

1. Approving Civil Aviation  
Authority/Country:

2.

FAA/United States

**AUTHORIZED RELEASE CERTIFICATE**  
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

921 - 428956

4. Organization Name and Address:



**AERO INSTRUMENTS & AVIONICS, INC.**  
7290 NASH ROAD  
NORTH TONAWANDA, NEW YORK 14120-1596 (NCIR343K)

5. Work Order/Contract/Invoice Number:

R303676

6. Item:

7. Description:

WARNING UNIT PCA

8. Part Number:

285T0034-26

9. Quantity:

1

10. Serial Number:

D03744

11. Status/Work:

REPAIRED

12. Remarks:

COMPONENT REPORT # 428956 DESCRIBING THE ACTUAL WORK PERFORMED IS ATTACHED. THE DESCRIBED WORK WAS PERFORMED FOR A. J. WALTER (AVIATION) LTD. REFERRING THE CURRENT BAE SYSTEMS ORIGINAL EQUIPMENT SPECIFICATIONS LISTED AND/OR CUSTOMER SPECIFICATIONS. CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART-145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART-145 APPROVAL NUMBER: EASA.145.4037

MANUAL 31-51-15

REV # 41 DATE 25/Sep/2014

13a. Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in a condition for safe operation.

☐ Non-approved design data specified in Block 12.

14a.

☒

14 CFR 43.9 Return to Service

☒

Other 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):

STEVEN T RIEK

21/Oct/2016

**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.

## COMPONENT REPORT



## AERO INSTRUMENTS &amp; AVIONICS, INC.

7290 NASH ROAD

NORTH TONAWANDA, NY 14120

PHONE: 716-694-7060 FAX: 716-694-7594

www.aeroinst.com

FAA Approved Repair Station # NC1R343K

EASA Approved Maintenance Organisation EASA.145.4037

A. J. WALTER (AVIATION) LTD.  
THE HEADQUARTERS, MAYDWELL AVE  
SLINFOLD, WEST SUSSEX RH13 0SH  
UNITED KINGDOM

Cust #	Work Order #	Date Rec.	Customer PO	Date Comp	Aircraft #
921	428956	10/18/2016	R303676	10/21/2016	P4-FAS

Description	Part Number	Serial #	Mfr. Name
WARNING UNIT PCA	285T0034-26	D03744	BAE SYSTEMS

Removal Reason Was : Not Verified  
This Unit Was : Repaired  
And Is : Continue Time

Reason For Removal :

MASTER FALSE SIGNAL WARNING ON THE FDR DATA

Shop Findings :

VISUAL INSPECTION FOUND PCA DIRTY AND REQUIRES CLEANING. BENCH TESTED AND COULD NOT VERIFY CUSTOMER'S COMPLAINT AS PCA WAS FOUND TO BE SERVICEABLE AS IT PASSED ALL MFG FUNCTIONAL TESTING.

Details Of Work Accomplished :

INSPECTED PCA FOR DEFECTS. CLEANED UNIT. PERFORMED A COMPLETE FUNCTIONAL TEST AS PER LATEST MFG COMPONENT MAINTENANCE MANUAL IN WHICH ALL MFG SPECS WERE MET. UNIT IS CERTIFIED AIRWORTHY.

Mod Level: NONE

Test Spec: 31-51-15

Rev: 41

Rev Date: 9/25/2014

Applicable AD's : NO

Completed By :  
JOHN ENRIGHT

Tested By :  
JOHN ENRIGHT

Inspected By :  
STEVEN T RIEK

\*\* See Invoice For Full Parts Breakdown \*\*

The purpose of this report is to furnish information only. It is not to be used or accepted as the basis for issuance of a Airworthiness Approval Tag. This report must be retained with component.