

@PiusParts.com

BIT #	DECODED BIT INFORMATION
1	RESET
2	START FUEL VALVE & EXCITER SIGNAL OUT (15s)
3	START FUEL VALVE SIGNAL OUT (15s)
4	STOP FUEL VALVE & EXCITER SIGNAL OFF (70s)
5	START FUEL VALVE ON
6	5% RPM SWITCH ON
7	READY FOR SERVICE (90s + 10 SEC)
8	PROCESSOR BOARD FAILURE
9	DATA SYSTEM FAILURE
10	OVERTEMPERATURE PROBE #2
11	OVERSPEED
12	UNDEROIL
13	FAIL TO START
14	DI SYSTEM FAILURE
15	SOOTED OIL PRESSURE SW.
16	BLEED AIR VALVE OPEN
17	SEPARATED THERMOCOUPLE PROBE #2
18	OVERHEAT PROBE #1/OPEN THERMOCOUPLE #1
19	LOSS OF SPEED DATA
20	PROCESSOR SEQUENCE FAIL
21	NO TEMP DATA

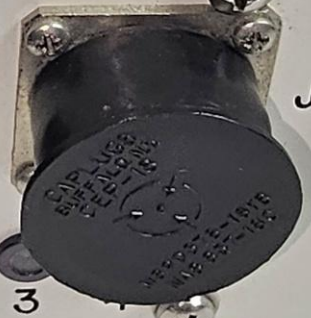
OPERATION

START SEQUENCE

156279-1

J2

J1



1. Approving Civil Aviation Authority/Country FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: SE2R118019	
4. Organization Name and Address: AVMATS Component Support, 827 Texas Court, O'Fallon, Missouri 63366, SE2R158L United States				5. Work Order/Contract/Invoice Number: 118019	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	ESU	161043-401	1	7375-0024	Repaired
12. Remarks: The work described in this block was performed for : PLUS PARTS On Reference Number : 147 The work specified has been accomplished in accordance with : Hamilton Sundstrand ESU repaired by performing alignment procedure. Unit repaired and tested in accordance with CMM 49-61-07, revision 1, dated 01/Dec/2001. --END-- No AD notes or SB's complied with at this time unless noted above. Full details on file with W.O. 118019					
13a. Certifies 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 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: 	
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):		14c. Approval/Certificate No: SE2R158L	
				14d. Name (Typed or Printed): Vincent A. Nicasio	
				14e. Date (dd/mmm/yyyy): 25/Oct/2023	
User/Installer Responsibilities					
<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 Block 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>					

WORK ORDER

AVMATS Component Support

827 Texas Court
O'Fallon, Missouri

FAA Approved Repair Station #SE2R158L
EASA Reference Number: EASA 145.4353

Work Order: **118019**

NON EASA COMPLIANT

Department: Electrical

Customer: PIUS PARTS
Address: MAIN
11 BEE TREE CIRCLE
ROCKPORT, TEXAS 78382
United States

P.O. #: 147
Job #:
Created: 9/12/2023

Qty: 1.00 Part #: 161043-401

Serial #: 7375-0024

Item: 1 ESU
Squawk: 1.00
Discrepancy:

Manufacturer :

Resolution:

Function test and evaluate for repair if needed.

Hamilton Sundstrand ESU repaired by performing alignment procedure. Unit repaired and tested in accordance with CMM 49-61-07, revision 1, dated 01/Dec/2001. --END--

Technician	Date Completed	Inspector
<i>Michael J. Waters</i>	25 OCT 2023	<i>RLH</i>
The aircraft and / or component identified above was repaired and inspected in accordance with current Federal Aviation Agency Regulations and was found airworthy and is approved for return to service.		
Signed <i>[Signature]</i> for AVMATS Component Support 827 Texas Court, O'Fallon Missouri 63366	Date <i>25 Oct 2023</i>	FAA Certified Repair Station #SE2R158L EASA Reference Number: EASA 145.4353

Section V, Forms, Page 1.2
Repair Station # SE2R158L
Issue Date 11/16/82
Superseded 04/13/07

BITE #				DECODED BITE INFORMATION	164279-1
1	2	3	4		
●	●	●	●	RESET	START SEQUENCE
○	●	●	●	START FUEL VALVE & EXCITER SIGNAL OUT (5%)	
○	○	●	●	MAIN FUEL VALVE SIGNAL OUT (14%)	
○	○	○	●	START FUEL VALVE & EXCITER SIGNAL OFF (70%)	
○	○	○	○	90% RPM SWITCH ON	OPERATION
●	●	●	●	READY FOR SERVICE (90% + 10 SEC)	
○	●	●	●	PROCESSOR BOARD FAILURE	
●	○	●	●	DATA SYSTEM FAILURE	
○	○	●	●	OVERTEMPERATURE PROBE # 2	
●	●	○	●	OVERSPEED	
○	●	○	●	UNDERSPEED	
●	○	○	●	FAIL TO START	
○	○	○	●	OIL SYSTEM FAILURE	
●	●	●	○	SHORTED OIL PRESSURE SW.	
○	●	●	○	BLEED AIR VALVE OPEN	
●	○	●	○	SHORTED THERMOCOUPLE PROBE # 2	
○	○	●	○	OVERTEMP PROBE # 1/OPEN THERMOCOUPLE # 1	
●	●	○	○	OPEN THERMOCOUPLE PROBE # 2	
○	●	○	○	LOSS OF SPEED DATA	
●	○	○	○	PROCESSOR SEQUENCE FAIL	
○	○	○	○	NO TEMP DATA	