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T.O. 8C7-4-5-14

TECHNICAL MANUAL

ILLUSTRATED PARTS BREAKDOWN

AN3534-1 INVERTER

PART NOS. SE-2-1, SE-2-1A, SE-2-2 AND SE-2-2A

(LELAND)

PUBLISHED UNDER AUTHORITY OF THE SECRETARY OF THE AIR FORCE

AFTO 5A OCT 55, 999

25 MARCH 1956

CHANGED 15 JULY 1960

(1) CODE "KFD" is applied to items which are components of both an F-Kit and a D-Kit. Also stocked separately in the appropriate class if followed by the letter "P".

VENDORS' CODE

CODE	VENDOR'S NAME AND ADDRESS
BLC	BARRY CORP. Cambridge, Mass.
EN	ELASTIC STOP NUT CORP. OF AMERICA Union, New Jersey
JNS	JONES, HOWARD B., DIV. CINCH MFG. CORP. Chicago, Ill.
LR	LEACH RELAY CO. Los Angeles, Calif.
PTN	PATTON MAC GUYER CO. Providence, R.I.
SH	SHAKEPROOF INC., DIV. OF ILLINOIS TOOL WORKS Chicago, Ill.
SLEA	SYLVANIA ELECTRIC PRODUCTS, RADIO TUBE DIVISION Emporium, Pa.
SPR	SPRAGUE ELECTRIC COMPANY N. Adams, Mass.

HOW TO FIND THE PART NUMBER IF THE PART USED IS KNOWN:

(1) Turn to the Table of Contents and find the page number for the Major Assembly or System in which the part is used.

(2) Turn to the page determined in step (1).

(3) Locate the part and its index number on the illustration.

(4) Find the index number on the Group Assembly Parts List page to determine complete description.

HOW TO FIND THE ILLUSTRATION FOR A PART IF THE PART NUMBER IS KNOWN:

(5) Refer to Section III, the Numerical Index, and find the part number.

(6) Turn to Section II and find the first figure and index number indicated in the Numerical Index for that part. If this figure shows the part in a section of the inverter other than the one desired, refer to the other figure numbers listed in the Numerical Index.

(7) On the face of the illustration, find the index number determined in step (6).

NOTE: - Important. This publication reflects the use of repair kits intended to provide the user with most replacement parts usable at major overhaul, and at minor repair. Certain replacement parts are stocked only in kits. Those procurable parts not in kits are stocked in their appropriate class. Standard parts, and parts having multi-application, are stocked in their appropriate class, and may also be stocked in Kits. Do not order kit parts from separate stock to serve the purpose of a kit. Refer to Source Code Definitions (Introduction) and to Source Code Column (Numerical Index of Part Numbers.).

SECTION II
GROUP ASSEMBLY PARTS LIST

Figure & Index No.	Part Number	Description 1 2 3 4 5 6	Units Per Assy	Usable On Code
1-	SE-2-1	INVERTER ASSY, 750 va, 3 ph, 400 cycle	1	A
1-	SE-2-1A	INVERTER ASSY, 750 va, 3 ph, 400 cycle	1	A
1-	SE-2-2	INVERTER ASSY, 750 va, 3 ph, 400 cycle	1	BC
1-	SE-2-2A	INVERTER ASSY, 750 va, 3 ph, 400 cycle	1	BC
1-	SC-3243	. LID ASSY	1	
-1	C-3221	. . LID, Control box	1	
-2	98-C8-2-16	. . STUD (LEL P/N A-6581) (SH)	4	
-3	98-2-CP	. . PIN, Cross (LEL P/N A-6671) (SH)	4	
1-	SA-7662	. COVER ASSY, Terminal block	1	
-4	AN5207-2	. . COVER, Terminal block (LEL P/N A-7658)	1	
-5	AN235-6	. . SCREW	2	
-6	AN935-6	. . WASHER, Lock	2	
-7	A-6582	. . WASHER, Retaining	2	
-8	6575-0.8AE	. MOUNTING, Shock (LEL P/N A-7529-1) (BLC)	2	
		(ATTACHING PARTS)		
-9	A-7471-5	. SCREW	4	
		---*---		
-10	AN935-6	. WASHER, Lock	4	
-11	A-7670	. STUD	2	
-12	AN936B10	. WASHER, Lock	2	
-13	A-7719	. CLAMP, Lead	2	
-14	SD-142	. CONTROL, Voltage and frequency (See figure 2)	1	
		(ATTACHING PARTS)		
-15	A-7472-18	. SCREW	1	BC
-15	A-7472-5	. SCREW	1	C
-16	A-6693	. WASHER, Snubbing	1	AB
-16	AN960-8	. WASHER	1	C
-17	AN936A8	. WASHER, Lock	1	AB
		---*---		
-18	AN341-19	. NUT	1	
-19	AN935B10	. WASHER, Lock	1	
-20	A-7650	. STUD, Ground	1	
-21	AN935-10L	. WASHER, Lock	1	
-22	AN960-10L	. WASHER	1	
-23	SD-130	. BASE ASSY, Control box (See figure 5)	1	
		(ATTACHING PARTS)		
-24	AN520-10-8	. SCREW	2	
-25	AN935-10L	. WASHER, Lock	2	
-26	AN960-10L	. WASHER	2	
-27	A-7471-5	. SCREW	1	
-28	AN960-8L	. WASHER	1	
		---*---		
-29	*No Number	. MOTOR GENERATOR ASSY (for SE-2-1 and SE-2-1A) (See figure 6)	NP	A
-29	*No Number	. MOTOR GENERATOR ASSY (for SE-2-2 and SE-2-2A) (See figure 7)	NP	BC
	B-8359	KIT, Repair, overhaul	1	
	B-8360	KIT, Repair, control assy	1	
	B-8361	KIT, Repair, field	1	

* Not procurable.

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