

Customer: Emory - HSRB
Address: 1760 Haygood Drive
City, State, Zip: Atlanta, GA, 30322
Ph: 404-727-6515 Contact: Kira Moresco
☐ 1st Round ☒ 2nd Round



Unit Preventative Maintenance – Ultra Low Temperature Freezer

Date of Service: 06/24/25 Next Service Due: 12/24/25 Tech: CD Room # FREEZER FARM
Customer I.D. CYCLOPS SES # 6711 MFR: THERMO
Model # UXF70086D Serial # 0132967401140625
NIST Meter Serial # T-281182 NIST Meter Calibration Due: 06/26/26

	Pass	Fail	N/A		Pass	Fail	N/A	New
Door Seal	☒	☐	☐	Cleaned Pre-Filter	☒	☐	☐	☐
Gaskets	☒	☐	☐	Clean Condenser	☒	☐	☐	
Inner Doors	☒	☐	☐	Condenser Fan Motor(s)	☒	☐	☐	
Hinges & Fastening	☒	☐	☐	Battery	☒	☐	☐	☐
Handles	☒	☐	☐	Insulation Lines	☒	☐	☐	
Door Open Switch(es)	☒	☐	☐	Cycles at Setpoint	☒	☐	☐	
PEP Heater	☒	☐	☐	CFM Counter	<u>NA</u>			

Temperature

Setpoint: -80C Display: -81C NIST: -80.1C Chart: NA Adjust: NA

High Stage Compressor

201 Voltage
4.2 Amperage Inverter
-36.7C HEX In Normal ☐
-38.7C HEX Out Error ☐
NA RPMs N/A ☒
Model: NT2212GKV

Low Stage Compressor

201 Voltage
2.7 Amperage Inverter
-87.2C EVAP In Normal ☐
-91.5C EVAP Out Error ☐
NA RPMs N/A ☒
Model: NT2212GKV

CO2/LN2 Back-up

Setpoint: NA
Pass Fail
Leak Check ☐ ☐
Test ☐ ☐

9 Amps Rated 208/230 Volts Rated -60C High Alarm Set
7.4 Unit Total Amps 13.3 Battery Charge Circuit -90C Low Alarm Set

Technician's Notes:

Unit has very long cycle times.

Customer: CHOA - Center for Advanced Pediatrics
Address: 2174 N Druid Hills Road NE
City, State, Zip: Atlanta, GA, 30329
Ph: 404-727-6515 Contact: Kira Moresco
☐ 1st Round ☒ 2nd Round

**Premium
Care**
Southeast Scientific

Unit Preventative Maintenance – Ultra Low Temperature Freezer

Date of Service: 07/25/25 Next Service Due: 01/25/26 Tech: CD Room # 5126
Customer I.D. BLACK PANTHER SES # 9423 MFR: NEW BRUNSWICK
Model # U101-86 Serial # F101HL631885
NIST Meter Serial # T-281182 NIST Meter Calibration Due: 06/26/26

	Pass	Fail	N/A		Pass	Fail	N/A	New
Door Seal	☒	☐	☐	Cleaned Pre-Filter	☒	☐	☐	☐
Gaskets	☒	☐	☐	Clean Condenser	☒	☐	☐	
Inner Doors	☒	☐	☐	Condenser Fan Motor(s)	☒	☐	☐	
Hinges & Fastening	☒	☐	☐	Battery	☒	☐	☐	☐
Handles	☒	☐	☐	Insulation Lines	☒	☐	☐	
Door Open Switch(es)	☒	☐	☐	Cycles at Setpoint	☒	☐	☐	
PEP Heater	☒	☐	☐	CFM Counter	<u>NA</u>			

Temperature

Setpoint: -80C Display: -78C NIST: -78.7C Chart: NA Adjust: NA

High Stage Compressor

115 Voltage
5.3 Amperage Inverter
NA HEX In Normal ☐
NA HEX Out Error ☐
NA RPMs N/A ☒
Model: NEK2134GK

Low Stage Compressor

115 Voltage
4.1 Amperage Inverter
NA EVAP In Normal ☐
NA EVAP Out Error ☐
NA RPMs N/A ☒
Model: NEK2134GK

CO2/LN2 Back-up

Setpoint: NA

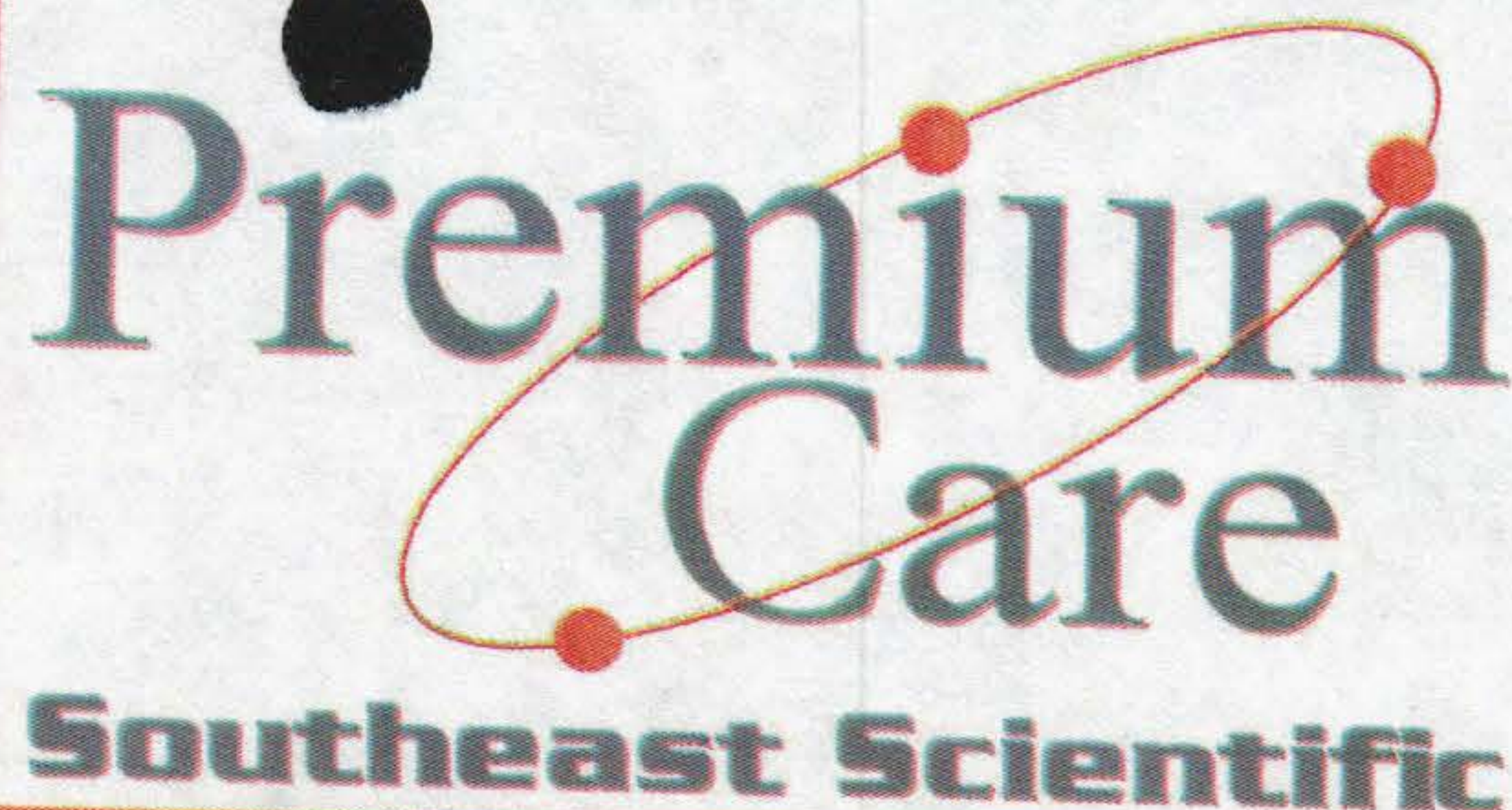
	Pass	Fail
Leak Check	☐	☐
Test	☐	☐

13 Amps Rated 115 Volts Rated -70C High Alarm Set
9.9 Unit Total Amps 6.4 Battery Charge Circuit -85C Low Alarm Set

Technician's Notes:

BUTTON 1: 76 (BETWEEN -20 AND -30C) BUTTON 4: 63 (BETWEEN 30 AND 40C)

Customer: Emory - HSRB
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Unit Preventative Maintenance – Stirling ULT Freezer

Date of Service: 06/27/25 Next Service Due: 12/27/25 Tech: CD Room # FREEZER FARM
Customer I.D. DAVID ROSE SES # 10851 MFR: STIRLING
Model # SU780XLE Serial # 21080-16464
NIST Meter Serial # T-281182 NIST Meter Calibration Due: 06/26/26

	Pass	Fail	N/A		Pass	Fail	N/A	New
Door Seal	☒	☐	☐	Door Open Switch(es)	☒	☐	☐	
Gaskets	☒	☐	☐	PEP Heater	☒	☐	☐	
Inner Doors	☒	☐	☐	Engine Fans	☒	☐	☐	
Hinges & Fastening	☒	☐	☐	Cycles at Setpoint	☒	☐	☐	
Handles	☒	☐	☐	Battery	☒	☐	☐	☐

Temperature

Setpoint: -80C Display: -78C NIST: -77.2C Chart: NA Adjust: NA

Engine Compressor

103.9 Voltage
3.1 Amperage
-93C Cold Head
36C Warm Head
249 Watts

CO2 / LN2 Back-Up

Setpoint: NA

	Pass	Fail
Leak Check	☐	☐
Test	☐	☐

5-10 Amps Rated 120-240 Volts Rated -75C High Alarm Set
3.5 Unit Total Amps 6.24 Battery Charge Circuit -100C Low Alarm Set

Technician's Notes:

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☐ 1st Round ☒ 2nd Round

**Premium
Care**
Southeast Scientific

Unit Preventative Maintenance – Stirling ULT Freezer

Date of Service: 06/27/25 Next Service Due: 12/27/25 Tech: CD Room # FREEZER FARM
Customer I.D. JOHNNY ROSE SES # 10852 MFR: STIRLING
Model # SU780XLE Serial # 21080-16462
NIST Meter Serial # T-281182 NIST Meter Calibration Due: 06/26/26

	Pass	Fail	N/A		Pass	Fail	N/A	New
Door Seal	☒	☐	☐	Door Open Switch(es)	☒	☐	☐	
Gaskets	☒	☐	☐	PEP Heater	☒	☐	☐	
Inner Doors	☒	☐	☐	Engine Fans	☒	☐	☐	
Hinges & Fastening	☒	☐	☐	Cycles at Setpoint	☒	☐	☐	
Handles	☒	☐	☐	Battery	☒	☐	☐	☐

Temperature

Setpoint: -80C Display: -80C NIST: -78.7C Chart: NA Adjust: NA

Engine Compressor

<u>111</u>	Voltage
<u>3.2</u>	Amperage
<u>-96C</u>	Cold Head
<u>40C</u>	Warm Head
<u>267</u>	Watts

CO2 / LN2 Back-Up

Setpoint: NA

	Pass	Fail
Leak Check	☐	☐
Test	☐	☐

<u>5-10</u> Amps Rated	<u>120-240</u> Volts Rated	<u>-75C</u> High Alarm Set
<u>3.6</u> Unit Total Amps	<u>6.33</u> Battery Charge Circuit	<u>-100C</u> Low Alarm Set

Technician's Notes:

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Address: 1760 Haygood Drive
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☐ 1st Round ☒ 2nd Round



Unit Preventative Maintenance – ULT Twin Guard

Date of Service: 06/27/25 Next Service Due: 12/27/25 Tech: CD Room # FREEZER FARM

Customer I.D. STORM SES # 10853 MFR: PHCBI

Model # MDF-DU702VXC-PA Serial # 19120503

NIST Meter Serial # T-281182 NIST Meter Calibration Due: 06/26/26

	Pass	Fail	N/A		Pass	Fail	N/A	NEW
Door Seal	☒	☐	☐	PEP Heater	☒	☐	☐	
Gaskets	☒	☐	☐	Wiring Connections	☒	☐	☐	
Inner Doors	☒	☐	☐	Insulation Lines	☒	☐	☐	
Hinges & Fastening	☒	☐	☐	Battery	☒	☐	☐	☐
Handles	☒	☐	☐	Alarm Test	☒	☐	☐	
Door Open Switch(es)	☒	☐	☐	Cycles at Setpoint	☒	☐	☐	
Clean Condenser	☒	☐	☐	Condenser Fan Motor(s)	☒	☐	☐	
Clean Pre-Filter	☐	☐	☒	CFM Counter	<u>1636</u>			

Temperature

Setpoint: -80C Display: -80C NIST: -80.7C Chart: NA Adjust: NA

System A Compressor

2182 Voltage -100.4C LEVA In
3.8 Amperage -79.6 LEVA Out
Model: KS370J1NS-7A

System B Compressor

218 Voltage -100.4C LEVA In
3.5 Amperage -78.9C LEVA Out
Model: KS370J1NS-7A

CO2/LN2 Back-up

Setpoint: NA

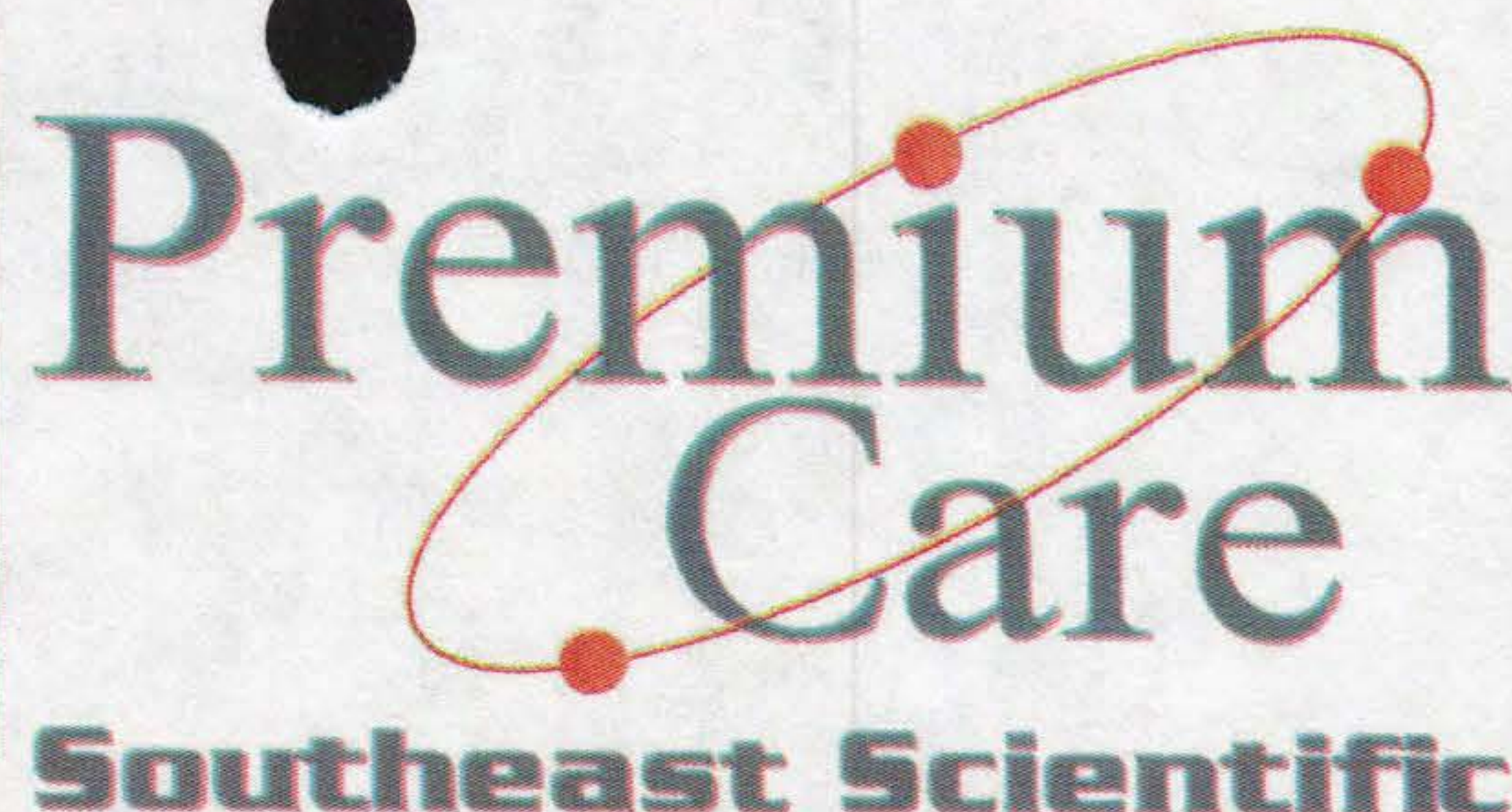
	Pass	Fail
Leak Check	☐	☐
Test	☐	☐

7.8 Unit Total Amperage -70C High Alarm Set 220 Volts Rated
7.7 Amps Rated -90C Low Alarm Set 6.6 Battery Charge Circuit

Technician's Notes:

HX 1ST: -60.2C HX 2ND: -63.4C

Customer: Emory - HSRB
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Ph: 404-727-6515 Contact: Kira Moresco
☐ 1st Round ☒ 2nd Round



Unit Preventative Maintenance – ULT Twin Guard

Date of Service: 06/27/25 Next Service Due: 12/27/25 Tech: CD Room # FREEZER FARM
Customer I.D. WOLVERINE SES # 11054 MFR: PHCBI
Model # MDF-DU702VXC-PA Serial # 20050171
NIST Meter Serial # T-281182 NIST Meter Calibration Due: 06/26/26

	Pass	Fail	N/A		Pass	Fail	N/A	NEW
Door Seal	☒	☐	☐	PEP Heater	☒	☐	☐	
Gaskets	☒	☐	☐	Wiring Connections	☒	☐	☐	
Inner Doors	☒	☐	☐	Insulation Lines	☒	☐	☐	
Hinges & Fastening	☒	☐	☐	Battery	☒	☐	☐	☐
Handles	☒	☐	☐	Alarm Test	☒	☐	☐	
Door Open Switch(es)	☒	☐	☐	Cycles at Setpoint	☒	☐	☐	
Clean Condenser	☒	☐	☐	Condenser Fan Motor(s)	☒	☐	☐	
Clean Pre-Filter	☐	☐	☒	CFM Counter		<u>1794</u>		

Temperature

Setpoint: -80C Display: -81C NIST: -80.5C Chart: NA Adjust: NA

System A Compressor

218 Voltage -100.2C LEVA In
3.6 Amperage -79.8C LEVA Out
Model: KS370J1NS-7A

System B Compressor

218 Voltage -100.2C LEVA In
3.0 Amperage -78.8C LEVA Out
Model: KS370J1NS-7A

CO2/LN2 Back-up

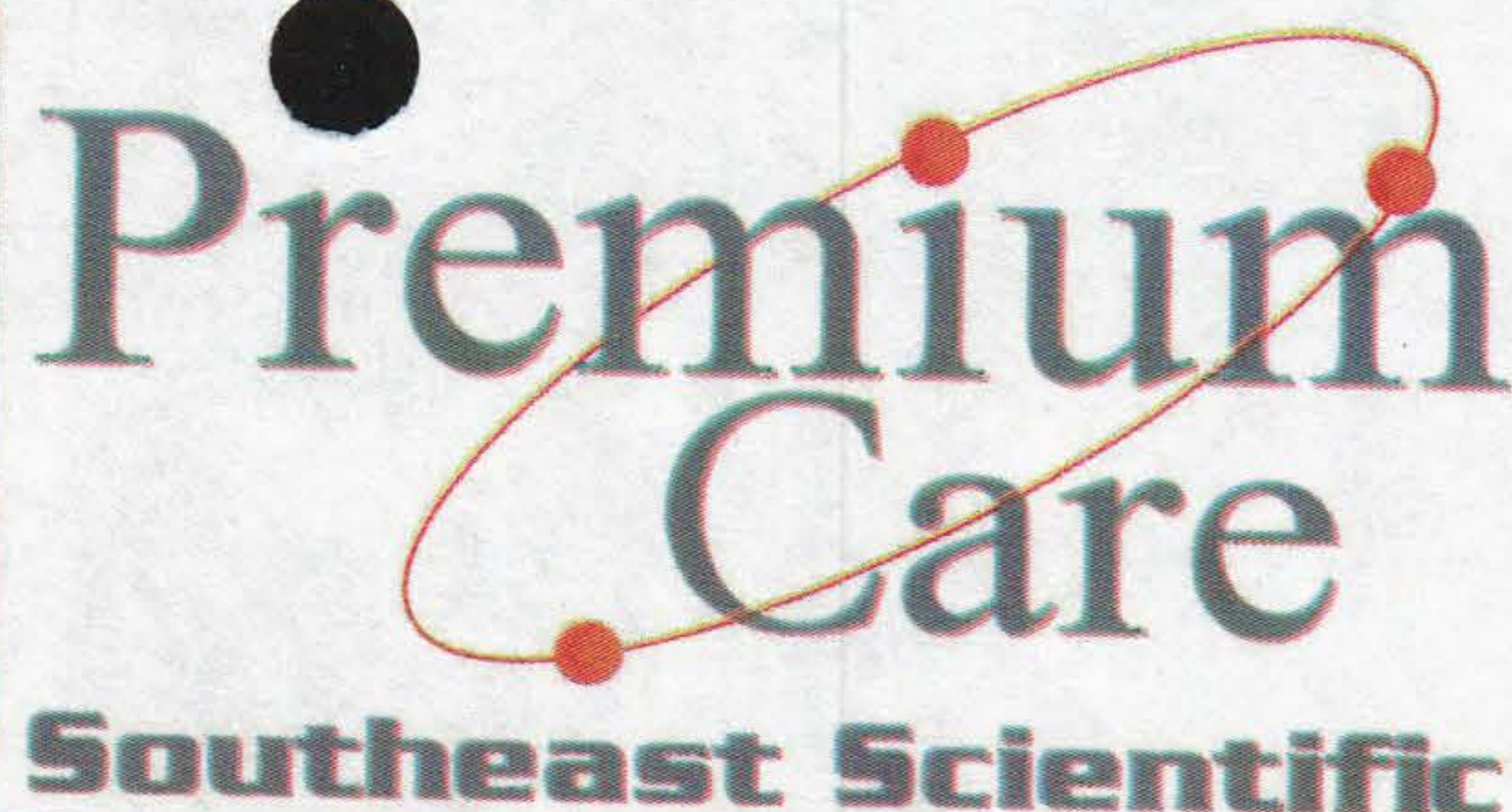
Setpoint: NA
Pass Fail
Leak Check ☐ ☐
Test ☐ ☐

7.1 Unit Total Amperage -70C High Alarm Set 220 Volts Rated
7.7 Amps Rated -90C Low Alarm Set 6.5 Battery Charge Circuit

Technician's Notes:

HX 1ST: -55.6C HX 2ND: -60.7C

Customer: Emory - HSRB
Address: 1760 Haygood Drive
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Ph: 404-727-6515 Contact: Kira Moresco
☐ 1st Round ☒ 2nd Round



Unit Preventative Maintenance – Stirling ULT Freezer

Date of Service: 06/30/25 Next Service Due: 12/30/25 Tech: CD Room # E-263
Customer I.D. CAPTAIN AMERICA SES # 11961 MFR: STIRLING
Model # SU780XLE Serial # 21110-17482
NIST Meter Serial # T-281182 NIST Meter Calibration Due: 06/26/26

	Pass	Fail	N/A		Pass	Fail	N/A	New
Door Seal	☒	☐	☐	Door Open Switch(es)	☒	☐	☐	
Gaskets	☒	☐	☐	PEP Heater	☒	☐	☐	
Inner Doors	☒	☐	☐	Engine Fans	☒	☐	☐	
Hinges & Fastening	☒	☐	☐	Cycles at Setpoint	☒	☐	☐	
Handles	☒	☐	☐	Battery	☒	☐	☐	☐

Temperature

Setpoint: -80C Display: -79C NIST: -78.8C Chart: NA Adjust: NA

Engine Compressor

153 Voltage
4.1 Amperage
-95C Cold Head
37C Warm Head
385 Watts

CO2 / LN2 Back-Up

Setpoint: NA

	Pass	Fail
Leak Check	☐	☐
Test	☐	☐

5-10 Amps Rated 120-240 Volts Rated -60C High Alarm Set
4.5 Unit Total Amps 6.24 Battery Charge Circuit -100C Low Alarm Set

Technician's Notes:

Customer: Emory - HSRB
Address: 1760 Haywood Drive
City, State, Zip: Atlanta, GA, 30322
Ph: 404-727-6515 Contact: Kira Moresco
☐ 1st Round ☒ 2nd Round



Unit Preventative Maintenance – Stirling ULT Freezer

Date of Service: 07/14/25 Next Service Due: 01/14/26 Tech: jcd Room # E-263
Customer I.D. CAPTAIN MARVEL SES # 11962 MFR: Stirling
Model # SU780XLE Serial # 21110-17450
NIST Meter Serial # 30430148WS NIST Meter Calibration Due: 09/28/25

	Pass	Fail	N/A		Pass	Fail	N/A	New
Door Seal	☐	☒	☐	Door Open Switch(es)	☒	☐	☐	
Gaskets	☒	☐	☐	PEP Heater	☒	☐	☐	
Inner Doors	☒	☐	☐	Engine Fans	☒	☐	☐	
Hinges & Fastening	☒	☐	☐	Cycles at Setpoint	☒	☐	☐	
Handles	☒	☐	☐	Battery	☒	☐	☐	☐

Temperature

Setpoint: -80c Display: -80c NIST: -78.7c Chart: NA Adjust: NA

Engine Compressor

109.3 Voltage
3.3 Amperage
-93c Cold Head
34c Warm Head
278 Watts

CO2 / LN2 Back-Up

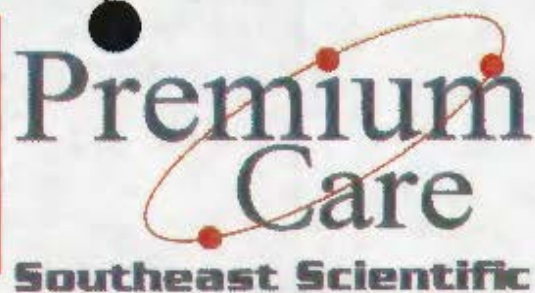
Setpoint: NA

	Pass	Fail
Leak Check	☐	☐
Test	☐	☐

5-10 Amps Rated 120-240 Volts Rated -75c High Alarm Set
3.8 Unit Total Amps 6.23 Battery Charge Circuit -100c Low Alarm Set

Technician's Notes:

Customer: Emory - HSRB
 Address: 1760 Haygood Drive
 City, State, Zip: Atlanta, GA, 30322
 Ph: 404-727-6515 Contact: Kira Moresco
☐ 1st Round ☒ 2nd Round



Unit Preventative Maintenance – Ultra Low Temperature Freezer

Date of Service: 06/27/25 Next Service Due: 12/27/25 Tech: CD Room # FREEZER FARM
 Customer I.D. DARK PHOENIX SES # 5431 MFR: SANYO
 Model # MDF-U74VC Serial # 10070648
 NIST Meter Serial # T-281182 NIST Meter Calibration Due: 06/26/26

	Pass	Fail	N/A		Pass	Fail	N/A	New
Door Seal	☒	☐	☐	Cleaned Pre-Filter	☒	☐	☐	☐
Gaskets	☒	☐	☐	Clean Condenser	☒	☐	☐	
Inner Doors	☒	☐	☐	Condenser Fan Motor(s)	☒	☐	☐	
Hinges & Fastening	☒	☐	☐	Battery	☒	☐	☐	☐
Handles	☒	☐	☐	Insulation Lines	☒	☐	☐	
Door Open Switch(es)	☒	☐	☐	Cycles at Setpoint	☒	☐	☐	
PEP Heater	☐	☐	☒	CFM Counter	<u>2.3</u>			

Temperature

Setpoint: -80C Display: -79C NIST: -78.6C Chart: NA Adjust: NA

High Stage Compressor

216 Voltage
2.4 Amperage Inverter
NA HEX In Normal ☐
-34.6C HEX Out Error ☐
NA RPMs N/A ☒
 Model: KS370J1NS-7A

Low Stage Compressor

216 Voltage
2.2 Amperage Inverter
-86.4C EVAP In Normal ☐
-62.3C EVAP Out Error ☐
NA RPMs N/A ☒
 Model: KS370J1NS-7A

CO2/LN2 Back-up

Setpoint: NA

	Pass	Fail
Leak Check	☐	☐
Test	☐	☐

5.7 Amps Rated 220 Volts Rated -70C High Alarm Set
5.1 Unit Total Amps 10.4 Battery Charge Circuit -90C Low Alarm Set

Technician's Notes: