER BEFORE THE AIRCRAFT MAY BE FLOWN).



**By the Way: The Chinese form**

**Attachment 7-Authorized Release Certificate/Airworthiness Approval Tag [Form AAC-038(12/94)]**

1 国家 Country		2. 中国民用航空总局 CAAC <input type="checkbox"/> 符合性 Conformity <input type="checkbox"/> 适航性 Airworthiness				3 证书编号 Certificate Ref. No.	
<b>批准放行证书/适航批准标签</b> AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG							
4 单位 Organization					5 工作单/合同单/货单 Work Order/Contract/Invoice		
6 序号 Item	7 内容 Description	8 件号 Part No.	9 适用性 Eligibility	10 数量 Qty	11 系列号/批号 Serial/Batch No.	12 产品状态 Status/Work	
13 备注 Remarks							
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.				15 使用过的产品 Used Parts 兹声明上述产品除第 13 项的其它规定以外,已按照上述国家适航条例和进口国通知的特殊要求进行了工作,该产品处于安全可用状态可以批准放行使用。 Certifies that the work specified above except as specified in block 13 was carried out in accordance with the airworthiness regulations of the stated country and the notified special requirements of the importing country and in respect to that work, the part(s) is (are) in condition for safe operation and considered ready for release to service. (over)			
16 批准人签名 Signature		18 批准日期 Date		19 中国民航总局授权 Issued by or on behalf of the CAAC			
17 批准人姓名(打印的) Name(Printed)							

**AAC-038(12/94)**

\*参阅产品目录详细查找适用性

Cross-check eligibility for more details with parts catalogue



China  
USA  
Brasil  
Europe  
Canada

1. País (Country)		3. Típo (Type)		AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL BRASILIAN CIVIL AVIATION AUTHORITY				4. Certificado Nº (Certificate No./Aviation Tracking No.)	
BRASIL				CERTIFICADO DE LIBERAÇÃO AUTORIZADA (AUTHORIZED RELEASE CERTIFICATE)					
				ETIQUETA DE APROVAÇÃO DE AERONEZABILIDADE (AIRWORTHINESS APPROVAL TAG)					
				Formulário (Form) SEVOVO 903					
5. Empresa (Organization)								6. Outros Serviços/ Contratos / Nota Fiscal (Other Services/ Contracts / Invoice)	
7. Item (Item)		7. Descrição (Description)		8. Número do Part Number		9. Aplicabilidade (Applicability)		10. Quantidade (Quantity)	
								11. Número de Série / Lote (Serial Number)	
								12. Categoria / Trabalho (Class / Work)	
13. Observações (Remarks)									
Partes com vida limitada devem ser acompanhadas de histórico de manutenção incluindo tempo total / ciclo total / tempo desde que novo. Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.									
14. Certifica que(s) item(s) acima identificados foi (foram) fabricado(s) em conformidade aos: Certifies that the item(s) identified above was (were) manufactured in conformity to: <input type="checkbox"/> dados de projeto aprovados e analisado em condição superior de operação approved design data and was analyzed for safe operation. <input type="checkbox"/> dados de projeto não aprovado especificados no bloco 13 non-approved design data specified in block 13									
15. <input type="checkbox"/> Retorno ao serviço de acordo com RBHA 43.9 Return to service in accordance with RBHA 43.9 <input type="checkbox"/> Outros regulamentos especificados no bloco 13 Other regulations specified in block 13 Certifica que, a menos de especificado na item 15, o trabalho especificado na item 13 é descrito na item 13 foi executado de acordo com o Regulamento Brasileiro de Homologação Aeronáutica - RBHA 43, ou em relação ao trabalho realizado, não possui (r) valor aprovado para retorno ao serviço. Certifies that, unless otherwise specified in block 15, the work identified in block 13 was performed in accordance with Brazilian Regulation for Aeronautical Certification - RBHA 43 and in respect to the work performed, the part(s) is (are) approved for return to service.									
16. Assinatura do Representante de ANAC - (ANAC Representative Signature)		16. NP / Autorização de ANAC (ANAC Authorization No.)		20. Pessoa Autorizada (Authorized Signature)		21. NP / Certificado ETA - (Certificate Number)			
17. Nome (name)		18. Data (date)		22. Nome (name)		23. Data (date)			

Approving Competency Authority / Company Civil Aviation Authority / CAAH Regulation:		<b>AUTHORISED RELEASE CERTIFICATE</b> <b>ESAA FORM 1</b>		3. Form Tracking Number <b>ESAA 2018/0210</b>	
4. Organisation Name and Address  <b>BELH HELICOPTER PRAGUE, A.S., K LETIŠTI 198327, 165 08 PRAGUE 6, CZECH REPUBLIC</b>		5. Work Order / Contract / Invoice  <b>CM18/0528</b> <b>CM18/0516</b>			
6. Item 1: Description  <b>ED551A</b>		6. Part No.  <b>066-0337-2000</b>		6. Qty.  <b>1</b>	
		10. Serial No.  <b>4065</b>		11. Status / Issue  <b>OVERHAULED</b>	
12. Remarks      Work procedure in accordance with M MNL 006-05240-000 REV0					
13a. Certifies that the items identified above were manufactured in conformity to:					
<input type="checkbox"/> approved design data and is a condition for later operation <input type="checkbox"/> non-approved design data specified in block 12					
13b. Authorised Signature		13c. Approval / Authorisation Number		14a. Other regulation specified in block 12 <input type="checkbox"/>	
13d. Name		13e. Date (dd mm yyyy)		14b. Certifies that unless otherwise specified in block 12, the work identified in 6.1 and described in block 12 was accomplished in accordance with PART 102 and in respect to that work the items are conforming to what it relates to service.	
14c. Certificate / Approval Ref. Number  <b>C2 145 0004</b>		14d. Name  <b>22 NOV 2018</b> <b>Pavol Zidek</b>		14e. Date (dd mm yyyy)	

Issuing Office: <b>Atlanta Security (FBI/DOJ)</b> <div style="text-align: center;"> <b>TRANSPORT</b>  <b>CANADA</b> </div>  <div style="text-align: center;"> <b>SECURITY</b>  <b>DEPARTMENT OF JUSTICE</b> </div>		1 <div style="text-align: center;"> <b>AUTHORIZED RELEASE CERTIFICATE</b>  <b>FORM ONE</b> </div>		8 Form 1059-01 S&B 0159	
1. Issuing Office: <b>Atlanta Security (FBI/DOJ)</b> 2. Issuing Office: <b>Atlanta Security (FBI/DOJ)</b>		3. Recipient: <b>155 Rue Beaumont St-Colomban, Cx. Canada, J4K 1A6</b>		4. Mark Date: <b>Continued from 22532960</b>	
4. Name: <b>1</b> 5. Description: <b>Link Back</b>		6. Fiches: <b>E02123000 3</b>		7. Date: <b>1</b> 8. Serial Number: <b>DFD168</b>	
				9. Status: <b>Inspected</b>	
12. Remarks		Component removed and inspected from C-GRAT IAW AWM 32-11-17 pb-60. Overhul due 17 June 2019.			
FASA APPROVAL NO.: <b>EASA 161793</b>					
I hereby certify that the information shown on this application is accurate to the best of my knowledge and belief.					
<input type="checkbox"/> Applicant designates this area and is authorized for public release.					
<input type="checkbox"/> Not designated: designates information in block 12.					
13a. Signature:		13b. Signature: <b>[Signature]</b>		14. Date: <b>2019-06-17</b>	
15a. Name:		15b. Name: <b>Donna M. [Name]</b>		16. Date: <b>2019-06-17</b>	
		17. Signature: <b>[Signature]</b>		18. Date: <b>2019-06-17</b>	
		19. Signature: <b>[Signature]</b>		20. Date: <b>2019-06-17</b>	
		21. Signature: <b>[Signature]</b>		22. Date: <b>2019-06-17</b>	
		23. Signature: <b>[Signature]</b>		24. Date: <b>2019-06-17</b>	
		25. Signature: <b>[Signature]</b>		26. Date: <b>2019-06-17</b>	
		27. Signature: <b>[Signature]</b>		28. Date: <b>2019-06-17</b>	
		29. Signature: <b>[Signature]</b>		30. Date: <b>2019-06-17</b>	
		31. Signature: <b>[Signature]</b>		32. Date: <b>2019-06-17</b>	
		33. Signature: <b>[Signature]</b>		34. Date: <b>2019-06-17</b>	
		35. Signature: <b>[Signature]</b>		36. Date: <b>2019-06-17</b>	
		37. Signature: <b>[Signature]</b>		38. Date: <b>2019-06-17</b>	
		39. Signature: <b>[Signature]</b>		40. Date: <b>2019-06-17</b>	
		41. Signature: <b>[Signature]</b>		42. Date: <b>2019-06-17</b>	
		43. Signature: <b>[Signature]</b>		44. Date: <b>2019-06-17</b>	
		45. Signature: <b>[Signature]</b>		46. Date: <b>2019-06-17</b>	
		47. Signature: <b>[Signature]</b>		48. Date: <b>2019-06-17</b>	
		49. Signature: <b>[Signature]</b>		50. Date: <b>2019-06-17</b>	
		51. Signature: <b>[Signature]</b>		52. Date: <b>2019-06-17</b>	
		53. Signature: <b>[Signature]</b>		54. Date: <b>2019-06-17</b>	
		55. Signature: <b>[Signature]</b>		56. Date: <b>2019-06-17</b>	
		57. Signature: <b>[Signature]</b>		58. Date: <b>2019-06-17</b>	
		59. Signature: <b>[Signature]</b>		60. Date: <b>2019-06-17</b>	
		61. Signature: <b>[Signature]</b>		62. Date: <b>2019-06-17</b>	
		63. Signature: <b>[Signature]</b>		64. Date: <b>2019-06-17</b>	
		65. Signature: <b>[Signature]</b>		66. Date: <b>2019-06-17</b>	
		67. Signature: <b>[Signature]</b>		68. Date: <b>2019-06-17</b>	
		69. Signature: <b>[Signature]</b>		70. Date: <b>2019-06-17</b>	
		71. Signature: <b>[Signature]</b>		72. Date: <b>2019-06-17</b>	
		73. Signature: <b>[Signature]</b>		74. Date: <b>2019-06-17</b>	
		75. Signature: <b>[Signature]</b>		76. Date: <b>2019-06-17</b>	
		77. Signature: <b>[Signature]</b>		78. Date: <b>2019-06-17</b>	
		79. Signature: <b>[Signature]</b>		80. Date: <b>2019-06-17</b>	
		81. Signature: <b>[Signature]</b>		82. Date: <b>2019-06-17</b>	
		83. Signature: <b>[Signature]</b>		84. Date: <b>2019-06-17</b>	
		85. Signature: <b>[Signature]</b>		86. Date: <b>2019-06-17</b>	
		87. Signature: <b>[Signature]</b>		88. Date: <b>2019-06-17</b>	
		89. Signature: <b>[Signature]</b>		90. Date: <b>2019-06-17</b>	
		91. Signature: <b>[Signature]</b>		92. Date: <b>2019-06-17</b>	
		93. Signature: <b>[Signature]</b>		94. Date: <b>2019-06-17</b>	
		95. Signature: <b>[Signature]</b>		96. Date: <b>2019-06-17</b>	
		97. Signature: <b>[Signature]</b>		98. Date: <b>2019-06-17</b>	
		99. Signature: <b>[Signature]</b>		100. Date: <b>2019-06-17</b>	
		10			

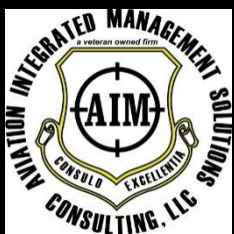


*The reason all those international forms are nearly identical is due to the various Civil Aviation Authorities collaborating to do so in the process called “Harmonization”*



Kumbaya





# TOOL EXPECTATIONS



**PLEASE COME LOOSE**




**I HOPE IT COMES LOOSE**



**I WASN'T ASKING**




**I'M DONE TALKING**

1. Approving Civil Aviation Authority/Country:		2.		3. Form Tracking Number:	
4. Organization:		5. Part/Invoice:			
6. Item:					
12. Remarks:					
<div style="border: 2px solid red; padding: 10px; text-align: center;"> <p><b>Universally referred-to informally as “The Left Side”. Used by DARs and Manufacturers for “New” parts</b></p>  </div>					
13a. Certifies the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation.  <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12  Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):	
<b>User/Installer Responsibilities</b>					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>					

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:	
4. Organization:			Contract/Invoice
6. Item:			
12. Remarks:			

***Universally referred-to informally as “The Right Side”. Typically used by persons in MX such as airlines and repair stations as the Return to Service statement***



13a. Certifies the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12  Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



‘RETURN TO SERVICE’ is a widely used term in the aviation maintenance community.

It is a maintenance action performed by an authorized person who is signing-off and attesting that an aircraft or part is airworthy



FLIGHT No.	309	HOURS B/F	24639144	COMPANY LIMITED	
DATE	26/10/08	AIR TIME	3104	FLIGHT DEFECT AND MAINTENANCE REPORT	
DEPART STATION	JNB	TOTAL HOURS	24642148	QA006	ISSUE: 2/OCT 07
ARRIVAL STATION	DAR	CORRECTED HOURS B/F	1	AMO/A1/CA/1.82	
BRAKES ON	1612	MK303		TPM PART 2.19.3 REFERS	
BRAKES OFF	12100	IDENT/ICAPP No	SIGN		
BLOCK TIME	3127				
LANDING TIME	1611	RECORD WHEN REQUIRED			
TAK OFF TIME	13107				
AIR TIME	3104	QAT: °C	APU EGT: °C	APU CYCLES	APU HOURS
LANDINGS	1	ENGINE AND APU OILS (LITRES/OTS)		MK303	
DELAY CODE	31	1	2	3	4
		1	1 1/2	0	0
		IDENT/ICAPP No		SIGN	
REPORT:-					
1. DER LH OODS. ONLY INSIGNIFICANT PRE-COOLER PRESSURE FLUCTUATIONS ON LAST TWO SECTORS					
2. F/O's PFD AOB'S NOT DIM SUFFICIENTLY.					
ORIGINATOR: [Signature] CREW ENG CROSS REF: DATE REF:					
ACTION:- MEL REF: DISR AUTH:					
1. NOTED. ADD CLEARED. [Signature] MK303					
2. F/O & CAPT PFD INTERCHANGED FOUND DISPLAY UNIT BRIGHTER THAN OTHER DU. THEREFORE DIMMING SWITCH OF F/O OK SAME NORMALIZED. SUSPECT F/O PFD MANUAL REF/REV TO HAVE BEEN REPLACED BY A NEW ONE AND OK					
DELAY	DATE	26/10/08	DAIR	MAINT TIME (MIN)	
CROSS REF:	STA	DAR	SIGN	MK01304	
No	PART NUMBER ON	PART NUMBER OFF	SERIAL/TRACE NO	POSITION	
1					
2					
* CERTIFIES THAT THE WORK SPECIFIED WAS CARRIED OUT IN ACCORDANCE WITH CURRENT REGULATIONS AND IN RESPECT OF THAT WORK THE AIRCRAFT OR AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE.					



**Return To Service on an aircraft logbook**

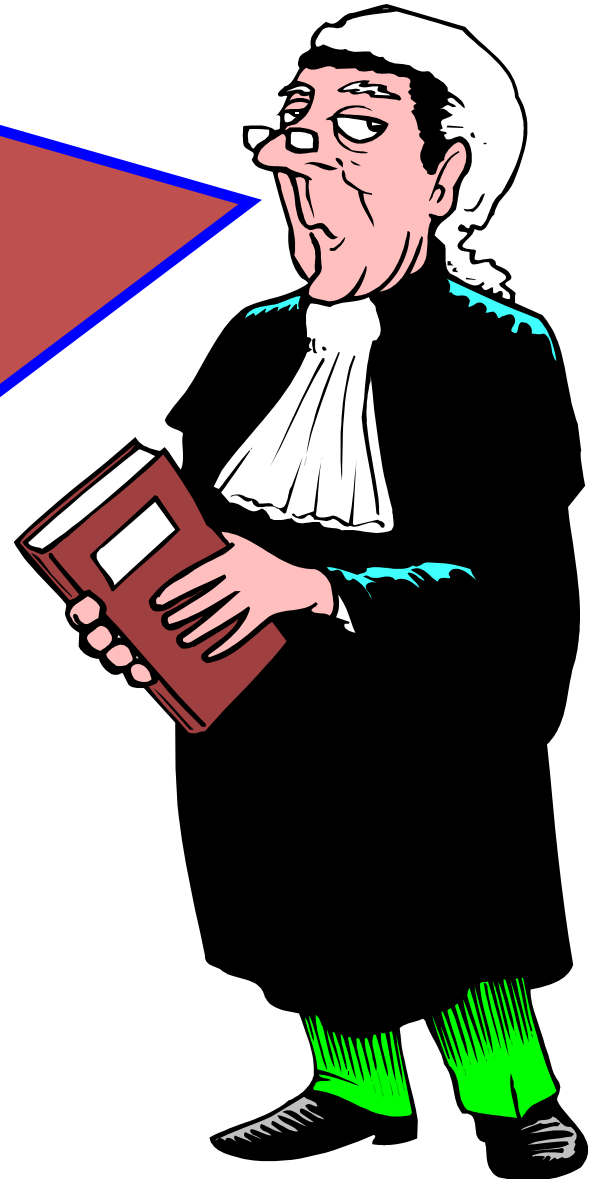


In the USA, the persons  
authorized to perform  
return to service actions  
are generally one of  
two:

FAA Airframe and  
Powerplant Mechanics

Or


FAA Repairmen





# THUG LIFE



1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 4343	
4. Organization Name and Address: Performance Component MRO (Repair Station # 9PCM101J) 2200 West Kilburn Ave Madison, WI 53201					5. Work Order/Contract/Invoice Number: 991501	
6. Item: 1 of 1	7. Description: Control Display Unit	8. Part Number: 688-212-001	9. Quantity: 1	10. Serial Number: 530	11. Status/Work Order: Repaired	
<div style="border: 2px solid red; padding: 10px; background-color: yellow;"> <p><b>Block 3: This must be a unique number used just for this issuance only. Think of it as the serial number of the tag; you devise the numbering</b></p> </div>						
			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12  Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with title 14, Code of Federal Regulations, part 43 and in respect to that work, the item is approved for return to service.			
			14b. Authorized Signature: 		14c. Approval/Certificate No.: 9PCM101J	
<div style="border: 2px solid red; padding: 10px; background-color: yellow;"> <p><b>Block 5:</b></p> <ul style="list-style-type: none"> <li><b>If a customer has issued you a Purchase or Repair order, enter it here.</b></li> <li><b>You can also duplicate the block 3 entry</b></li> <li><b>If there is no PO or RO, you can also enter "N/A"</b></li> </ul> </div>						

1. Approving Civil Aviation Authority/Country:  FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number:  4343	
4. Organization Name and Address:  Performance Component MRO (Repair Station # 9PCM101J) 2200 West Kilburn Ave Madison, WI 53201			5. Work Order/Contract/Invoice Number: 991501			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1 of 1	Control Display Unit	688-212-001	1	5308	Repaired	
12. Remarks:  Unit was overhauled in accordance with CMM 34-58-15 rev 8 dated 13 January 2016.						

<b>Enter—</b>	<b>For—</b>
“OVERHAULED”	A description of a maintenance process for a product or article that has been disassembled, cleaned, inspected, repaired as necessary, reassembled, and tested in accordance with the approved or accepted data, to the extent necessary to determine that the product or article is in complete conformity with the applicable service tolerances specified in the type certificate holder’s or equipment manufacturer’s ICA, or in the data approved or accepted by the authority.
“See Block 12”	See paragraph A.12.
“REPAIRED”	Repair of defect(s) using an applicable standard.
“INSPECTED” and/or “TESTED”	Examination or measurement in accordance with an applicable standard (e.g., visual inspection, functional testing, or bench testing).
“MODIFIED”	Alteration of a product or article to conform to an applicable standard.



Block 12  
Block 11 and federal return to  
Certificate No.:  
101J  
a/yyyy):  
/2020  
pecified in the country  
rdance with the  
52-00-012-9005



## CAVU Café: Royboy's Prose & Cons

*\*Note:* The views expressed in CAVU Café: Royboy's Prose & Cons blog are those solely of the writer and are not necessarily shared by the Aviation Suppliers Association or the Association's staff, members, or Board of Directors.



About Roy Resto

### CAVU Café: Royboy's Prose & Cons Search

Search for posts containing

'*AFTERMARKET TAGS: Overhauled vs. Repaired vs. 2 Years*'

AFTERMARKET TAGS: Overhauled vs. Repaired vs. 2 Years

Time to... in the not again I continue to hear... mean...

[Read More](#)

Posted By Roy Resto | 4/4/2017 1:42:45 PM | [Comments \(11\)](#)

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Email\*

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Search





## A word about Tear-Down Reports

For each return to service, there is usually a corresponding Tear-Down report which provides more details about work performed on the part.

FOR ASATRaining ONLY

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 4343	
4. Organization Name and Address: RR Technics 1234 West Kilburn Ave Phoenix, AZ, 1234				5. Work Order/Contract/Invoice Number: 991501	
6. Item: 1 of 1	7. Description: Transponder	8. Part Number: 622-2224-001	9. Quantity: 1	10. Serial Number: 7475	11. Status/Work: Repaired
12. Remarks: Part was Overhauled in accordance with CMM 34-38-01 revision 16 dated 12 October 2015, and detailed in attached Tear-Down Report					
		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
		14b. Authorized Signature: 		14c. Approval Certificate No.: 9PCM101J	
		14d. Name (Typed or Printed): Joel Fream		14e. Date (dd/mm/yyyy): 11/Jan/2020	
<b>User/Installer Responsibilities</b> It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

# RR TECHNICS

FAA Repair Station 9PCM101J

Tear-Down Report

Customer PO/RO: 991501 Received PN: 622-2224-001  
Date Received: 12/12/19 S/N: 7475  
RRT Work Order: 4343 Work Performed: Repair  
Removal Reason: Intermittent

PRELIMINARY INSPECTION: Connector shows signs of corrosion, R/T fault ball is set.

1) ATE Test: Failed 01388  
2) Continuity Test: PASSED  
3) RF OUT Test: ADJUSTED, PASSED  
4) Final Test: PASSED

TECHNICIAN: Roy Rosta

Work Performed: Replaced connector, repaired power supply  
Parts Replaced: 2 2N2222 Transistors Control 6789  
1 Connector PN BACC12345RR77 Control 4567

RETURN TO SERVICE: Part was repaired in accordance with CMM 34-38-01 revision 16 dated 12 October 2015 and returned to service on 8130-3 number 4343

INSP: Joel Fream /

DATE: 11 January 2020



***A word about Tear-Down Reports:  
You're greatly encouraged to read  
this informative article***



Return to [Committees](#) > [Forums and Blogs](#) > [Industry Issues Blog](#) > CAVU Café: Royboy's Prose & Cons

## CAVU Café: Royboy's Prose & Cons

**\*Note** The views expressed in CAVU Café: Royboy's Prose & Cons blog are those solely of the writer and are not necessarily shared by the Aviation Suppliers Association or the Association's staff, members, or Board of Directors.



About Roy Resto

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## THE VALUE OF TEAR-DOWN REPORTS

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Some documents, as Rodney Dangerfield might say, "...get no respect." That is of course, until the mud hits the fan. So it is with the supposedly lowly tear-down report. Day in and day out we routinely check for the presence of these documents, checkoff a box on our receiving checklist, then add them to the scan/file pile. Done. There are situations however, when those reports are going to demand a lot of attention, which is the focus of this blog.

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1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 4343
4. Organization Name and Address: Performance Component MRO (Repair Station # 9PCM101J) 2200 West Kilburn Ave Madison, WI 53201		5. Work Order/Contract/Invoice Number: 991501			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1 of 1	Control Display Unit	688-212-001	1	5308	Repaired
12. Remarks:  Unit was overhauled in accordance with CMM 34-58-15 rev 8 dated 13 January 2016.					
		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12			
		Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			

**Block 12: This is where you enter all important information such as shown above. In addition, enter any ADs or SBs performed. It's acceptable to say "See Attached Work Order for details", for example, to attach more details such as parts replaced, results of NDT /NDI, etc.**

**Use remarks to enter any information which may assist or clarify for the customer regarding any circumstances of interest.**

1. Approving Civil Aviation Authority/Country:  FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number:  RR2018-1	
4. Organization Name and Address:		5. Work Order/Contract/Invoice Number: RR2018-1		6. Item: 1	
12. Remarks:  Repaired in accordance with Hartzell Engine Technologies Manual ES1031, 24-30-01, dated May 5, 2016		7. Status/Work: REPAIRED			
13a. Certifies the items identified were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12  Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:  Roy Resto	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.: 2740912	
				14d. Name (Typed or Printed): Roy Resto	
				14e. Date (dd/mm/yyyy): 11/MAR/2018	
<b>User/Installer Responsibilities</b>					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					





1. Approving Civil Aviation Authority/Country:  FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number:  RR2018-1	
4. Organization Name and Address:  Roy Resto, 10234 S. Main Street, Brookfield, WI 53005					
6. Item:	7. Description:	8. Part Number:	9. Quantity:	<b>Checking this block and signing for it <u>is the critical purpose of this tag!</u></b>	
1	Alternator	ALV-9610	1		
12. Remarks:  Repaired in accordance with Hartzell Engine Technologies Manual ES-100, 24-30-01, dated May 5, 2016					
13a. Certifies the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation.  <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12  Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:  Roy Resto	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.:  2740912	
				14d. Name (Typed or Printed):  Roy Resto	
				14e. Date (dd/mm/yyyy):  11/MAR/2020	
<b>User/Installer Responsibilities</b>					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					



**YOU** didn't  
give me a dual  
release!



**YOU** didn't ask for it on  
your Repair Order.





# DUAL RELEASE:

- Are not required or applicable for NEW parts; only for ‘right side’ releases.
- Typically issued to satisfy the regulations of another country where the customer operates.
- Some AMO/Repair Stations issues dual releases on everything as a matter of routine. Some issue them on request only.
- Sometimes there are triple releases: Three different tags may be issued for the same work order: For example, a Chinese form, TC Form 1, and 8130-3.




## Dual Releases are distinguished by two specific entries

- The “Other regulation ...” block is “X”
- Block 12 contains the statement

FOR REFERENCE ONLY  
UNCONTROLLED

### AUTHORISED RELEASE CERTIFICATE EASA FORM 1

1. Approving Competent Authority / Country Civil Aviation Authority / Czech Republic		2. <b>AUTHORISED RELEASE CERTIFICATE EASA FORM 1</b>				3. Form Tracking Number EASA 2018/0210	
4. Organisation Name and address <b>BELL HELICOPTER PRAGUE, A.S., K LETIŠTI 1063/27, 160 08 PRAGUE 6, CZECH REPUBLIC</b>						5. Work Order / Contract / Invoice CM18/0528 PJ18/00516	
6. Item	7. Description	8. Part No.	9. Qty	10. Serial No.	11. Status / Work		
1	ED551A	066-03137-3200	1	4065	OVERHAULED		
12. Remarks Work procedure in accordance with M.MNL.006-05240-0000 REV0							
"The work identified in Block 11 and described herein 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 certificate no. 8H9Y265D."							
13a. 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 12			14a. <input checked="" type="checkbox"/> PART-145.A.50 Release to Service 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. Authorized Signature		13c. Approval / Authorisation Number		14b. Authorized Signature 		14c. Certificate / Approval Ref. Number CZ.145.0004	
13d. Name		13e. Date (dd mmm yyyy)		14d. Name Pazour Zdenek		14e. Date (dd mmm yyyy) 22 NOV 2018	

#### USER / INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the items.

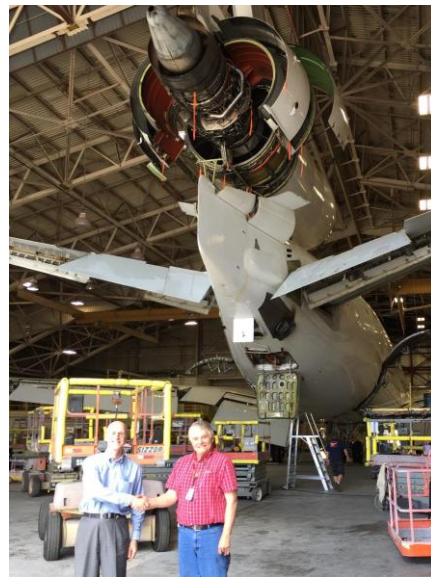
Where the user/installer performs work in accordance with regulations of an Airworthiness Authority different then the Airworthiness Authority specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts items from the Airworthiness Authority specified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

Statements in blocks 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.





**So when is my SECOND lesson?**



**AVAILABLE FOR YOUR CONSULTING NEEDS:**

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[WWW.AimSolutionsConsulting.com](http://WWW.AimSolutionsConsulting.com)



Roy Resto is an experienced aviation industry professional having served in management positions with several firms, and is currently President of AIM Consulting Solutions. Most recently he was Vice President of Technical Operations for Tracer Corp. and Messier-Bugatti-Tracer, a family of aviation companies. Prior to this position, he was the COO of Quality Management Solutions LP, a consulting firm specializing in aircraft maintenance. In addition, Roy worked with American Airlines in their Maintenance and Engineering center where he retired as a level 5 Manager, and before that, with McDonnell Douglas. He was also a member of the US Air Force in the Reserves/ANG having served 32 years in Electronic Warfare and Avionics. Resto has served on the FAA's Suspected Unapproved Parts Steering Committee and the Aviation Suppliers Association Board of Directors.

Roy has an MBA in Finance from Oklahoma City University, a BS from Oklahoma State University, an AAS in Avionics from the Community College of the Air Force, and is an Aviation High School graduate. Complementing these, he has an FAA A&P license, an FCC Radiotelephone license with a RADAR endorsement, is an FAA DAR (Designated Airworthiness Representative), Instrument Rated Pilot, and speaks fluent Spanish. His website is: [www.AimSolutionsConsulting.com](http://www.AimSolutionsConsulting.com)



Thank you so much for attending!

[www.AimSolutionsConsulting.com](http://www.AimSolutionsConsulting.com)

**Roy Resto**  
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