

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

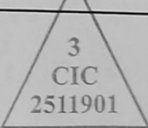
4 115 VAC  
5 CONTACTS  
6 CONTACTS

7  
8  
9 TEST INPUT  
10 LOOP  
11 LOOP  
12

U.S.

1. Approving Civil Aviation Authority/Country FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: <b>58594</b>	
4. Consolidated Instrument & Avionics Co 510 Industrial Ave, Teterboro, NJ 07608 USA		5. Work Order/Contract/ Invoice #: <b>544</b>		6. FAA CRS# 145 QS2R120L EASA.145.4349	
7. Description <b>DETECTING SYSTEM, OVERHEAT, CONTROL UNIT</b>		8. Part Number <b>35008-12</b>		9. Qty: <b>1</b> 10. Serial # <b>B481</b>	
11. Status/Work: <b>OVERHAULED</b>		12. Remarks: Refer to Attached Work Order # <b>58594</b> A/C P/N <b>ATA DATA # 21-40-00 JUN/2011; DWGS/MANUAL REV.7 29/MAY/2013</b>			
13a. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> FAA design data and are in condition for safe operation. <input type="checkbox"/> FAA 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#		14b. Authorized Signature: <i>Eric Johannesen</i>	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate# <b>QS2R120L</b>	
14d. Name (Typed or Printed): <b>ERIC JOHANNESSEN</b>		14e. Date (dd/mm/yyyy): <b>4/DEC/2024</b>		14f. Date (dd/mm/yyyy):	
User/ Installer Responsibilities Installer must cross check eligibility with applicable technical data					

<b>CONSOLIDATED INSTRUMENT &amp; AVIONICS</b>	
510 Industrial Ave, Teterboro Airport, New Jersey 07608 USA Tel: 201-288-1189 • Fax: 201-288-8006 • eMail: sales@ConsolidatedInstrument.com	
<b>WORK ORDER</b>	<b>58594</b> Date: 8/22/2024
RO/PO: <b>544</b>	
Customer: <b>PIUS PARTS</b>	
Address1: <b>11 BEE TREE CIRCLE</b>	
Address2:	
City: <b>ROCKPORT</b>	
State/Prov: <b>TX</b>	Postal Code: <b>78382-7976</b>
Country: <b>USA</b>	Contact:
Nameplate Details Work Order: <b>58594</b>	
Nomenclature: <b>DETECTING SYSTEM, OVERHEAT, CONTROL UNIT</b>	
OEM Mfr: <b>FENWAL</b>	
OEM Type:	
OEM P/N: <b>35008-12</b>	S/N: <b>B481</b>
A/C Mfr: <b>IAI</b>	
A/C P/N: <b>ASTRA G100.</b>	
A/C Type: <b>WESTWIND</b>	
Other ID:	
2. Flight Operation: <input checked="" type="checkbox"/> U.S. GENERAL AVIATION; <input type="checkbox"/> EASA; <input type="checkbox"/> U.S. AIRLINE Continuous Airworthiness Program. See 3b.	
3. EASA & FAA AD's: <input type="checkbox"/> N/A	
3b. Reason Removed	<b>REQUIRES BENCH CHECK.</b>
3c. Instruction:	<b>ADVISE/ QUOTE TO BENCH CHECK.</b>
4. FAA CRS #QS2R120L Receiving Acceptance	

<b>Inspection/Work Record Form QCF-134</b>	
5. SUP Inspection <input checked="" type="checkbox"/> Visually Acceptable <input type="checkbox"/> Suspect: see 7.	
6. Hidden Damage <input checked="" type="checkbox"/> N/A <input type="checkbox"/> 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	
<div style="display: flex; justify-content: space-between;"> <div>  </div> <div> <i>R. Medina</i>  <b>ROY MEDINA</b>            Signed - Technician Performing the Work            This Article is determined to be airworthy.            with respect to the work performed.  <i>Eric Johannesen</i>  <b>Eric Johannesen</b>            Signed - Certified Repairman Inspecting Work            Date: <b>4/DEC/2024</b> </div> </div>	
Stamp C. R. Number	