A 19174 A

X MOUNT FREQUENCY METER IN COCKPIT INSTR. PANEL

Y REMOVE VOLTMETER FROM ALTERNATOR AND MOUNT ON SWITCH PANEL

△1 ALTERNATE PART JBT 5223 P
△2
} AVAILABLE FROM ELECTRIC SWITCH CO. L.A. (213 - 664 1141

NO	DESCRIPTION	QTY	NO	DESCRIPTION	QTY
5	UNIGROUND PLUG	1			
4	15 AMP. CIRCUIT BREAKER	1			
3	ALTERNATOR SEARS 32KF32056N	1			
2	D.P.D.T. SWITCH JBT 52235 △1	1	7	12-3 WIRE SJO # 12006	
1	FREQUENCY METER JBT-FX-21 △2		6	HUBBELL TWISTLOCK # 12231	1

WESTSAIL CORP., COSTA MESA, CA.

SCALE NONE
DRAWN S.V.
DATE

TITLE 4000W ALTERNATOR WIRING DIAGRAM

A 19174 A

REVISED 6-13-74

A 19173

MATERIAL:

CARBON STEEL

NOTE:

1. FOR MB-3 & MB-2 ONLY
2. USE 2470 BELTS (2)

NO	DESCRIPTION	QTY	NO	DESCRIPTION	QTY

VESTAL CORP., COSTA MESA, CA.

SCALE 3/4" = 1'-0"
DRAWN A.P.L.
DATE 4-18-74

TITLE MOUNTING BRACKET FOR 4KW. GENERATOR

A 19173

REVISED

GREEN
SIDE LIGHTS
RED
18-2 SJO CORD
BOW LT.
MAST LT.
RED/GREEN LIGHT
SPDR. LTS.
BLK.
TERMINAL BLOCK (MOUNT ON SIDE OF SAMPSON POST)
STERN LT.
CABIN LIGHTS
BLK.
BLK.
TO GROUND
RED
RED
EXTRA WIRE COIL NEAR PANEL
SHORE PWR.
WTR. HTR.
1
2
RUNNING
BOW. PWR.
BOW SAIL
MAST LT.
INST. LTS.
CABIN LTS
ENGINE
SPDR. LTS.
RADIO
NAV. LTS.
FATHOMETER
BILGE PMP.
PRESS. WTR.
SIGNAL BLUE 16GA. GRN. 16GA.
WATER PUMP + BLUE 10 GA. - BLK. 16 GA.
BILGE PUMP + RED 16 GA. + BLUE 16 GA. - BLK. 16 GA. + RED 16 GA. - BLK. 16 GA.
LOS
WIRE SIZE
YELLOW 12 GA.
RED 16 GA.
BLUE 16 GA.
WHITE 16 GA.
BLACK 10 GA.
PURPLE 16 GA.
SEE ENG. DIAGRAM
COMPASS
SPEEDO
BLK
BLK
TO ENGINE GRD.
GROUND TERMINAL BLOCK
YELLOW
GREEN
WHITE
RED
YEL
BLUE
WHITE
WHITE
WHITE
WHITE
BLK
BLK
BLK
BLK
BLK
YELLOW
GREEN
WHITE
RED
YEL
BLUE
BLK
RADIO COAX
115 VOLT CABLE
BLK
TERMINAL BLOCK (MOUNT INSIDE HEAD CABINET)
1 BREAKER SWITCH
2 COMMON SWITCH
3 DIMMER
WESTSAIL CORP.
REVISED 8/29/73
DATE 3/6/72
12 VOLT D.C. WIRING
B 19013 E

ITEM	DESCRIPTION	QTY	PART NUMBER
1	SWITCH BREAKER 15 AMP.	1	12080
2	WIRE 16GA RED 9816	70FT	12015
3	WIRE 16GA BLACK 9816	70FT	12012
4	TERMELEC K-14 PICO 1800 (BUTT CONN.)	30	12041
	STAPLE INSULATED BZ #8	48	10381
5	LIGHT DOME 12V.	11	12243
	SCREW PANS CHROME BZ #6 x 3/4	33	10213
6	SWITCH TOGGLE SPST.	4	12091
7	SWITCH BREAKER 10 AMP	2	12081
8	SWITCH BREAKER 20 AMP	1	12079.
	TERM ELEC SPADE 16-14 ST10 PICO-1825	72	12025
	TERM ELEC SPADE 12-10 ST10 PICO-1925	15	12068
	WIRE 16GA VIOLET 9816	20FT	12009
	WIRE 12GA YELLOW 9812	20FT	12007
	WIRE 16GA GREEN 9816	20FT	12013
	WIRE 16GA WHITE 9816	20FT	12011
	WIRE 16GA RED 9816	20FT	12015

QTY	PART NUMBER	DESCRIPTION	ITEM

PARTS OR MATERIAL LIST

WESTSAIL®
275 McCormick, P.O. Box 1828
Costa Mesa, California 92626
Telephone: (714) 549-9711

ELECTRICAL SYSTEM, STD.
12 VOLT

DRAWN	DATE	MANUAL PAGE NUMBER
	9.28.76	

SIZE	DWG. NO.	REV.
A	19264	A

LTR	ENG. CHANGE NO.	DATE
REVISIONS		

NEXT ASSY	USED ON
	W32

APPLICATION

SCALE NONE

SHEET 2 OF 3

ITEM	DESCRIPTION	QTY	PART NUMBER
	WIRE 16 GA YELLOW	20FT	12016
	WIRE 16 GA BLUE 9816	20FT	12014
	WIRE 10GA BLACK 9810	20FT	12003
9	WIRE 18-2 BLACK STO	45FT	12017
	STRAP CABLE 4" (TV-TYPE)	50	12149
	SCREW PHSMS SS #10x3/4"	50	10291
10	TERMINAL BARR 4-141	3	12128
11	TERMINAL BUSS BAR COPPER	12"	12022
12	TERMINAL BARR 8-141	1	12030
	SCREW PHSMS SS #8x3/4"	16	10285

QTY	PART NUMBER	DESCRIPTION	ITEM

PARTS OR MATERIAL LIST

WESTSAIL®
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Telephone: (714) 549-9711

ELECTRICAL SYSTEM, STD
12 VOLT

DRAWN	DATE	MANUAL PAGE NUMBER
9.	28-76	

APPLICATION

NEXT ASSY	USED ON
	W32

SIZE	DWG. NO.	REV
A	19264	A

SCALE NONE

SHEET 3 OF 3

LTR	ENG. CHANGE NO.	DATE
REVISIONS		

NOTES: UNLESS OTHERWISE SPECIFIED
1. DO NOT SCALE THIS DRAWING.
2. ALL DIMENSIONS ARE IN INCHES
STERN LT.
WHITE
BLACK
YELLOW 12G
WHITE 16G
PURPLE 16G
BLUE 16 GA
BLACK 10G
GREEN 12G
RED 16 GA
YELLOW 12G
PURPLE 16G
BLACK 10G
4 TYP
5 TYP
BLACK 16 GA
CABIN LTS
RED 16 G
RED 16 G
BLACK 16G
YELLOW 12 G
RED 16 GA
BLUE 16 G
WHITE 16 G
YELLOW 12 G
GREEN 12 G
BLACK 10 G
SPARE
SPARE
ALL WIRES & LIGHTS LEADING TO MAST FROM THIS LOCATION COMES WITH THE MAST
SHORE PWR (SEE 110V DIAGRAM)
CABIN LTS.
ENGINE
SPDR. LTS.
NAV. LTS
RUNNING
BOW PWR
BOW SAIL
MAST LT.
WHITE
SPARES
SEE ENGINE VIEW FOR PANEL AND HARDWARE DETAIL.
SEE ENGINE WIRING FOR BLOCK & HARDWARE
GROUND TERMINAL BLOCK
BLACK
TO BATTERY
MAST LT. (AFT)
BOW PWR. (FWD)
WHITE 16G
WHITE 16G
WHITE 16G
BLACK 10G
BLACK 10G
BLACK 10G
BLACK 10G
WHITE 16G
RED
BOW SAIL LTS.
GREEN
SPDR LTS
PORT (RED)
BOW LTS
STBD (GRN)
MAST LTS.
REVISIONS
LTR
DESCRIPTION
DATE
A #425
P #434
ENG. CHANGE NO.
11-7-74
4-27-76
WESTSAIL
275 McCormick, P.O. Box 1828
Costa Mesa, California 92626
Telephone: (714) 549-9711
APPLICATION
NEXT ASSY
USED ON
K-22
QTY
PART NUMBER
DESCRIPTION
PARTS OR MATERIAL LIST
ELECTRICAL SYSTEM, 12 VOLT
DRAWN
DATE
9-28-76
MANUAL PAGE NUMBER
SCALE
NONE
SIZE
C
DWG NO
19264
SHEET 1 OF 3
SHEETS 2 & 3 ARE 'A'

B 19013-E

GREEN
SIDE LIGHTS
RED
18-2 SJO CORD
CABIN LIGHTS
BLK.
BLK.
TO GROUND
RED
RED
SHORE PWR.
20 AMP
WTR. HTR.
20 AMP
1.
2.
RUNNING
BOW. PWR.
BOW SAIL
MAST LT.
INST. LTS.
CABIN LTS
ENGINE
SPDR. LTS.
RADIO
NAV. LTS.
FATHOMETER
BILGE PMP.
PRESS. WTR.
WATER PUMP + BLUE 10 GA. SIGNAL BLUE 16GA
- BLK. 16 GA. SRN. 16GA
BILGE PUMP + RED 16 GA.
+ BLUE 16 GA.
- BLK. 16 GA.
LOG + RED 16 GA.
- BLK. 16 GA.
EXTRA WIRE COIL NEAR PANEL
BOW LT.
MAST LT.
TERMINAL BLOCK (MOUNT ON SIDE OF SAMPSON POST)
STERN LT.
RED GREEN LIGHT
SPDR. LTS.
BLK.
PURPLE
YELLOW
GREEN
WHITE
RED
YEL.
BLUE
WHITE
WHITE
WHITE
WHITE
BLK
BLK
BLK
BLK
BLK
YELLOW
GREEN
WHITE
RED
YEL.
BLUE
BLK.
RADIO COAX
115 VOLT CABLE
BLK
TERMINAL BLOCK (MOUNT INSIDE HEAD CABINET)
1 BREAKER SWITCH
2 COMMON SWITCH
3 DIMMER
WIRE SIZE
YELLOW 12 GA.
RED 16 GA.
BLUE 16 GA.
WHITE 16 GA.
BLACK 10 GA.
PURPLE 16 GA.
SEE ENG. DIAGRAM
COMPASS
SPEEDO
BLK
BLK
TO ENGINE GRD.
GROUND TERMINAL BLOCK
WESTSAIL CORP.
REVISED 8/29/73
DATE 3/6/72
12 VOLT D.C. WIRING
B 19013 E

II-A

A

ITEM	PAGE 2 OF 2 - DESCRIPTION	QTY	PART NUMBER
	110 VOLT ELECTRICAL SYSTEM		
1	RECEPTACLE WOD. 4x4	1	12111
2	FLANGE 4IN ELEC BOX RING	1	12112
3	COVER ELEC DUPLEX SIERRA S-8 SS WITH SCR	1	12110
4	LEVITON 5320-I ELEC DUPLEX RECEPTACLE WITH SCR	1	12114
5	CONN [illegible] MARINCO A101 PEI INLET	1	12231
12	SCREW PANS (STAINLESS) #8 x 3/4	4	10224
6	BUNCH BREAKER BOAT	1	12076
13	TERMINAL GRADE 12-10 STUD PICO-1925	2	12068
7	RECEPTACLE BOX ELEC DUPLEX 2x4	6	12115
3	COVER ELEC RECEPT BOX S-8 SS	6	12110
4	LEVITON 5320-I ELEC DUPLEX RECEPTACLE	6	12114
13	TERM ELEC GRADE 12-10 STUD PICO 1925	56	12068
8	TRAY CABLE 6 TY-535-M	75	12146
14	SCREW PHSMS SS #10 x 3/4	75	10291
9	WIRE 12-3	55FT	12006
10	PIPE PVC 1-1/2 ID x 20 FT SCH 40	11'3"	11144
11	CORD POWER CHOPE 30AMP (50FT LONG)	1	12255
15	TERM, ELECT. BUTT CONNECTOR 16-14 PICO 1800	15	12041

QTY	PART NUMBER	DESCRIPTION	ITEM

PARTS OR MATERIAL LIST

LTR	ENG. CHANGE NO.	DATE
REVISIONS		

WESTSAIL®
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Costa Mesa, California 92626
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ELECTRICAL SYSTEM, STD
110 VOLT

DRAWN	DATE	MANUAL PAGE NUMBER
	9.28.76	

APPLICATION	
NEXT ASSY	USED ON
	W32

SIZE	DWG. NO.	REV.
A	19263	A

SCALE NONE

SHEET 2 OF 2

NOTE - INSULATE 115V CIRCUIT BREAKER TERMINALS

NO	DESCRIPTION	QTY	NO	DESCRIPTION	QTY
5	SIERRA S-8 COVERS #12113	8			
4	LEVITON DUPLEX RECEPT #12114	8			
3	BOWERS NO. 282E #12112	7			
2	BOWERS NO 182 #12111	1			
1	BOWERS NO. 292 #12110	1	6	12/3 S.O. WIRE #12006	60

WESTSAIL CORP., COSTA MESA, CA.	SCALE	TITLE 110VOLT ELECTRICAL SYSTEM	A	1/9/76 B
	DRAWN LEN		REVISED	
	DATE 8/20/73			

NOTES: UNLESS OTHERWISE SPECIFIED
1. DO NOT SCALE THIS DRAWING.
2. ALL DIMENSIONS ARE IN INCHES.

BLACK – HOT TO BRASS COLOR
WHITE – NEUTRAL TO SILVER COLOR
GREEN – GROUND TO GREEN COLOR

LTR	DESCRIPTION	DATE	APPROVED
A	ENGL CHANGE NO. #625	11-11-76	
F	#584	4-27-76	

REVISIONS

WESTSAIL®
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Costa Mesa, California 92626
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QTY	PART NUMBER	DESCRIPTION	ITEM
		PARTS OR MATERIAL LIST	

APPLICATION: ELECTRICAL SYSTEM, STD, 110 VOLT

NEXT ASSY: W32
USED ON:
SCALE: NONE
DRAWN:
DATE: 9-28-72
MANUAL PAGE NUMBER:
SIZE: C
DWG. NO.: 19263
REV.: A
SHEET 1 OF 2

SHEET 2 IS AN "A" SIZE

BISHOP GRAPHICS/ACCUPRESS REORDER NO. A-9867

NO	DESCRIPTION	QTY	NO	DESCRIPTION	QTY
5	SIERRA S-8 COVERS #12113	8			
4	LEVITON DUPLEX RECEPT #12114	8			
3	BOWERS NO. 283E #12112	7			
2	BOWERS NO 182 #12111	1			
1	BOWERS NO. 282 #12110	1	6	12/3 S.O. WIRE #12006	60

WESTSAIL CORP., COSTA MESA, CA.

SCALE

DRAWN LEN

DATE 8/20/73

TITLE 110VOLT ELECTRICAL SYSTEM

A 19176 B

REVISED

8-C-3

A

19175

LOCATION OF OUTLETS FOR 110V WIRING

NO	DESCRIPTION	QTY	NO	DESCRIPTION	QTY

WESTSAIL CORP., COSTA MESA, CA.	SCALE	TITLE LOCATION OF OUTLETS FOR 110 VOLT WIRING	A	19175
	DRAWN CR		REVISED	
	DATE 4-6-73			

SHT 2 OF 2

A
19175

LOCATION OF OUTLETS FOR 110V WIRING

NO	DESCRIPTION	QTY	NO	DESCRIPTION	QTY

WESTSAIL CORP., COSTA MESA, CA.

SCALE
DRAWN CR
DATE 1-30-73

TITLE LOCATION OF OUTLETS FOR 110V WIRING

A 19175
REVISED

SHT 1 OF 2

434 6-7-76 SW

NO	DESCRIPTION	QTY	NO	DESCRIPTION	QTY
3	BOWERS 283-E P.NR. 12111				
2	SIERRA - S8 - I P.NR. 12113				
1	LEVITON 5320-I P.NR. 12114				

WESTSAIL CORP., COSTA MESA, CA.

SCALE FULL
DRAWN [illegible]
DATE 10/22/72

TITLE RECEPTACLE 110 V. INST.

A 12111 A

REVISED