

**ARMY TM 11-5865-202-30P**  
**NAVY NAVAIR 16-35ALQ136-4.2**

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**AVIATION INTERMEDIATE MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
(INCLUDING DEPOT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS)  
FOR  
COUNTERMEASURES SET AN/ALQ-136(V)1  
(NSN 5865-01-127-6880)**

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**DEPARTMENTS OF THE ARMY AND THE NAVY**

**30 MARCH 1984**

TECHNICAL MANUAL  
No. 11-5865-202-30P  
NAVAIR 16-35ALQ136-4.2

DEPARTMENT OF THE ARMY  
AND THE NAVY  
WASHINGTON, DC, 30 March 1984

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REPAIR PARTS AND SPECIAL TOOLS LIST  
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)  
FOR  
COUNTERMEASURES SET AN/ALQ-136(V)1  
(NSN 5865-01-127-6880)  
Current as of 13 January 1984**

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Communications - Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703.

For Navy, mail comments to the Commander, Naval Electronics Systems Command, ATTN: ELEX 8122, Washington, DC 20360.

In either case, a reply will be furnished direct to you.

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# SECTION I

## INTRODUCTION

### 1. Scope

This manual lists spares and repair parts, special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of aviation intermediate maintenance (AVIM) of the AN/ALQ-136(V)1. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

### 2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. *Section II. Repair Parts List.* A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed at end of section II.

b. *Section III. Special Tools List.* Not applicable.

c. *Section IV. National Stock Number and Part Number Index.* A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

### 3. Explanation of Columns

a. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first

and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply system.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shut-down of production facilities, would prove uneconomical to reproduce at a later time.
MF	Item to be manufactured or fabricated at the aviation intermediate maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.

#### NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 750-1.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code	Application/Explanation
O	Support item is removed, replaced, used at the organizational level.
F	Support item is removed, replaced, used at the aviation intermediate maintenance level.

D – Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

*Code Application/Explanation*

O – The lowest maintenance level capable of complete repair of the support item is the aviation unit maintenance level.

D – The lowest maintenance level capable of complete repair of the support item is the depot level.

Z – Nonreparable. No repair is authorized.

(3) Recoverability code. Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

*Recoverability codes*

*Definition*

Z – Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.

O – Repairable item. When uneconomically repairable, condemn and dispose at aviation unit maintenance level.

D – Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

A – Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. *National Stock Number*. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. *Part Number*. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and

characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

#### NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. *Federal Supply Code for Manufacturer (FSCM)*. The FSCM is a 5 digit numeric code listed in SB 703-41/42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. *Description*. Indicates the Federal item name and, if required, a minimum description to identify the item. When the part to be used differs between serial numbers of the same model, the effective serial numbers are shown as the last line of the description.

g. *Unit of Measure (U/M)*. Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. *Quantity Incorporated in Unit*. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A “V” appearing in this column in lieu of a quantity indicates that no specific quantity is applicable, (e.g., shims, spacers, etc).

#### 4. Special Information

a. Detailed manufacturing instructions for items source coded to be manufactured or fabricated are found in TM 11-5865-202-30. Bulk materials required to manufacture items are listed in the Bulk Material Group of this manual.

b. The following publications pertain to the AN/ALQ-136(V)1 and its components:

TM 11-5865-200-12, Countermeasures Set AN/ALQ-144(V)1 and AN/ALQ-144(V)3.

TM 11-5865-200-20P, Countermeasures Set AN/ALQ-144(V)1 and AN/ALQ-144(V)3.

TM 11-5865-20M4-1, Countermeasures Set AN/ALQ-144(V)1 and AN/ALQ-144(V)3.

TM 11-5865-200-34-2, Countermeasures Set AN/ALQ-144(V)1 and AN/ALQ-144(V).

TM 11-5865-200-34P, Countermeasures Set AN/AL(H14(V)1 and AN/ALQ144(V)3.

TM 11-5865-202-12, Countermeasures Set AN/ALQ-136(V)1.

TM 11 5865-202-20P, Countermeasures Set AN/ALQ-136(V)1.

TM 115865-202-30, Countermeasures Set AN/ALQ-136(V)1.

c. National stock numbers (NSN'S) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN'S are established and published, submit exception requisitions to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-MM, Fort Monmouth NJ 07703 for the part required to support your equipment.

## 5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second*. Find the illustration covering the functional group to which the item belongs.

(3) *Third*. Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth*. Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National stock number or part number is known.

(1) *First*. Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second*. After finding the figure and item number, locate the figure and item number in the repair parts list.

## 6. Abbreviations

Not applicable.

(next printed page is 4.)

## **SECTION II. REPAIR PARTS LIST**

Figure 1  
4

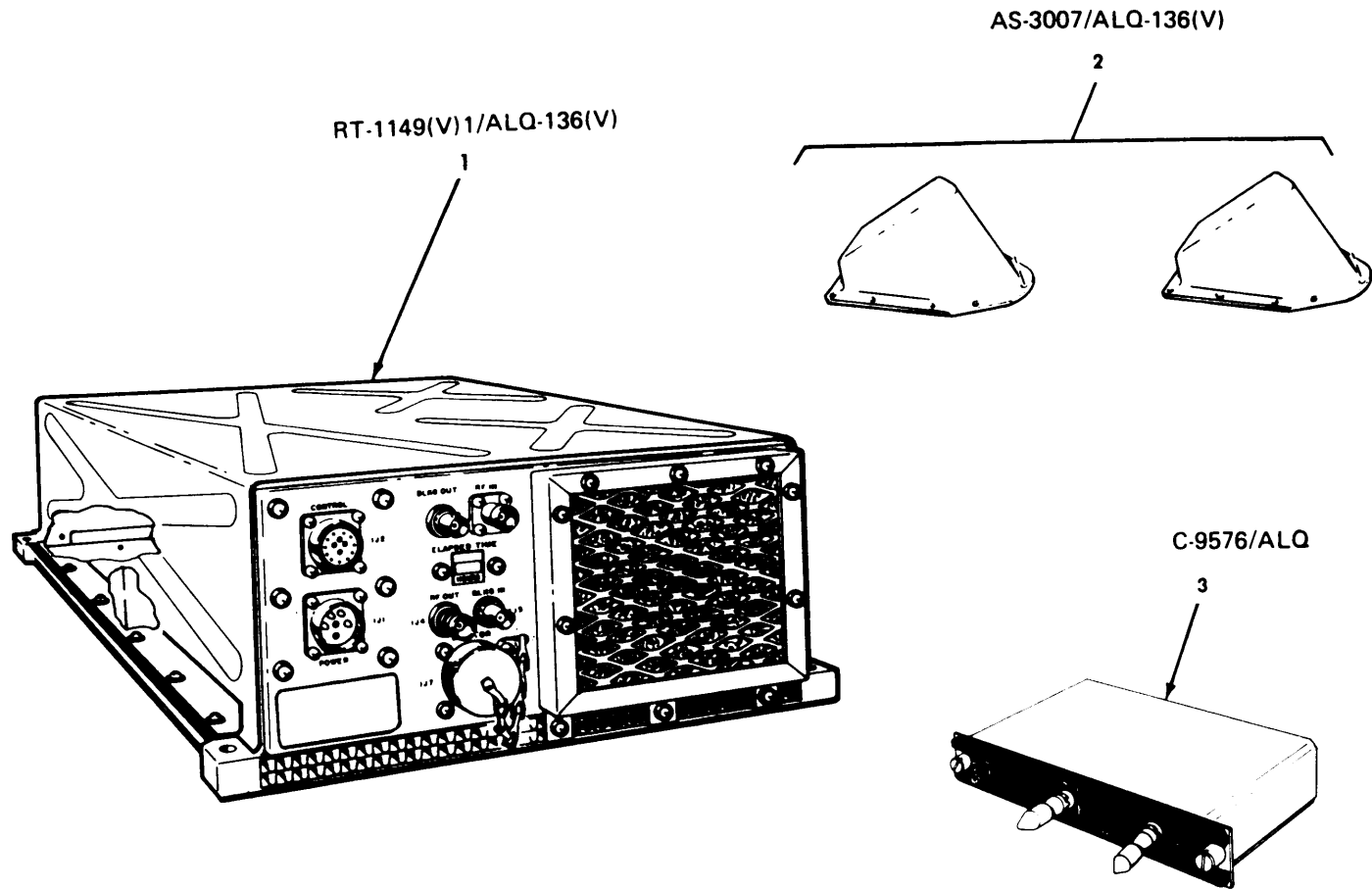
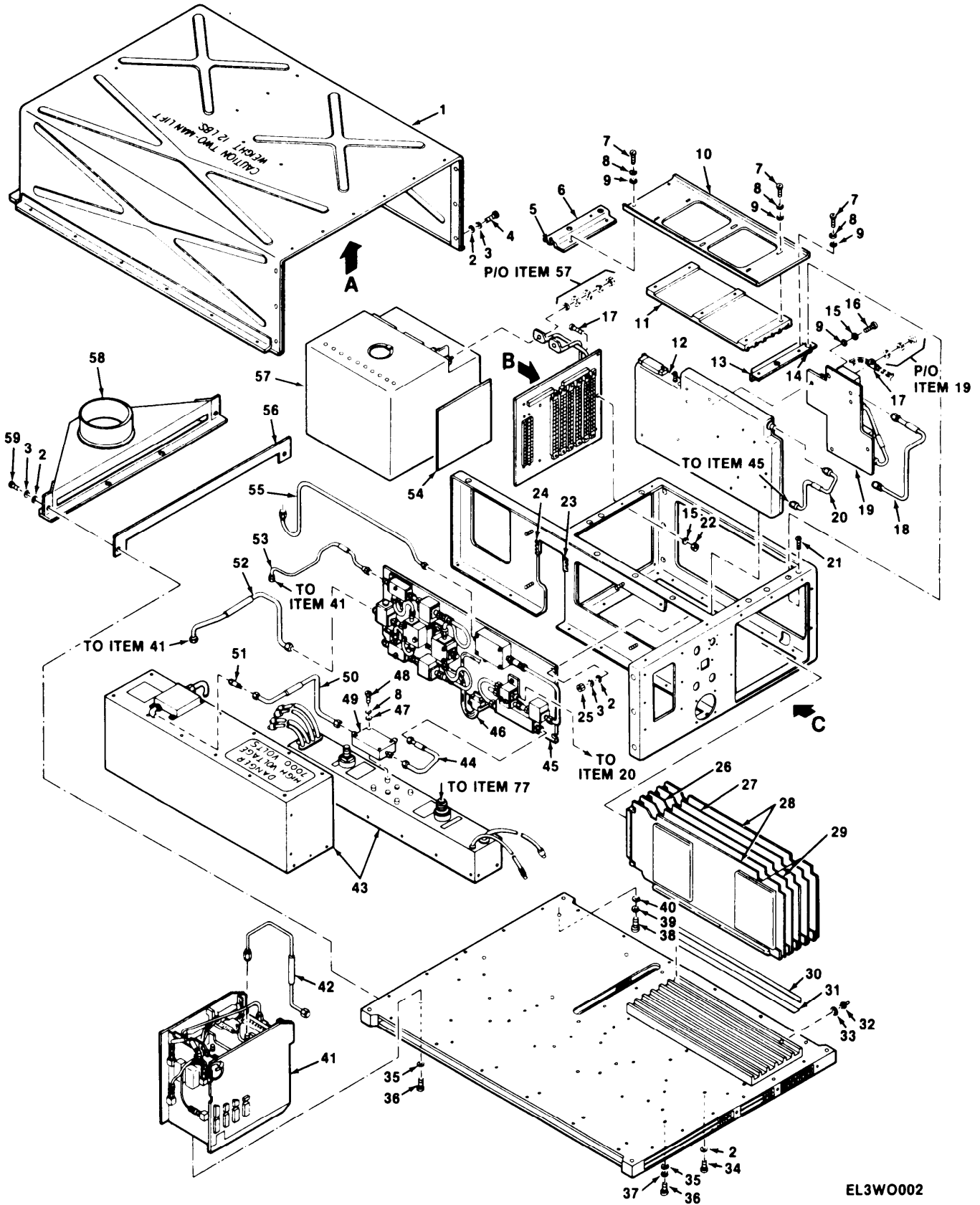


Figure 1. Countermeasures Set AN/ALQ-136(V)1

EL3WO001

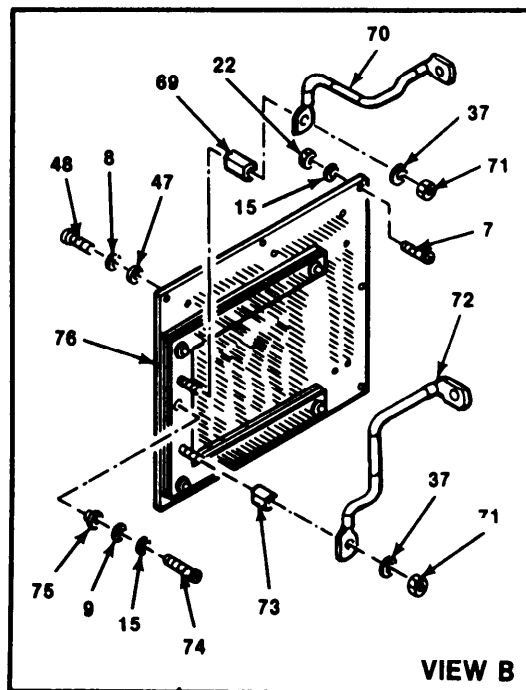
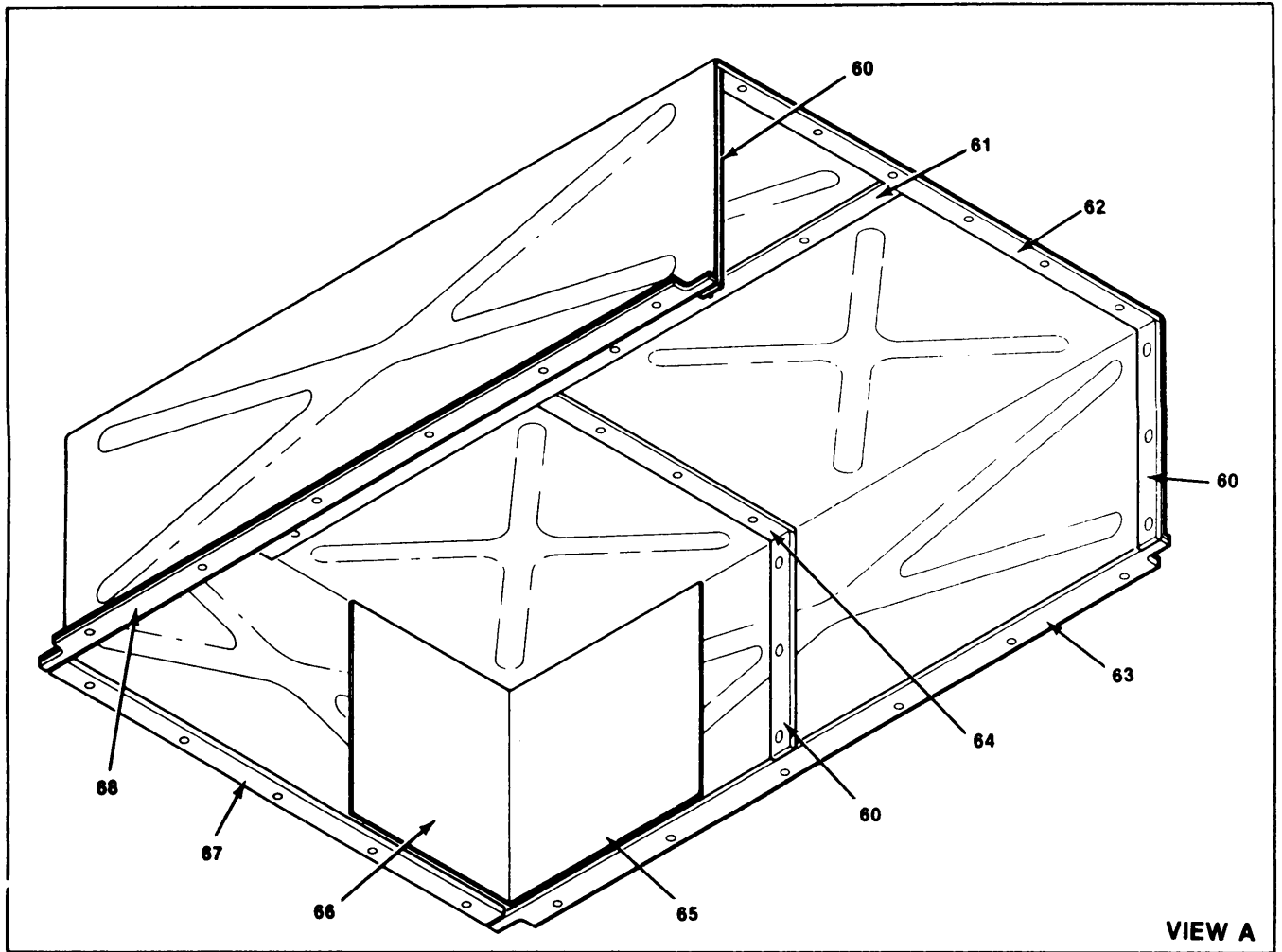
SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION					DESCRIPTION		QTY
(A)	(B)	NATIONAL					INC
FIG	ITEM	STOCK	FSCM	PART		USABLE ON CODE	IN
NO	NO	NUMBER		NUMBER		U/M	UNIT
					GROUP 00 COUNTERMEASURES SET		
					AN/ALQ-136(V)1		
1	1	PAODD 5865-01-121-8982	80058	RT-1149(V)1/ALQ-136(V)	RECEIVER-TRANSMITTE	EA	1
1	2	PAOOO 5865-01-125-0297	80058	AS-3007/ALQ-136(V)	ANTENNA	EA	2
1	3	PAODD 5865-01-100-0380	80058	C-9576/ALQ	CONTROL, COUNTERMEAS	EA	1





EL3WO002

Figure 2. Receiver-Transmitter RT-1149(V)1/ALQ-136(V) (Sheet 1 of 5).



EL3WO003

Figure 2. Receiver-Transmitter RT-1149(V)1/ALQ136(V) (Sheet 2 of 5).

8  
Figure 2

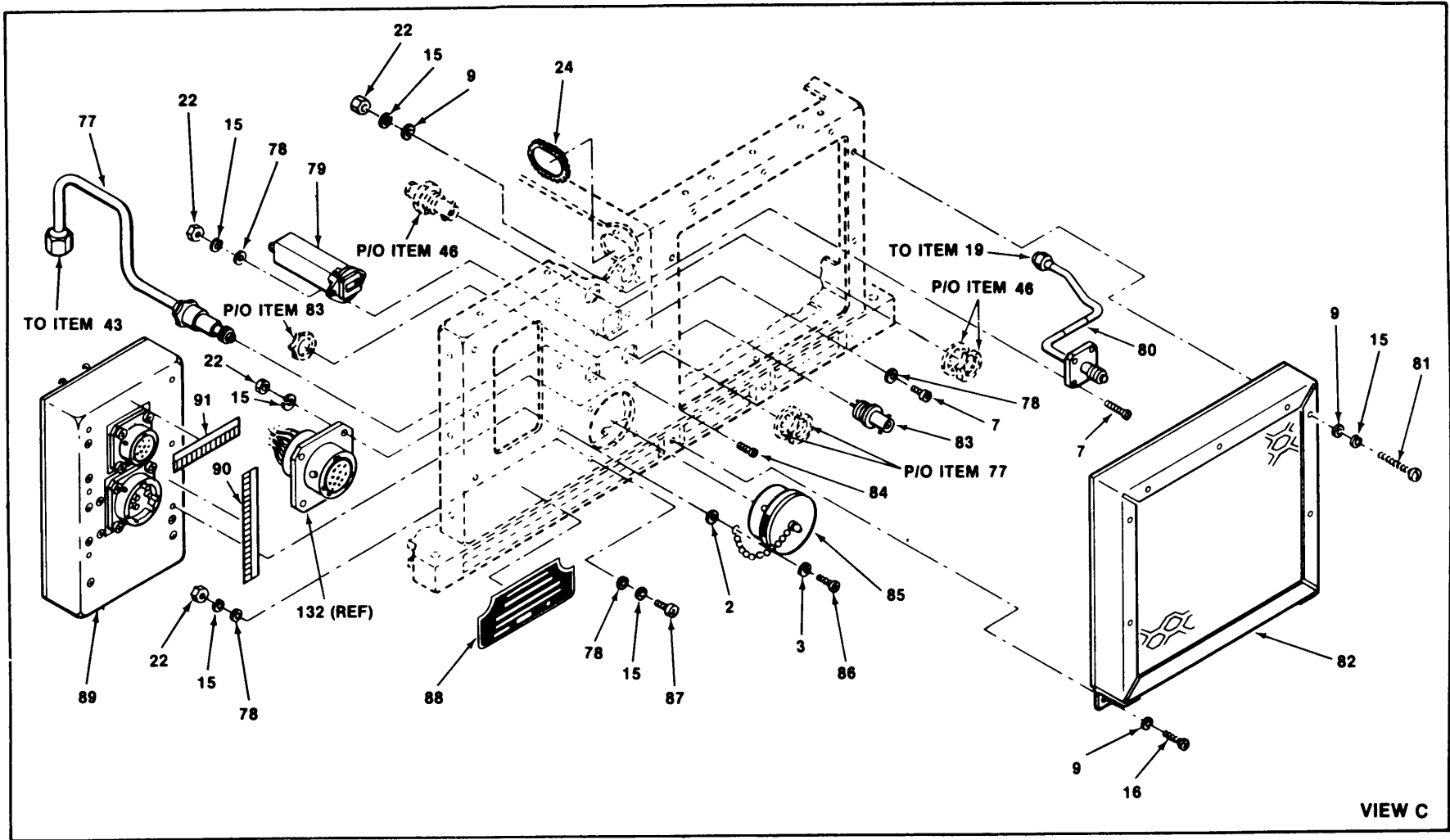


Figure 2. Receiver-Transmitter RT-1149(V)1/ALQ-136(V) (Sheet 3 of 5).

EL3W0004

TM 11-5865-202-30P/NAVAIR 16-35ALQ136-4.2

VIEW C

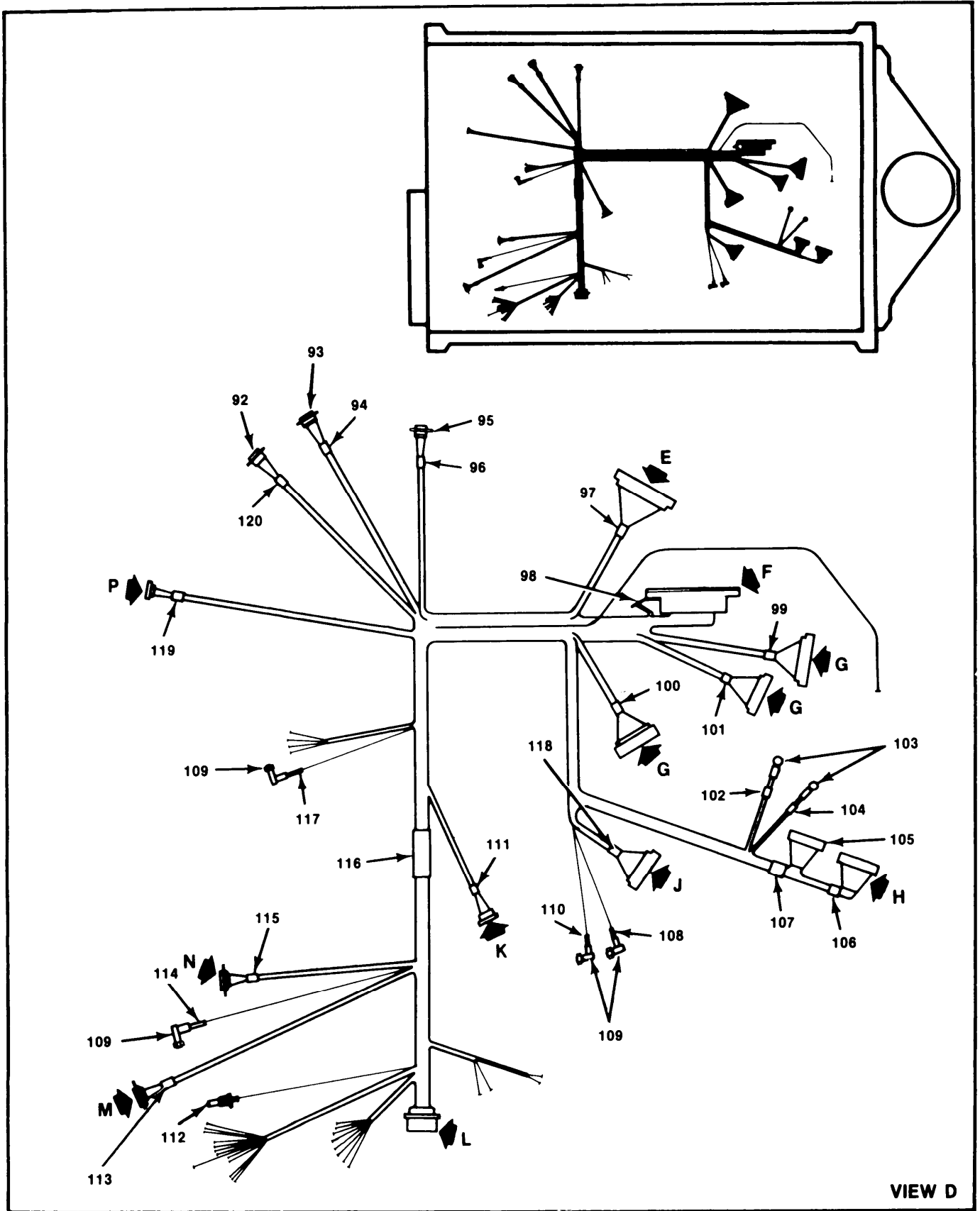


Figure 2. Receiver-Transmitter RT-1149(V)1/ALQ-136(V) (Sheet 4 of 5).

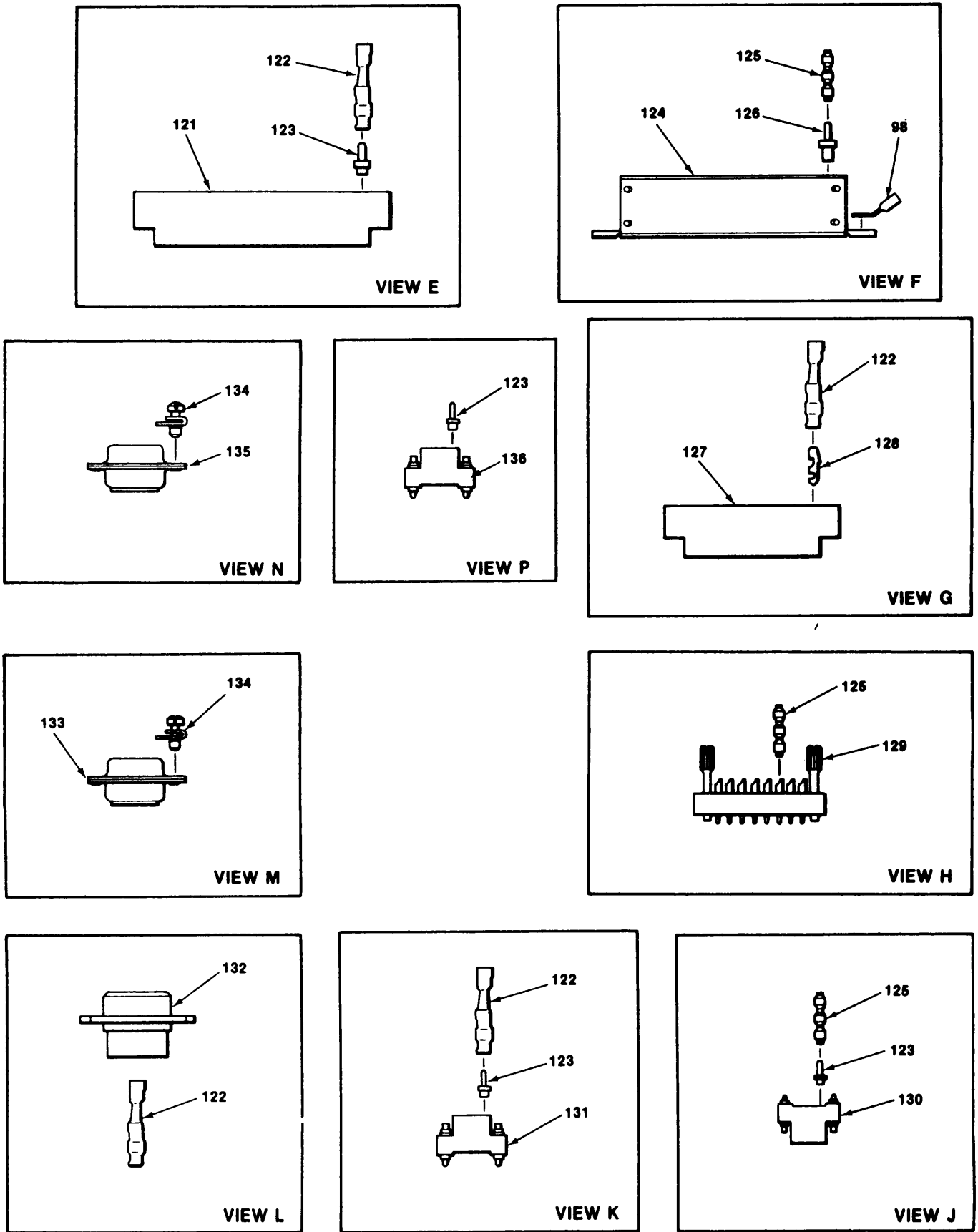


Figure 2. Receiver-Transmitter RT-1149(V)1/ALQ-136(V) (sheet 5 of 5).

EL3W0006

SECTION II (1) ILLUSTRATION (A) FIG (B) ITEM NO NO		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2 (4) FSCM	(5) PART NUMBER	(6) DESCRIPTION	(7) USABLE ON CODE U/M	(8) QTY INC IN UNIT
GROUP 01 RECEIVER-TRANSMITTER								
RT-1149(V)1/ALQ-136(V)								
2	1	XBFZZ		80063	SM-D-920167	COVER ASSEMBLY	EA	1
2	2	PAFZZ	5310-00-880-5976	96906	MS15795-806	WASHER, FLAT	EA	59
2	3	PAFZZ	5310-00-929-6395	96906	MS35338-136	WASHER, LOCK	EA	35
2	4	PAFZZ	5305-00-054-6652	96906	MS51957-28	SCREW, MACHINE	EA	43
2	5	PADZZ	5310-00-420-0551	96906	MS3214-4	NUT, PLAIN, CLINCH	EA	4
2	6	XBDZZ		80063	SM-B-920011	BRACKET, GUIDE	EA	1
2	7	PAFZZ	5305-00-054-5648	96906	MS51957-14	SCREW, MACHINE	EA	23
2	8	PAFZZ	5310-00-928-2690	96906	MS35338-134	WASHER, LOCK	EA	12
2	9	PAFZZ	5310-00-782-1349	96906	MS15795-804	WASHER, FLAT	EA	29
2	10	XBDZZ		80063	SM-C-920012	SUPPORT, PWB GUIDE	EA	1
2	11	XBDZZ		80063	SM-D-920013	GUIDE, PRINTED WB	EA	1
2	12	PAFDD	5865-01-118-7293	80063	SM-D-920201	RECEIVER ASSEMBLY 1A10	EA	1
2	13	XBDZZ		80063	SM-B-920010	BRACKET, GUIDE	EA	1
2	14	PADZZ	5310-00-420-0551	96906	MS3214-4	NUT, PLAIN, CLINCH	EA	4
2	15	PAFZZ	5310-00-933-8118	96906	MS35338-135	WASHER, LOCK	EA	39
2	16	PAFZZ	5305-00-054-5647	96906	MS51957-13	SCREW, MACHINE	EA	7
2	17	XADZZ		80063	SM-D-919899	PRINTED WIRING BD	EA	5
2	18	PAFZZ		80063	SM-B-920412	CABLE ASSY, RF	EA	1
2	19	PAFDD	5865-01-150-5291	80063	SM-C-920396	BITE ASSEMBLY, RF 1A15	EA	1
2	20	PAFZZ		80063	SM-B-920020	CABLE ASSY, RF	EA	1
2	21	PADZZ	5305-00-993-9189	96906	MS24693C2	SCREW, MACHINE	EA	4
2	22	PAFZZ	5310-00-934-9748	96906	MS35649-244	NUT, PLAIN, HEXAGON	EA	17
2	23	PADZZ	5325-00-783-4754	96906	MS21266-5N	GROMMET, NONMETALLIC	EA	1
2	24	PADZZ	5325-00-960-2410	96906	MS21266-1N	GROMMET, NONMETALLIC	EA	1
2	25	PADZZ	5310-00-934-9761	96906	MS35649-264	NUT, PLAIN, HEXAGON	EA	6
2	26	PAFDD	5999-01-118-7410	80063	SM-D-920228	CIRCUIT CARD ASSEMB MOD RECOVERY 1A3	EA	1
2	27	PAFDD	5865-01-150-5351	80063	SM-D-920386	CIRCUIT CARD ASSEMB SLO PROCESSING 1A1	EA	1
2	28	PAFDD	5999-01-118-7408	80063	SM-D-920213	CIRCUIT CARD ASSEMB SORTER 1A1	EA	2
2	29	PAFDD	5999-01-118-7411	80063	SM-D-920230	CIRCUIT CARD ASSEMB SUB CONTROL 1A4	EA	1
2	30	XBDZZ		80063	SM-B-920134-1	INSULATOR, CD GUIDE	EA	5
2	31	XBDZZ		80063	SM-B-920134-2	INSULATOR, CD GUIDE	EA	10
2	32	PAFZZ	5930-01-024-3445	81349	M24236/19-CNB	SWITCH, THERMOSTATIC	EA	1
2	33	XBFZZ		80063	SM-B-920212	SPACER, SWITCH	EA	1
2	34	PAFZZ	5305-00-054-6655	96906	MS51957-31	SCREW, MACHINE	EA	2
2	35	PAFZZ	5310-00-834-7420	80205	NAS620-8L	WASHER, FLAT	EA	24
2	36	PAFZZ	5305-00-519-6590	96906	MS51957-126	SCREW, MACHINE	EA	24
2	37	PAFZZ	5310-00-933-8119	96906	MS35338-137	WASHER, LOCK	EA	22
2	38	PAFZZ	5305-00-059-3660	96906	MS51958-64	SCREW, MACHINE	EA	4

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION		NATIONAL			DESCRIPTION		QTY	
(A)	(B)	STOCK	FSCM	PART		USABLE ON CODE	INC	
FIG	ITEM	NUMBER		NUMBER		U/M	IN	
NO	NO						UNIT	
2	39	PAFZZ 5310-00-579-1871	80205	NAS620-10	WASHER, FLAT		EA 4	
2	40	PADZZ 5310-00-933-8120	96906	MS35338-138	WASHER, LOCK		EA 4	
2	41	PAFDD 5865-01-118-7297	80063	SM-D-920207	OSCILLATOR ASSEMBLY 1A11		EA 1	
2	42	PAFZZ 5995-01-167-2275	80063	SM-C-920017	CABLE ASSY, RF		EA 1	
2	43	PAFDA 5960-01-119-1288	80063	SM-A-919681	PTWT AMPLIFIER ASSEM 1A11		EA 1	
2	44	PAFZZ 5995-01-167-2279	80063	SM-C-920026	CABLE ASSY, RF		EA 1	
2	45	PAFDD 5865-01-150-5290	80063	SM-D-920418	TRAY ASSEMBLY, RADIO 1A13		EA 1	
2	46	XBODD	80063	SM-B-920246	HARNES ASSEMBLY		EA 1	
2	47	PAFZZ 5310-00-595-6761	96906	MS15795-802	WASHER, FLAT		EA 12	
2	48	PAFZZ 5305-00-054-5643	96906	MS51957-9	SCREW, MACHINE (USED ON SERIAL NO. 820031 AND UP)		EA 12	
2	49	PAFZZ 5865-01-118-7298	80063	SM-A-919694	LINEAR MODULATION		EA 1	
2	50	PAFZZ 5995-01-167-2278	80063	SM-C-920025	CABLE ASSY, RF		EA 1	
2	51	PADZZ	80063	SM-A-919717-1	ATTENUATOR, FIXED (SELECT AT TEST)		EA 1	
2	51	PADZZ	80063	SM-A-919717-2	ATTENUATOR, FIXED (SELECT AT TEST)		EA 1	
2	51	PADZZ 5985-01-164-8685	80063	SM-A-919717-3	ATTENUATOR, FIXED (SELECT AT TEST)		EA 1	
2	51	PADZZ	80063	SM-A-919717-4	ATTENUATOR, FIXED (SELECT AT TEST)		EA 1	
2	51	PADZZ	80063	SM-A-919717-5	ATTENUATOR, FIXED (SELECT AT TEST)		EA 1	
2	52	PAFZZ 5995-01-167-2276	80063	SM-C-920018	CABLE ASSY, RF		EA 1	
2	53	PAFZZ 5995-01-167-2277	80063	SM-C-920021	CABLE ASSY RF		EA 1	
2	54	XBDZZ	80063	SM-B-920382	INSULATOR, PLATE		EA 1	
2	55	PAFZZ 5995-01-167-2280	80063	SM-C-920046	CABLE ASSY, RF		EA 1	
2	56	XBDZZ	80063	SM-D-920132	GASKET		EA 1	
2	57	PAFDA 5865-01-118-7299	80063	SM-C-919727	POWER SUPPLY, LV 1PS1		EA 1	
2	58	XBDZZ	80063	SM-D-920073	PLENUM		EA 1	
2	59	PADZZ 5305-00-054-6651	96906	MS51957-27	SCREW, MACHINE		EA 4	
2	60	PAFZZ	80063	SM-C-920168-7	GASKET		EA 3	
2	61	PAFZZ	80063	SM-C-920168-6	GASKET		EA 1	
2	62	PAFZZ	80063	SM-C-920168-4	GASKET		EA 1	
2	63	PAFZZ	80063	SM-C-920168-1	GASKET		EA 1	
2	64	PAFZZ	80063	SM-C-920168-5	GASKET		EA 1	
2	65	PAFZZ	80063	SM-B-920134-4	INSULATOR, CARD GUID		EA 1	
2	66	PAFZZ	80063	SM-B-920134-3	INSULATOR, CARD GUID		EA 1	
2	67	PAFZZ	80063	SM-C-920168-3	GASKET		EA 1	
2	68	PAFZZ	80063	SM-C-920168-2	GASKET		EA 1	
2	69	XBFZZ	80063	SM-B-920014-2	SPACER, SLEEVE		EA 1	
2	70	XBFZZ	80063	SM-C-920384-1	BUS, CONDUCTOR		EA 1	
2	71	PAFZZ 5310-00-934-9759	96906	MS35649-284	NUT, FLAIN, HEXAGON		EA 1	
2	72	XBFZZ	80063	SM-C-920384-2	BUS, CONDUCTOR		EA 1	
2	73	XBFZZ	80063	SM-B-920014-1	SPACER, SLEEVE		EA 1	
2	74	PADZZ 5305-00-054-5651	96906	MS51957-17	SCREW, MACHINE		EA 1	

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2					(7)	(8)
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
ILLUSTRATION					DESCRIPTION			QTY
(A)	(B)	NATIONAL	FSCM	PART		USABLE ON CODE	U/M	INC
FIG	ITEM	STOCK		NUMBER				IN
NO	NO	NUMBER						UNIT
2	75	PADZZ	06540	2707-18527-N126	WASHER, SHOULDERED N		EA	1
2	76	XBDZZ	80063	SM-D-919744	PANEL, BACKPLANE		EA	1
2	77	PAFZZ	5995-01-167-2270	72152	15-30-02090	CABLE ASSY, RF		EA
2	78	PAFZZ	5310-00-595-6211	96906	MS15795-803	WASHER, FLAT		EA
2	79	PAFZZ	6645-00-255-1369	96906	MS17321-10	METER, TIME TOTALIZI		EA
2	80	PAFZZ		80063	SM-B-920411	CABLE ASSY, RF		EA
2	81	PAFZZ	5305-00-054-5655	96906	MS51957-21	SCREW, MACHINE		EA
2	82	PAFZZ		12881	06-0302-3457	SHIELDING GASKET, EL		EA
2	83	PAFZZ	5935-01-135-2628	95712	4890-1	CONNECTOR, RECEPACL		EA
2	84	PADZZ	5305-00-054-5649	96906	MS51957-15	SCREW, MACHINE		EA
2	85	PAFZZ	5935-00-196-6829	96906	MS27511B22C	COVER, ELECTRICAL CO		EA
2	86	PAFZZ	5305-00-054-6650	96906	MS51957-26	SCREW, MACHINE		EA
2	87	PAFZZ	5305-00-054-6652	96906	MS51957-28	SCREW, MACHINE		EA
2	88	XBDZZ		80063	SM-C-920408	PLATE, IDENT		EA
2	89	PBFDD	5865-01-119-9262	80063	SM-D-919885	FILTER BOX ASSEMBLY 1A14		EA
2	90	MFFZZ		80063	SM-B-920171-1	GASKET CUT REQUIRED LENGTH FROM FSCM 30817 PART NUMBER 97-555-G		EA
2	91	MFFZZ		80063	SM-B-920171-2	GASKET CUT REQUIRED LENGTH FROM FSCM 30817 PART NUMBER 97-555-G		EA
2	92	PADZZ	5935-01-155-6228	71468	MDM-31PH89L	CONNECTOR, PLUG ELEC		EA
2	93	PADZZ	5935-01-155-8685	71468	MDM-31PH88L	CONNECTOR, PLUG, ELEC		EA
2	94	XBDZZ		80063	SM-C-920331-7	BAND, MARKER		EA
2	95	PADZZ	5935-01-157-0560	71468	MDM-31PH87L	CONNECTOR, PLUG, ELEC		EA
2	96	XBDZZ		80063	SM-C-920331-6	BAND, MARKER		EA
2	97	XBDZZ		80063	SM-C-920331-4	BAND, MARKER		EA
2	98	PADZZ	5940-00-620-8424	96906	MS0035431-4	TERMINAL, LUG		EA
2	99	XBDZZ		80063	SM-C-920331-2	BAND, MARKER		EA
2	100	XBDZZ		80063	SM-C-920331-5	BAND, MARKER		EA
2	101	XBDZZ		80063	SM-C-920331-3	BANK, MARKER		EA
2	102	XBDZZ		80063	SM-C-920331-20	BAND, MARKER		EA
2	103	PADZZ	5940-00-143-4780	96906	MS25036-108	TERMINAL, LUG		EA
2	104	XBDZZ		80063	SM-C-920331-21	BAND, MARKER		EA
2	105	PADZZ		81349	M2874814B00S2A	CONNECTOR, PLUG ELEC		EA
2	106	XBDZZ		80063	SM-C-920331-15	BAND MARKER		EA
2	107	XBDZZ		80063	SM-C-920331-14	BAND, MARKER		EA
2	108	XBDZZ		80063	SM-C-920331-11	BAND, MARKER		EA
2	109	PADZZ	5935-01-026-8530	81349	M39012/75-0004	CONNECTOR, PLUG, ELEC		EA
2	110	XBDZZ		80063	SM-C-920331-12	BAND, MARKER		EA
2	111	XBDZZ		80063	SM-C-920331-13	BAND, MARKER		EA
2	112	PADZZ	5935-00-205-8958	98291	058-010-0000-228	CONNECTOR, RECEPACL		EA
2	113	XBDZZ		80063	SM-C-920331-16	BANK, MARKER		EA



SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION					DESCRIPTION		QTY
(A)	(B)	NATIONAL	FSCM	FART		USABLE ON CODE	INC
FIG	ITEM	STOCK		NUMBER			IN
NO	NO	NUMBER					UNIT
	SMR						
	CODE						
2	114	XBDZZ	80063	SM-C-920331-18	BAND, MARKER		EA 1
2	115	XBDZZ	80063	SM-C-920331-17	BAND, MARKER		EA 1
2	116	XBDZZ	80063	SM-C-920331-1	BAND, MARKER		EA 1
2	117	XBDZZ	80063	SM-C-920331-19	BAND, MARKER		EA 1
2	118	XBDZZ	80063	SM-C-920331-10	BAND, MARKER		EA 1
2	119	XBDZZ	80063	SM-C-920331-9	BAND, MARKER		EA 1
2	120	XBDZZ	80063	SM-C-920331-8	BAND, MARKER		EA 1
2	121	PADZZ	5935-01-088-3437	00779	86256-4	CONNECTOR BODY, RECE	EA 2
2	122	PADZZ	5940-01-045-5826	06090	D-133-01	TERMINAL, FEEDTHRU, I	EA 100
2	123	PADZZ	5999-00-003-8958	95238	2500-S2A22	CONTACT, ELECTRICAL	EA 59
2	124	PADZZ		14287	MTB20E10804	TERMINAL JUNCTION B	EA 1
2	125	PADZZ	5940-00-872-0888	06090	D-101-00	SPLICE, CONDUCTOR	EA 96
2	126	PADZZ	5999-00-137-5066	81349	M39029/1-16-20	CONTACT, ELECTRICAL	EA 64
2	127	PADZZ	5935-00-159-0131	00779	1-86256-4	CONNECTOR BODY, RECE	EA 2
2	128	PADZZ	5999-00-764-1923	00779	86016-4	CONTACT, ELECTRICAL	EA 168
2	129	PADZZ		95238	SM29-20PGDFSK-50	CONNECTOR, PLUG ELEC	EA 1
2	130	XBDZZ		95238	MMM44SSL	CONNECTOR BODY, PLUG	EA 1
2	131	PADZZ	5935-01-149-6982	95238	MMM18SSL	CONNECTOR, PLUG ELEC	EA 1
2	132	PADZZ	5935-00-425-2155	96906	MS27508E22B35S	CONNECTOR, RECEPTACL	EA 1
2	133	PADZZ	5935-00-465-4378	81349	M24308/1-1	CONNECTOR, RECEPTACL	EA 1
2	134	PADZZ	5935-01-093-5354	81349	M24308/25-6	JACKSCREW, ELECTRICAL	EA 4
2	135	PADZZ	5935-00-410-9251	81349	M24308/3-1	CONNECTOR, RECEPTACL	EA 1
2	136	PADZZ	5935-01-149-6981	95238	MMM11SSL	CONNECTOR, PLUG, ELEC	EA 1

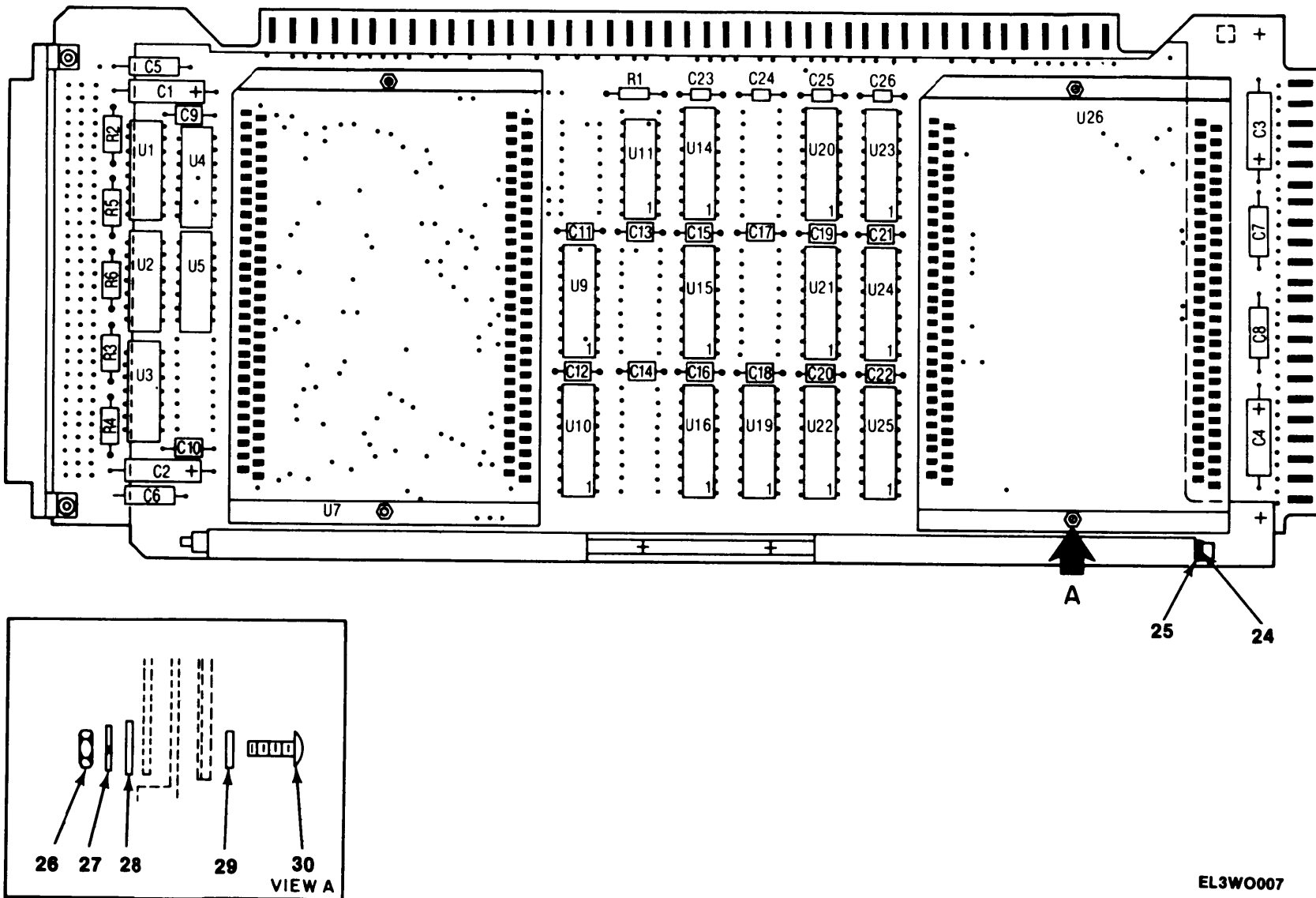


Figure 3  
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Figure 3. Circuit Card Assembly, Sorter (1A1/1A5) (Sheet 1 of 2)

EL3WO007

LEGEND

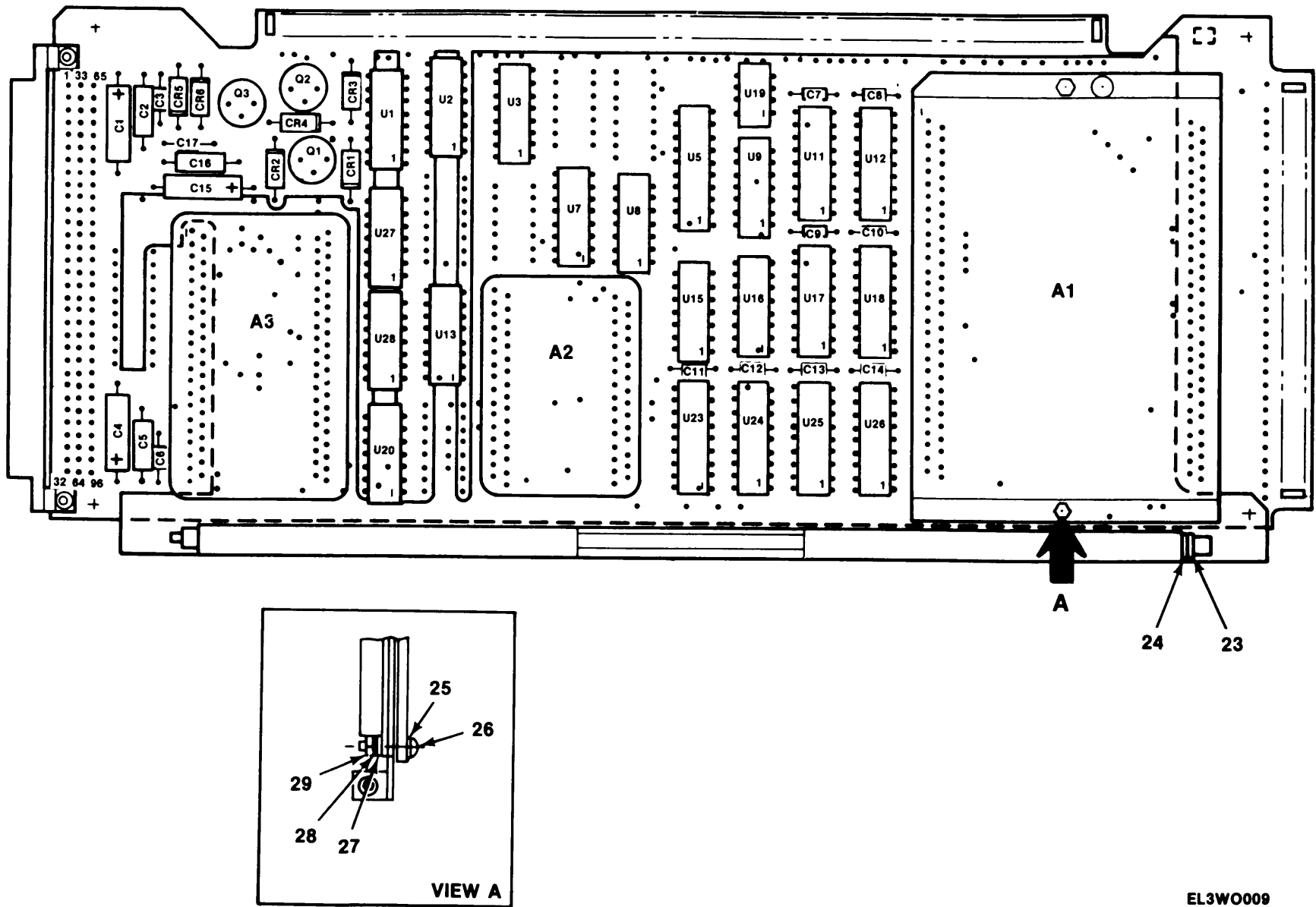
REF DES	ITEM NO.	REF DES	ITEM NO.
C1	1	R1	4
C2	1	R2	4
C3	1	R3	5
C4	1	R4	5
C5	2	R5	5
C6	2	R6	5
C7	2		
C8	2	U1	6
C9	3	U2	7
C10	3	U3	7
C11	3	U4	7
C12	3	U5	8
C13	3	U7	9
C14	3	U9	10
C15	3	U10	11
C16	3	U11	12
C17	3	U14	13
C18	3	U15	14
C19	3	U16	15
C20	3	U19	16
C21	3	U20	17
C22	3	U21	18
C23	3	U22	19
C 24	3	U23	20
C25	3	U24	21
C26	3	U25	22
		U26	23

**EL3WO008**

Figure 3, Circuit Card Assembly, Sorter (1A1/1A5) (Sheet 2 of 2)

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION		NATIONAL			DESCRIPTION		QTY	
(A)	(B)	STOCK	FSCM	PART		USABLE ON CODE	INC	
FIG	ITEM	NUMBER		NUMBER		U/M	IN	
NO	NO						UNIT	
GROUP 0101 CIRCUIT CARD ASSEMBLY								
SORTER (1A1)								
3	1	PADZZ	5910-00-007-2003	81349	M39003/01-3009		EA 4	
3	2	PADZZ		81349	M39014/05-2892		EA 4	
3	3	PADZZ	5910-00-113-5490	81349	M39014/05-2219		EA 18	
3	4	PADZZ	5905-00-105-7764	81349	RCR07G222JS		EA 2	
3	5	PADZZ	5905-00-135-3975	05869	4171306-289		EA 4	
3	6	PADZZ	5905-01-066-0767	81349	M8340102M2201JB		EA 1	
3	7	PADZZ	5962-01-089-1814	81349	M38510/10305BEB		EA 3	
3	8	PGDZZ	5962-01-031-7030	81349	M38510/30001BCB		EA 1	
3	9	PADZZ	5962-01-119-1286	80063	SM-A-919798		EA 1	
3	10	XBDZZ		80063	SM-C-920147-1		EA 1	
3	11	XBDZZ		80063	SM-C-920147-4		EA 1	
3	12	PGDZZ		80063	SM-C-920633		EA 1	
3	13	XBDZZ		80063	SM-C-920147-2		EA 1	
3	14	XBDZZ		80063	SM-C-920147-3		EA 1	
3	15	XBDZZ		80063	SM-C-920147-5		EA 1	
3	16	XBDZZ		80063	SM-C-920147-9		EA 1	
3	17	XBDZZ		80063	SM-C-920147-6		EA 1	
3	18	XBDZZ		80063	SM-C-920147-7		EA 1	
3	19	XBDZZ		80063	SM-C-920147-8		EA 1	
3	20	XBDZZ		80063	SM-C-920147-10		EA 1	
3	21	XBDZZ		80063	SM-C-920147-11		EA 1	
3	22	XBDZZ		80063	SM-C-920147-12		EA 1	
3	23	PADZZ	5962-01-118-7284	28527	2619501G004		EA 1	
3	24	PAFZZ	5310-00-933-8118	96906	MS35338-135		EA 1	
3	25	PADZZ	5310-00-057-0573	80205	NAS620C4		EA 1	
3	26	PADZZ	5310-00-208-3786	82577	717899-038		EA 4	
3	27	PADZZ	5310-00-933-8118	96906	MS35338-135		EA 4	
3	28	PADZZ	5310-00-723-9676	80205	NAS620C4L		EA 4	
3	29	PADZZ		06540	2253-T116		EA 4	
3	30	PADZZ	5305-00-054-5649	96906	MS51957-15		EA 4	

Figure 4  
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EL3WO009

Figure 4. Circuit Card Assembly, SLO Processing (1A2) (Sheet 1 of 2)

LEGEND

REF DES	ITEM NO.	REF DES	ITEM NO.
A 1	1	CR5	7
A2	2	CR6	7
A3	3		
		Q1	8
C1	4	Q2	8
C2	5	Q3	8
C3	6		
C4	4	U1	9
C5	5	U2	10
C6	6	U3	10
C7	6	U5	11
C8	6	U7	12
C9	6	U8	13
C 10	6	U9	14
C 11	6	U11	15
C 12	6	U13	12
C 13	6	U15	16
C 14	6	U16	9
C 15	4	U17	17
C 16	5	U19	18
C 17	6	U20	19
		U 23	20
CR1	7	U25	21
CR2	7	U27	14
CR3	7	U28	22
CR4	7		

EL3W0010

Figure 4. Circuit Card Assembly, SLO Processing (1A2) (Sheet 2 of 2)

SECTION II				TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION					DESCRIPTION		QTY		
(A)	(B)	NATIONAL					INC		
FIG	ITEM	STOCK	FSCM	PART		USABLE ON CODE	U/M		
NO	NO	NUMBER		NUMBER					
					GROUP 0102 CIRCUIT CARD ASSEMBLY,SLO				
					PROCESSING(1A2)				
4	1	PADZZ	5962-01-118-7284	80063	SM-A-919797		EA	1	
4	2	PADZZ	5962-01-119-1287	80063	SM-A-919737		EA	1	
4	3	PADZZ		80063	SM-A-920389		EA	1	
4	4	PADZZ	5910-00-007-2003	81349	M39003/01-3009		EA	3	
4	5	PADZZ		81349	M39014/05-2892		EA	3	
4	6	PADZZ	5910-00-113-5490	81349	M39014/05-2219		EA	11	
4	7	PADZZ	5961-01-011-9100	81349	JANTXIN649-1		EA	6	
4	8	PADZZ	5961-00-862-8738	81349	JANTX2N3439		EA	3	
4	9	PADZZ	5905-01-066-0767	81349	M8340102M2201JB		EA	2	
4	10	PGDZZ	5962-01-050-5252	01295	SNC54368AJ		EA	2	
4	11	PGDZZ	5962-01-102-3114	81349	M38510/32503BRB		EA	1	
4	12	PADZZ	5905-01-084-6307	81349	M8340102M68ROJA		EA	2	
4	13	PADZZ	5962-01-089-1814	81349	M38510/10305BEB		EA	1	
4	14	PGDZZ	5962-01-027-6863	81349	M38510-30003BCB		EA	2	
4	15	XBDZZ		80063	SM-C-920429-2		EA	1	
4	16	PGDZZ	5962-01-031-7030	81349	M38510/30001BCB		EA	1	
4	17	XBDZZ		80063	SM-C-920429-3		EA	1	
4	18	PGDZZ	5962-01-105-5552	01295	SNJ55461JG		EA	1	
4	19	PADZZ		81349	M38510/07001DCB		EA	1	
4	20	XBDZZ		80063	SM-C-920429-1		EA	1	
4	21	XBDZZ		80063	SM-C-920429-4		EA	1	
4	22	PGDZZ	5962-00-369-7621	81349	M38510/00202BCB		EA	1	
4	23	PAFZZ	5310-00-933-8118	96906	MS35338-135		EA	1	
4	24	PADZZ	5310-00-057-0573	80205	NAS620C4		EA	1	
4	25	PADZZ		06540	2253-T116		EA	2	
4	26	PADZZ	5305-00-054-5649	96906	MS51957-15		EA	2	
4	27	PADZZ	5310-00-723-9676	80205	NAS620C4L		EA	2	
4	28	PADZZ	5310-00-933-8118	96906	MS35338-135		EA	2	
4	29	PADZZ	5310-00-208-3786	82577	717899-038		EA	2	

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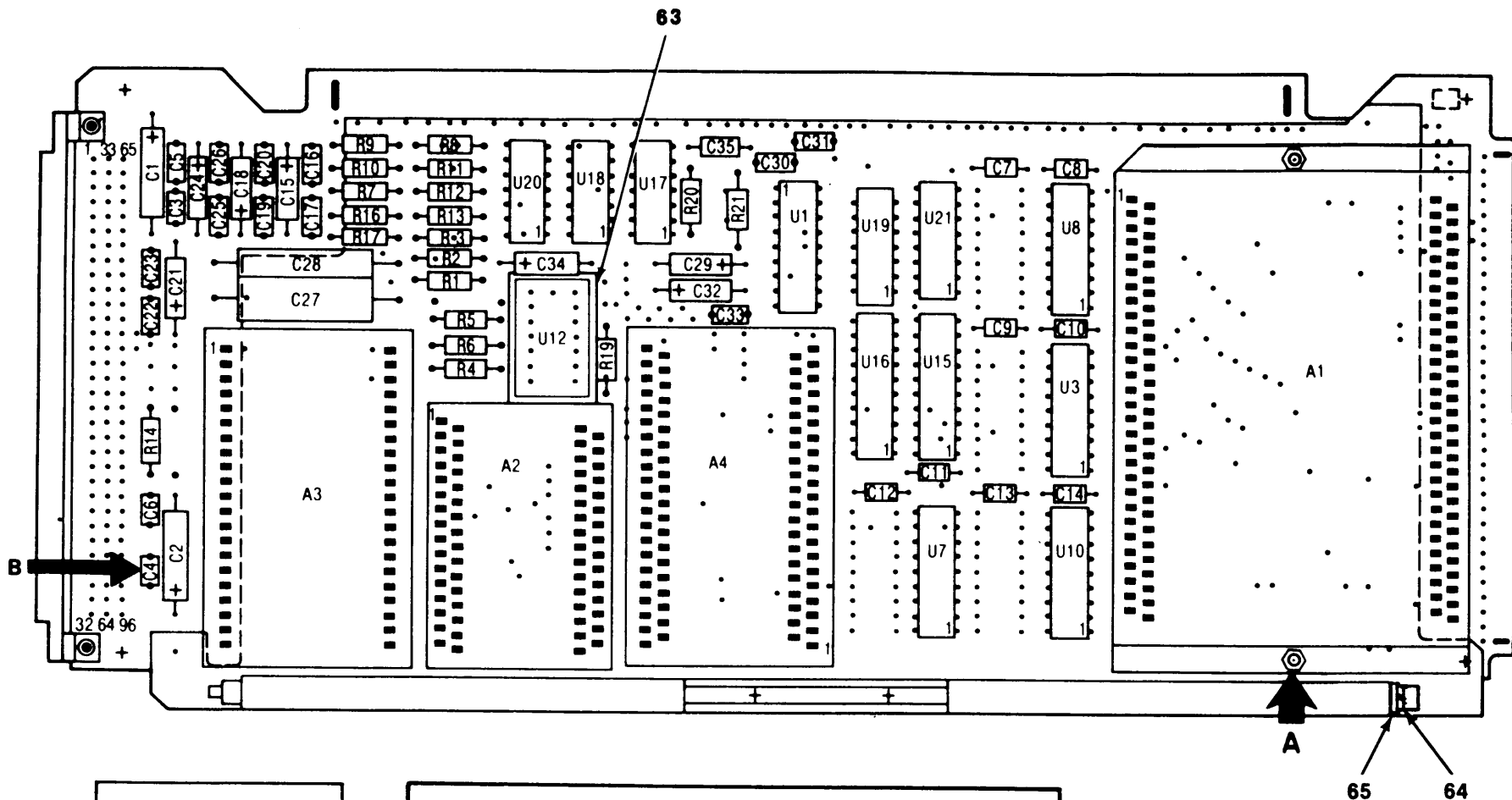
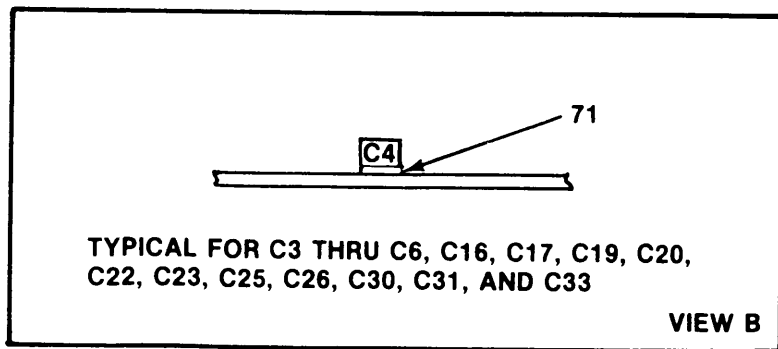
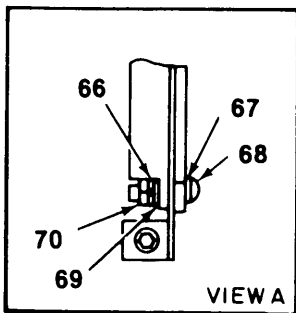


Figure 5



EL3WO011

Figure 5. Circuit Card Assembly, Mod Recovery (1A3) (Sheet 1 of 2)



LEGEND

REF DES	ITEM NO.	REF DES	ITEM NO.
A1	1	R5	19, 20, 21, 22, 23
A2	2	R6	24
A3	3	R7	25, 26, 27, 28, 29
A4	4	R8	30, 31, 32, 33, 34
		R9	19, 35, 36, 37, 38
C1	5	R10	39, 40, 41, 42, 43
C2	5	R11	44
C3	6	R12	45
C4	6	R13	46
C5	7	R14	47
C6	7	R16	48
C7	8	R17	49
C8	8	R19	16
C9	8	R20	50
C10	8	R21	51
C11	8		
C12	8	U1	52
C13	8	U7	53
C14	8	U8	54
C15	9	U9	55
C16	6	U10	56
C17	7	U12	57
C18	9	U15	58
C19	6	U16	58
C20	7	U17	59
C21	10	U18	60
C22	6	U19	61
C23	7	U20	61
C24	10	U21	62
C25	6		
C 26	7		
C27	11		
C 28	12		
C 29	9		
c 30	13		
C31	13		
C32	9		
C33	13		
C34	14		
C35	15		
R1	16		
R2	17		
R3	17		
R4	18		

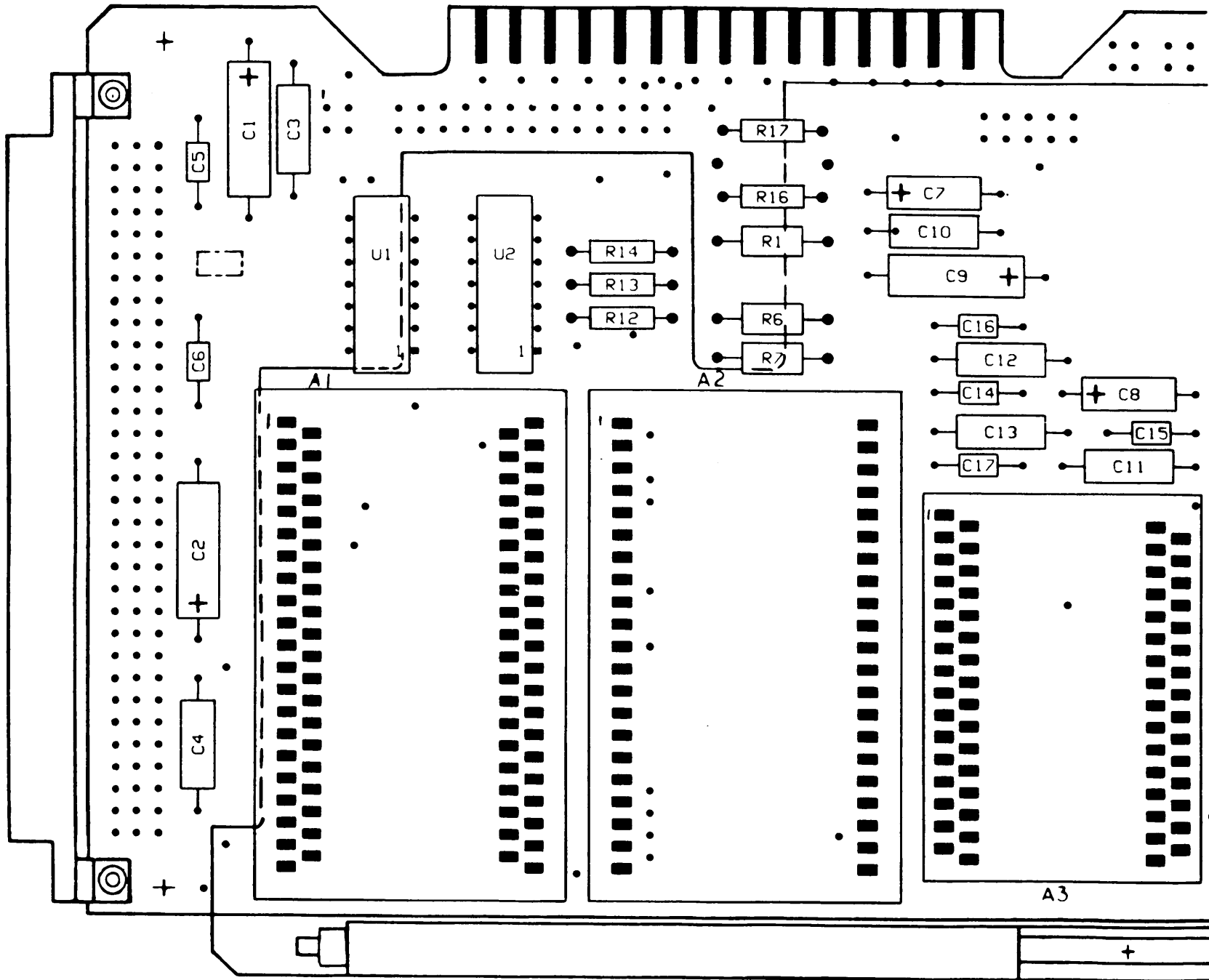
EL3W0012

Figure 5. Circuit Card Assembly, Mod Recovery (1A3) (Sheet 2 of 2)

SECTION II (1) ILLUSTRATION		(2)	(3)	TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2		(6)	(7)	(8)
(A) FIG NO	(B) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
						GROUP 0103 CIRCUIT CARD ASSEMBLY, MOD RECOVERY(1A3)		
5	1	PADZZ	5962-01-118-7284	80063	SM-A-919797	MICROCIRCUIT MODULE	EA	1
5	2	PADZZ	5962-01-118-7285	80063	SM-A-919734	MICROCIRCUIT MODULE	EA	1
5	3	PADZZ	5962-01-118-7286	80063	SM-A-919725	MICROCIRCUIT MODULE	EA	1
5	4	PADZZ	5962-01-118-7287	80063	SM-A-919722	MICROCIRCUIT MODULE	EA	1
5	5	PADZZ	5910-00-007-2003	81349	M39003/01-3009	CAPACITOR, FIXED, ELE	EA	2
5	6	PADZZ	5910-00-010-8717	81349	M39014/01-1593	CAPACITOR, FIXED, CER	EA	6
5	7	PADZZ	5910-00-113-5445	81349	M39014/01-1339	CAPACITOR, FIXED, CER	EA	6
5	8	PADZZ	5910-00-113-5490	81349	M39014/05-2219	CAPACITOR, FIXED, CER	EA	8
5	9	PADZZ	5910-00-495-0042	81349	M39003/01-3076	CAPACITOR, FIXED, ELE.	EA	4
5	10	PADZZ	5910-00-010-8159	81349	M39003/01-2988	CAPACITOR, FIXED, ELE	EA	2
5	11	PADZZ	5910-01-093-8132	81349	M83421/01-2227R	CAPACITOR, FIXED, MET	EA	1
5	12	PADZZ	5910-01-076-9229	81349	M83421/01-2161R	CAPACITOR, FIXED, MET	EA	1
5	13	PADZZ	5910-00-124-0659	81349	M39014/01-1575	CAPACITOR, FIXED, CER	EA	3
5	14	PADZZ	5910-00-113-8994	81349	M39003/01-2597	CAPACITOR, FIXED, ELE	EA	1
5	15	PADZZ	5910-00-113-8994	81349	M39014/05-2838	CAPACITOR, FIXED, CER	EA	1
5	16	PADZZ	5905-00-105-7764	81349	RCR07G222JS	RESISTOR, FIXED, COMP	EA	2
5	17	PADZZ	5905-00-135-3975	05869	4171306-289	RESISTOR, FIXED, COMP	EA	2
5	18	PADZZ	5905-00-146-4593	81349	RLR05C2200GR	RESISTOR, FIXED, FILM	EA	1
5	19	PADZZ	5905-00-257-9410	81349	RNC55H3091FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	2
5	20	PADZZ	5905-00-006-5571	81349	RNC55H3161FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	21	PADZZ	5905-00-138-7397	81349	RNC55H3321FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	22	PADZZ	5905-00-431-5156	81349	RNC55H3241FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	23	PADZZ	5905-00-481-8455	81349	RNC55H3401FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	24	PADZZ	5905-00-403-4456	81349	RNC55H90R9FS	RESISTOR, FIXED, FILM	EA	1
5	25	PADZZ	5905-00-356-4199	81349	RNC55H6810FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	25	PADZZ	5905-00-139-1926	81349	RNC55H7150FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	26	PADZZ	5905-00-139-1926	81349	RNC55H7150FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	27	PADZZ	5905-00-138-3361	81349	RNC55H6490FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	28	PADZZ	5905-00-721-3685	81349	RNC55H6650FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	29	PADZZ	5905-00-471-5640	81349	RNC55H6980FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	30	PADZZ	5905-00-758-4774	81349	RNC55H1181FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	31	PADZZ	5905-00-285-1633	81349	RNC55H1241FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	32	PADZZ	5905-00-480-4023	81349	RNC55H1211FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	33	PADZZ	5905-00-484-7880	81349	RNC55H1271FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	34	PADZZ	5905-00-305-5225	81349	RNC55H1301FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	35	PADZZ	5905-00-236-0494	81349	RNC55H2801FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	36	PADZZ	5905-00-758-5011	81349	RNC55H2871FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	37	PADZZ	5905-00-431-5155	81349	RNC55H2941FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1
5	38	PADZZ	5905-00-112-1233	81349	RNC55H3011FS	RESISTOR, FIXED, FILM (SELECT AT TEST)	EA	1

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2							
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	
ILLUSTRATION					DESCRIPTION			QTY	
(A)	(B)	NATIONAL		FSCM	PART			INC	
FIG	ITEM	STOCK			NUMBER		USABLE ON CODE	IN	
NO	NO	NUMBER					U/M	UNIT	
5	39	PADZZ 5905-00-138-7401	81349	RNC55H5361FS	RESISTOR, FIXED, FILM (SELECT AT TEST)		EA	1	
5	40	PADZZ 5905-00-256-5051	81349	RNC55H5621FS	RESISTOR, FIXED, FILM (SELECT AT TEST)		EA	1	
5	41	PADZZ 5905-00-452-0714	81349	RNC55H5901FS	RESISTOR, FIXED, FILM (SELECT AT TEST)		EA	1	
5	42	PADZZ 5905-00-219-8638	81349	RNC55H5491FS	RESISTOR, FIXED, FILM (SELECT AT TEST)		EA	1	
5	43	PADZZ 5905-00-203-5377	81349	RNC55H5761FS	RESISTOR, FIXED, FILM (SELECT AT TEST)		EA	1	
5	44	PADZZ 5905-00-828-2416	81349	RNC55H1000FS	RESISTOR, FIXED, FILM		EA	1	
5	45	PADZZ 5905-00-292-1064	81349	RNC55H5231FS	RESISTOR, FIXED, FILM		EA	1	
5	46	PADZZ 5905-00-219-8638	81349	RNC55H5491FS	RESISTOR, FIXED, FILM		EA	1	
5	47	PADZZ	81349	RNC55C2151FS	RESISTOR, FIXED, FILM		EA	1	
5	48	PADZZ 5905-00-481-1403	81349	RNC55H59R0FS	RESISTOR, FIXED, FILM		EA	1	
5	49	PADZZ 5905-00-482-0732	81349	RNC55H1870FS	RESISTOR, FIXED, FILM		EA	1	
5	50	PADZZ 5905-00-110-7620	81349	RCR07G102JS	RESISTOR, FIXED, FILM		EA	1	
5	51	PADZZ 5905-00-480-4023	81349	RNC55H1211FS	RESISTOR, FIXED, FILM		EA	1	
5	52	PADZZ 5962-01-150-3908	50507	MN9622	MICROCIRCUIT, DIGITA		EA	1	
5	53	XBDZZ	80063	SM-C-920256-1	MICROCIRCUIT		EA	1	
5	54	XBDZZ	80063	SM-C-920256-2	MICROCIRCUIT		EA	1	
5	55	XBDZZ	80063	SM-C-920256-3	MICROCIRCUIT		EA	1	
5	56	XBDZZ	80063	SM-C-920256-4	MICROCIRCUIT		EA	1	
5	57	PADZZ	57693	1626 (FIG 1)	OSCILLATOR, RADIO FR		EA	1	
5	58	PGDZZ 5962-01-102-3114	81349	M38510/32503BRB	MICROCIRCUIT, DIGITA		EA	2	
5	59	PGDZZ 5962-01-021-5875	81349	M38510/07001BCB	MICROCIRCUIT, DIGITA		EA	1	
5	60	PGDZZ 5962-01-031-7030	81349	M38510/30001BCB	MICROCIRCUIT, DIGITA		EA	1	
5	61	PADZZ 5962-01-089-1814	81349	M38510/10305BEB	MICROCIRCUIT, LINEAR		EA	2	
5	62	PADZZ 5905-01-066-0767	81349	M8340102M2201JB	RESISTOR NETWORK, FI		EA	1	
5	63	XBDZZ	80063	SM-A-920362	INSULATOR, PLATE		EA	1	
5	64	PAFZZ 5310-00-933-8118	96906	MS35338-135	WASHER, LOCK		EA	1	
5	65	PADZZ 5310-00-057-0573	80205	NAS620C4	WASHER, FLAT		EA	1	
5	66	PADZZ 5310-00-933-8118	96906	MS35338-135	WASHER, LOCK		EA	2	
5	67	PADZZ	06540	2316-T116	WASHER, NONMETALLIC		EA	2	
5	68	PADZZ 5305-00-054-5649	96906	MS51957-15	SCREW, MACHINE		EA	2	
5	69	PADZZ 5310-00-723-9676	80205	NAS620C4L	WASHER, FLAT		EA	2	
5	70	XBDZZ	80205	NAS671C4	NUT, PLAIN, HEXAGON		EA	2	
5	71	PADZZ	80063	SM-C-920430	SPACER		EA	15	

Figure 6  
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TM 11-5865-202-30P/NAVVAIR 16-35ALQ136-4.2

Figure 6. Circuit Card Assembly, Supervisory Control (1A4) (Sheet 1 of 3)

EL3W0013

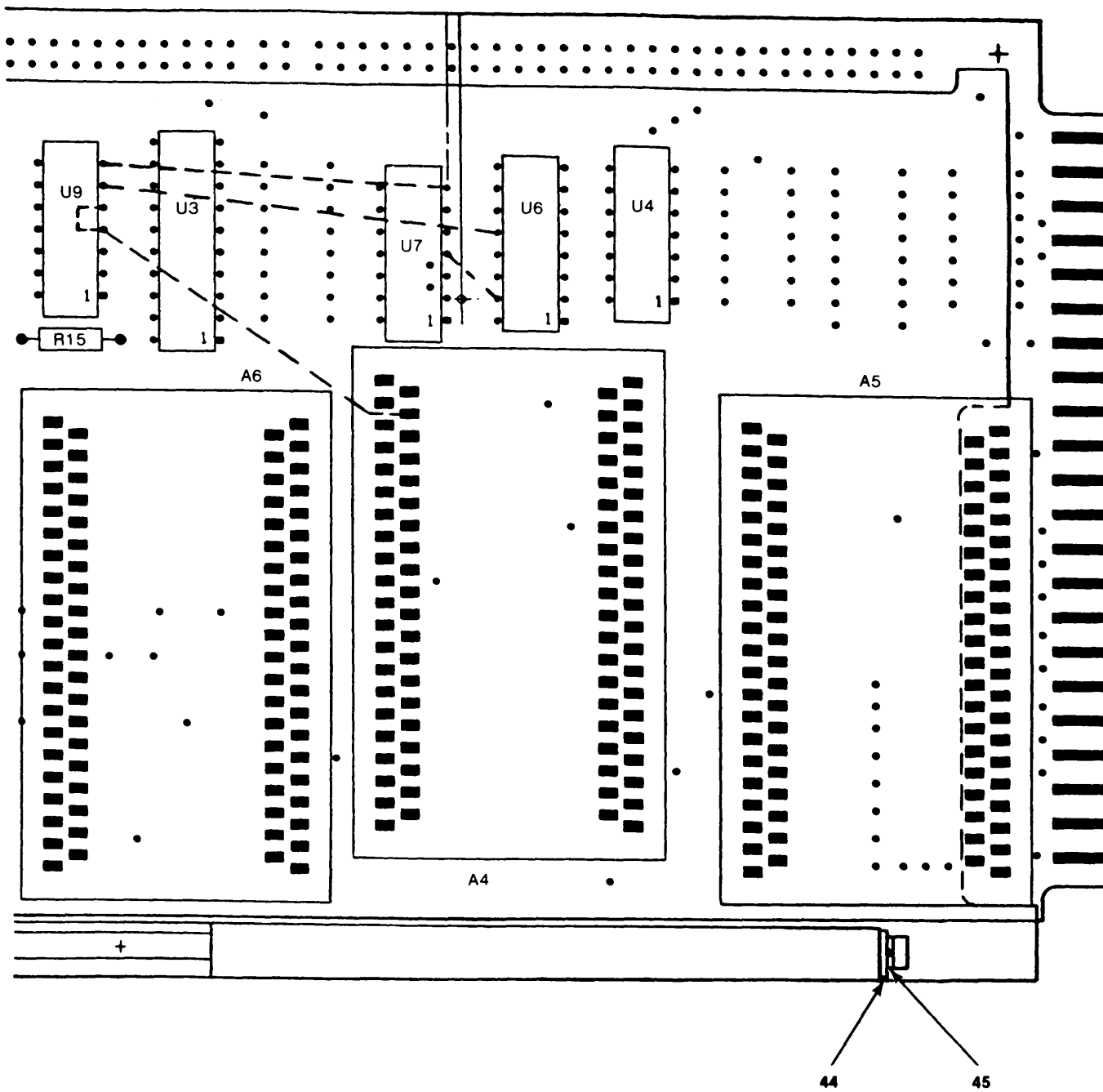


Figure 6  
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Figure 6. Circuit Card Assembly, Supervisory Control (1A4) (Sheet 2 of 3)

EL3WO014

LEGEND

REF DES	ITEM NO.	REF DES	ITEM NO.
A1	1	R1	10, 11, 12, 13, 14, 15, 16, 17, 18
A2	2	R6	15, 16, 17, 18, 19, 20, 21, 22, 23
A3	3	R7	24, 25, 26, 27, 28, 29, 30, 31, 32
A4	4	R12	33
A5	4	R13	33
A6	5	R14	34
		R15	35
C1	6	R16	36
C2	6	R17	36
C3	7		
C4	7	U1	37
C5	8	U2	38
C6	8	U3	39
C7	9	U4	40
C8	9	U6	41
C9	6	U7	42
C10	7	U9	43
C11	7		
C12	7		
C13	7		
C14	8		
C15	8		
C16	8		
C17	8		

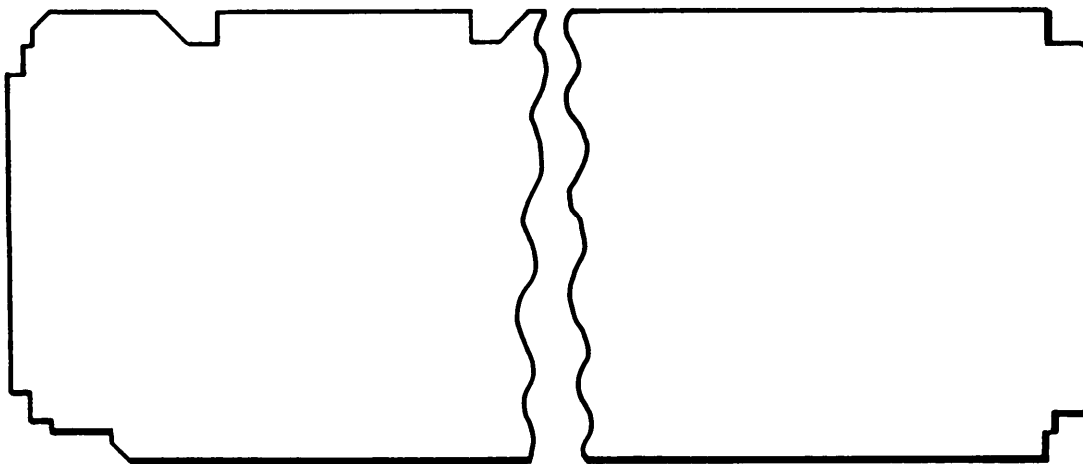


Figure 6. Circuit Card Assembly, Supervisory Control (1A4) (Sheet 3 Of 3)

SECTION II				TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			
ILLUSTRATION		NATIONAL			DESCRIPTION		QTY			
(A)	(B)	STOCK	FSCM	PART		USABLE ON CODE	INC			
FIG	ITEM	NUMBER		NUMBER		U/M	IN			
NO	NO						UNIT			
GROUP 0104 CIRCUIT CARE ASSEMBLY										
SUPERVISORY CONTROL(1A4)										
6	1	PADZZ	5962-01-118-7288	80063	SM-A-919735					
					MICROCIRCUIT MODULE		EA		1	
6	2	PADZZ	5962-01-118-7289	80063	SM-A-919726					
					MICROCIRCUIT MODULE		EA		1	
6	3	PADZZ	5962-01-118-7290	80063	SM-A-919736					
					MICROCIRCUIT MODULE		EA		1	
6	4	PADZZ	5962-01-118-7291	80063	SM-A-919730					
					MICROCIRCUIT MODULE		EA		2	
6	5	PADZZ	5962-01-118-7292	80063	SM-A-920267					
					MICROCIRCUIT MODULE		EA		1	
6	6	PADZZ	5910-00-007-2003	81349	M39003/01-3009					
					CAPACITOR, FIXED, ELE		EA		3	
6	7	PADZZ		81349	M39014/05-2892					
					CAPACITOR, FIXED, CER		EA		6	
6	8	PADZZ	5910-00-113-5490	81349	M39014/05-2219					
					CAPACITOR, FIXED, CER		EA		6	
6	9	PADZZ	5910-00-495-0042	81349	M39003/01-3076					
					CAPACITOR, FIXED, ELE		EA		2	
6	10	PADZZ	5905-00-828-2416	81349	RNC55H1000FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	11	PADZZ	5905-00-211-0488	81349	RNC55H1050FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	12	PADZZ	5905-00-431-5147	81349	RNC55H1100FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	13	PADZZ	5905-00-459-2793	81349	RNC55H1150FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	14	PADZZ	5905-00-484-7874	81349	RNC55H1210FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	15	PADZZ	5905-00-472-1047	81349	RNC55H1330FP					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		2	
6	16	PADZZ	5905-00-629-3101	81349	RNC55H1400FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		2	
6	17	PADZZ	5905-00-758-2973	81349	RNC55H1470FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		2	
6	18	PADZZ	5905-00-484-7879	81349	RNC55H1270FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		2	
6	19	PADZZ	5905-00-758-4776	81349	RNC55H1540FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	20	PADZZ	5905-00-289-6175	81349	RNC55H1620FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	21	PADZZ	5905-00-004-6110	81349	RNC55H1690FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	22	PADZZ	5905-00-484-7889	81349	RNC55H1780FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	23	PADZZ	5905-00-482-0732	81349	RNC55H1870FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	24	PADZZ	5905-00-256-5030	81349	RNC55H3651FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	25	PADZZ	5905-00-236-0868	81349	RNC55H3831FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	26	PADZZ	5905-00-481-8456	81349	RNC55H4021FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	27	PADZZ	5905-00-402-1399	81349	RNC55H4221FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	28	PADZZ	5905-00-401-7436	81349	RNC55H4421FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	29	PADZZ	5905-00-151-4659	81349	RNC55H4641FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	30	PADZZ	5905-00-721-3680	81349	RNC55H4871FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	31	PADZZ	5905-00-138-7399	81349	RNC55H5111FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	32	PADZZ	5905-00-138-7401	81349	RNC55H5361FS					
					RESISTOR, FIXED, FILM (SELECT AT TEST)		EA		1	
6	33	PADZZ	5905-00-107-0656	81349	RCR07G100JS					
					RESISTOR, FIXED, COMP		EA		2	
6	34	PADZZ	5905-00-131-1255	81349	RCR07G122JS					
					RESISTOR, FIXED, COMP		EA		1	
6	35	PADZZ	5905-00-106-3666	81349	RCR07G103JS					
					RESISTOR, FIXED, COMP		EA		1	
6	36	PADZZ	5905-00-105-7764	81349	RCR07G222JS					
					RESISTOR, FIXED, COMP		EA		2	
6	37	PGDZZ	5962-00-396-2587	81349	M38510/01601BCB					
					MICROCIRCUIT, DIGITA		EA		1	
6	38	PGDZZ	5962-00-197-3557	34148	U6B950459X					
					MICROCIRCUIT, DIGITA		EA		1	

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2							
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	
ILLUSTRATION					DESCRIPTION			QTY	
(A)	(B)	NATIONAL		FART				INC	
FIG	ITEM	STOCK	FSCM	NUMBER		USABLE ON CODE	U/M	IN	
NO	NO	NUMBER						UNIT	
6	39	PADZZ		80063	SM-C-919961			EA	1
6	40	PGDZZ	5962-01-031-1918	81349	M38510/30501BCB			EA	1
6	41	PGDZZ	5962-01-006-0181	96214	537888-1			EA	1
6	42	PADZZ	5962-01-089-1814	81349	M38510/10305BEB			EA	1
6	43	PGDZZ	5962-01-066-8393	81349	M38510/08003BCB			EA	1
6	44	PADZZ	5310-00-057-0573	80205	NAS620C4			EA	1
6	45	PAFZZ	5310-00-933-8118	96906	MS35338-135			EA	1



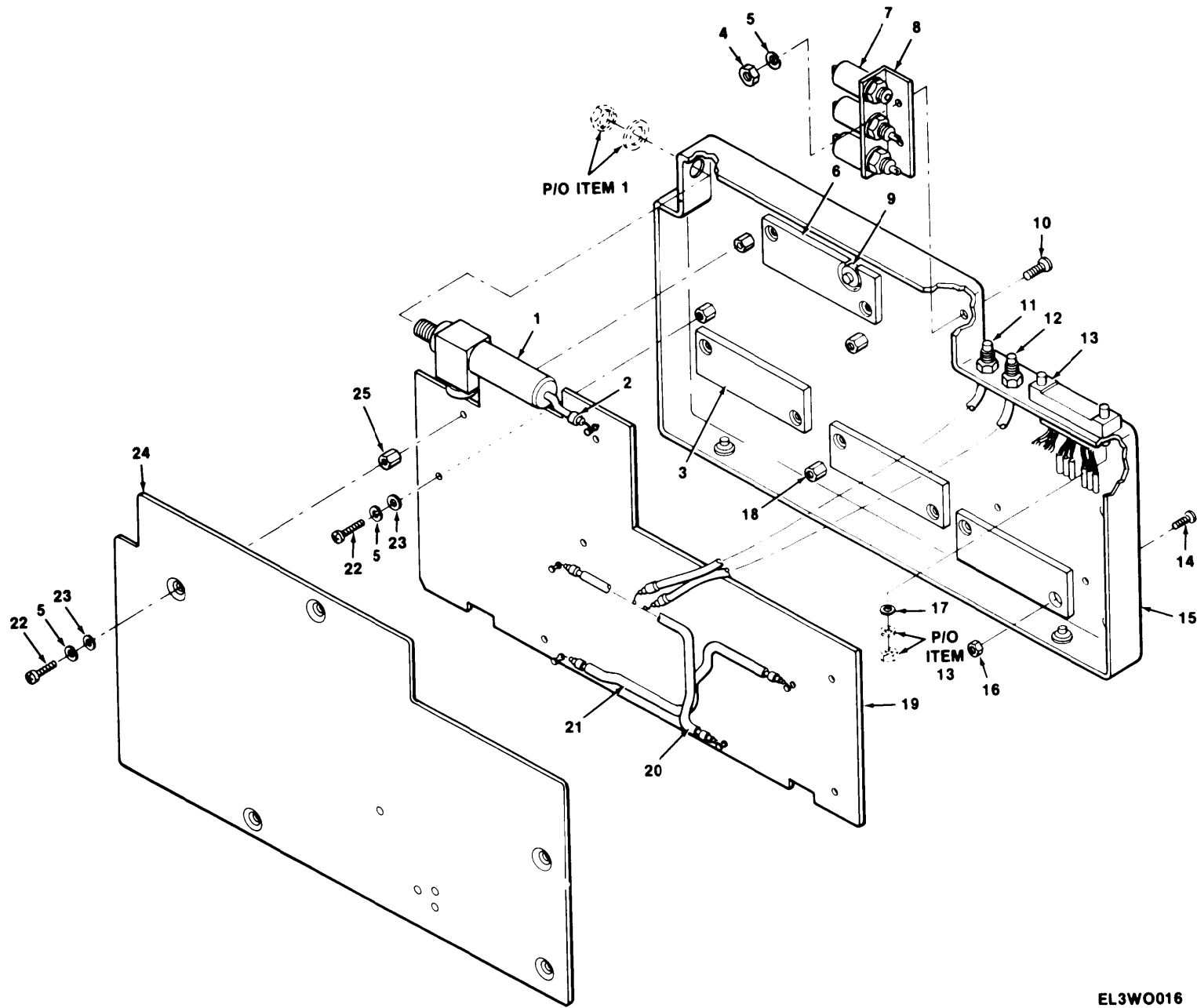


Figure 7  
3 4

Figure 7. Receiver Assembly

EL3WO016

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION					DESCRIPTION		QTY		
(A)	(B)	NATIONAL					INC		
FIG	ITEM	STOCK	FSCM	FART		USABLE ON CODE	U/M		
NO	NO	NUMBER		NUMBER				IN	UNIT
GROUP 0106 RECEIVER ASSEMBLY (1A10)									
7	1	XBDZZ		21847 DS1388	ISOTECTOR-BLOCK		EA	1	
7	2	XBDZZ		80063 SM-B-919916-1	CLIP, ELECTRICAL		EA	1	
7	3	XBDZZ		80063 SM-B-920237-2	HEATSINK, E-E CMPNT		EA	3	
7	4	PADZZ	5310-00-934-9748	96906 MS35649-244	NUT, PLAIN, HEXAGON		EA	2	
7	5	PADZZ	5310-00-933-8118	96906 MS35338-135	WASHER, LOCK		EA	9	
7	6	XBDZZ		80063 SM-B-920237-1	HEATSINK, E-E CMPNT		EA	1	
7	7	PADZZ	5915-01-025-7171	81349 M15733/23-0053	FILTER, RADIO FREQUE		EA	3	
7	8	XBDZZ		80063 SM-B-920210	BRACKET, FILTER		EA	1	
7	9	PADZZ	5310-00-873-3195	46384 LAC632-2	NUT, SELF-LOCKING, CL		EA	3	
7	10	PADZZ	5305-00-225-6400	96906 MS24693-C3	SCREW, MACHINE		EA	2	
7	11	XBDZZ		80063 SM-B-920248	CABLE ASSY, RF		EA	1	
7	12	PADZZ	5995-01-148-5273	80063 SM-C-920227	CABLEASSY, RF		EA	1	
7	13	XBDZZ		80063 SM-B-920218	CABLE HARNESS ASSY		EA	1	
7	14	PADZZ	5305-00-866-2295	03640 6079032	SCREW, MACHINE		EA	8	
7	15	XBODD		80063 SM-C-920169	CASE ASSEMBLY		EA	1	
7	16	PADZZ	5310-00-938-2013	96906 MS35649-224	NUT, PLAIN, HEXAGON		EA	8	
7	17	PADZZ	5310-00-043-4708	80205 NAS620C2	WASHER, FLAT		EA	2	
7	18	PADZZ	5310-00-310-6160	07886 NCN-4-3-050-5	NUT, PLAIN, CLINCH		EA	7	
7	19	PADDD	5999-01-118-7412	80063 SM-D-920200	CIRCUIT CARD ASSEM LOG VIDEO RECEIVER A10A1		EA	1	
7	20	XBDZZ		80063 SM-B-920195	CABLE ASSY, RF		EA	1	
7	21	XBDZZ		80063 SM-B-920196	CABLE ASSY, RF		EA	1	
7	22	PADZZ	5305-00-054-5653	96906 MS51957-19	SCREW, MACHINE		EA	7	
7	23	PADZZ	5310-00-616-3648	80205 NAS620-4L	WASHER, FLAT		EA	7	
7	24	XBDZZ		80063 SM-B-920398	COVER ASSY, RECEIVER		EA	1	
7	25	PADZZ	5307-00-857-6213	06540 9737-SS-0440-7	STUD, EXTENSION		EA	5	

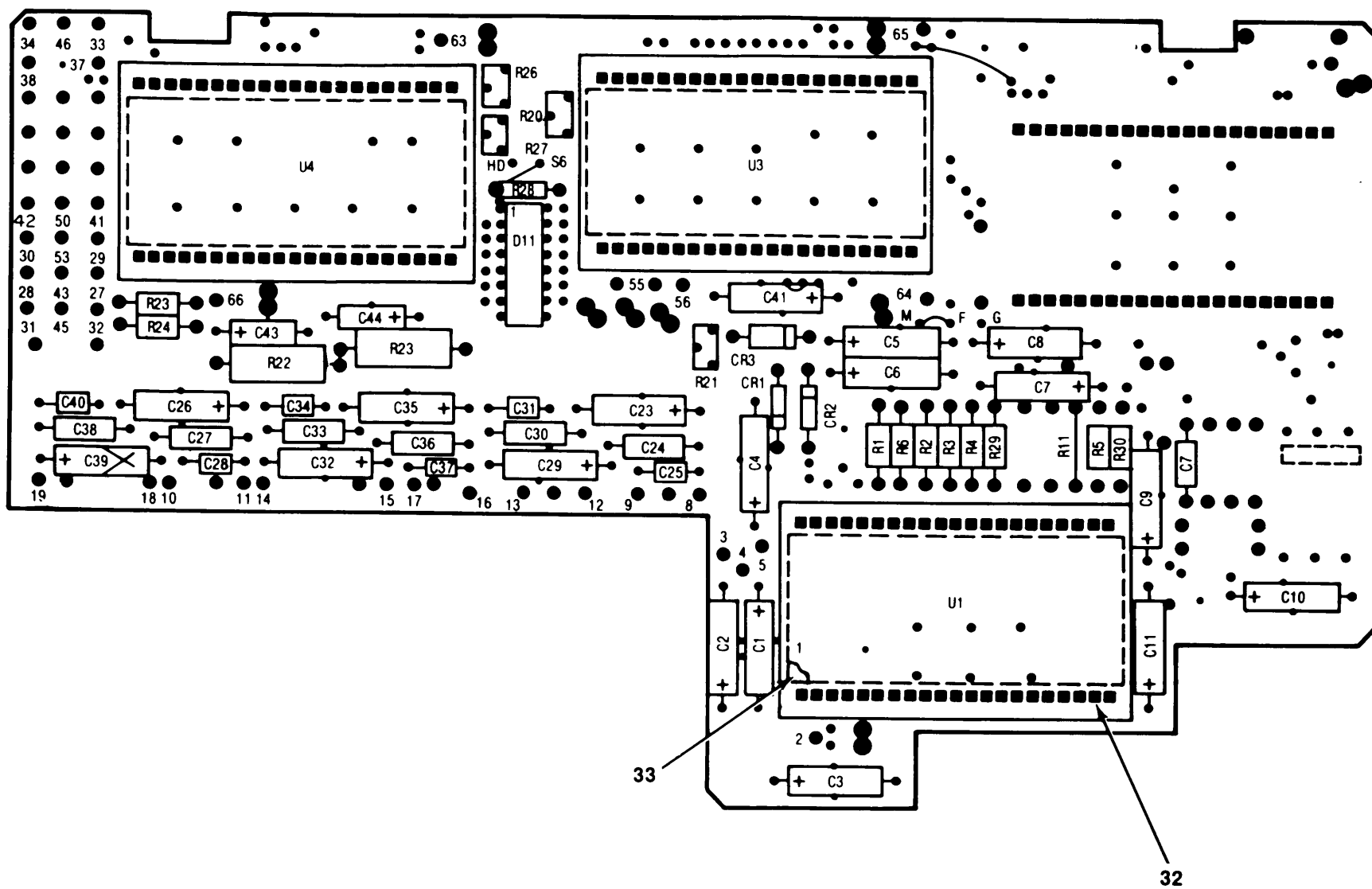


Figure 8. Circuit Card Assembly, Log Video Receiver (Sheet 1 of 2)

EL3WO017

LEGEND

REF DES	ITEM NO.	REF DES	ITEM NO.	REF DES	ITEM NO.
C1	1	E4	11	E46	11
C2	1	E5	11		
C3	1				
C4	1	E8	11	E50	11
C5	1	E9	11		
C6	1	E10	11		
C7	1	E11	11	E53	11
C8	1	E12	11		
C9	2	E13	11	E55	11
C 10	2	E14	11	E56	11
C11	1	E15	11		
C23	3	E16	11		
C 24	4	E17	11	E63	11
C 25	5	E18	11	E64	11
C 26	6	E19	11	E65	11
C 27	4			E66	11
C 28	5				
C 29	3			R1	12
C 30	4			R2	13
C 31	5			R3	14
C 32	2			R4	15
C33	4			R5	16
C 34	5	E27	11	R6	17
C35	2	E28	11	R7	18
C 36	4	E29	11	R20	19
C 37	5	E30	11	R21	20
C 38	2	E31	11	R22	21
C 39	4	E32	11	R23	21
C 40	5	E33	11	R24	22
C41	6	E34	11	R25	23
C 43	7			R26	24
C 44	7			R27	25
		E37	11	R28	26
CR1	8	E38	11	R29	27
CR2	8			R30	28
CR3	9				
		E41	11	U1	29
D11	10	E42	11	U3	30
		E43	11	U4	31
E2	11	E45	11		
E3	11				

EL3WO018

Figure 8. Circuit Card Assembly, Log Video Receiver (Sheet 2 of 2)

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		NATIONAL	FSCM	FART	DESCRIPTION	USABLE ON CODE	QTY
(A)	(B)	STOCK		NUMBER		U/M	INC
FIG	ITEM	NUMBER					IN
NO	NO						UNIT
					GROUP 010601 CIRCUIT CARD ASSEMBLY, LOG VIDEO RECEIVER (1A10A1)		
8	1	PADZZ	5910-00-007-3974	81349	M39003/01-2991		EA 9
8	2	PADZZ	5910-00-007-2003	81349	M39003/01-3009		EA 5
8	3	PADZZ	5910-00-144-4381	81349	M39003-01-3024		EA 2
8	4	PADZZ	5910-00-113-5610	81349	M39014/05-2291		EA 6
8	5	PADZZ	5910-01-132-6841	81349	M39014/05-2819		EA 6
8	6	PADZZ	5910-00-007-2004	81349	M39003/01-2369		EA 2
8	7	PADZZ	5910-00-829-3304	81349	M39003/01-2254		EA 2
8	8	PADZZ	5961-00-421-8969	98230	ON110159-2		EA 2
8	9	PADZZ	5961-00-240-2805	81349	JANTX1N944B		EA 1
8	10	PADZZ	5999-01-148-4958	14948	D8036		EA 1
8	11	XBDZZ			2085-2 HOT DIP S		EA 39
				71279	OLDER		
8	12	PADZZ	5905-00-153-2802	81349	RNC55H2210FS		EA 1
8	13	PADZZ	5905-00-233-4531	81349	RNC55H1541FS		EA 1
8	13	PADZZ	5905-00-484-7886	81349	RNC55H1621FS	RESISTOR, FIXED, FILM (USED ON SERIAL NO. 810001 THRU 810007).	EA 1
8	14	PADZZ	5905-00-480-4023	81349	RNC55H1211FP	RESISTOR, FIXED, FILM (USED ON SERIAL NO. 810008 AND UP)	EA 1
8	14	PADZZ	5905-00-721-3677	81349	RNC55H1371FS	RESISTOR, FIXED, FILM (USED ON SERIAL NO. 810001 THRU 810007)	EA 1
8	14	PADZZ	5905-00-721-3677	81349	RNC55H1371FS	RESISTOR, FIXED, FILM (USED ON SERIAL NO. 810008 AND UP)	EA 1
8	15	PADZZ	5905-00-476-4689	81349	RNC55J8450FS	RESISTOR, FIXED FILM	EA 1
8	16	PADZZ	5905-00-005-2694	81349	RNC55J1541FS	RESISTOR, FIXED, FILM	EA 1
8	17	PADZZ	5905-00-482-0732	81349	RNC55H1870FP	RESISTOR, FIXED, FILM (USED ON SERIAL NO. 810001 THRU 810007)	EA 1
8	17	PADZZ	5905-00-403-4456	81349	RNC55H90R9FS	RESISTOR, FIXED, FILM (USED ON SERIAL NO. 810008 AND UP)	EA 1
8	18	PADZZ	5905-00-721-3680	81349	RNC55H4871FS	RESISTOR, FIXED, FILM	EA 1
8	19	PADZZ	5905-01-073-5732	81349	RJR26FW201P	RESISTOR, VARIABLE, N	EA 1
8	20	PADZZ	5905-01-050-9963	81349	RJR26FW101P	RESISTOR, VARIABLE, N	EA 1
8	21	PADZZ	5905-00-141-0720	81349	RCR32G330JS	RESISTOR, FIXED, COMP	EA 2
8	22	PADZZ	5905-00-462-5635	81349	RNC55H4022FS	RESISTOR, FIXED, FILM	EA 1
8	23	PADZZ	5905-00-236-0504	81349	RNC55H2872FS	RESISTOR, FIXED, FILM	EA 1
8	24	PADZZ	5905-01-062-8637	81349	RJR26FW102P	RESISTOR, VARIABLE, N	EA 1
8	25	PADZZ	5905-01-047-5172	81349	RJR26FW103P	RESISTOR, VARIABLE, N	EA 1
8	26	PADZZ	5905-00-458-9263	81349	RLR07C1000GR	RESISTOR, FIXED, FILM	EA 1
8	27	PADZZ	5905-00-005-2883	81349	RNC55H9090FS	RESISTOR, FIXED, FILM	EA 1
8	28	PADZZ	5905-00-189-0746	81349	RNC55J1781FS	RESISTOR, FIXED, FILM	EA 1
8	29	PADZZ	5962-01-118-7294	80063	SM-A-919731	MICROCIRCUIT MODULE	EA 1
8	30	PADZZ	5962-01-118-7295	80063	SM-A-919732	MICROCIRCUIT MODULE	EA 1
8	31	PADZZ	5962-01-118-7296	80063	SM-A-919733	MICROCIRCUIT MODULE	EA 1
8	32	XBDZZ		80063	SM-B-919793-2	SOCKET, PC BOARD	EA 6
8	33	XBDZZ		80063	SM-B-919933	GASKET	EA 3

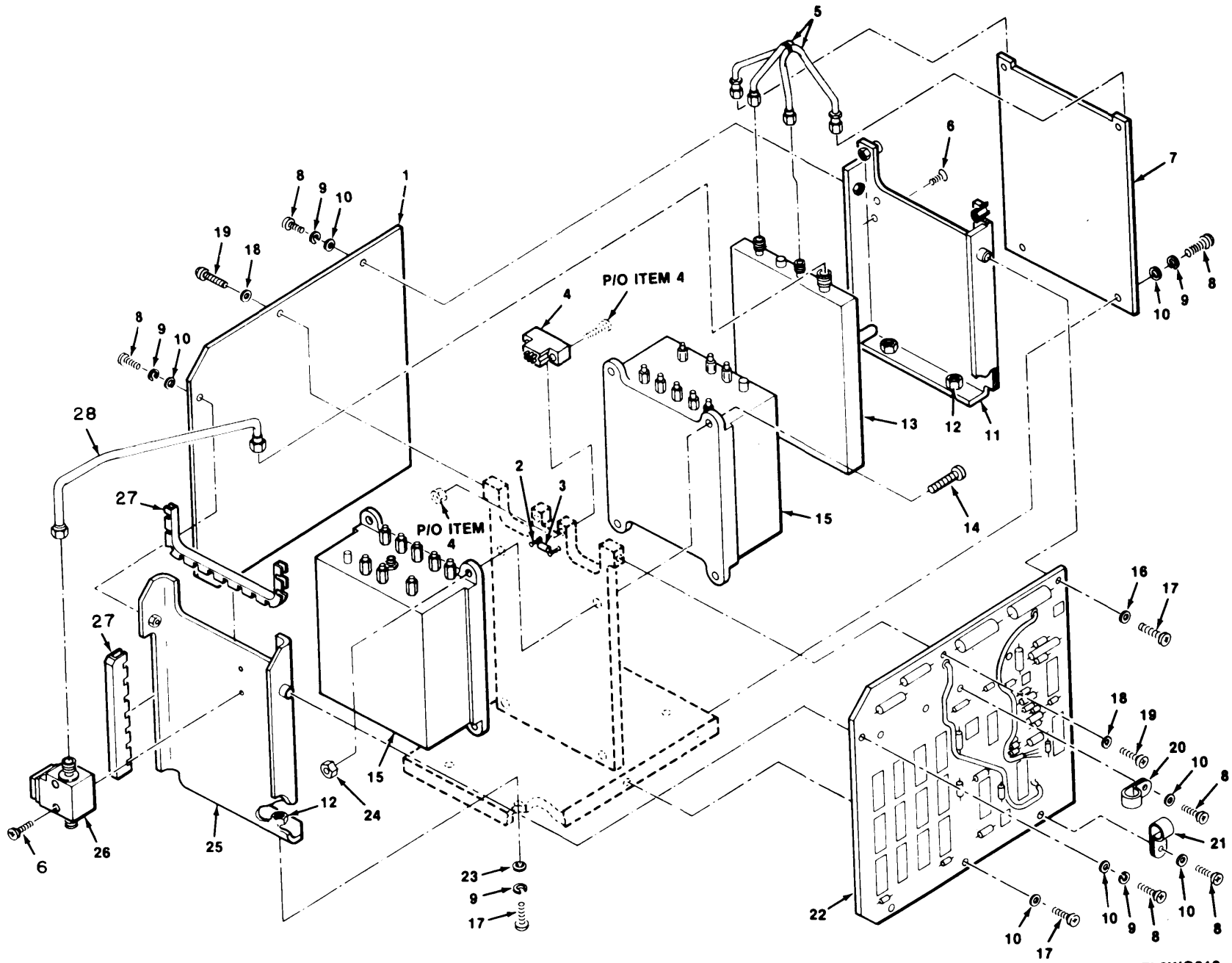
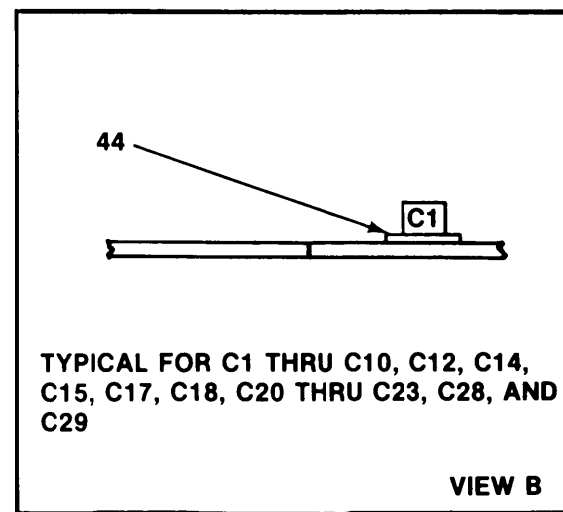
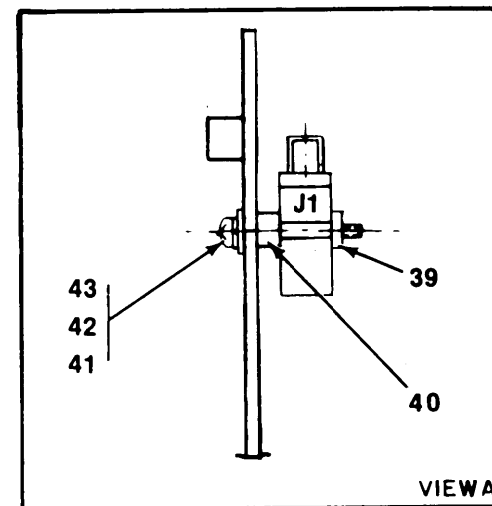
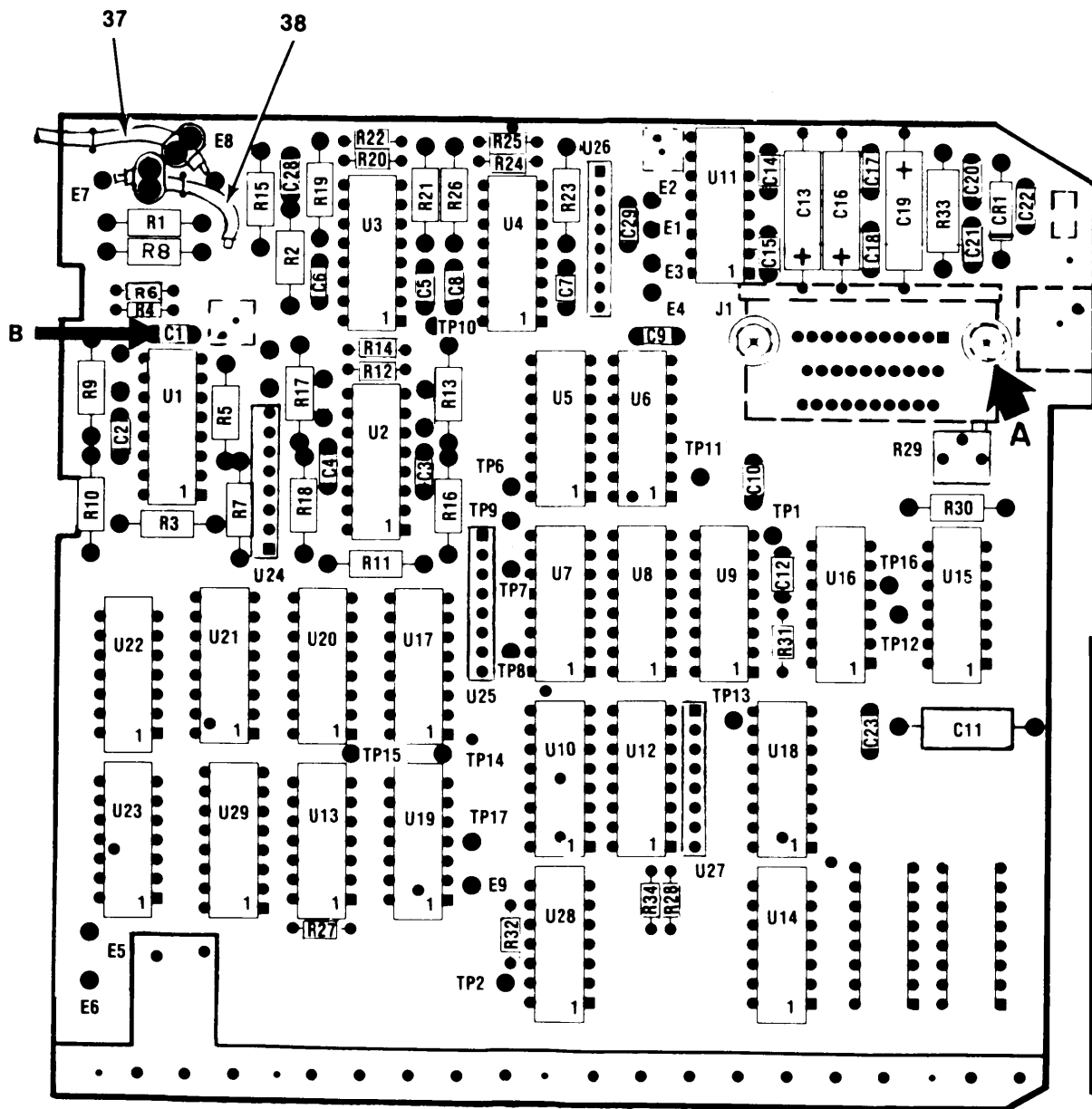


Figure 9. Oscillator Assembly

EL3W0019

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION					DESCRIPTION		QTY		
(A)	(B)	NATIONAL					INC		
FIG	ITEM	STOCK	FSCM	FART		USABLE ON CODE	U/M		
NO	NO	NUMBER		NUMBER				IN	UNIT
GROUP 0107 OSCILLATOR ASSEMBLY (1A11)									
9	1	PADDD	5999-01-118-7415	80063	SM-D-920204			EA	1
9	2	PADZZ	5940-00-051-6257	81349	SE079801			EA	2
9	3	PADZZ	5905-00-458-9346	81349	RCR05G104JS			EA	1
9	4	XBDZZ		80063	SM-B-920242			EA	1
9	5	XBDZZ		80063	SM-B-919936			EA	2
9	6	PADZZ	5305-00-866-2295	03640	6079032			EA	6
9	7	PADDD	5999-01-118-7413	80063	SM-D-920202			EA	1
9	8	PADZZ	5305-00-054-5648	96906	MS51957-14			EA	7
9	9	PADZZ	5310-00-933-8118	96906	MS35338-135			EA	10
9	10	PADZZ	5310-00-723-9676	80205	NAS620C4L			EA	14
9	11	XADZZ		80063	SM-C-919882			EA	1
9	12	XADZZ		96906	MS3214-3			EA	2
9	13	XBDZZ		80063	SM-A-919690			EA	1
9	14	PADZZ	5305-00-054-6655	96906	MS51957-31			EA	4
9	15	PADZZ	5865-01-150-5300	80063	SM-A-919683			EA	2
9	16	PADZZ		86928	5610-19-20			EA	1
9	17	PADZZ	5305-00-054-5653	96906	MS51957-19			EA	13
9	18	PADZZ	5310-00-043-4708	80205	NAS620C2			EA	2
9	19	PADZZ	5305-00-054-5637	96906	MS51957-3			EA	2
9	20	XBDZZ		959787	1/8-JNA			EA	2
9	21	PADZZ	5340-00-950-2764	95987	1/8-ZNA			EA	1
9	22	PADDD	5999-01-118-7414	80063	SM-D-920203			EA	1
9	23	PADZZ	5310-00-595-6211	96906	MS15795-803			EA	4
9	24	PADZZ	5310-00-176-6341	96906	MS17830-06C			EA	4
9	25	XADZZ		80063	SM-C-919883			EA	1
9	26	PADZZ	5985-01-146-1340	80063	SM-A-919696			EA	1
9	27	PADZZ	5325-00-960-2410	96906	MS21266-1N			EA	1
9	28	XBDZZ		80063	SM-B-919939			EA	1

Figure 10. 43



TM 11-5865-202-30P/NAVAIR 16-35ALQ136-4.2

EL3WO020

Figure 10. Circuit Card Assembly, Error Counter (Sheet 1 of 2)



LEGEND

REF DES	ITEM NO.	REF DES	ITEM NO.	REF DES	ITEM NO.
C1	1	R3	11	U9	24
C2	1	R4	12	U10	24
C3	1	R5	10	U11	25
C4	1	R6	12	U12	25
C5	1	R7	13	U13	26
C6	1	R8	10	U14	27
C7	1	R9	14	U15	26
C8	1	R10	13	U16	26
C9	1	R11	11	U17	28
C10	1	R12	12	U18	29
C11	2	R13	10	U19	30
C12	3	R14	12	U20	31
C13	4	R15	10	U21	31
C14	1	R16	13	U22	32
C15	5	R17	14	U23	33
C 16	4	R18	13	U24	34
C 17	1	R19	15	U25	34
C18	5	R20	12	U26	34
C 19	6	R21	10	U27	34
C 20	1	R22	12	U28	35
C21	5	R23	10	U29	36
C 22	1	R24	12		
C23	1	R25	12	TP1	8
C 28	1	R26	16	TP2	8
C 29	1	R27	17	TP6	8
		R28	18	TP7	8
C R1	7	R29	19	TP8	8
		R30	20	TP9	8
E1	8	R31	21	TP10	8
E2	8	R32	17	TP11	8
E3	8	R33	22	TP12	8
E4	8	R34	18	TP13	8
E5	8			TP14	8
E6	8	U1	23	TP15	8
E7	8	U2	23	TP16	8
E8	8	U3	23	TP17	8
E9	8	U4	23		
		U5	24	W1	37
J 1	9	U6	24	W2	38
		U7	24		
R1	10	U8	24		
R2	10				

EL3W0021

Figure 10. Circuit Card Assembly, Error Counter (Sheet 2 of 2)

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		NATIONAL	FSCM	PART	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
(A)	(B)	STOCK		NUMBER		U/M	
FIG	ITEM	NUMBER					
NO	NO			NUMBER			
					GROUP 010701 CIRCUIT CARD ASSEMBLY		
					ERROR COUNTER (1A11A3)		
10	1	PADZZ	5910-01-052-9820	81349	M39014/01-1513		EA 17
10	2	PADZZ	5910-00-934-2988	81349	CM15FD510GP3		EA 1
10	3	PADZZ	5910-00-010-8666	81349	M39014/01-1357		EA 1
10	4	PADZZ	5910-00-007-3974	81349	M39003/01-2991		EA 2
10	5	PADZZ	5910-00-113-5445	81349	M39014/01-1259		EA 3
10	6	PADZZ	5910-00-144-4381	81349	M39003/2305		EA 1
10	7	PADZZ	5961-00-104-1399	81349	JANTXIN753A		EA 1
10	8	XBDZZ		71279	2085-3 HOT DIP SOLDER		EA 23
10	9	PADZZ		71468	MDM96519-26		EA 1
10	10	PADZZ	5905-00-432-6343	81349	RNC55H51R1FS		EA 8
10	11	PADZZ	5905-00-481-1110	81349	RNC55H4991FS		EA 2
10	12	PADZZ	5905-00-433-1853	81349	RCR05G220JS		EA 8
10	13	PADZZ	5905-00-491-6386	81349	RNC55H1471FS		EA 4
10	14	PADZZ	5905-00-223-2741	81349	RNC55H1002FS		EA 2
10	15	PADZZ	5905-00-139-1920	81349	RNC55H1051FS		EA 1
10	16	PADZZ	5905-00-005-2883	81349	RNC55H9090FS		EA 1
10	17	PADZZ	5905-00-458-9500	81349	RCR05G102JS		EA 2
10	18	PADZZ	5905-00-197-0224	81349	RCR05G511JS		EA 2
10	19	PADZZ	5905-01-066-3350	81349	RJR26FP502P		EA 1
10	20	PADZZ	5905-00-233-4531	81349	RNC55H1541FS		EA 1
10	21	PADZZ	5905-00-466-1218	81349	RCR05G822JS		EA 1
10	22	PADZZ	5905-00-121-9922	81349	RCR20G431JS		EA 1
10	23	XBDZZ		80063	SM-C-920664		EA 4
10	24	PGDZZ	5962-01-011-3276	31550	507377-2		EA 6
10	25	PGDZZ	5962-01-082-9853	81349	M38510/06002BEB		EA 2
10	26	PGDZZ	5962-00-369-7706	81349	M38510/01201BCB		EA 3
10	27	PGDZZ	5962-00-318-2223	81349	M38510/00104BCB		EA 1
10	28	PGDZZ	5962-01-033-5516	04713	10525/BEBJC		EA 1
10	29	PADZZ	5962-01-033-0751	04713	MC10524L		EA 1
10	30	PGDZZ	5962-01-030-2118	81349	M38510/07301BCB		EA 1
10	31	XBDZZ		80063	SM-A-920670		EA 2
10	32	PGDZZ	5962-00-396-2587	81349	M38510/01601BCB		EA 1
10	33	PADZZ	5962-01-089-1814	81349	M38510/10305BEB		EA 1
10	34	PADZZ	5905-01-155-3704	81349	M8340105K4990GC		EA 4
10	35	PGDZZ	5962-00-350-8418	34148	U5B7710393		EA 1
10	36	PGDZZ	5962-01-015-5998	81349	M38510/01701BEB		EA 1
10	37	XBDZZ		80063	SM-B-919935		EA 1

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION					DESCRIPTION		QTY	
(A)	(B)	NATIONAL		FART			INC	
FIG	ITEM	STOCK		NUMBER			IN	
NO	NO	NUMBER	FSCM			USABLE ON CODE	U/M	
							UNIT	
10	38	XBDZZ		80063	SM-B-919934	CABLE ASSY,RF	EA	1
10	39	XBDZZ		80063	SM-B-920279	STRAP,RETAINING	EA	1
10	40	XBDZZ		06540	9207-A091-17	SPACER,SLEEVE	EA	2
10	41	PADZZ	5310-00-928-2690	96906	MS35338-134	WASHER,LOCK	EA	2
10	42	PADZZ	5310-00-043-4708	80205	NAS620C2	WASHER,FLAT	EA	6
10	43	PADZZ	5305-054-5643	96906	MS51957-9	SCREW,MACHINE	EA	2
10	44	XBDZZ		80063	SM-C-920430	SPACER	EA	21

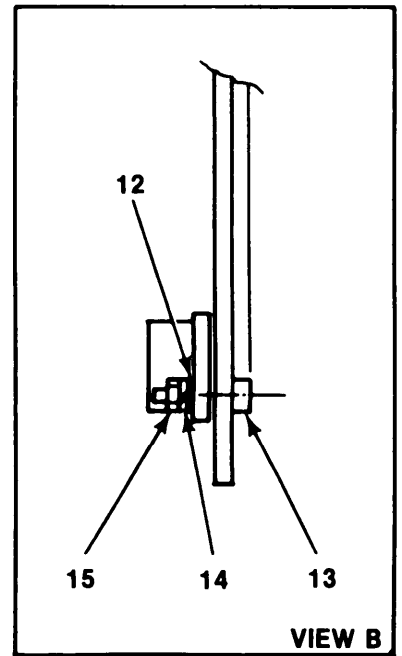
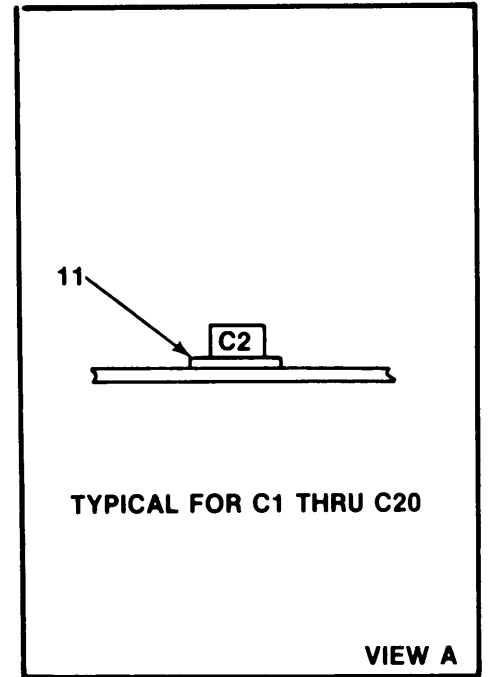
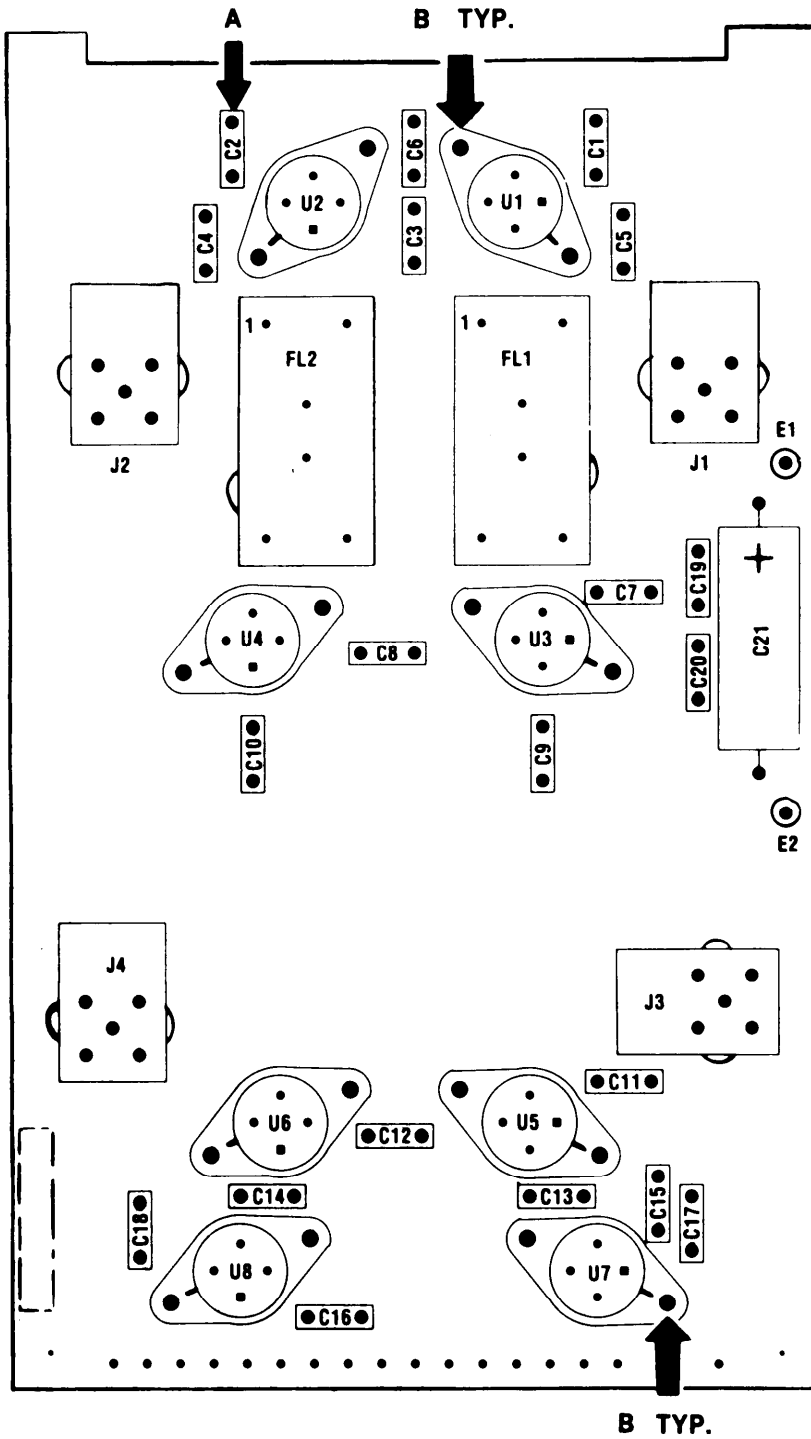


Figure 11. Circuit Card Assembly, IF Amplifier (Sheet 1 of 2)

EL3W0022

LEGEND

REF DES	ITEM NO.
C1	1
C2	1
C3	1
C4	1
C5	2
C6	2
C7	2
C8	2
C9	2
C10	2
C11	2
C12	2
C13	2
C14	2
C15	2
C16	2
C17	2
C18	2
C19	3
C20	4
C21	5
E1	6
E2	6
FL1	7
FL2	7
J1	8
J2	8
J3	8
J4	8
U1	9
U2	9
U3	10
U4	10
U5	10
U6	10
U7	10
U8	10

EL3W0023

Figure 11. Circuit Card Assembly, IF Amplifier (Sheet 2 of 2)

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION					DESCRIPTION		QTY
(A)	(B)	NATIONAL					INC
FIG	ITEM	STOCK	FSCM	PART		USABLE ON CODE	IN
NO	NO	NUMBER		NUMBER		U/M	UNIT
					GROUP 010702 CIRCUIT CARD ASSEMBLY, IF AMPLIFIER (1A11A1)		
11	1	PADZZ 5910-00-098-8670	81349	M39014/01-1499	CAPACITOR, FIXED, CER	EA	4
11	2	PADZZ 5910-00-113-5278	81349	M39014/01-1587	CAPACITOR, FIXED, CER	EA	14
11	3	PADZZ 5910-00-113-5445	81349	M39014/01-1259	CAPACITOR, FIXED, CER	EA	1
11	4	PADZZ 5910-01-052-9820	81349	M39014/01-1513	CAPACITOR, FIXED, CER	EA	1
11	5	PADZZ 5910-00-144-4383	81349	M39003/01-3026	CAPACITOR, FIXED, ELE	EA	1
11	6	XBDZZ		2085-2 HOT DIP S 71279 OLDER	TERMINAL STUD	EA	2
11	7	PADZZ 5915-01-148-3352	29971	K035-10	FILTER, LOWPASS SET	EA	2
11	8	PADZZ 5935-00-775-2644	98291	50-053-0000	CONNECTOR, RECEPTACL	EA	4
11	9	PADZZ 5962-01-153-2471	24539	SF7-0697/883B	MICROCIRCUIT, LINEAR	EA	2
11	10	PADZZ 5962-01-153-2472	80063	SM-C-920662	MICROCIRCUIT, LINEAR	EA	6
11	11	XBDZZ		80063 SM-C-920430	SPACER	EA	20
11	12	PADZZ 5310-00-804-0141	96906	MS15795-801	WASHER, FLAT	EA	16
11	13	PADZZ 5305-00-057-3800	80205	NAS1635-00-6	SCREW, MACHINE	EA	16
11	14	PADZZ 5310-00-676-8061	73682	332060-1	WASHER, LOCK	EA	16
11	15	PADZZ 5310-00-105-4086	96906	MS35650-314	NUT, PLAIN, HEXAGON	EA	16

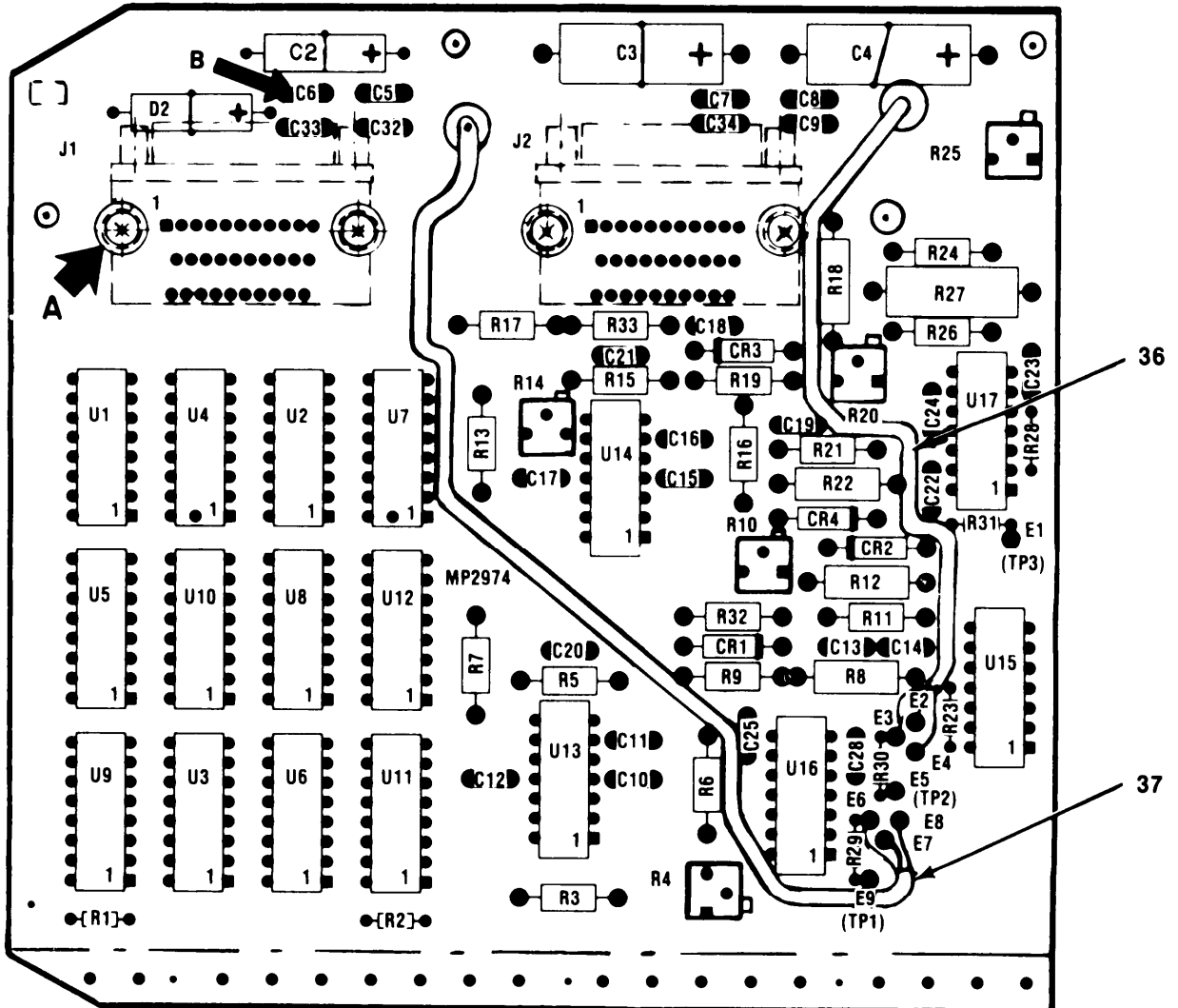
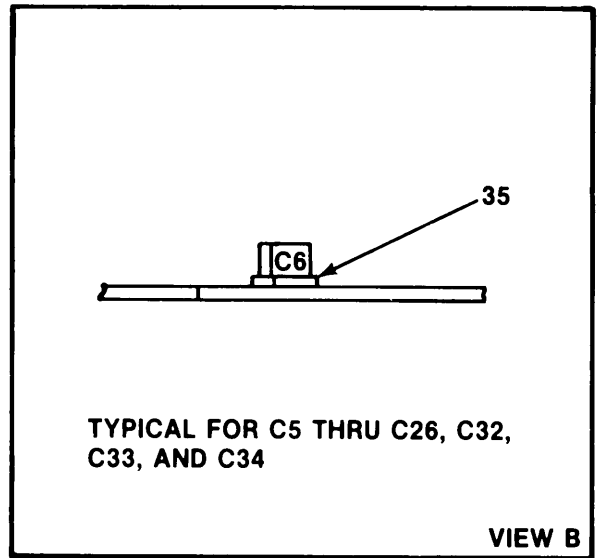
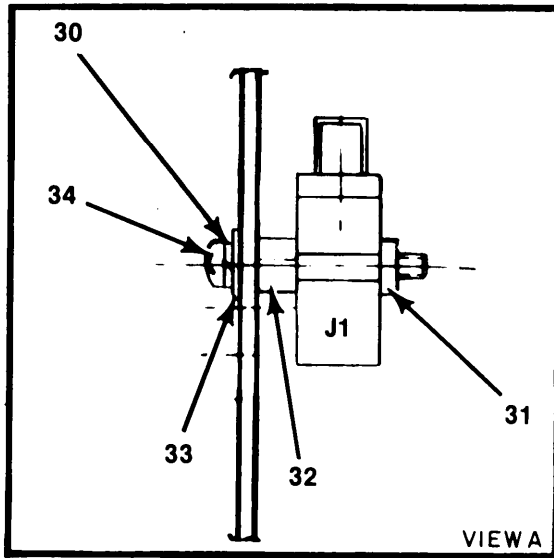


Figure 12. Circuit Card Assembly, VCO-AGC-D/A (Sheet 1 of 2)

EL3WO024

LEGEND

REF DES	ITEM NO.	REF DES	ITEM NO.	REF DES	ITEM NO.
C1	1	E1	8	R22	16
C2	1	E2	8	R23	10
C3	2	E3	8	R24	19
C4	2	E4	8	R25	12
C5	3	E5	8	R26	20
C6	3	E6	8	R27	21
C7	3	E7	8	R28	22
C8	3	E8	8	R29	10
C9	4	E9	8	R30	10
C10	4			R31	10
C11	4	J1	9	R32	15
C12	4	J2	9	R33	15
C13	4				
C14	4	R1	10	U1	23
C15	4	R2	10	U2	23
C16	4	R3	11	U3	24
C17	4	R4	12	U4	24
C18	4	R5	13	U5	24
C19	4	R6	14	U6	24
C20	5	R7	15	U7	24
C21	5	R8	16	U8	24
C22	6	R9	17	U9	25
C23	4	R10	18	U10	25
C24	4	R11	17	U11	25
C25	4	R12	16	U12	25
C26	4	R13	11	U13	26
C32	4	R14	12	U14	26
C33	4	R15	13	U15	27
C34	4	R16	14	U16	28
		R17	15	U17	29
CR1	7	R18	16		
CR2	7	R19	17		
CR3	7	R20	18		
CR4	7	R21	17		

EL3W0025

Figure 12. Circuit Card Assembly, VCO-AGC-D/A (Sheet 2 of 2)



SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION					DESCRIPTION		QTY		
(A)	(B)	NATIONAL	FSCM	PART		USABLE ON CODE	U/M	INC	
FIG	ITEM	STOCK		NUMBER				IN	
NO	NO	NUMBER						UNIT	
					GROUP 010703 CIRCUIT CARD ASSEMBLY, VCO-AGC-D/A (1A11A2)				
12	1	PADZZ 5910-00-007-3974	81349	M39003/01-2991	CAPACITOR, FIXED, ELE		EA	2	
12	2	PADZZ 5910-00-144-4383	81349	M39003/01-3026	CAPACITOR, FIXED, ELE		EA	2	
12	3	PADZZ 5910-00-113-5445	81349	M39014/01-1259	CAPACITOR, FIXED, CER		EA	4	
12	4	PADZZ 5910-01-052-9820	81349	M39014/01-1513	CAPACITOR, FIXED, CER		EA	18	
12	5	PADZZ 5910-00-114-0225	81349	M39014/01-1327	CAPACITOR, FIXED, CER		EA	2	
12	6	PADZZ 5910-00-096-4644	81349	M39014/01-1330	CAPACITOR, FIXED, CER		EA	1	
12	7	PADZZ 5961-00-104-1398	81349	JANTXIN751A	SEMICONDUCTOR DEVIC		EA	4	
12	8	XBDZZ		2085-3 HOT DIP S OLDER	TERMINAL STUD		EA	9	
			71279						
12	9	PADZZ	71468	MDM96519-26	CONNECTOR, RECEPTACL		EA	2	
12	10	PADZZ 5905-00-458-9500	81349	RCR05G102JS	RESISTOR, FIXED, COMP		EA	6	
12	11	PADZZ 5905-00-481-8456	81349	RNC55H4021FS	RESISTOR, FIXED, FILM		EA	2	
12	12	PADZZ 5905-01-066-3350	81349	RJR26FP502P	RESISTOR, VARIABLE, N		EA	3	
12	13	PADZZ 5905-00-138-7399	81349	RNC55H5111FS	RESISTOR, FIXED, FILM		EA	2	
12	14	PADZZ 5905-00-481-8453	81349	RNC55H2051FS	RESISTOR, FIXED, FILM		EA	2	
12	15	PADZZ 5905-00-008-6888	81349	RNC55H7872FS	RESISTOR, FIXED, FILM		EA	4	
12	16	PADZZ 5905-00-111-4742	81349	RCR20G391JS	RESISTOR, FIXED, COMP		EA	4	
12	17	PADZZ 5905-00-139-1928	81349	RNC55H7500FS	RESISTOR, FIXED, FILM		EA	4	
12	18	PADZZ 5905-01-085-6106	81349	RJR26FP501P	RESISTOR, VARIABLE, N		EA	2	
12	19	PADZZ 5905-00-481-8454	81349	RNC55H2151FS	RESISTOR, FIXED, FILM		EA	1	
12	20	PADZZ 5905-00-138-3376	81349	RNC55H1001FS	RESISTOR, FIXED, FILM		EA	1	
12	21	PADZZ 5905-00-180-2810	81349	RNC65H1541FS	RESISTOR, FIXED, FILM		EA	1	
12	22	PADZZ 5905-00-761-5758	81349	RCR05G471JS	RESISTOR, FIXED, COMP		EA	1	
12	23	PGDZZ 5962-00-584-3996	81349	M38510/10404BEB	MICROCIRCUIT, LINEAR		EA	2	
12	24	PGDZZ 5962-01-043-3940	81349	M38510/30106BEB	MICROCIRCUIT, DIGITA		EA	2	
12	25	PADZZ 5962-01-149-4302	50507	MN90321	MICROCIRCUIT, DIGITA		EA	4	
12	26	PADZZ	81349	LM118D/883B	MICROCIRCUIT		EA	2	
12	27	PADZZ 5962-01-149-9433	50507	MN90276	MICROCIRCUIT, LINEAR		EA	1	
12	28	PGDZZ 5962-00-007-4079	81349	M38510/10102BCB	MICROCIRCUIT, LINEAR		EA	1	
12	29	PGDZZ 5962-01-024-3693	81349	M38510/10103BCB	MICROCIRCUIT, LINEAR		EA	1	
12	30	PGDZZ 5310-00-928-2690	96906	MS35338-134	WASHER, LOCK		EA	4	
12	31	XBDZZ	80063	SM-B-920279	STRAP, RETAINING		EA	2	
12	32	XBDZZ	06540	9207-A-091-17	SPACER, SLEEVE		EA	4	
12	33	PADZZ 5310-00-043-4708	80205	NAS620C2	WASHER, FLAT		EA	4	
12	34	PADZZ 5305-00-054-5643	96906	MS51957-9	SCREW, MACHINE		EA	4	
12	35	XBDZZ	80063	SM-C-920430	SPACER		EA	25	
12	36	XBDZZ	80063	SM-C-920173-2	CABLE ASSY, PWR ELEC		EA	1	

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION					DESCRIPTION		QTY	
(A)	(B)						INC	
FIG	ITEM	SMR	NATIONAL	FSCM	FART	USABLE ON CODE	U/M	
NO	NO	CODE	STOCK		NUMBER		IN	
			NUMBER				UNIT	
12	37	XBDZZ		80063	SM-C-920173-1	CABLE ASSY,PWR ELEC	EA	1

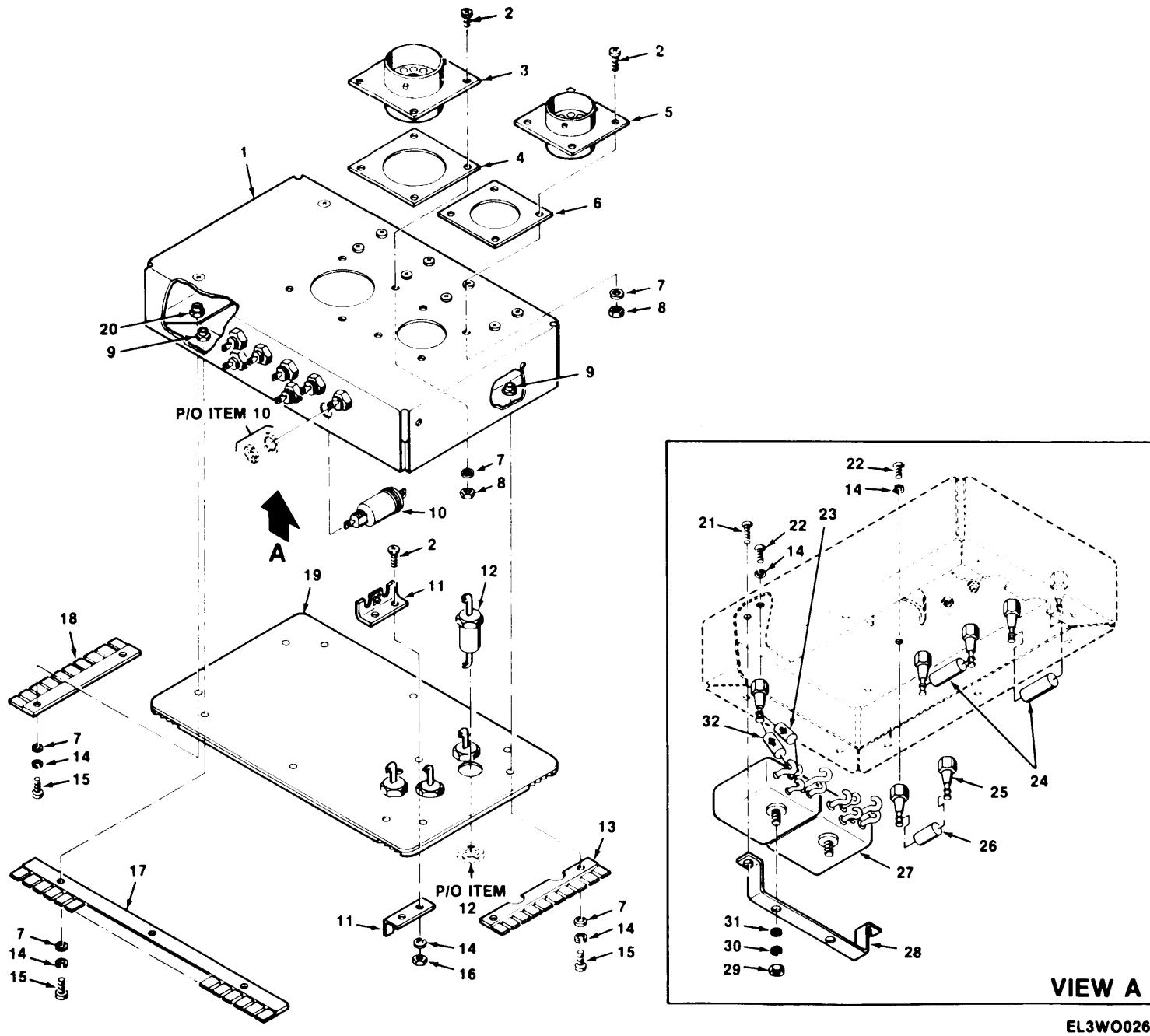


Figure 13

SECTION II				TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION					DESCRIPTION		QTY		
(A)	(B)	NATIONAL		FART			INC		
FIG	ITEM	STOCK	FSCM	NUMBER		USABLE ON CODE	U/M	IN	UNIT
NO	NO	NUMBER							
GROUP 0110 FILTER ASSEMBLY (1A14)									
13	1	XBDZZ		80063	SM-D-919886			EA	1
13	2	PADZZ	5305-00-054-5649	96906	MS51957-15			EA	10
13	3	PADZZ	5935-01-092-2920	96906	MS27472T16B6P			EA	2
13	4	PADZZ	5999-01-104-6180	12881	07-0501-0016			EA	1
13	5	PADZZ	5935-01-107-8860	96906	MS27472T14B15P			EA	1
13	6	PADZZ	5330-00-189-9424	12881	07-0501-0014			EA	1
13	7	PADZZ	5310-00-782-1349	96906	MS15795-804			EA	18
13	8	PADZZ	5310-00-982-4999	96906	MS21044C04			EA	8
13	9	PADZZ	5310-00-420-6065	42498	NCN-6-2-050-2			EA	10
13	10	PADZZ		81349	M15733/25-0010			EA	8
13	11	XBDZZ		80063	SM-B-920165			EA	2
13	12	PADZZ	5915-01-118-0384	81349	M15733/61-0004			EA	4
13	13	XBDZZ		80063	SM-C-920164-1			EA	1
13	14	PADZZ	5310-00-933-8118	96906	MS35338-135			EA	4
13	15	PADZZ	5305-00-054-5647	96906	MS51957-13			EA	10
13	16	PADZZ	5310-00-934-9748	96906	MS35649-244			EA	2
13	17	XBDZZ		80063	SM-C-920164-3			EA	1
13	18	XBDZZ		80063	SM-C-920164-2			EA	1
13	19	XBDZZ		80063	SM-C-919887			EA	1
13	20	PADZZ		81349	MIL-N-45938/7-1			EA	1
13	21	PADZZ	5305-00-993-9189	96906	MS24693C2			EA	2
13	22	PADZZ	5305-00-763-6009	96906	MS24693C1			EA	9
13	23	PADZZ	5961-00-499-7249	81349	JANTXIN4965			EA	1
13	24	PADZZ	5905-00-410-3901	81349	RCR32G8R2JR			EA	2
13	25	PADZZ	5940-00-082-5054	81349	SE205D01			EA	9
13	26	PADZZ	5961-00-172-4970	81349	JANTXIN5555			EA	1
13	27	PADZZ	5945-01-149-5128	35344	JC-X2A-014			EA	2
13	28	XBDZZ		80063	SM-B-919888			EA	1
13	29	PADZZ	5310-00-934-9761	96906	MS35649-264			EA	2
13	30	PADZZ	5310-00-929-6395	96906	MS35338-136			EA	2
13	31	PADZZ	5310-00-880-5976	96906	MS15795-806			EA	2
13	32	PADZZ	5961-01-011-9100	81349	JANTXIN649-1			EA	1

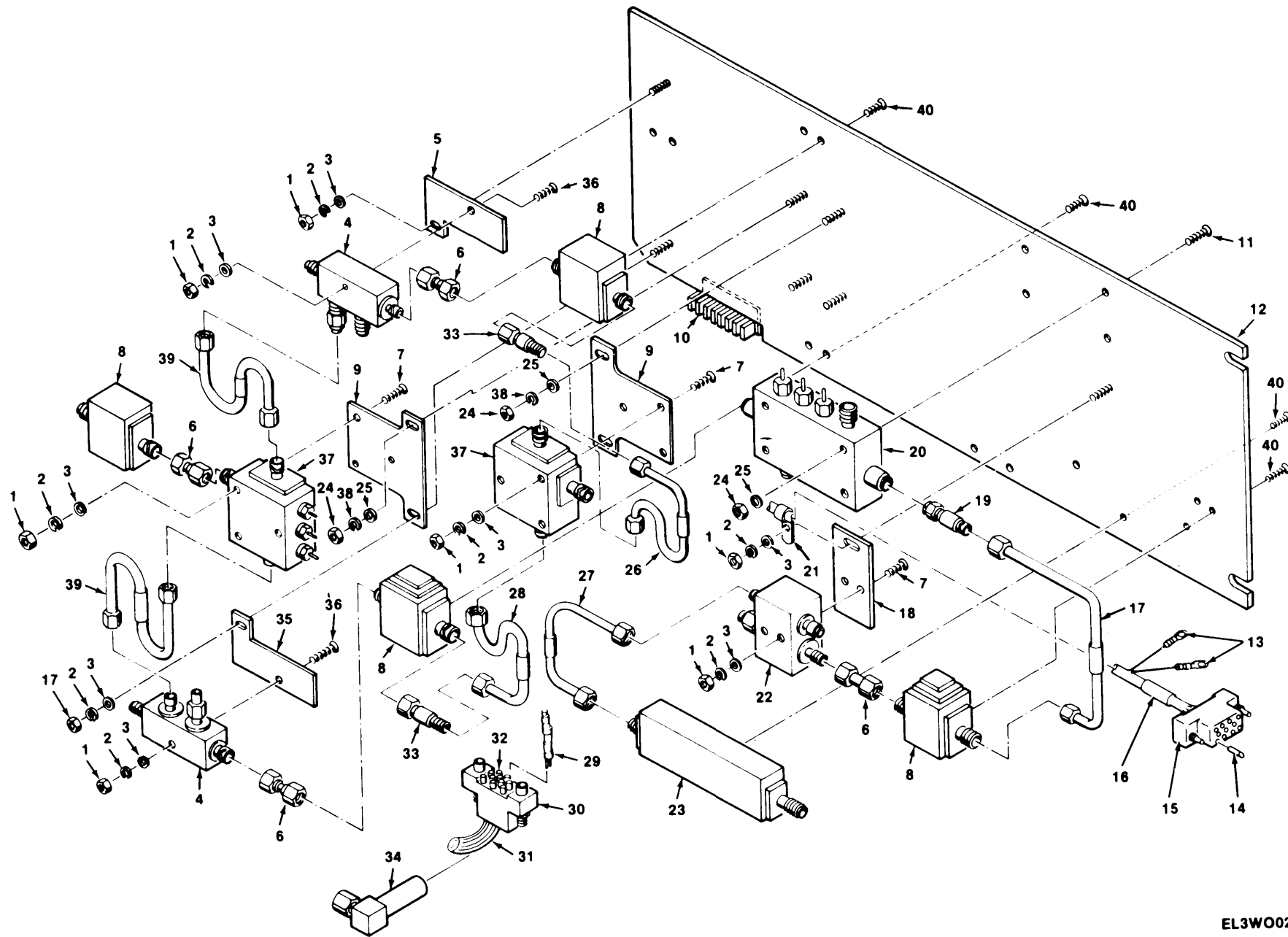
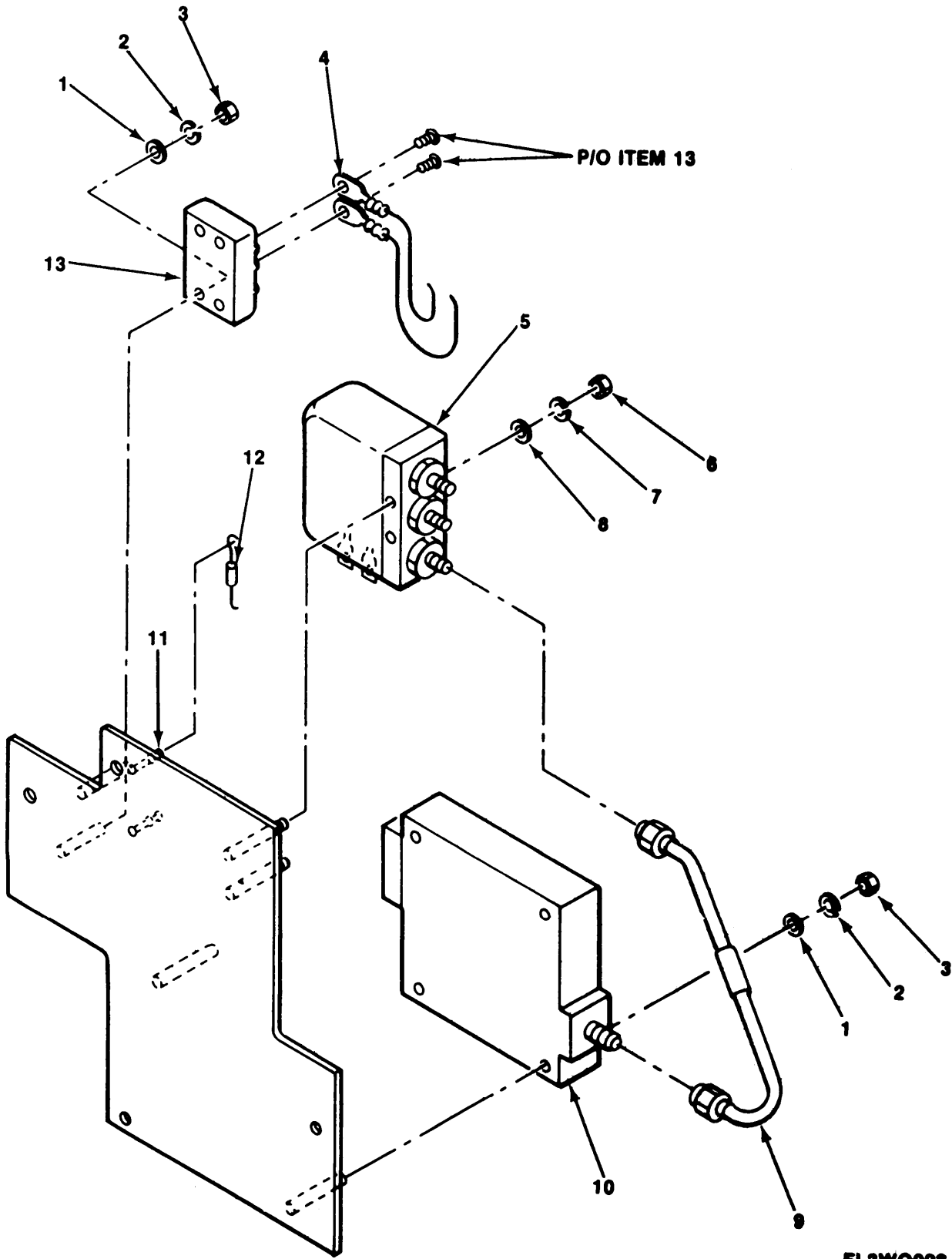


Figure 14. RF Tray Assembly

EL3WO027

SECTION II				TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			
ILLUSTRATION					DESCRIPTION		QTY			
(A)	(B)	NATIONAL	FSCM	FART		USABLE ON CODE	U/M	INC		
FIG	ITEM	STOCK		NUMBER				IN		
NO	NO	NUMBER						UNIT		
GROUP 0111 RF TRAY ASSEMBLY (1A13)										
14	1	PADZZ	5310-00-938-2013	96906	MS35649-224			EA	13	
14	2	PADZZ	5310-00-928-2690	96906	MS35338-134			EA	13	
14	3	PADZZ	5310-00-595-6761	96906	MS15795-802			EA	13	
14	4	PADZZ	5985-01-148-3399	80063	SM-A-919715			EA	2	
14	5	XBOZZ		80063	SM-B-919890-1			EA	1	
14	6	PADZZ	5935-00-394-1018	26805	2081-0000-02			EA	4	
14	7	PADZZ	5305-00-064-6351	80205	NAS662C2R-10			EA	2	
14	8	PADZZ	5985-01-146-1340	80063	SM-A-919696			EA	4	
14	9	XBOZZ		80063	SM-B-919892			EA	2	
14	10	PADZZ	5325-00-783-4754	96906	MS21266-SN			EA	2	
14	11	PADZZ	5305-00-908-2829	96906	MS24693-C8			EA	4	
14	12	XBDZZ		80063	SM-D-920420			EA	1	
14	13	PADZZ	5940-00-723-4929	96906	MS17182-2			EA	2	
14	14	PADZZ	5999-00-003-8958	95238	2500-S2A22			EA	11	
14	15	PADZZ	5935-01-149-6981	95238	MMM11SSL			EA	1	
14	16	XADZZ		80063	SM-C-920331-60			EA	1	
14	17	XBDZZ		80063	SM-B-919962			EA	1	
14	18	XBDZZ		80063	SM-A-919891			EA	1	
14	19	PADZZ		80063	SM-A-919698			EA	1	
14	20	PADZZ	5865-01-118-7298	80063	SM-A-919694			EA	1	
14	21	XBDZZ		80063	SM-C-920478-5			EA	1	
14	22	PADZZ		80063	SM-A-919713			EA	1	
14	23	PADZZ	5915-01-148-3914	80063	SM-A-919709			EA	1	
14	24	PADZZ	5310-00-934-9748	96906	MS35649-244			EA	8	
14	25	PADZZ	5310-00-782-1349	96906	MS15795-804			EA	8	
14	26	XBDZZ		80063	SM-C-920416			EA	1	
14	27	XBDZZ		80063	SM-B-919951			EA	1	
14	28	XBDZZ		80063	SM-B-920413			EA	1	
14	29	PADZZ	5940-01-045-5826	06090	D-133-01			EA	1	
14	30	PADZZ	5935-00-243-8464	95238	MMM18PS			EA	1	
14	31	XBDDD		80063	SM-B-920414			EA	1	
14	32	PADZZ	5999-00-762-9150	95238	2500-P2A22-61			EA	18	
14	33	PADZZ		80063	SM-A-919717-1			EA	1	
14	33	PADZZ		80063	SM-A-919717-2			EA	1	
14	33	PADZZ	5985-01-164-8685	80063	SM-A-919717-3			EA	1	
14	33	PADZZ		80063	SM-A-919717-4			EA	1	
14	33	PADZZ		80063	SM-A-919717-5			EA	1	
14	34	PADZZ	5935-01-026-8530	81349	M39012/75-0004			EA	1	
14	35	XBDZZ		80063	SM-B-919890-2			EA	1	

SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION					DESCRIPTION		QTY		
(A)	(B)	NATIONAL		FART			INC		
FIG	ITEM	STOCK	FSCM	NUMBER		USABLE ON CODE	IN		
NO	NO	NUMBER				U/M	UNIT		
14	36	PADZZ 5305-00-942-2225	80205	NAS662C2R-11	SCREW, MACHINE	EA	8		
14	37	PADZZ 5985-01-149-6555	80063	SM-A-919711	DIODE SWITCH	EA	2		
14	38	PADZZ 5310-00-933-8118	96906	MS35338-135	WASHER, LOCK	EA	4		
14	39	XBDZZ	80063	SM-B-919949	CABLE ASSY, RF	EA	2		
14	40	PADZZ 5305-00-866-2295	03640	6079032	SCREW, MACHINE	EA	11		

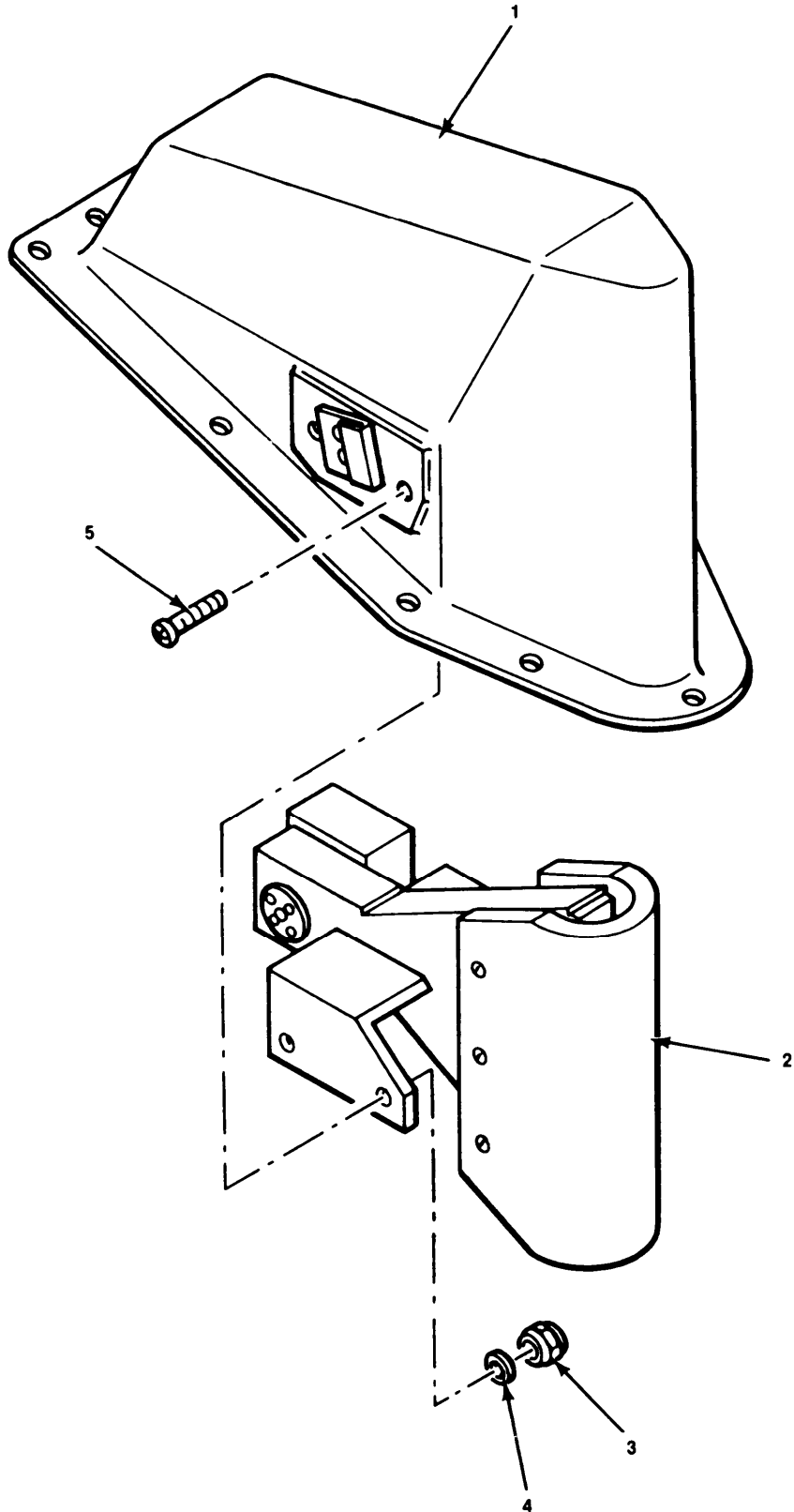


EL3WO028

Figure 15. BITE Assembly, RF



SECTION II		TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION					DESCRIPTION		QTY
(A)	(B)	NATIONAL		FART			INC
FIG	ITEM	STOCK	FSCM	NUMBER		USABLE ON CODE	IN
NO	NO	NUMBER				U/M	UNIT
GROUP 0112 BITE ASSEMBLY, RF (1A15)							
15	1	PADZZ	5310-00-057-0573	80205	NAS620C4	WASHER, FLAT	EA 4
15	2	PADZZ	5310-00-933-8118	96906	MS35338-135	WASHER, LOCK	EA 4
15	3	PADZZ	5310-00-208-3786	82577	717899-038	NUT, PLAIN, HEXAGON	EA 4
15	4	PADZZ	5940-00-723-4929	96906	MS17182-2	TERMINAL, LUG	EA 2
15	5	PADZZ	5985-01-043-0781	81349	M3928/15-01	SWITCH, RF CCAXIAL	EA 1
15	6	PADZZ	5310-00-812-4294	80205	NAS671C2	NUT, PLAIN, HEXAGON	EA 2
15	7	PADZZ	5310-00-928-2690	96906	MS35338-134	WASHER, LOCK	EA 2
15	8	PADZZ		13499	310-0470-080	WASHER, FLAT	EA 2
15	9	PAFZZ		80063	SM-B-920397	CABLE ASSY, RF	EA 1
15	10	PADZZ		99899	MODEL26856	OSCILLATOR, SWITCHED	EA 1
15	11	PADZZ	5940-00-051-6257	81349	SE079B01	TERMINAL, STUD	EA 2
15	12	PADZZ	5961-01-011-9100	81349	JANTX1N649-1	SEMICONDUCTOR DEVIC	EA 1
15	13	PADZZ		81349	43TE2	TERMINAL BOARD	EA 1



EL3WO029

Figure 16. Antenna AS-3007 /ALQ-136 (V)

SECTION II				TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION					DESCRIPTION		QTY
(A)	(B)	NATIONAL		FART			INC
FIG	ITEM	STOCK		NUMBER		USABLE ON CODE	IN
NO	NO	NUMBER	FSCM	NUMBER		U/M	UNIT
GROUP 02 ANTENNA AS-3007/ALQ-136(V)							
16	1	PADZZ	80063	SM-C-991218	RADOME ASSEMBLY	EA	1
16	2	PADZZ	80063	SM-C-991211	ANTENNA SUBASSEMBLY	EA	1
16	3	PADZZ	5310-00-982-6814	96906	MS21044C08	EA	4
16	4	PADZZ	5310-00-880-5978	96906	MS15795-807	EA	4
16	5	PROZZ	5305-00-891-1775	88044	AN525-832B10	EA	4

SECTION II				TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION					DESCRIPTION		QTY
(A)	(B)	NATIONAL					INC
FIG	ITEM	STOCK	FSCM	PART		USABLE ON CODE	IN
NO	NO	NUMBER		NUMBER		U/M	UNIT
					GROUP 00 BULK MATERIALS		
BULK	PAFZZ		30817	97-555-G	GASKET, RF		FT V

## **SECTION IV. NATIONAL STOCK NUMBER AND PART NUMBER INDEX**

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX.

STOCK NUMBER	NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
5999-00-003-8958	2	123	5910-00-113-5490	6	8
5999-00-003-8958	14	14	5910-00-113-5610	8	4
5905-00-004-6110	6	21	5910-00-113-8994	5	14
5905-00-005-2694	8	16	5910-00-114-0225	12	5
5905-00-005-2883	8	27	5905-00-121-9922	10	22
5905-00-005-2883	10	16	5910-00-124-0659	5	13
5905-00-006-5571	5	20	5905-00-131-1255	6	34
5910-00-007-2003	3	1	5905-00-135-3975	3	5
5910-00-007-2003	4	4	5999-00-137-5066	5	17
5910-00-007-2003	5	5	5999-00-137-5066	2	126
5910-00-007-2003	6	6	5905-00-138-3361	5	27
5910-00-007-2003	8	2	5905-00-138-3376	12	20
5910-00-007-2004	8	6	5905-00-138-7397	5	21
5910-00-007-3974	8	1	5905-00-138-7399	6	31
5910-00-007-3974	10	4	5905-00-138-7399	12	13
5910-00-007-3974	12	1	5905-00-138-7401	5	39
5962-00-007-4079	12	28	5905-00-138-7401	6	32
5905-00-008-6888	12	15	5905-00-139-1920	10	15
5910-00-010-8159	5	10	5905-00-139-1926	5	26
5910-00-010-8666	10	3	5905-00-139-1928	12	17
5910-00-010-8717	5	6	5905-00-141-0720	8	21
5310-00-043-4708	7	17	5940-00-143-4780	2	103
5310-00-043-4708	9	18	5910-00-144-4381	8	3
5310-00-043-4708	10	42	5910-00-144-4381	10	6
5310-00-043-4708	12	33	5910-00-144-4383	11	5
5940-00-051-6257	9	2	5910-00-144-4383	12	2
5940-00-051-6257	15	11	5905-00-146-4593	5	18
5305-00-054-5637	9	19	5905-00-151-4659	6	29
5305-00-054-5643	2	48	5905-00-153-2802	8	12
5305-00-054-5643	10	43	5935-00-159-0131	2	127
5305-00-054-5643	12	34	5961-00-172-4970	13	26
5305-00-054-5647	2	16	5310-00-176-6341	9	24
5305-00-054-5647	13	15	5905-00-180-2810	12	21
5305-00-054-5648	2	7	5905-00-189-0746	8	28
5305-00-054-5648	9	8	5330-00-189-9424	13	6
5305-00-054-5649	2	84	5935-00-196-6829	2	85
5305-00-054-5649	3	30	5905-00-197-0224	10	18
5305-00-054-5649	4	26	5962-00-197-3557	6	38
5305-00-054-5649	5	68	5905-00-203-5377	5	43
5305-00-054-5649	13	2	5935-00-205-8958	2	112
5305-00-054-5651	2	74	5310-00-208-3786	3	26
5305-00-054-5653	7	22	5310-00-208-3786	4	29
5305-00-054-5653	9	17	5310-00-208-3786	15	3
5305-00-054-5655	2	81	5905-00-211-0488	6	11
5305-00-054-6650	2	86	5905-00-219-8638	5	42
5305-00-054-6651	2	59	5905-00-219-8638	5	46
5305-00-054-6652	2	4	5905-00-223-2741	10	14
5305-00-054-6652	2	87	5305-00-225-6400	7	10
5305-00-054-6655	2	34	5905-00-233-4531	8	13
5305-00-054-6655	9	14	5905-00-233-4531	10	20
5310-00-057-0573	3	25	5905-00-236-0494	5	35
5310-00-057-0573	4	24	5905-00-236-0504	8	23
5310-00-057-0573	5	65	5905-00-236-0868	6	25
5310-00-057-0573	6	44	5961-00-240-2805	8	9
5310-00-057-0573	15	1	5935-00-243-8464	14	30
5305-00-057-3800	11	13	6645-00-255-1369	2	79
5305-00-059-3660	2	38	5905-00-256-5030	6	24
5305-00-064-6351	14	7	5905-00-256-5051	5	40
5940-00-082-5054	13	25	5905-00-257-9410	5	19
5910-00-096-4644	12	6	5905-00-285-1633	5	31
5910-00-098-8670	11	1	5905-00-289-6175	6	20
5961-00-104-1398	12	7	5905-00-292-1064	5	45
5961-00-104-1399	10	7	5905-00-305-5225	5	34
5310-00-105-4086	11	15	5310-00-310-6160	7	18
5905-00-105-7764	3	4	5962-00-318-2223	10	27
5905-00-105-7764	5	16	5962-00-350-8418	10	35
5905-00-105-7764	6	36		5	25
5905-00-106-3666	6	35	5962-00-369-7621	4	22
5905-00-107-0656	6	33	5962-00-369-7706	10	26
5905-00-110-7620	5	50	5935-00-394-1018	14	6
5905-00-111-4742	12	16	5962-00-396-2587	6	37
5905-00-112-1233	5	38	5962-00-396-2587	10	32
5910-00-113-5278	11	2	5905-00-401-7436	6	28
5910-00-113-5445	5	7	5905-00-402-1399	6	27
5910-00-113-5445	10	5	5905-00-403-4456	5	24
5910-00-113-5445	11	3	5905-00-403-4456	8	17
5910-00-113-5445	12	3	5905-00-410-3901	13	24
5910-00-113-5490	3	3	5935-00-410-9251	2	135
5910-00-113-5490	4	6	5310-00-420-0551	2	5
5910-00-113-5490	5	8	5310-00-420-0551	2	14

NATIONAL STOCK NUMBER AND PART NUMBER INDEX					
STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
5310-00-420-6065	13	9	5905-00-828-2416	6	10
5961-00-421-8969	8	8	5910-00-829-3304	8	7
5935-00-425-2155	2	132	5310-00-834-7420	2	35
5905-00-431-5147	6	12	5307-00-857-6213	7	25
5905-00-431-5155	5	37	5961-00-862-8738	4	8
5905-00-431-5156	5	22	5305-00-866-2295	7	14
5905-00-432-6343	10	10	5305-00-866-2295	9	6
5905-00-433-1853	10	12	5305-00-866-2295	14	40
5905-00-452-0714	5	41	5940-00-872-0888	2	125
5905-00-458-9263	8	26	5310-00-873-3195	7	9
5905-00-458-9346	9	3	5310-00-880-5976	2	2
5905-00-458-9500	10	17	5310-00-880-5976	13	31
5905-00-458-9500	12	10	5310-00-880-5978	16	4
5905-00-459-2793	6	13	5305-00-891-1775	16	5
5905-00-462-5635	8	22	5305-00-908-2829	14	11
5935-00-465-4378	2	133	5310-00-928-2690	2	8
5905-00-466-1218	10	21	5310-00-928-2690	10	41
5905-00-471-5640	5	29	5310-00-928-2690	12	30
5905-00-472-1047	6	15	5310-00-928-2690	14	2
5905-00-476-4689	8	15	5310-00-928-2690	15	7
5905-00-480-4023	5	32	5310-00-929-6395	2	3
5905-00-480-4023	5	51	5310-00-929-6395	13	30
5905-00-480-4023	8	14	5310-00-933-8118	2	15
5905-00-481-1110	10	11	5310-00-933-8118	3	24
5905-00-481-1403	5	48	5310-00-933-8118	3	27
5905-00-481-8453	12	14	5310-00-933-8118	4	23
5905-00-481-8454	12	19	5310-00-933-8118	4	28
5905-00-481-8455	5	23	5310-00-933-8118	5	64
5905-00-481-8456	6	26	5310-00-933-8118	5	66
5905-00-481-8456	12	11	5310-00-933-8118	6	45
5905-00-482-0732	5	49	5310-00-933-8118	7	5
5905-00-482-0732	6	23	5310-00-933-8118	9	9
5905-00-482-0732	8	17	5310-00-933-8118	13	14
5905-00-484-7874	6	14	5310-00-933-8118	14	38
5905-00-484-7879	6	18	5310-00-933-8118	15	2
5905-00-484-7880	5	33	5310-00-933-8119	2	37
5905-00-484-7886	8	13	5310-00-933-8120	2	40
5905-00-484-7889	6	22	5910-00-934-2988	10	2
5905-00-491-6386	10	13	5310-00-934-9748	2	22
5910-00-495-0042	5	9	5310-00-934-9748	7	4
5910-00-495-0042	6	9	5310-00-934-9748	13	16
5961-00-499-7249	13	23	5310-00-934-9748	14	24
5305-00-519-6590	2	36	5310-00-934-9759	2	71
5310-00-579-1871	2	39	5310-00-934-9761	2	25
5962-00-584-3996	12	23	5310-00-934-9761	13	29
5310-00-595-6211	2	78	5310-00-938-2013	7	16
5310-00-595-6211	9	23	5310-00-938-2013	14	1
5310-00-595-6761	2	47	5305-00-942-2225	14	36
5310-00-595-6761	14	3			
5310-00-616-3648	7	23	5340-00-950-2764	9	21
5940-00-620-8424	2	98	5325-00-960-2410	2	24
5905-00-629-3101	6	16	5325-00-960-2410	9	27
5310-00-676-8061	11	14	5310-00-982-4999	13	8
5905-00-721-3677	8	14	5310-00-982-6814	16	3
5905-00-721-3680	6	30	5305-00-993-9189	2	21
5905-00-721-3680	8	18	5305-00-993-9189	13	21
5905-00-721-3685	5	28	5962-01-006-0181	6	41
5940-00-723-4929	14	13	5962-01-011-3276	10	24
5940-00-723-4929	15	4	5961-01-011-9100	4	7
5310-00-723-9676	3	28	5961-01-011-9100	13	32
5310-00-723-9676	4	27	5961-01-011-9100	15	2
5310-00-723-9676	5	69	5962-01-015-5998	10	36
5310-00-723-9676	9	10	5962-01-021-5875	5	59
5905-00-758-2973	6	17	5930-01-024-3445	2	32
5905-00-758-4774	5	30	5962-01-024-3693	12	29
5905-00-758-4776	6	19	5915-01-025-7171	7	7
5905-00-758-5011	5	36	5935-01-026-8530	2	109
5905-00-761-5758	12	22		14	34
5999-00-762-9150	14	32	5962-01-027-6863	4	14
5305-00-763-6009	13	22	5962-01-030-2118	10	30
5999-00-764-1923	2	128	5962-01-031-1918	6	40
5935-00-775-2644	11	8	5962-01-031-7030	3	8
5310-00-782-1349	2	9	5962-01-031-7030	4	16
5310-00-782-1349	13	7	5962-01-031-7030	5	60
5310-00-782-1349	14	25	5962-01-033-0751	10	29
5325-00-783-4754	2	23	5962-01-033-5516	10	28
5325-00-783-4754	14	10	5985-01-043-0781	15	5
5310-00-804-0141	11	12	5962-01-043-3940	12	24
5310-00-812-4294	15	6	5940-01-045-5826	2	122
5905-00-828-2416	5	44	5940-01-045-5826	14	29

SECTION IV  
NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
5905-01-047-5172	8	25	5865-01-118-7298	2	49
5962-01-050-5252	4	10	5865-01-118-7298	14	20
5905-01-050-9963	8	20	5865-01-118-7299	2	57
5910-01-052-9820	10	1	5999-01-118-7408	2	28
5910-01-052-9820	11	4	5999-01-118-7410	2	26
5910-01-052-9820	12	4	5999-01-118-7411	2	29
5905-01-062-8637	8	24	5999-01-118-7412	7	19
5905-01-066-0767	3	6	5999-01-118-7413	9	7
5905-01-066-0767	4	9	5999-01-118-7414	9	22
5905-01-066-0767	5	62	5999-01-118-7415	9	1
5905-01-066-3350	10	19	5962-01-119-1286	3	9
5905-01-066-3350	12	12	5962-01-119-1287	4	2
5962-01-066-8393	6	43	5960-01-119-1288	2	43
5905-01-073-5732	8	19	5865-01-119-9262	2	89
5910-01-076-9229	5	12	5865-01-125-0297	1	2
5962-01-082-9853	10	25	5910-01-132-6841	8	5
5905-01-084-6307	4	12	5935-01-135-2628	2	83
5905-01-085-6106	12	18	5985-01-146-1340	9	26
5935-01-088-3437	2	121	5985-01-146-1340	14	8
5962-01-089-1814	3	7	5915-01-148-3352	11	7
5962-01-089-1814	4	13	5985-01-148-3399	14	4
5962-01-089-1814	5	61	5915-01-148-3914	14	23
5962-01-089-1814	6	42	5999-01-148-4958	8	10
5962-01-089-1814	10	33	5995-01-148-5273	7	12
5935-01-092-2920	13	3	5962-01-149-4302	12	25
5935-01-093-5354	2	134	5945-01-149-5128	13	27
5910-01-093-8132	5	11	5985-01-149-6555	14	37
5865-01-100-0380	1	3	5935-01-149-6981	2	136
5962-01-102-3114	4	11	5935-01-149-6981	14	15
5962-01-102-3114	5	58	5935-01-149-6982	2	131
5999-01-104-6180	13	4	5962-01-149-9433	12	27
5962-01-105-5552	4	18	5962-01-150-3908	5	52
5935-01-107-8860	13	5	5865-01-150-5290	2	45
5915-01-118-0384	13	12	5865-01-150-5300	9	15
5962-01-118-7284	3	23	5865-01-150-5351	2	27
5962-01-118-7284	4	1	5962-01-153-2471	11	9
5962-01-118-7284	5	1	5962-01-153-2472	11	10
5962-01-118-7285	5	2	5905-01-155-3704	10	34
5962-01-118-7286	5	3	5935-01-155-6228	2	92
5962-01-118-7287	5	4	5935-01-155-8685	2	93
5962-01-118-7288	6	1	5935-01-157-0560	2	95
5962-01-118-7289	6	2	5985-01-164-8685	2	51
5962-01-118-7290	6	3	5985-01-164-8685	14	33
5962-01-118-7291	6	4	5995-01-167-2270	2	77
5962-01-118-7292	6	5	5995-01-167-2275	2	42
5865-01-118-7293	2	12	5995-01-167-2276	2	52
5962-01-118-7294	8	29	5995-01-167-2277	2	53
5962-01-118-7295	8	30	5995-01-167-2278	2	50
5962-01-118-7296	8	31	5995-01-167-2279	2	44
5865-01-118-7297	2	41	5995-01-167-2280	2	55

FSCM	PART NUMBER	FIGURE NO	ITEM NO	FSCM	PART NUMBER	FIGURE NO	ITEM NO
88044	AN525-832R10	16	5	71468	MDM-31PH89L	2	92
80058	AS-3007/ALQ-136(V)	1	2	71468	MDM96519-26	10	9
80058	C-9576/ALQ	1	3	71468	MDM96519-26	12	9
81349	CM15FD510GP3	10	2	81349	MIL-N-45938/7-1	13	20
06090	D-101-00	2	125	95238	MMM11SSL	2	136
06090	D-133-01	2	122	95238	MMM11SSL	14	15
06090	D-133-01	14	29	95238	MMM18PFS	14	30
21847	DS1388	7	1	95238	MMM18SSL	2	131
14948	D8036	8	10	95238	MMM44SSL	2	130
81349	JANTX1N4965	13	23	50507	MN90276	12	27
81349	JANTX1N5555	13	26	50507	MN90321	12	25
81349	JANTX1N649-1	4	7	50507	MN9622	5	52
81349	JANTX1N649-1	13	32	99899	MODEL26856	15	10
81349	JANTX1N649-1	15	12	96906	MS0035431-4	2	98
81349	JANTX1N751A	12	7	96906	MS15795-801	11	12
81349	JANTX1N753A	10	7	96906	MS15795-802	2	47
81349	JANTX1N9448	8	9	96906	MS15795-802	14	3
81349	JANTX2N3439	4	8	96906	MS15795-803	2	78
35344	JC-X2A-014	13	27	96906	MS15795-803	9	23
29971	K035-10	11	7	96906	MS15795-804	2	9
46384	LAC632-2	7	9	96906	MS15795-804	13	7
81349	LM118D/883B	12	26	96906	MS15795-804	14	25
04713	MC10524L	10	29	96906	MS15795-806	2	2
71468	MDM-31PH87L	2	95	96906	MS15795-806	13	31
71468	MDM-31PH88L	2	93	96906	MS15795-807	16	4









SECTION IV  
 NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM11-5865-202-30P/NAVAIR 16-35ALQ136-4.2

FSCM	PART NUMBER	FIGURE NO.	ITEM NO.	FSCM	PART NUMBER	FIGURE NO.	ITEM NO.
80063	SM-D-920132	2	56	71279	2085-3 HOT DIP SOLDER	12	8
80063	SM-D-920167	2	1	06540	2253-T116	3	29
80063	SM-D-920200	7	19	06540	2253-T116	4	25
80063	SM-D-920201	2	12	06540	2316-T116	5	67
80063	SM-D-920202	9	7	95238	2500-P2A22-61	14	32
80063	SM-D-920203	9	22	95238	2500-S2A22	2	123
80063	SM-D-920204	9	1	95238	2500-S2A22	14	14
80063	SM-D-920207	2	41				
80063	SM-D-920213	2	28	28527	2619501G004	3	23
80063	SM-D-920228	2	26				
80063	SM-D-920230	2	29				
80063	SM-D-920386	2	27	06540	2707-18527-N126	2	75
80063	SM-D-920418	2	45	13499	310-0470-080	15	8
80063	SM-D-920420	14	12	73682	332060-1	11	14
95238	SM29-20PGDFSK-50	2	129	05869	4171306-289	3	5
01295	SNC54368AJ	4	10	05869	4171306-289	5	17
01295	SNJ55461JG	4	18	81349	43TB2	15	13
34148	U5B7710393	10	35	95712	4890-1	2	83
34148	U6B950459X	6	38	98291	50-053-0000	11	8
98230	ONL10159-2	8	8	31550	507377-2	10	24
98291	058-010-0000-228	2	112	96214	537888-1	6	41
12881	06-0302-3457	2	82	86928	5610-19-20	9	16
12881	07-0501-0014	13	6	03640	6079032	7	14
12881	07-0501-0016	13	4	03640	6079032	9	6
00779	1-86256-4	2	127	03640	6079032	14	40
				82577	717899-038	3	26
95987	1/8-2NA	9	21	82577	717899-038	4	29
04713	10525/BEBJC	10	28	82577	717899-038	15	3
72152	15-30-02090	2	77	00779	86016-4	2	128
57693	1626 (FIG 1)	5	57	00779	86256-4	2	121
26805	2081-0000-02	14	6	06540	9207-A-091-17	10	40
71279	2085-2 HOT DIP SOLDER	8	11	06540	9207-A-091-17	12	32
71279	2085-2 HOT DIP SOLDER	11	6	30817	97-555-G	BULK	
71279	2085-3 HOT DIP SOLDER	10	8	06540	9737-SS-0440-7	7	25

LATEST PART NUMBER ASSIGNMENTS

FSCM	PART NUMBER	FIGURE NO.	ITEM NO.
80063	SM-A-919797	4	1
80063	SM-A-919797	5	1
80063	SM-A-919798	3	9
95987	1/8-JNA	9	20

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIGURE NO.	ITEM NO.
5865-01-121-8982	1	1
5865-01-150-5291	2	19

By Order of the Secretaries of the Army and the Navy:

Official

JOHN A. WICKHAM JR.  
*General, United States Army*  
*Chief of Staff*

ROBERT M. JOYCE  
*Major General, United States Army*  
*The Adjutant General*

G.B. SCHICK, JR.  
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TABLE NO.

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# The Metric System and Equivalents

## Linear Measure

1 centimeter = 10 millimeters = .39 inch  
 1 decimeter = 10 centimeters = 3.94 inches  
 1 meter = 10 decimeters = 39.37 inches  
 1 dekameter = 10 meters = 32.8 feet  
 1 hectometer = 10 dekameters = 328.08 feet  
 1 kilometer = 10 hectometers = 3,280.8 feet

## Weights

1 centigram = 10 milligrams = .15 grain  
 1 decigram = 10 centigrams = 1.54 grains  
 1 gram = 10 decigrams = .035 ounce  
 1 dekagram = 10 grams = .35 ounce  
 1 hectogram = 10 dekagrams = 3.52 ounces  
 1 kilogram = 10 hectograms = 2.2 pounds  
 1 quintal = 100 kilograms = 220.46 pounds  
 1 metric ton = 10 quintals = 1.1 short tons

## Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce  
 1 deciliter = 10 centiliters = 3.38 fl. ounces  
 1 liter = 10 deciliters = 33.81 fl. ounces  
 1 dekaliter = 10 liters = 2.64 gallons  
 1 hectoliter = 10 dekaliters = 26.42 gallons  
 1 kiloliter = 10 hectoliters = 264.18 gallons

## Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch  
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches  
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet  
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet  
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres  
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

## Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch  
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches  
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

## Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

## Temperature (Exact)

°F Fahrenheit temperature      5/9 (after subtracting 32)      Celsius temperature      °C

**PIN: 055209-000**