



**Aviation
Ground
Equipment Corp.**

HOBART®
GROUND SYSTEMS

Illustrated Parts List



**Hobart 2300
400 Hz Ground Power Unit
30 - 90 kVA
With 28 VDC outlet (optional)**

CHAPTER 1 - Parts

Section 1 - Introduction

1) GENERAL

The Illustrated Parts List identifies, describes, and illustrates main assemblies, subassemblies, and detail parts of the SSFC, manufactured by ITW GSE Group, Hobart Ground Systems.

2) PURPOSE

The purpose of this list is to provide parts identification and descriptive information to maintenance and provisioning personnel for use in provisioning, requisitioning, purchasing, storing, and issuing of spare parts.

3) ARRANGEMENT

Chapter 1 is arranged as follows:

Section 1 - Introduction

Section 2 - Recommended Spare Parts

Section 3 - Illustrated Parts List

Section 4 - Numerical Parts List

This page intentionally left blank.

CHAPTER 1 - Parts

Section 2 - Recommended Spare Parts

1) List of Recommended Spare Parts

The following list is a compilation of Recommended Spare Parts.

Table 1-2-1. Recommended Spare Parts

Part Number	Description	Code	Number of Units 1-3	4-8	9-15
AP-278020	Vertical Display insert	C	1	1	1
AP-278026	Gasket for glad plate	C	1	1	2
AP-532302	Operator Galvanized mounting frame	C	1	1	1
AP-534206	Remote Control Box w/display	C	1	1	2
AP-556705	400 Hz output transformer	C	1	1	2
AP-556706	12-pulse mains transformer	C	1	1	1
AP-564706	Mains AC-choke 650 uH, 116A (90kVA)	C	1	1	1
AP-564707	Mains AC-choke 1300uH, 58A (45kVA)	C	1	1	1
AP-578001	Power Module CE only	C	1	1	1
AP-578001R	Repaired Power Module w/ core return	C	1	1	1
AP-578003	Power Module UL only	C	1	2	3
AP-578003R	Repaired Power Module w/ core return	C	1	1	1
AP-578909	Door Interlock Switch	BC	1	2	3
AP-578930	Base Module cabinet (13.7" high)	C	1	1	1
AP-579410	Processor Board	BC	1	2	3
AP-579425	Output RFI Board	BC	1	2	3
AP-579500	Power Supply Module	C	1	2	3
AP-579501	Interface Module	BC	1	2	3
AP-579502	Display Module (SN required)	C	1	2	3
AP-579504	Input RFI Board	BC	1	2	3
AP-578K003	Keyboard Membrane Module	C	1	2	3
AP-AE7041	Lithium Battery (replace every 5 - 7 yrs)	C	1	2	3
AP-AF0246	Input Disconnect Switch	C	1	2	3
AP-AF0249	Disconnect Switch Handle	C	1	2	3
AP-AF0257	Disconnect Switch Handle Support	C	1	2	3
AP-AF0258	Shaft for Disconnect Switch	C	1	2	3
AP-AF0403	Emergency Stop PB	BC	1	2	3
AP-AM0060	Intake (top) Air Filter (Vertical units)	ABC	3	6	9
AP-AM0061	Intake (top) Air Filter (Horizontal units)	ABC	3	6	9
AP-AM0063	Output (base) Air Filter	ABC	3	6	9
AP-AM0131	Air Filter (horizontal units)	ABC	3	6	9
AP-DV3009	Operator Membrane Keyboard (SN req)	BC	1	2	3

AP-IT0027	Current Sensor 300A, 1:2000	BC	1	2	3
AP-KO4082	30/45 kVA Output Contactor	BC	1	1	2
AP-KO4253	60/90 kVA Output Contactor	BC	1	1	2
AP-KP0488	Capacitor 0.47uF 500VAC	BC	3	6	9
AP-KP7041	Capacitor 100uF 250VAC	BC	9	18	27
AP-RC0006	Surge Suppressor	BC	3	6	9
AP-SI0040	Fuse, 4A fast 250V	ABC	5	5	10
AP-SI0106	Fuse/Fuse, 6.3A, 500V 6.3 x 32	ABC	5	5	10
AP-SI2066	ATO Fuse 10A (F)	ABC	5	5	10
AP-SI2075	ATO Fuse 5A (F)	ABC	5	5	10
AP-VN0013	Fan	BC	1	2	3
28VDC Option items					
AP-556707	Transformer 3x200/2x27 V, 170A	C	1	1	1
AP-564690	Choke for filter	C	1	1	1
AP-579506	TRU Interface	C	1	1	1
AP-EL3305	Electrolytic capacitor 22mF 40V 20%	BC	3	6	9
AP-HG0304	Diode, Pos, 275A, 300 PRV	BC	1	2	3
AP-MO0410	Resistor 22 Ohm, 100 W, 5%	BC	1	2	3
AP-TR7010	Thermostat 110 ± 3 °C NC	BC	1	2	3

Table 1-2-2. Spare Parts Code

Code:		
A	Running Spares	- Necessary For Unit Operation
B	Maintenance Spares	- Necessary For Unit Operation
		* With General Maintenance
C	Depot Spares	- Necessary For Unit Operation
		* Plus Some Overhaul Capabilities

CHAPTER 1 - Illustrated Parts List
Section 3 -Illustrated Parts List

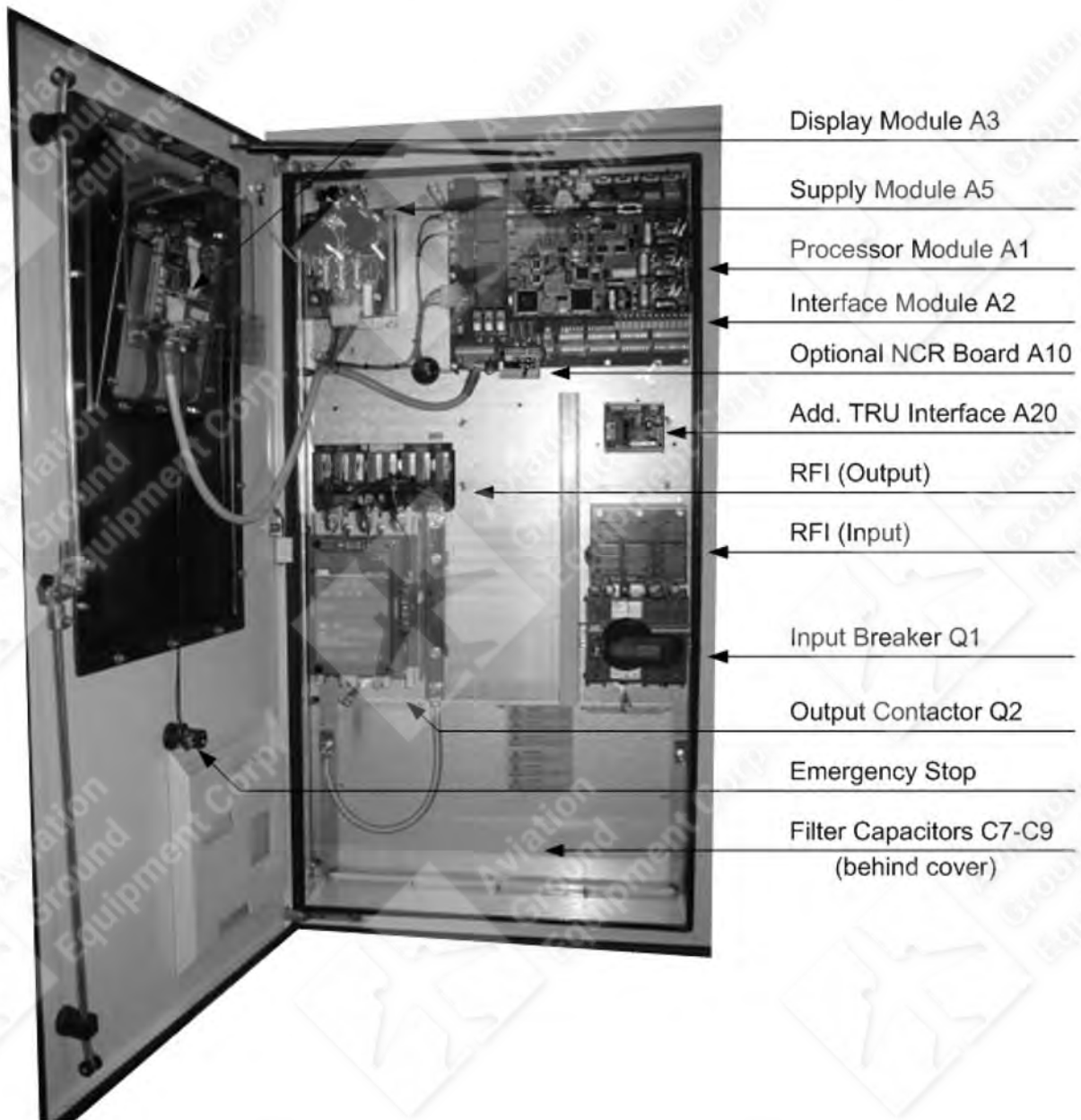


Figure 1-3-1. Hobart 2300 Vertical - Front View



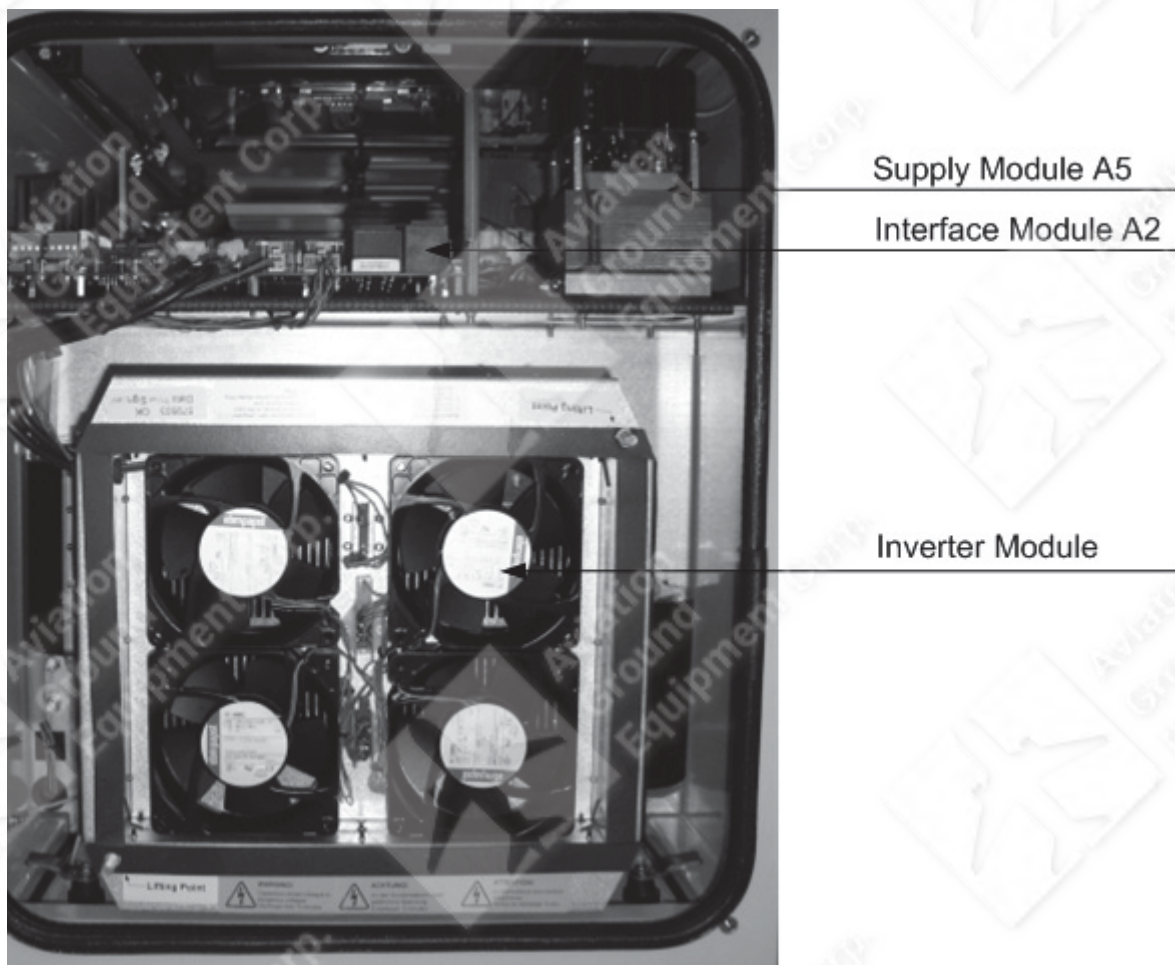


Figure 1-3-3. Top/front View

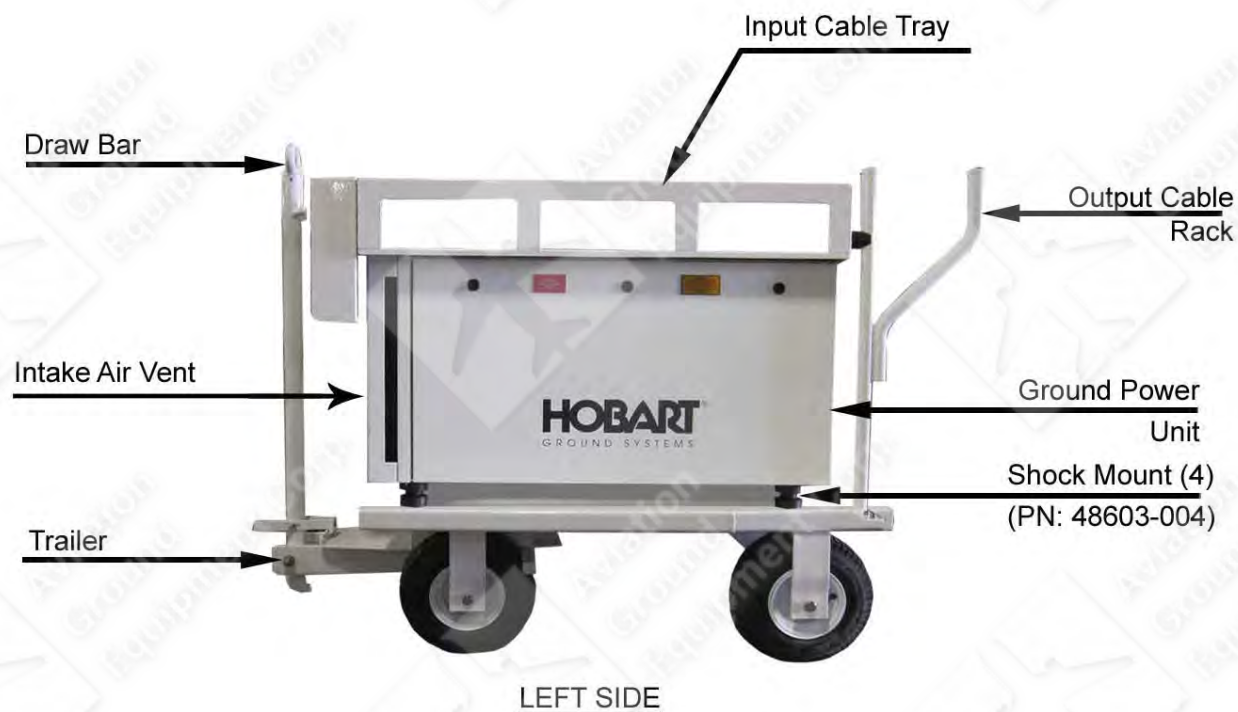


Figure 1-3-4. Hobart 2300 Trailer Mounted GPU