

CAT. NO.
35008-12

Fenwal®

SER. NO.

B481

ASHLAND, MASSACHUSETTS
DIVISION OF WALTER KIDDE & COMPANY, INC.
CODE IDENT NO. 73168

**DETECTING SYSTEM,
OVERHEAT, CONTROL UNIT**

SUPPLY: 115V/400 HZ

OUTPUT: 2AMP, 28 VDC

FAA-TSO-C11

WT. 4 LBS. MAX.



1
2 GROUND

3
4 115 VAC
5 CONTACTS
6 CONTACTS

7
8
9 TEST INPUT
10 LOOP
11 LOOP
12

U.S.

1. Approving Civil Aviation Authority/Country FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 58594	
4. Consolidated Instrument & Avionics Co 510 Industrial Ave, Teterboro, NJ 07608 USA				5. Work Order/Contract/ Invoice #: 544		
6. Item Description DETECTING SYSTEM, OVERHEAT, CONTROL UNIT		7. Part Number 35008-12	8. Qty: 1	9. Serial # B481	11. Status/Work: OVERHAULED	
12. Remarks: Refer to Attached Work Order # 58594 A/C P/N Maintenance with Reference to: ATA DATA # 21-40-00 JUN/2011; DWGS/MANUAL REV.7 29/MAY/2013						
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"/> 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.		14c. Approval/Certificate# QS2R120L		
13b. Authorizer Signature:		14b. Authorized Signature: <i>Eric Johannesen</i> ERIC JOHANNESSEN		14d. Date (dd/mm/yyyy): 4/DEC/2024		
13c. Name (Typed or Printed):		13d. Date (dd/mm/yyyy):		14e. Date (dd/mm/yyyy):		
User/ Installer Responsibilities			Installer must cross check eligibility with applicable technical data			

CONSOLIDATED INSTRUMENT & AVIONICS
510 Industrial Ave, Teterboro Airport, New Jersey 07608 USA
Tel: 201-288-1189 • Fax: 201-288-8006 • eMail: sales@ConsolidatedInstrument.com

WORK ORDER 58594 Date: 8/22/2024

RO/PO: 544
Customer: PIUS PARTS
Address1: 11 BEE TREE CIRCLE
Address2:
City: ROCKPORT
State/Prov: TX Postal Code: 78382-7976
Country: USA Contact:

Nameplate Details Work Order: 58594
Nomenclature: DETECTING SYSTEM, OVERHEAT, CONTROL UNIT
OEM Mfr: FENWAL
OEM Type:
OEM P/N: 35008-12 S/N: B481
A/C Mfr: IAI
A/C P/N: ASTRA G100.
A/C Type: WESTWIND
Other ID:

2. Flight Operation: U.S. GENERAL AVIATION; EASA;
 U.S. AIRLINE Continuous Airworthiness Program. See 3b.

3. EASA & FAA AD's: N/A

3b. Reason Removed: **REQUIRES BENCH CHECK.**

3c. Instruction: **ADVISE/ QUOTE TO BENCH CHECK.**

4. FAA CRS #QS2R120L Receiving Acceptance

Inspection/Work Record Form QCF-134

5. SUP Inspection Visually Acceptable Suspect: see 7.
6. Hidden Damage N/A Apparent/Accidental Damage Results: see 7.
7. Receiving, Preliminary & Teardown Inspections: Preservation / Defects

INSPECTED FOR AGE, WEAR, FUNCTION;
FOUND TO BE INOPERATIVE-CIRCUIT NOT SWITCHING.
REQUIRES REPLACEMENT- TRANSFORMER AND RELAYS.
DETERMINED REPAIRABLE.

8. Description of Work Performed / Parts Installed

INSPECTED, DISASSEMBLED FROM CASE AND ASSEMBLY.
CLEANED, REMOVED AND REPLACED;
2K-2A-126D RELAYS QTY 2
A1-14611 TRANSFORMER T1 QTY 1
2N3440 OUTPUT TRANSFORMER Q1 QTY 1
68 OHM 1/2 WATT LOAD RESISTOR QTY 1
4.4 uf 50 FILTER CAPACITOR QTY 1
REASSEMBLED, ADJUSTED CIRCUIT TO MFR SPECS.
FUNCTION TESTED RELAY K1 & K2 TO MFR SPECS.
RECASED, SEALED HERMETIC, PAINTED BLACK.
TESTED AND TAGGED: OVERHAULED

R. Medina ROY MEDINA
Signed - Technician Performing the Work
This Article is determined to be airworthy.
with respect to the work performed.
Eric Johannesen 4/DEC/2024
Signed - Certificated Repairman Inspecting Work Date

Stamp C. R. Number **3 CIC 2511901**