



Illustrated Parts List for

POWERMMASTER[®] ADV



All 90kVA Models

Series 500080

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Chapter 1 Illustrated Parts List

Section 1 Introduction/ Numerical Index

1) General

The illustrated parts list identifies, describes, and illustrates main assemblies, subassemblies, and detail parts of the 400 Hz Solid State Converter manufactured by ITW GSE, Palmetto, FL, USA.

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/ Numerical
index Section 2 - Parts List

4) Explanation of Parts List

a) Contents

The parts list contains a breakdown of the equipment into assemblies, subassemblies, and detail parts. All parts of the equipment are listed except:

- Standard hardware items (attaching parts) such as nuts, screws, washers, etc., which are available commercially
- Bulk items such as wire, cable, sleeving, tubing, etc., which are commercially available
- Permanently attached parts, which lose their identity by being welded, soldered, riveted, etc., to other parts, weldments, or assemblies

b) Parts List Form

This form is divided into six columns. Beginning at the left side of the form and proceeding to the right, columns are identified as follows:

(1) FIGURE-ITEM NO. Column

This column lists the figure numbers of the illustration applicable to a particular parts list and also identifies each part in the list by an item number. These item numbers also appear on the illustration. Each item number on an illustration is connected to the part to which it pertains by a leader line. Thus, the figure and item numbering system ties the parts lists to the illustrations and vice-versa. The figure and index numbers are also used in the numerical index to assist the user in finding the illustration of a part when the part number is known.

(2) ITW GSE PART NUMBER Column

All part numbers appearing in this column are ITW GSE part numbers. In all instances where the part is a purchased item, the vendor's identifying five-digit code and his part number will appear in the "NOMENCLATURE" column. Vendor parts, which are modified by ITW GSE, will be identified as such in the "NOMENCLATURE" column. In case ITW GSE does not have an identifying part number for a purchased part, the "ITW GSE PART NUMBER" column will reflect "No Number" and the vendor's number will be shown in the "NOMENCLATURE" column. Parts manufactured by ITW GSE will reflect no vendor or part number in the "NOMENCLATURE" column.

(3) NOMENCLATURE Column

The item identifying name appears in this column. The indented method is used to indicate item relationship. Thus, components of an assembly are listed directly below the assembly and indented one space. Vendor codes and part numbers for purchased parts are also listed in this column when applicable.

(4) EFF (Effective) Column

This column is used to indicate the applicability of parts to different models of equipment. When more than one model of equipment is covered by a parts list, there are some parts that are used on only one model. This column is used for insertion of a code letter A, B, etc., to indicate these parts and to identify the particular model they are used on.

This manual covers only one model, so the EFF column is not used. All parts are usable on this model, Part Number 500049A-81260.

(5) UNITS PER ASSEMBLY Column

This column indicates the quantity of parts required for an assembly or subassembly in which the part appears. This column does not necessarily reflect the total used in the complete end item.

1) Explanation of Numerical Index

The purpose of this index is to assist the user in finding the illustration and description of a part when the part number is known. Part numbers are arranged in alphanumerical sequence.

Figure/Item No	ITW GSE Part No	Figure/Item No	ITW GSE Part No
7-10	056210	4-20	283867-005
4-	16DA4252-037	4-37	284316-002
3-17	181358	7-8	284316-002
4-	192266-001	4-38	284316-003
3-25	280673	4-39	284316-005
5-10	280673	9-3	284359
3-1	280807	9-3	284397
7-3	281848-001	10-3	284606-001
3-13	281848-002	5-13	285102
6-10	281929-001	3-2	285104-001
7-6	281971-001	4-23	285170
5-2	281971-013	3-3	285315-001
9-1	282130-001	3-19	285568
5-11	283066-002	4-11	286144
6-1	283155-003	4-6	286246B
6-5	283156-003	7-7	286250A

Figure/Item No	ITW GSE Part No	Figure/Item No	ITW GSE Part No
6-9	283157-003	8-4	286266
11-3	283159-004	10-4	286277
11-	283168-002	10-7	286278
11-	283171-002	10-5	286279-001
11-	283172-001	4-14	286285-001
4-21	283196-002	5-	286316-001
4-15	283196-003	2-2	286354
7-13	283387-002	3-21	286367-001
1-25	283691-001	1-17	286377
1-9	283714-003	5-	286380
1-16	283716	5-	286382
4-27	286389-001	10-	286485-001
8-1	286389-002	7-14	286489-001
4-10	286392-001	10-2	286498
4-19	286394	3-24	286528A
1-4	286398-002	5-	286531-001
4-8	286400A	4-13	287353A
1-3	286411	1-20	287460
1-1	286423	10-10	287542-001

Figure/Item No	ITW GSE Part No	Figure/Item No	ITW GSE Part No
3-20	286428	10-11	287546-001
7-1	284431	4-26	287824
7-5	286433	4-25	287826
7-4	286434	4-17	287830
7-9	286483	4-18	287831
5-	286440-001	3-18	287856
7-2	286441	4-1	287857
1-18	286442	4-31	287867-001
1-19	286447	8-9	287867-001
3-16	286447	4-32	287867-002
3-15	286448	8-10	287867-002
5-	286449	4-33	287867-003
9-2	286450	8-11	287867-003
1-10	286457	10-	288225
7-15	286468	1-21	288505
3-1	286469	1-23	288510-001
11-2	286478	2-1	288518
5-1	286480-003	4-2	288520
3-23	286482-001	4-3	288521
4-7	288522	1-23	288625

Figure/Item No	ITW GSE Part No	Figure/Item No	ITW GSE Part No
4-9	288523	6-4	288626
10-	288525-001	1-24	288645-002
10-	288525-002	1-24	288645-001
5-5	288529	3-26	288648
6-2	288537	4-24	288690
6-3	288538	1-22	288730
8-5	288597	4-40	288776
7-11	288598	4-41	288777
8-3	288599	4-42	288778
8-2	288600	5-	288974
6-7	288601	3-4	291267
6-8	288602	3-6	291268-001
4-4	288603	3-5	291269-001
4-12	288604	1-	400613-004
3-22	288605	6-6	401911-005
4-34	288606	9-7	402422-001
4-36	288609	9-8	402422-002
11-4	288613	4-	402674-001
2-4	288614	4-	402674-002
5-3	288615	3-14	402682

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Figure/Item No	ITW GSE Part No	Figure/Item No	ITW GSE Part No
5-9	288616	1-11	402987
10-8	288617	4-35	403127
10-9	288618	4-16	403955-021
10-1	288619	4-5	404044-004
10-6	288621	7-12	404249-003
2-3	288622	3-10	404960-034
4-22	407970	4-28	77A1107
5-6	493712	8-6	77A1107
9-4	77A1107	8-7	77A1108
4-29	77A1108	9-5	77A1108
4-30	77A1109	3-9	83A1112
8-8	77A1109	3-8	83A1113
9-6	77A1109	3-7	83A1114
9-9	78A1035	3-11	W10502-031
1-6	82B1066-001	-	291276
1-5	82B1066-010	-	291275
1-7	82B1066-012		
1-8	82B1066-012		

Section 2 Illustrated Parts List

1) Explanation of Parts List Arrangement

The parts list is arranged so that each illustration appears on a left-hand page, and the applicable parts list appears on the opposite right-hand page. In this format, the user will be able to look at the illustration and read the parts list without turning a page.

2) Symbols and Abbreviations

The following is a list of symbols and abbreviations used in the parts list:

*	-	Item not illustrated
A, or AMP	-	Ampere
AC	-	Alternating current
AR	-	As required
DC	-	Direct current
Fig.	-	Figure
hd.	-	Head
hex	-	Hexagon
Hz	-	Hertz (cycles-per-second)
I.D.	-	Inside diameter
IN	-	Inch
KVA	-	Kilovolt-ampere
uF	-	Microfarad
No.	-	Number
NHA	-	Next higher assembly
PRV	-	Peak reverse voltage
PSI	-	Pounds per square inch
Ref	-	Reference (the item has been listed previously)
RH	-	Right Hand
LH	-	Left Hand
TM	-	Technical Manual
T-R	-	Transformer-rectifier
V	-	Volt or used as a prefix indicating vendor code

NOTE: An item which does not reflect an index number is an assembly which is not illustrated in its assembled state, or it is similar (right-hand, left-hand, top, etc.) to an item which is illustrated.

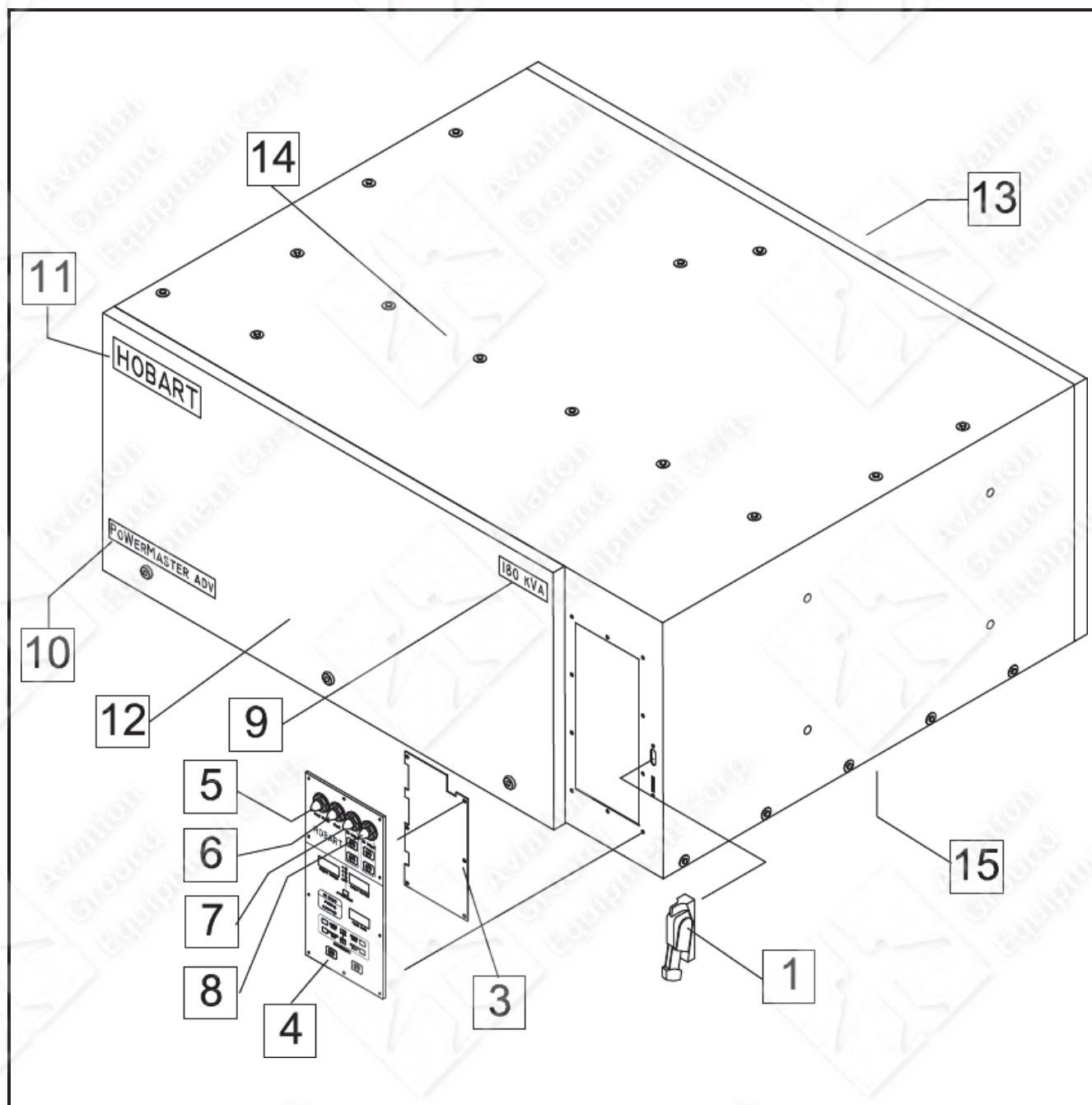


Figure 1 PowerMaster ADV Converter

FIGURE - ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNITS PER ASSY.
1 -	1	286416-001		1
*	2			Ref.
	3	286411		1
	4	286398-002		1
	5	82B1066-010		1
*		400613-004		1
	6	82B1066-001		1
*		400613-004		1
	7	82B1066-012		1
*		400613-004		1
	8	82B1066-012		1
*		400613-004		1
	9	283714-002	9	1
	10	286457		1
	11	402987		1
*	12			Ref.
*	13			Ref.
*	14			Ref.
*	15			Ref.
		Miscellaneous Labels (none are shown)		
*	16	283716		1
*	17	286377		1
*	18	286441		2
*	19	286442		1
*	20	287460		2
*	21	288505		2
*	22	288730		1
*	23	288510-001		1
		Wires and Cables		
*	23	288625		1
*	24	288645-001		1
*	25	288714		1
*	26	283691-001		1

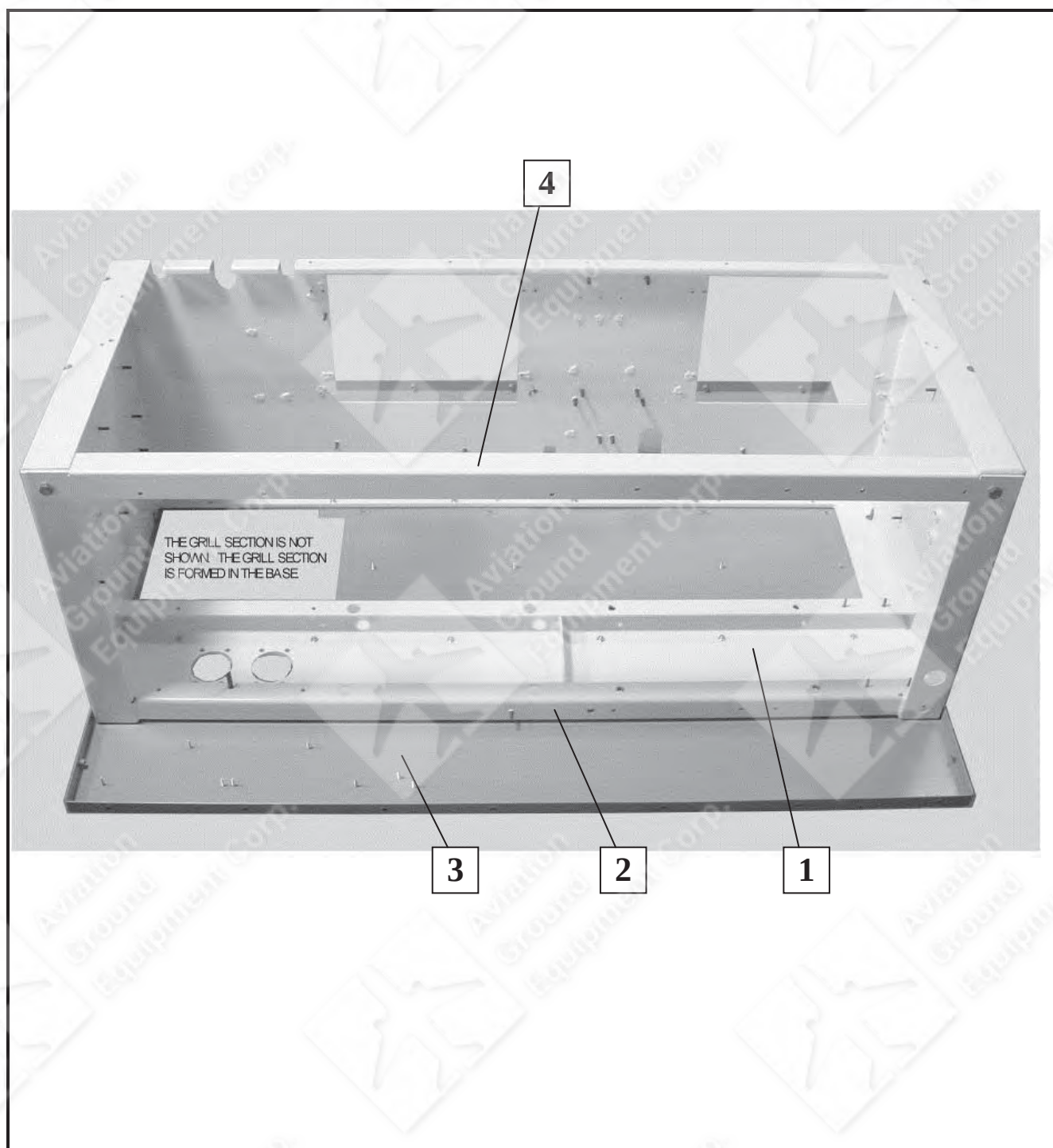


Figure 2 Frame Assembly

FIGURE - ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNITS PER ASSY.
2 -	1	288518	Frame	1
	2	286354	Bottom Frame Spacer	1
	3	288622	Base	1
	4	288614	Canopy Top Support	1

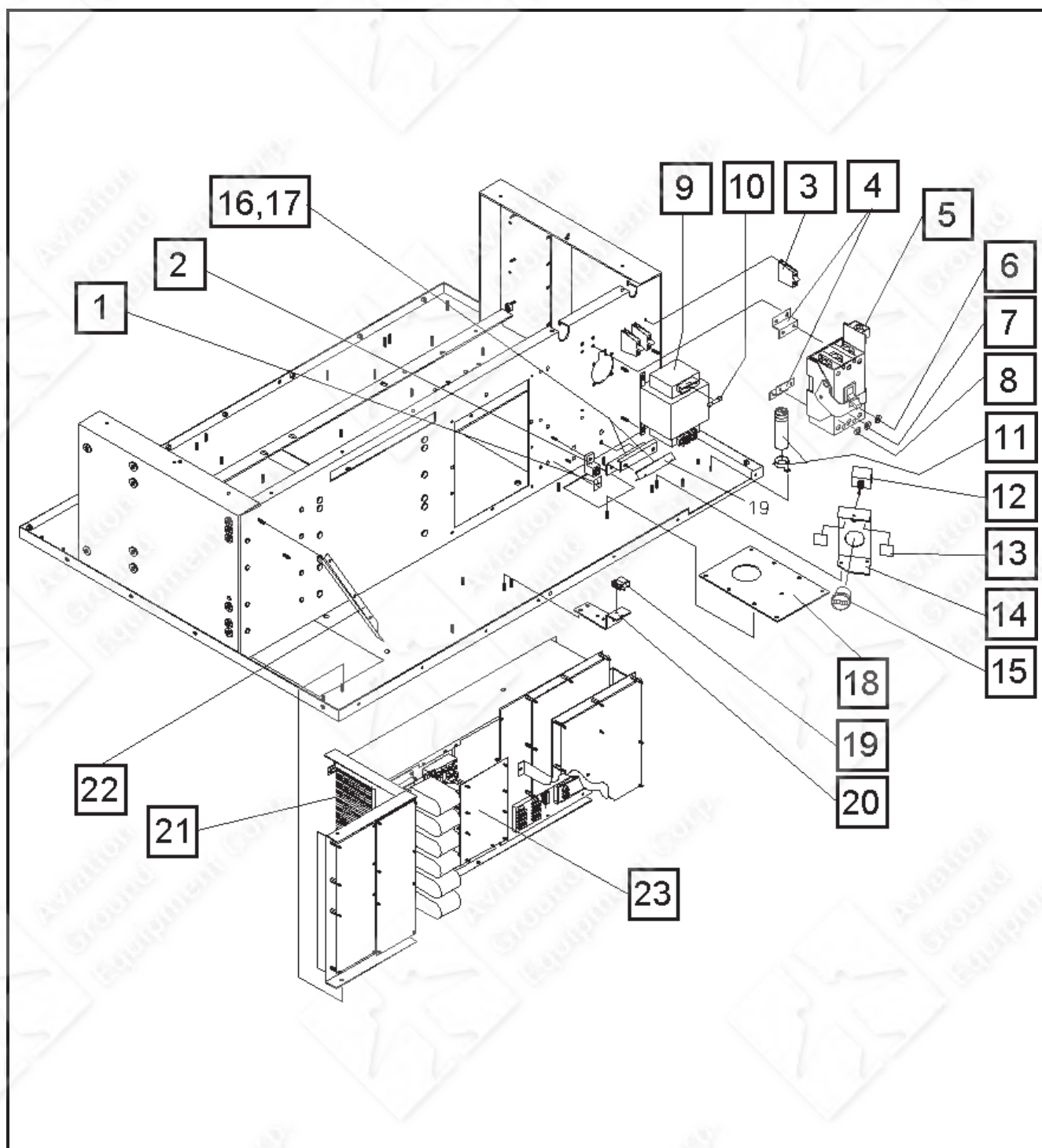


Figure 3a Front Interior Components

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNITS PER ASSY.
3 -	1	280807	Ground Label	1
	2	285104-001	Grounding Lug (V74829 #TA-250)	1
	3	285315-001	MOV Suppressor (V75915 #V661DA40)	3
	4	291139	Circuit Breaker Support	2
	5	291269-002	Circuit Breaker (V14799 #HJL36150M74)	1
*		291268-001	...Actuator, Circuit Breaker (V14799 # 9422 CSF30)	1
	6	83A1114	Label, L3	1
	7	83A1113	Label, L2	1
	8	83A1112	Label, L1	1
	9	404960-034	Control Transformer, 115v (V6Y440 #B750-1213-1)	1
	10	W10502-031	Slow Blow Fuse, 15 A, 500 V (V71400 #FNQ)	1
	11	281848-002	Capacitor, 1800 UF, 250 VDC	1
	12	402682	Toggle Switch	1
	13	286447	Voltage Selection Label	1
	14	286448	Meter Support Bracket	1
	15	181358	Hour Meter (V6H359 #85101)	1
	16	287856	Cable Clamp Support	1
	17	285568	Cable Clamp Bracket	1
	18	286423	Input Cable Plate	1
	19	280673	Door Interlock Switch (V1W134 #SSI2ET10-20Y3)	1
	20	286445	Front Door Switch Support	1
	21		Heatsink Panel Assembly, (See Figure 4)	Ref.
	22	287841	LH Input Filter Guide	1
	23	286597	Board, PC, DC Controls (A11)	1
	* 24	287341	Wire Harness Assembly (used throughout)	1
*	25	286475-001	Cable Summary	1
3 -	1	280807	Ground Label	1
	2	285104-001	Grounding Lug (V74829 #TA-250)	1
	3	285315-001	MOV Suppressor (V75915 #V661DA40)	3

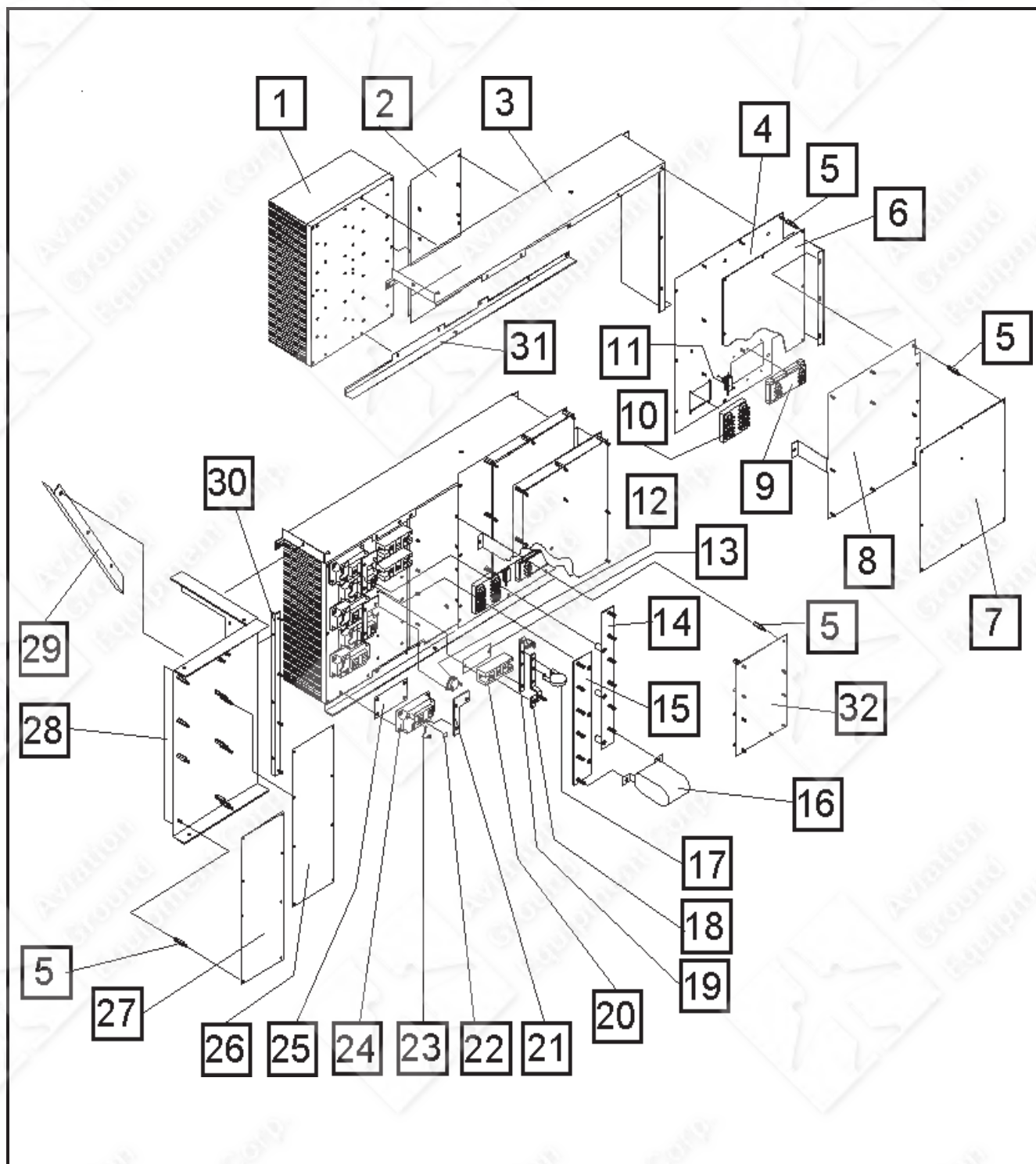


Figure 4 Heat Sink Assembly

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
4 -	1	287857 Bonded Fin Heatsink		1
	2	286269 Heatsink Spacer Panel		1
	3	287844 Heatsink Wrapper		1
	4	287833 Heatsink Cover		1
	5	284316-002 PC Board Metal Standoff		34
	6	286246B IPC PC Board Assembly		1
	7	286400A Signal Conditioning PC Board Assembly		1
*		192266-001 ...Suppressor		1
	8	286443 SCB PC Board Support		1
	9	286528A Input Step-Down Pwr Supply		1
	10	286367-001 Cntrl Logic Pwr Supply (V05YB3 # M30D1205-12TS)		1
	11	286482-001 Resistor, 50 W (V91637 #RH-50)		1
	12	404044-004 Overload Thermal Switch		1
	13	283196-003 SCR Thermal Pad (V0MR72 #AL-370-134)		6
	14	287825 IGBT DC Positive Bus Bar		1
*		402674-002 ...Label, Positive		1
	15	287826 IGBT DC Negative Bus Bar		1
*		402674-001 ...Negative Label		1
	16	286389-001 Capacitor, DC, 50 mFD		6
	17	403955-021 Semiconductor Suppressor (V24446 #V751HA40)		2
	18	287830 SCR Bus Bar		2
	19	287831 SCR Negative Bus Bar		2
	20	286285-001 SCR Diode (V66844 #CD621615A)		6
	21	287824 AC Out Bus Bar		3
	22	407970 Static Sensitive Label		6
	23	285170 Suppressor		6
	24	283867-005 IGBT Transistor (V66844 #CM400HA-24H)		6
	25	283196-002 Thermal Transistor Pad (V0MR72 #AL-425-244)		6
	26	286144 Driver PC Board Assembly		1
	27	287353A Modulator PC Board Assembly		1
	28	286533 Air Duct Assembly		1
	29	286420 RH Input Filter Guide		1
	30	286274 Driver Board Support		1
	31	287843 Heatsink Panel Angle		1
	32	286597 TR Control PC Board Assembly (A11)		1
*	33	77A1109 Label, "C"		1
*	34	77A1108 Label, "B"		1
*	35	77A1107 Label, "A"		1
*	36	286394 SCR Cable Barrier		1
*	37	287341 Wire Harness Assembly (used throughout)		1
*	38	286335 12 Pulse Wire Harness		1

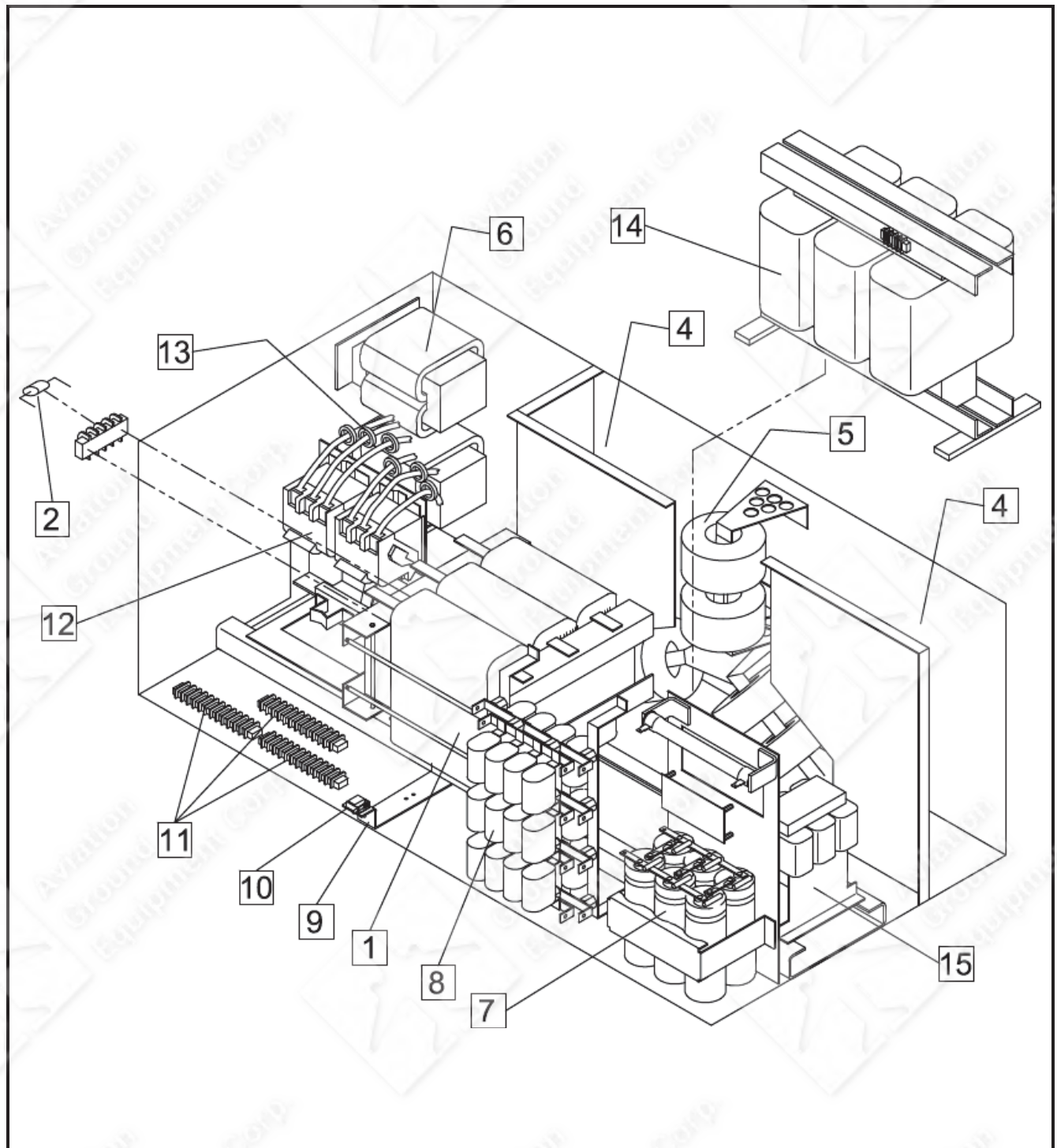


Figure 5a Rear Interior Components

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNITS PER ASSY.
5a -	1	286480-003	Main Transformer	1
	2	281971-002	Resistor 90kVA	
*		286449	...Transformer Air Baffle	1
*		286438	...Transformer Stud	4
*		286316-001	...Universal Mount (V5P059 #60013)	4
*	3	288615	Transformer Top Baffle	1
	4		Fan Assembly Components (See Figure 6)	Ref.
	5	288529	Air Core Inductor	3
	6	493712	DC Choke	2
	7		DC Electrolytic Capacitor Assembly (See Figure 7)	Ref.
	8		AC Capacitor Assembly (See Figure 8)	Ref.
	9	288616	Rear Door Switch Support	1
	10	280673	Door Interlock Switch (V1W134 #SSI2ET-10-2C43)	1
	11	283066-002	Terminal Block, 12 Station (V26794 #KUH12C)	3
*		286380	...Label, Terminal Block Connections	1
*		286382	...Label, Terminal Block ID	1
*		286531-001	...Resistor Assembly	2
*		288974	...Capacitor Assembly	2
	12		Contactor Panel Assembly (See Figure 9)	Ref.
	13	285102-001	Current Transformer (V054W1 #2245CT)	7
	14	286553-003	Input Transformer, 180 kVA, 600 V	1
	15	286492-001	3-Phase Air Core Inductor	1
	16	493712	Filter Reactor	2
*		289751	...Pad, Damping, Reactor	2
	17	286481-001	Transformer, 12-Pulse	1
*	18	286587	12-Pulse Transformer Support	1
*	19	286572	Transformer Bar	2
*		286571	... Transformer Support Spacer	4
*		286438	...Transformer Stud	4
*		286316-001	...Universal Mount (V5P059 #60013)	4
*	20	408350	Relay, 24 VDC, Emergency Stop	1
*	21	408352	Relay Socket	1
*	22	408585	Relay Spring	1

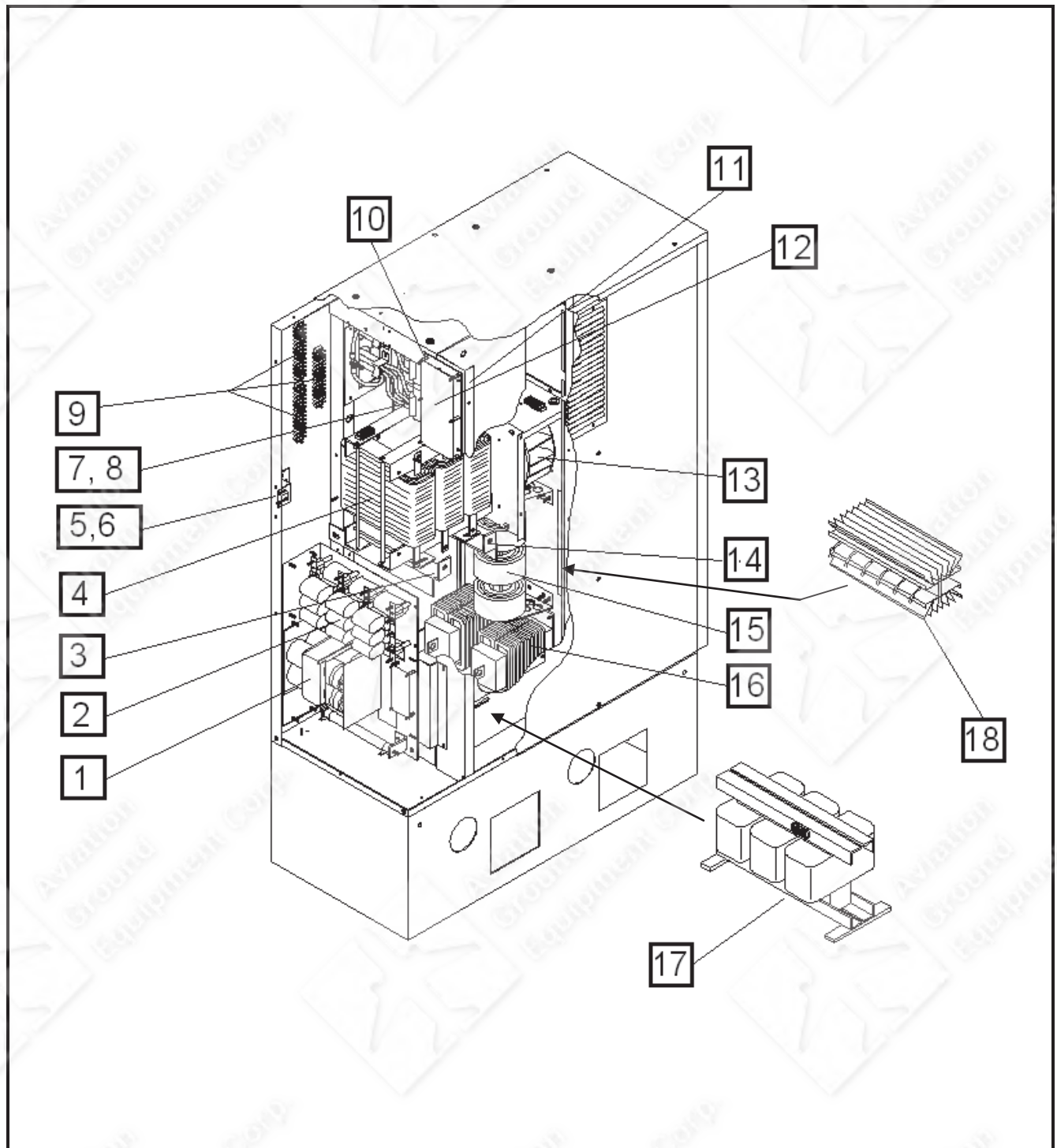


Figure 5b Rear Interior Components

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
5b - 1		DC Electrolytic Capacitor Assembly (See Figure 7)		Ref.
2		AC Capacitor Assembly (See Figure 8)		Ref.
3	286570-001	Transformer Support		1
4	288543-001	Main Isolation Transformer		1
*	281971-002	...Transformer Resistor Assembly, 90 kVA	B	1
*	281971-005	...Transformer Resistor Assembly, 45 kVA	A	1
*	286449	...Transformer Air Baffle		1
*	286438	...Transformer Stud		4
*	286316-001	...Universal Mount (V5P059 #60013)		4
	280673	Interlock Switch Door (V1W134 #SS12ET10-20Y3)		1
6	286602	Rear Door Switch Support		1
7		AC Contactor (See Figure 9)		Ref.
8	285102-001	Current Transformer (V05HB5 #20130) [see note]		7
9	283066-002	12 Station Terminal Block(V71400 #KUH12)		3
*	286380	...Terminal Block Connections Label		1
*	286382	...Terminal Block Fuse Label		1
*	286531-001	...Resistor Assembly on TB1		2
*	288974	...Capacitor Assembly on TB1		2
10	284316-002	Metal Standoff		6
11	286547	I/O PC Board Panel		1
12	286392-001	I/O PC Board Assembly		1
*	16DA4252-037	...Fuse, 1A, 250V, I/O Board		1
*	284316-002	...Metal Standoff		6
13		Fan Assembly Components (See Figure 6)		Ref.
14	286570-002	Transformer Support		1
15	286492-001	3 Phase Air Core Inductor		1
16	493712	Filter Reactor		2
*	289751	...Insulator		2
17	286481-001	12-Pulse Transformer		1
18		Heatsink Assembly (see figure 13)		Ref
*	19	Shunt, 800 Amp, 50 millivolt		1
*	20	DC Contactor, 800 Amps, 24 VDC		1
*	21	Main Transformer Baffle		1
*	22	Preload Resistor Assembly (see figure 12)		1
*	23	Transformer Bar		2
*	286571	... Transformer Support Spacer		2
*	24	Wire Harness Assembly (used throughout)		1
*	25	Cable Summary		1
*	26	Wire Harness Assembly (DC module)		1
*	27	Cable Summary (DC Module)		1
Note: Item 16 – Current Transformer Usage: ...3 CTs used on system output (L1, L2, L3) ...1 CT used on neutral line – not shown ...3 CTs used on AC input to TR – not shown Note Item 20 – located behind the AC contactor.				

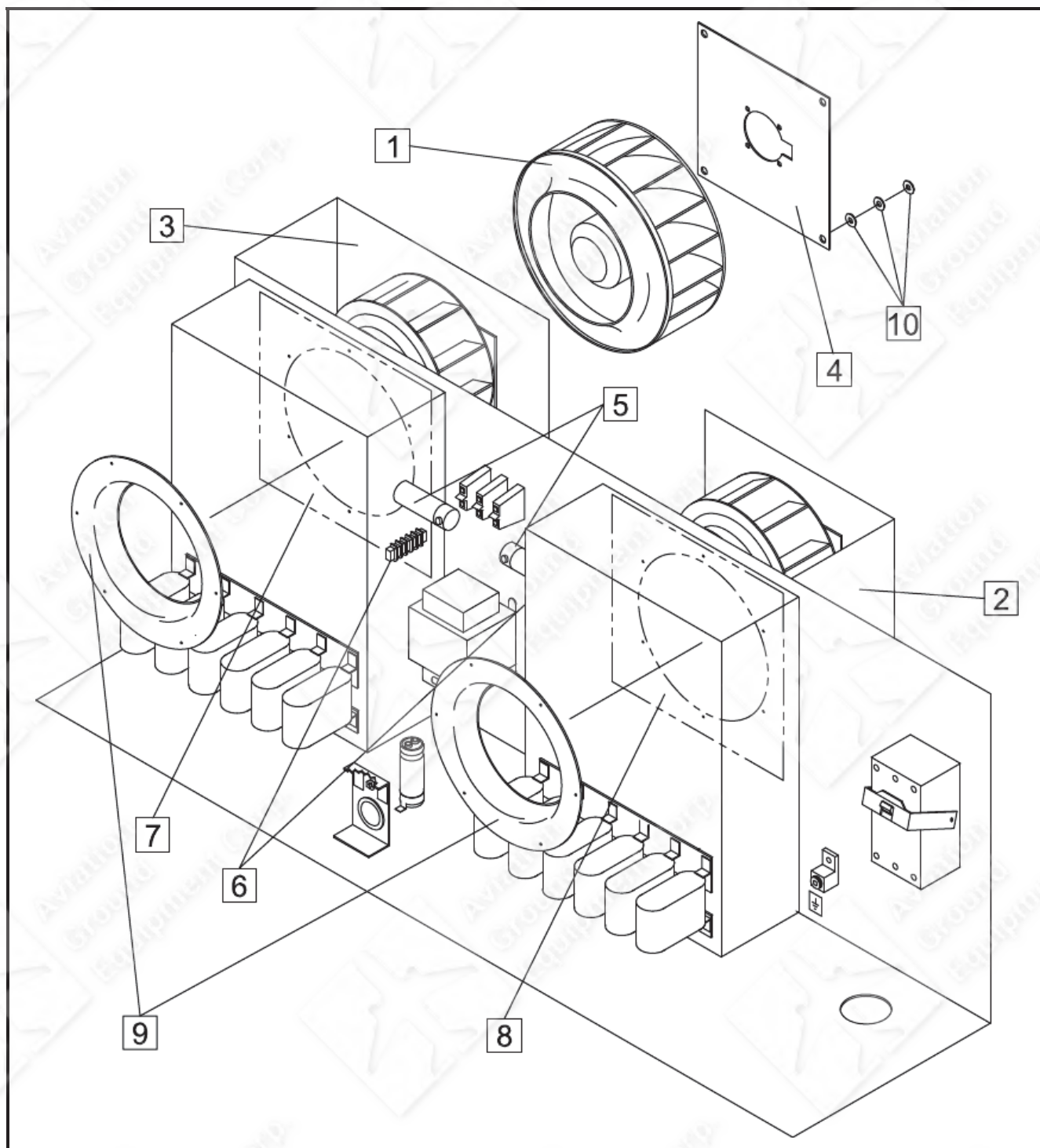


Figure 6 Fan Assembly Components

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
6 -	1	283155-003	Motorized Impeller (V62292 #R4E310-AE13-16)	2
	2	288537	Right Side Fan Mounting Bracket #1	1
	3	288538	Left Side Fan Mounting Bracket #2	1
	4	288626	Fan Mounting Plate	2
	5	283156-003	Motor Start Capacitor, 12 uF (V62292 #216747320)	2
*	6	401911-005	Terminal Block, 5 Station (V38151 #0205081)	2
	7	288601	Left Inlet Ring Panel	1
	8	288602	Right Inlet Ring Panel	1
	9	283157-003	Impeller Inlet Ring (V62292 # 9621-2-4013)	2
*	10	281929-015	Spacer, ¼" Washer	24

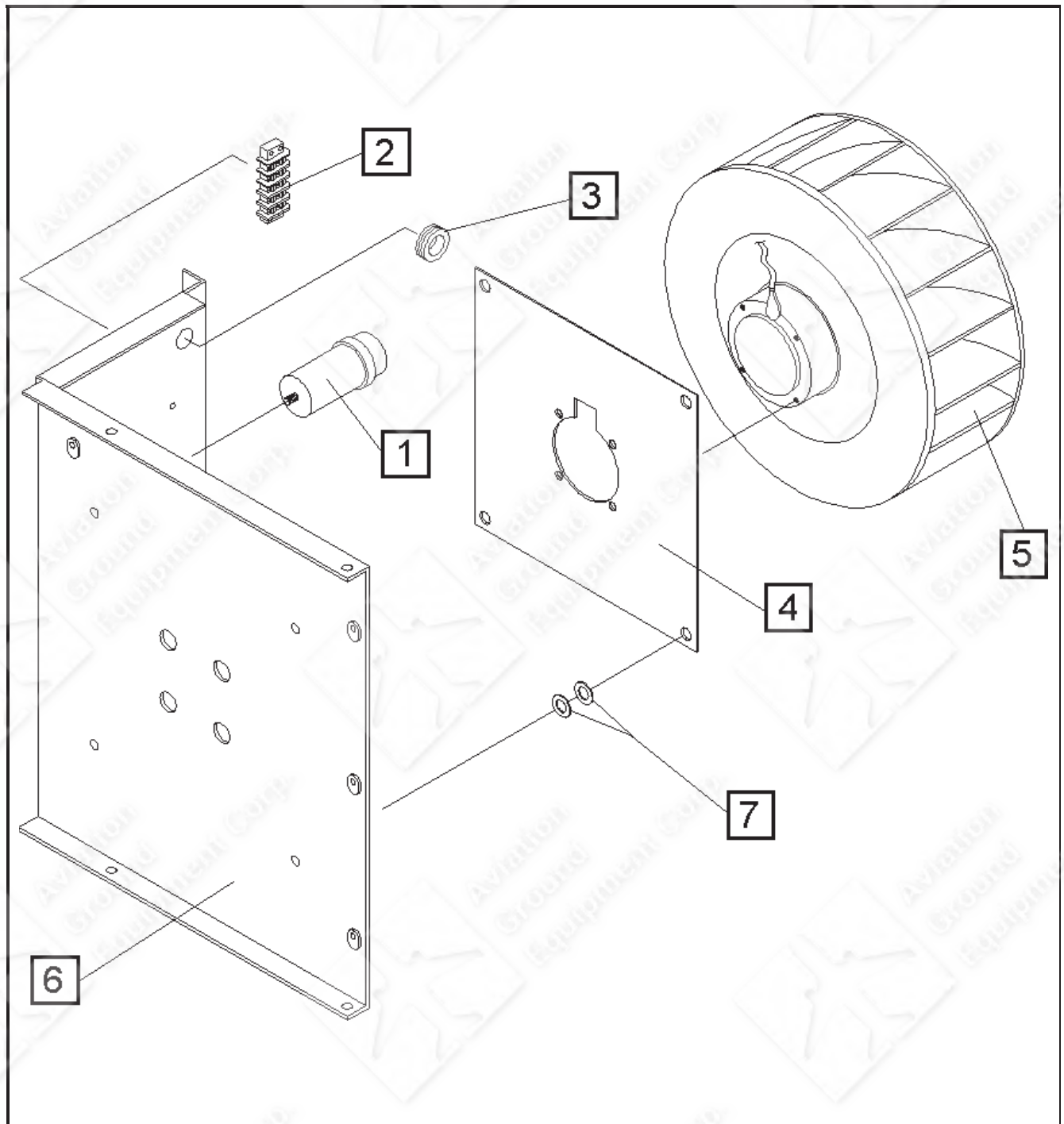


Figure 6a Fan Assembly Components

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
6a -	1	283156-003		1
	2	401911-005		1
	*	400792-001		6
	*	286486-001		2
	3	402037-006		1
	4	287846		1
	5	283155-003		1
	6	287842		1
*	7	281929-015		12
	8	287341		1

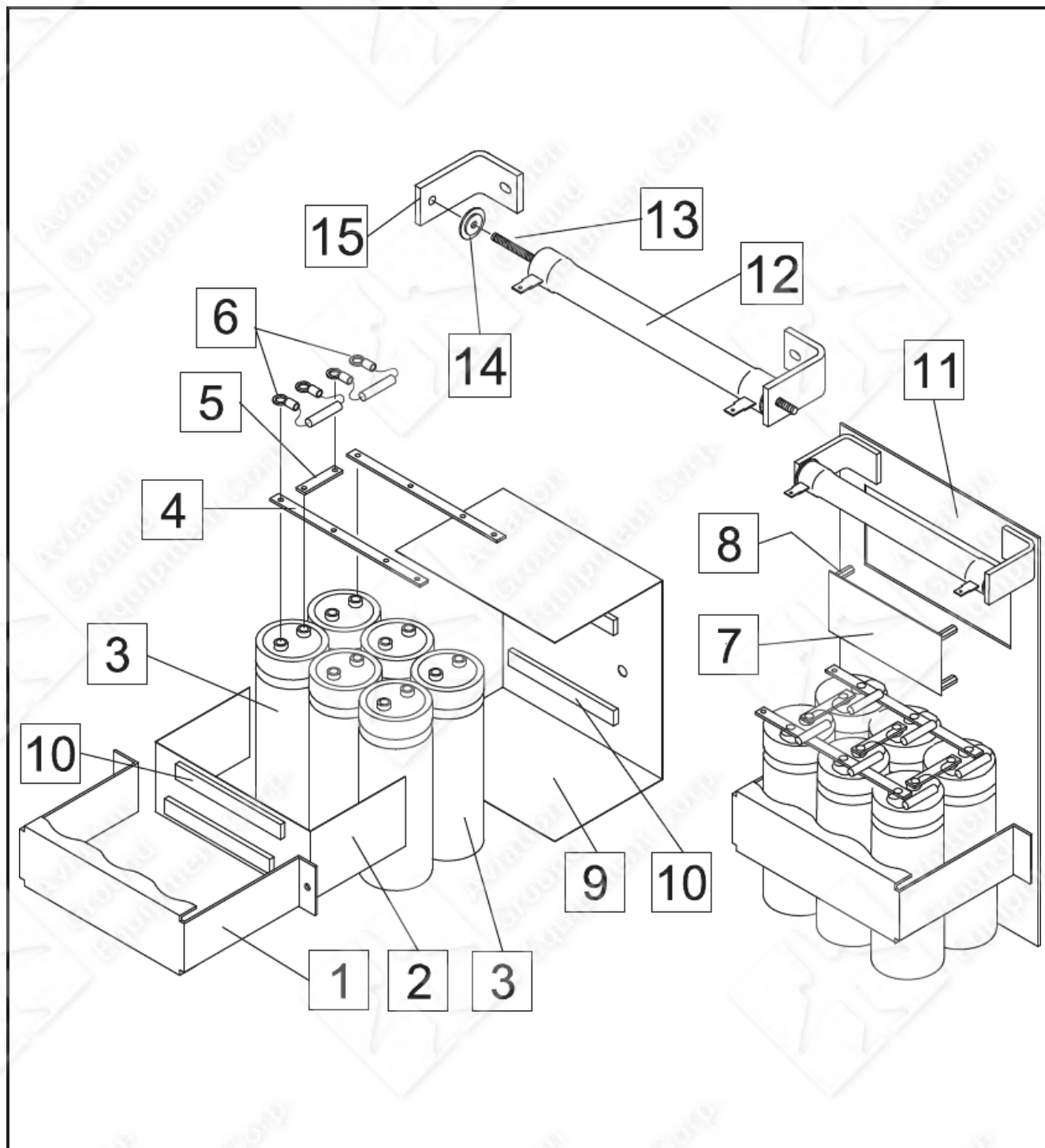


Figure 7 DC Electrolytic Capacitors Assembly

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNITS PER ASSY.
7 -	1 286428	DC Capacitor Clamp		1
	2 286440-001	Side and Front Insulator		1
	3 281848-001	DC Capacitors, 6800 uF		6
	4 286433	Long Bus Bar		2
	5 286431	Short Bus Bar		3
	6 281971-001	Resistor Assembly		6
	7 286250A	Bus Discharge PC Board Assembly		1
	8 284316-002	Metal Standoff		4
	9 286434	Bottom and Back Insulator		1
	10 056210	Neoprene Rubber Strip		3 ft.
	11 288598	DC Capacitors Bracket		1
	12 404249-003	Resistor, 225 W, 50 ohm (V44655 #L225J50R)		1
	13 283387-002	Threaded Rod		1
	14 286489-001	Centering Washer (V44655 #6003)		2
	15 286468	Resistor Bracket		2

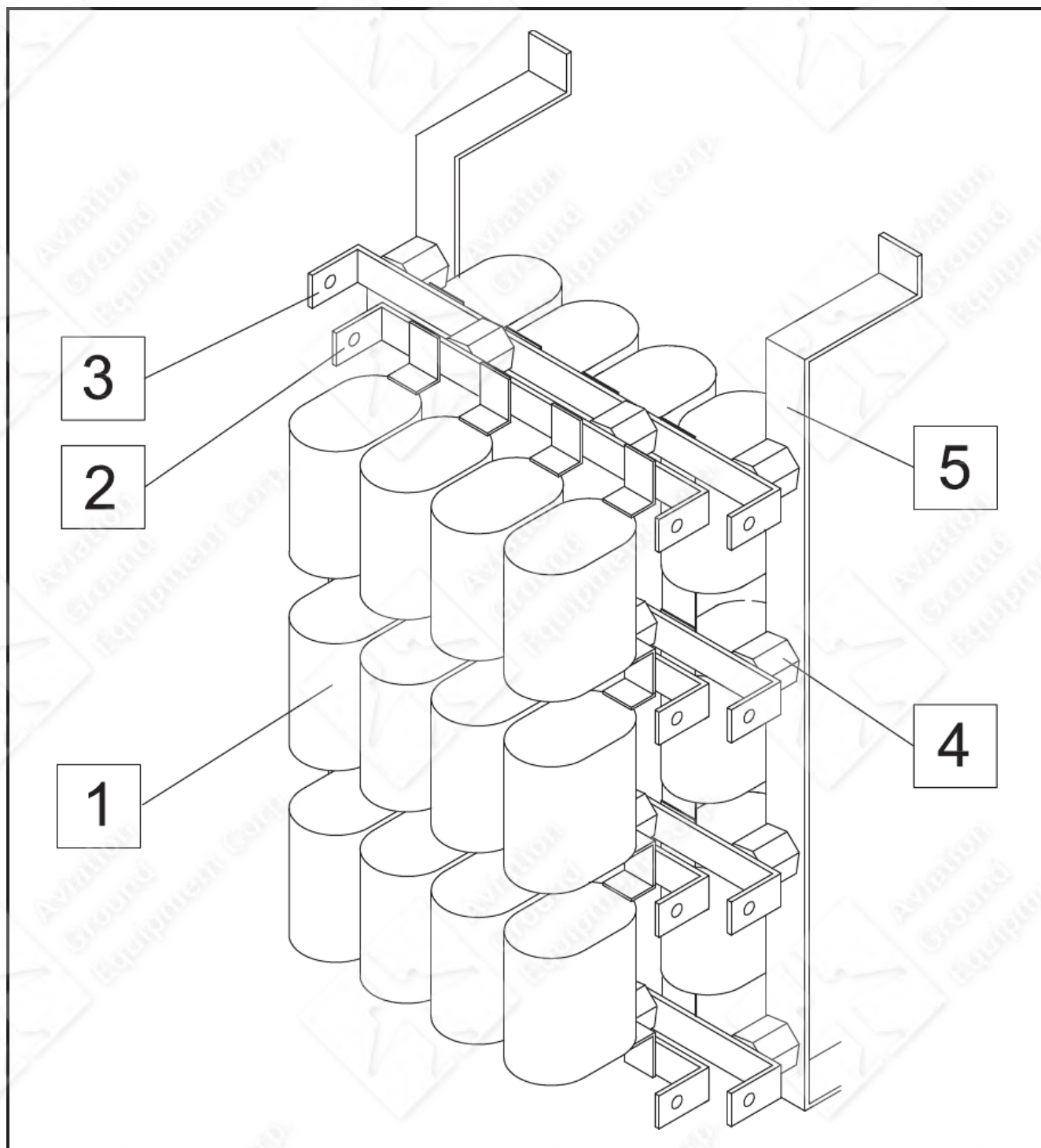


Figure 8 AC Capacitor Assembly

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNITS PER ASSY.
8 -	1	286389-002	AC Capacitor (V8T246 # HTB28)	24
	2	288600	Short AC Capacitor Bus Bar	4
	3	286266	Standoff Insulator	16
	4	288597	AC Capacitor Panel	2
	5	288599	AC Capacitor Bus Bar	4
*	6	77A1107	Label, Terminal, "A"	1
*	7	77A1108	Label, Terminal, "B"	1
*	8	77A1109	Label, Terminal, "C"	1
*	9	287867-001	Label, Terminal, "AA1"	1
*	10	287867-002	Label, Terminal, "BB1"	1
*	11	287867-003	Label, Terminal, "CC1"	1

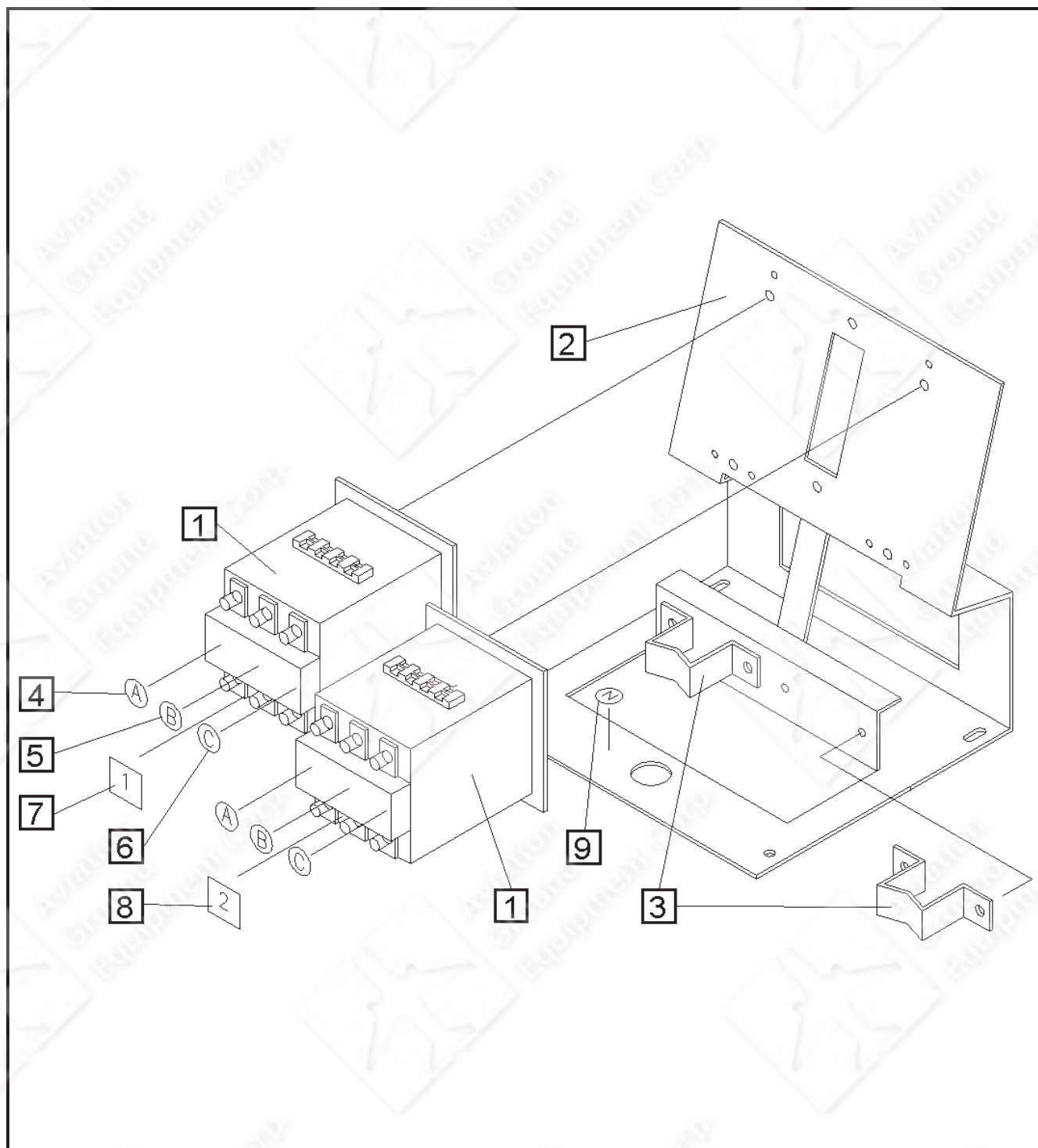


Figure 9 Contactor Panel Assembly

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNITS PER ASSY.
9 -	1 282130-001	Contactor (V01XD4 #KT350E-1)		2
	2 286450	Output Panel Assembly		1
	3 284359	Strain Relief Clamp		2
	3 284397	Strain Relief Clamp		2
	4 77A1107	Label, "A"		2
	5 77A1108	Label, "B"		2
	6 77A1109	Label, "C"		2
	7 402422-001	Label, "1"		1
	8 402422-002	Label, "2"		1
	9 78A1035	Label, "N"		1

Note: Two clamps of different sizes are included for item 3. Use the size appropriate for your AC cable.

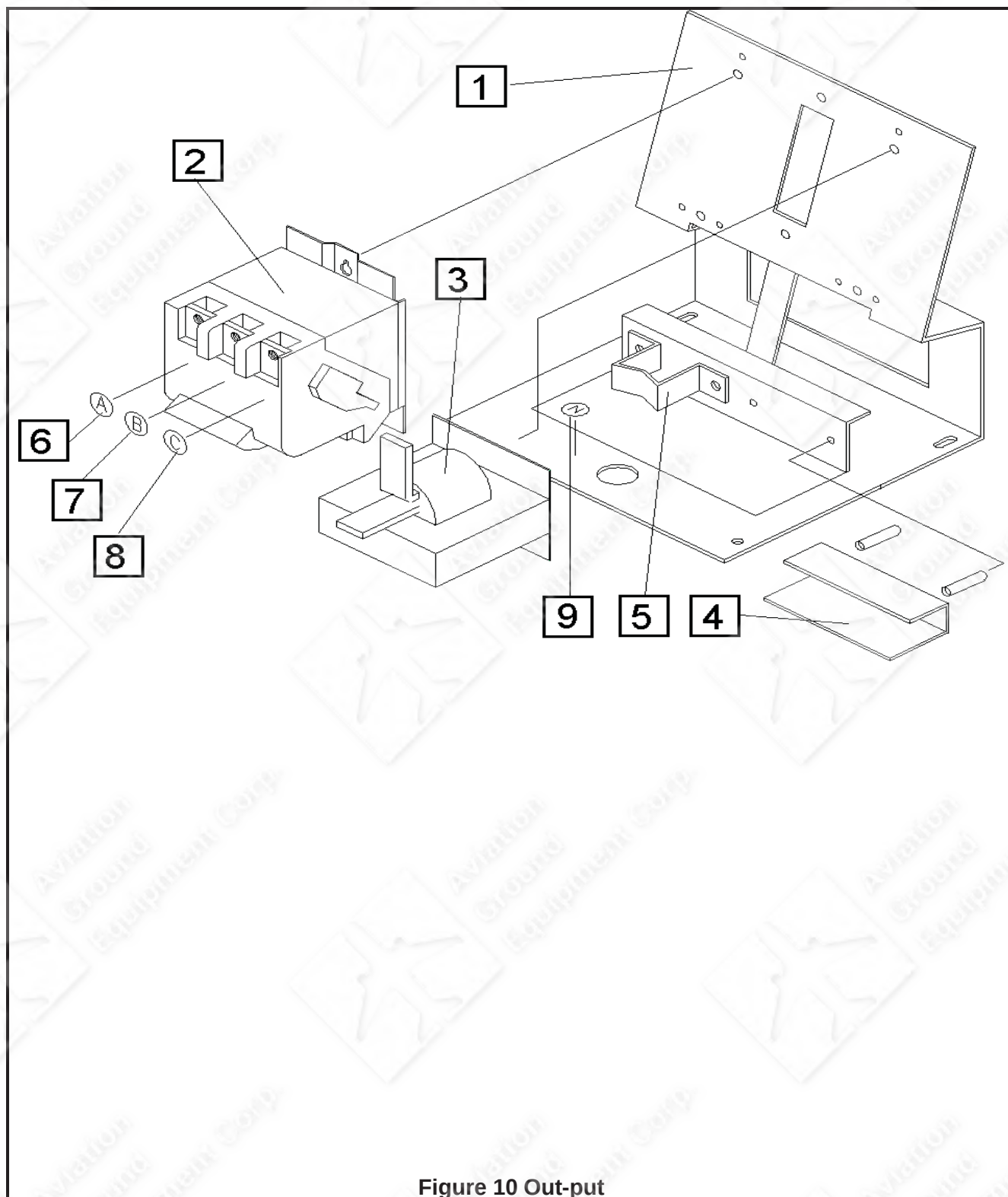


Figure 10 Out-put

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
10 -	1 286450	Output Panel Assembly		1
	2 282130-001	Contactor (V1E222 #MAIN 42IF109137R)		1
	3 288092	DC Inductor Filter		1
	4 283322	DC Cable Clamp		1
	5 284359	Strain Relief Clamp (see note below)		1
	5 284397	Strain Relief Clam (see note below)		1
	6 77A1107	Label, "A"		1
	7 77A1108	Label, "B"		1
	8 77A1109	Label, "C"		1
	9 78A1035	Label, "N"		1

Note: Two clamps of different sizes are included for item 5. Use the size appropriate for your AC cable.

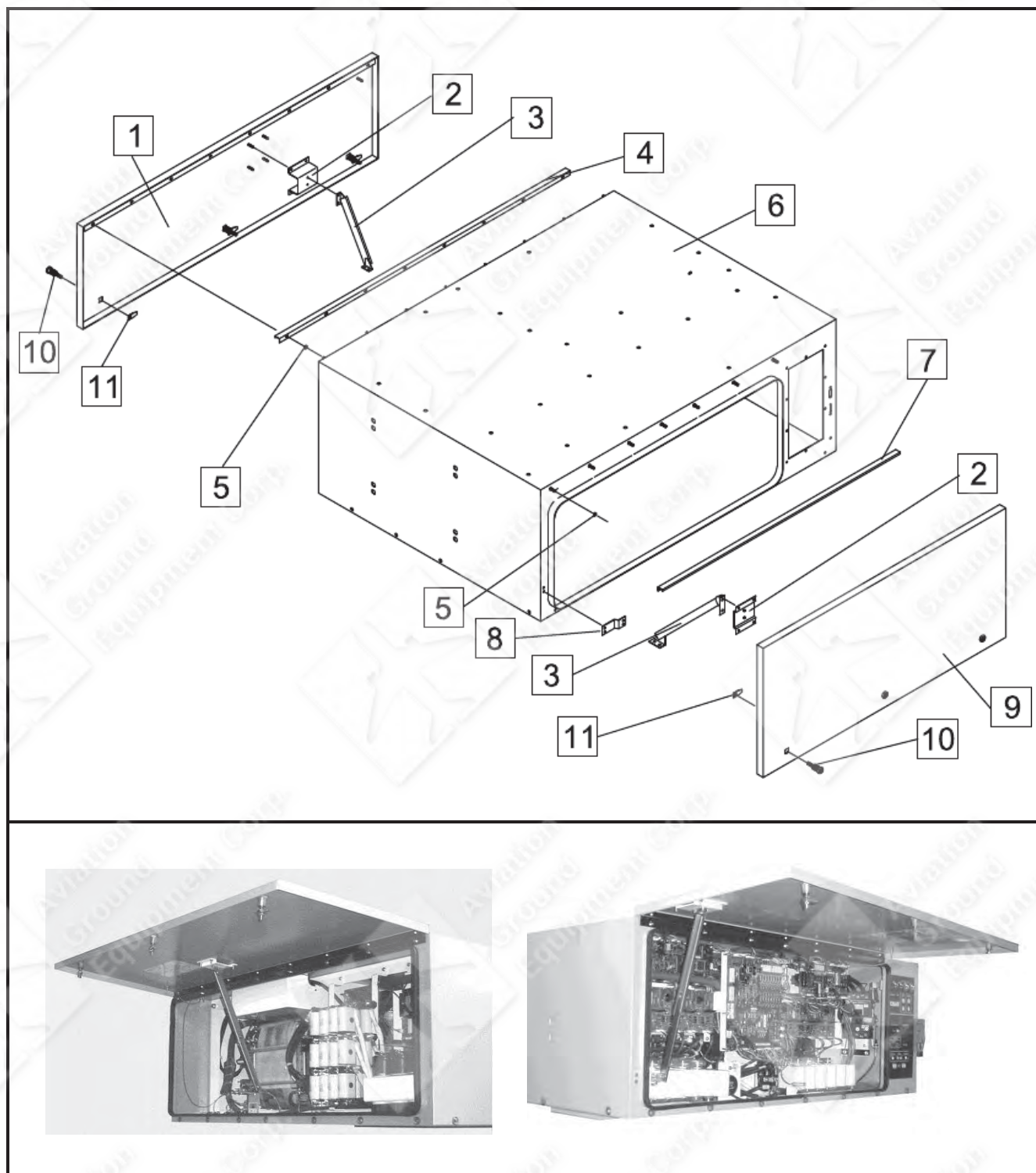


Figure 11 Canopy Components

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
11 -	1	288619		1
		286485-001		12 ft.
		288525-002		1
	2	286498		2
	3	284606-001		2
	4	286277		1
	5	286279-001		15
	6	288621		1
	7	286278		1
	8	288617		1
	9	288618		1
		286485-001		12 ft.
		288525-001		1
	10	287542-001		6
*		288225		6
	11	287546-001		6

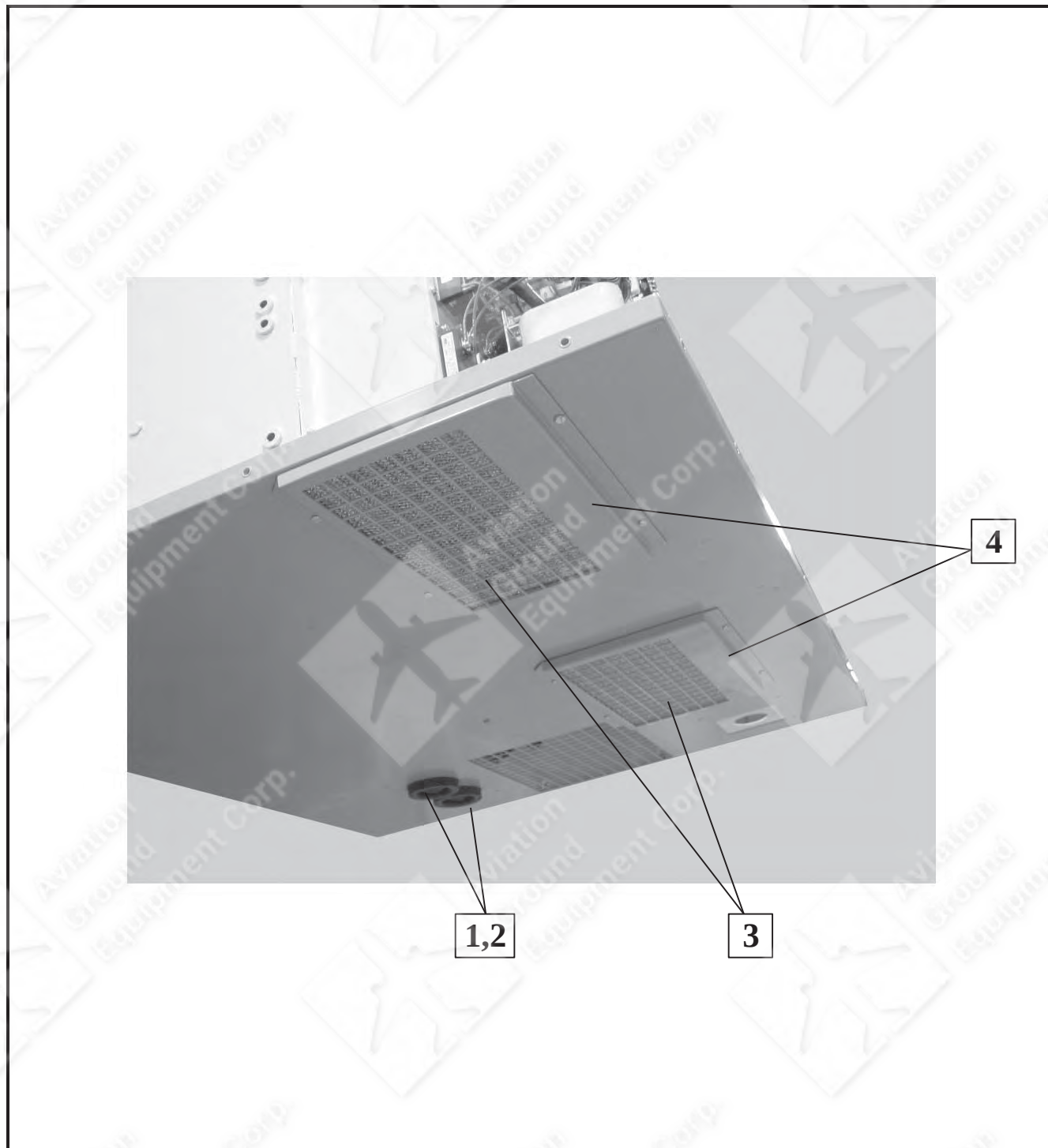


Figure 12 Bottom Exterior Components

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNITS PER ASSY.
12-	1	286469		2
	2	286478		2
	3	283159-004		2
	4	288613		2
		283168-002		8
		283171-002		8
		283172-001		8

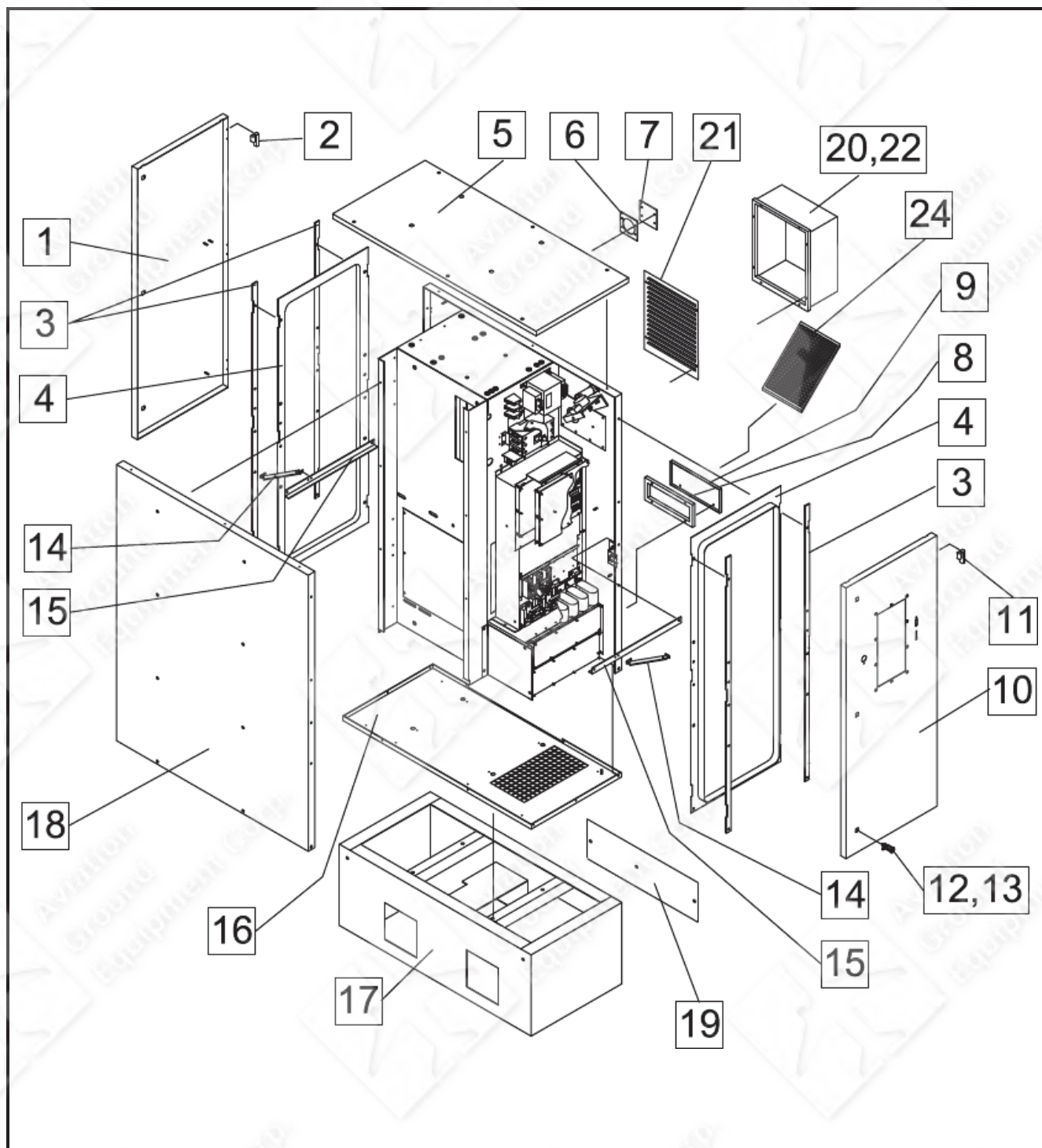


Figure 13 Canopy Components

FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	EFF	UNITS PER ASSY.
13 -	1	286561		1
		286485-001		12 ft.
		286474-013		1
	2	283824		3
	3	286582		4
	4	286564		2
		286485-003		20 ft.
	5	286559		1
	6	286584		2
	7	286479		2
	8	286583		1
	9	286567		1
		283168-003		4
		283172-001		4
	10	286560		1
		286474-014		1
		286485-001		12 ft.
	11	283597		3
	12	287542-001		6
	13	287546-001		6
		288225		6
	14	284606-001		2
	15	286601		2
	16	286565		1
	17	286578		1
	18	288243		1
	19	288239		1
	20	288218		1
	21	288216		1
	22	288220		5.3 ft.
*	23	W10088-008	A,B	1
		Box Connector, 90°	C	2
	24	283159-003		1
		Air Filter (V82866 #97129978)		