

Raytheon

**Barcode Shipping Label
Specification
Dated 10/25/93**

Raytheon Company would like to acknowledge that Raytheon Barcode Shipping Label Specification dated 10/25/93 incorporates portions of the Electronic Industries Association (EIA) specification EIA-556-A and that portions are incorporated with the permission of the EIA. Copies of the entire EIA-556-A specification may be obtained by contacting

**Electronic Industries Association
2001 Pennsylvania Avenue N.W.
Washington, D.C. 20006**

ADDENDUM

REGARDING RAYTHEON'S BARCODE SHIPPING LABEL SPECIFICATIONS DATED 10/25/93

UNDER SECTION 6; BARCODE DATA FIELDS, PARAGRAPH 6.1.1.2 - SHOULD READ:

**DATA FIELD LENGTH SHALL BE MAXIMUM OF SIXTEEN (16) CHARACTERS.
DASHES SHOULD NOT BE OMITTED FROM THE BARCODE AND THE HUMAN READABLE
INTERPRETATION.**

1. INTRODUCTION

This specification provides the requirements for Raytheon's suppliers for the printing and application of bar coded shipping labels to the exterior of shipping containers. These labels are designed to allow Raytheon to more efficiently receive material, capturing receipt data via bar codes rather than from the manual data entry of packing slips. This specification does not eliminate any other existing packaging or Packaging Information for Vendor (PIV) requirement.

In this document, the word "shall" indicates a mandatory requirement and the word "should" indicates a strong recommendation.

2. DEFINITIONS

See appendix A.

3. FORMAT

Exhibits A and B illustrate Raytheon bar code label format 3S, shipping container label, which shall be used to identify each individual shipping container. Exhibits C and D illustrate Raytheon bar code label format 4S, master pack shipping label, utilized for the shipment of multiple shipping containers of a single purchase order line item. Exhibits E and F illustrate Raytheon bar code label format 5S, mixed load shipping label, utilized when multiple line items of a single purchase order are shipped within a overpack shipping container.

4. USAGE

Listed below are the required bar code labels and their application:

4.1 Shipping Label, Lowest Level, Format 3S

The shipping label shall be applied to each individual shipping container.

4.2 Master Pack Shipping Label, Format 4S

The master pack shipping label shall be used for shipments that require multiple shipping containers to ship a single line item of a single purchase order. The master pack shipping label shall only be applied to the first sequential shipping container in multiple container shipments.

4.3 Mixed Load Label, Format 5S

The mixed load label shall be used when multiple line items of a single purchase order are combined within single or multiple overpack containers.

5. SIZE

The size and dimensions of Raytheon bar code label format 3S, shipping label (lowest level), 4S, master pack shipping label, and 5S mixed load shipping label are specified in exhibit G.

6. BAR CODE DATA FIELDS

Each data field shall be separated by thin border lines and contain its title as illustrated in exhibits A thru F.

6.1 The following data fields are mandatory bar code fields and shall be included on the shipping and master pack labels. Bar code field requirements of the mixed load label are indicated in the applicable section.

6.1.1 Purchase Order Number:

The purchase order number which is assigned by Raytheon. The shipper shall omit the Purchase Order Revision Level (change order number) from the bar code. The purchase order number shall appear on the shipping , master pack, and mixed load labels exactly as it appears on the purchase order. This field is a requirement of the mixed load label, format 5S.

6.1.1.2 Data field length

Data field length shall be a maximum of 15 characters. Dashes shall not be omitted from the bar code and the human readable interpretation.

6.1.2 Purchase Order Line Item Number:

The purchase order line item number identified by the Purchase Order corresponding to the item contained within the shipping container.

6.1.2.1 Data Field Length

Data field length shall be a maximum of 4 characters.

6.1.3 Quantity:

**6.1.3A Quantity - Lowest Level Shipping Container Label,
Format 3S:**

The quantity of the purchase order line item number contained within the shipping container.

6.1.3B Quantity - Master Pack Shipping Label, Format 4S:

The total quantity of the purchase order line item number contained within the multiple shipping containers of a single shipment.

6.1.3.1 Data field length

Data field length shall be a maximum of 7 characters.

6.1.4 Raytheon Part Number:

The part number specified by Raytheon on the purchase order which corresponds to the line item being shipped. The part number shall appear on the shipping and master pack labels exactly as it appears on the purchase order.

6.1.4.1 Data field length

Data field length shall be a maximum of 19 characters.

6.1.5 Supplier Package Identification:

The Supplier Package Identification shall be a non repeatable number assigned by the shipper to uniquely identify the shipment. The supplier package identification number shall not be repeated within a 24 month period. This field is a requirement of the mixed load label, format 5S.

6.1.5.1 Data Field Length

Data field length shall be a maximum of 8 characters.

6.1.6 Package Count:

The package count field shall indicate the total number of shipping containers containing the quantity of the purchase order line item number being shipped.

6.1.6.1 Data Field Length

Data field length shall be a maximum of 3 characters.

6.2 Bar code Size:

The height of the bar code symbols shall be 0.5 inch (13 mm). The minimum height of the human readable interpretation of the bar code symbols shall be 0.2 inch (5 mm).

THIS SPACE LEFT INTENTIONALLY BLANK

7. TEXT ONLY DATA FIELDS:

7.1 Package Count / Unit Load Count:

The package count field on the shipping label, format 3S shall describe the numerical sequence of the shipping container when multiple shipping containers are being used to fulfill the requirements of one purchase order line item. When only one shipping container is required, it should be indicated as 1 of 1. When multiple shipping containers are required, it should be in the form of X of Y, where X is the number of the shipping container and Y is the total number of shipping containers. The unit load count field on the Master pack label, format 4S, is an optional field and may indicate the numerical sequence of individual shipping containers or unit load devices in the form X of Y. The package count field on the mixed load label, format 5S, shall indicate the numerical sequence of shipping containers or unit load devices being used to ship a single purchase order.

7.2 Package Weight:

The total package weight followed by the appropriate unit of measure should be entered in this field. Package weight may be handwritten or stamped in this field if it is not known prior to label generation.

8. TITLES:

Titles are mandatory for all data fields. Titles as presented in exhibits A, C, and E shall be used to identify data fields.

9. DATA IDENTIFIERS:

The below listed data identifiers shall be used for all code 39 bar code symbols. The data identifier shall be enclosed in parenthesis preceding the title of each bar code data field. The data identifier character shall immediately follow the start code character in each code 39 bar code symbol. The following data identifiers shall be used for the respective data fields:

K	Purchase Order Number
L	Purchase Order Line Item Number
Q	Quantity
P	Raytheon Part Number
3S	Supplier Package Identification, Lowest Level Shipping Container
4S	Supplier Package Identification, Master Pack Shipping Label
5S	Supplier Package Identification, Mixed Load Shipping Label
Z	Package Count

10. BAR CODE REQUIREMENTS

10.1 Bar Code Symbology:

All bar code data fields shall use code 39 bar code symbology. The data character set shall contain 43 characters: 0-99, A to Z, -, ., /, +, %, \$, and space.

10.2 Bar Code Density:

The density of the bar code symbol shall be normally 6.90 characters per inch (CPI). The element to width ratio shall be 2.5:1. The exception to the requirement for 6.90 CPI and a 2.5:1 element to width ratio may be in the part number field. If necessary, due to the size of the bar code, the bar code density may be CPI and a 2.0:1 element to width ratio.

The intercharacter gap shall be within the range of 1X to 2X.

10.3 Check Character:

Check Characters shall not be used.

10.4 Quiet Zone:

The minimum clear area immediately preceding and following the bar code shall be 0.17 inch (4.3 mm). If data field size permits, the minimum clear area should be 0.25 inch (6.4 mm).

10.5 Print Quality:

Print quality should be in accordance with ANSI X3.182-1990 Bar Code Print Quality - Guideline. Reflectance and print quality measurements should be met when the label is affixed to the shipping container.

10.6 Reflectance Requirements:

Reflectance requirements shall be met in the 670 nm +/- 10% (visible light) spectral band. It is recommended that reflectance requirements be measured using the ANSI X3.182-1990 methodology.

10.7 Print Quality Level:

A minimum print quality grade level of 1.5/05/670 is required.

11. ENVIRONMENTAL CONSIDERATIONS

11.1 Longevity:

Labels shall continue to be scannable on the package and meet the print quality requirements of this standard for a minimum of six months in a protected environment.

11.2 Protection:

The label material shall be capable of resisting tearing. Label protection against moisture, weathering and abrasion is encouraged. In choosing any protection method, care must be taken to assure that labels meet the requirements of section 10, Bar Code Requirements.

11.3 Application:

Labels shall be applied as to be free from bubbles and foreign matter.

12. LABEL LOCATION:

12.1 General:

Wherever possible, the shipping container label, format 3S should be affixed to the smaller end of the shipping container. Master pack label, format 4S and mixed load label, format 5S, should be affixed to the first sequential shipping container of the first unit load device in a multiple container / device shipment. The following exhibits present examples of bar code label placement and usage:

Exhibit H : Shipping Label, format 3S on a single shipping container.

Exhibit I : Shipping Label, format 3S on multiple shipping containers without unit load integrity.

Exhibit J : Master Pack Label, format 4S, single unit load device.

Exhibit K : Master Pack Label, format 4S, multiple unit load devices.

Exhibit L : Mixed Load Label, format 5S, single unit load device.

Exhibit M : Label locations on various shipping packs

12.2 Obsolete Labels:

Obsolete labels should be removed or covered. When obsolete labels are covered, the print quality of the new label applied over the obsolete label shall meet the requirements of this document.

12.3 Label Placement Guidelines:

If a label cannot be affixed because of a package or container type, shape or other constraints, the label shall be affixed to an attached tag as shown in exhibit N.

**EXHIBIT A
RAYTHEON BAR CODE LABEL FORMAT 3S
SHIPPING LABEL**

A	B
() PURCHASE ORDER NUMBER	C
() PURCHASE ORDER LINE ITEM NUMBER	D
() QUANTITY	E
() RAYTHEON PART NUMBER	F
() SUPPLIER PACKAGE IDENTIFICATION	G
() PACKAGE COUNT	H
PACKAGE COUNT I	PACKAGE WEIGHT J

LEGEND:

A = SHIP FROM ADDRESS
 B = SHIP TO ADDRESS
 C = RAYTHEON PURCHASE ORDER NUMBER
 D = PURCHASE ORDER LINE ITEM NUMBER
 E = QUANTITY

F = SUPPLIER SHIPMENT NUMBER
 G = SHIPMENT NUMBER
 H = PACKAGE COUNT
 I = PACKAGE COUNT
 J = PACKAGE WEIGHT

FROM RAYTHEON SUPPLIER MAIN STREET ANDOVER, MA 01810	TO RAYTHEON COMPANY 350 LOWELL STREET ANDOVER, MA 01810
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(K) PURCHASE ORDER NUMBER 72-X141-F1-0234



(L) PURCHASE ORDER LINE ITEM NUMBER 01



(Q) QUANTITY 100



(P) RAYTHEON PART NUMBER 11456270-001



(3S) SUPPLIER PACKAGE IDENTIFICATION 67546309



(Z) PACKAGE COUNT 01



PACKAGE COUNT 1 OF 1	PACKAGE WEIGHT 15 LBS
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EXHIBIT C
RAYTHEON BAR CODE LABEL FORMAT 4S
MASTER PACK LABEL

MASTER PACK LABEL	
() PURCHASE ORDER NUMBER	C
() PURCHASE ORDER LINE ITEM NUMBER	D
() QUANTITY	E
() RAYTHEON PART NUMBER	F
() SUPPLIER PACKAGE IDENTIFICATION	G
() PACKAGE COUNT	H
UNIT LOAD COUNT I	UNIT LOAD WEIGHT J

LEGEND:

C = RAYTHEON PURCHASE ORDER NUMBER
D = PURCHASE ORDER LINE ITEM NUMBER
E = QUANTITY
F = SUPPLIER SHIPMENT IDENTIFICATION

G = SHIPMENT NUMBER
H = PACKAGE COUNT
I = PACKAGE COUNT
J = PACKAGE WEIGHT

MASTER PACK LABEL

(K) PURCHASE ORDER NUMBER 75-K333-48-0765



(L) PURCHASE ORDER LINE ITEM NUMBER 01



(D) QUANTITY 100



(P) RAYTHEON PART NUMBER 10182004-002



(4S) SUPPLIER PACKAGE IDENTIFICATION 75315985



(Z) PACKAGE COUNT 02



PACKAGE COUNT
X OF Y

PACKAGE WEIGHT

EXHIBIT E
RAYTHEON BAR CODE LABEL FORMAT 5S
MIXED LOAD SHIPPING LABEL

A	B
() PURCHASE ORDER NUMBER	C
() PURCHASE ORDER LINE ITEM NUMBER	
MIXED LOAD	
() QUANTITY	*
() RAYTHEON PART NUMBER	*
() SUPPLIER PACKAGE IDENTIFICATION	
	D
() PACKAGE COUNT	*
PACKAGE COUNT E	PACKAGE WEIGHT F

LEGEND:

A = SHIP FROM ADDRESS

B = SHIP TO ADDRESS

C = RAYTHEON PURCHASE ORDER NUMBER

D = SUPPLIER PACKAGE IDENTIFICATION

E = PACKAGE COUNT

F = PACKAGE WEIGHT

* INDICATES THAT A BARCODE AND HUMAN READABLE INTERPRETATION ARE NOT REQUIRED

FROM	TO
RAYTHEON SUPPLIER	RAYTHEON COMPANY
MAIN STREET	358 LOWELL STREET
ANYTOWN, USA 99999	ANDOVER, MA 01810

(K) PURCHASE ORDER NUMBER **72-0044-31-2351**



(K) PURCHASE ORDER LINE ITEM NUMBER
MIXED LOAD

(Q) QUANTITY

(P) RAYTHEON PART NUMBER

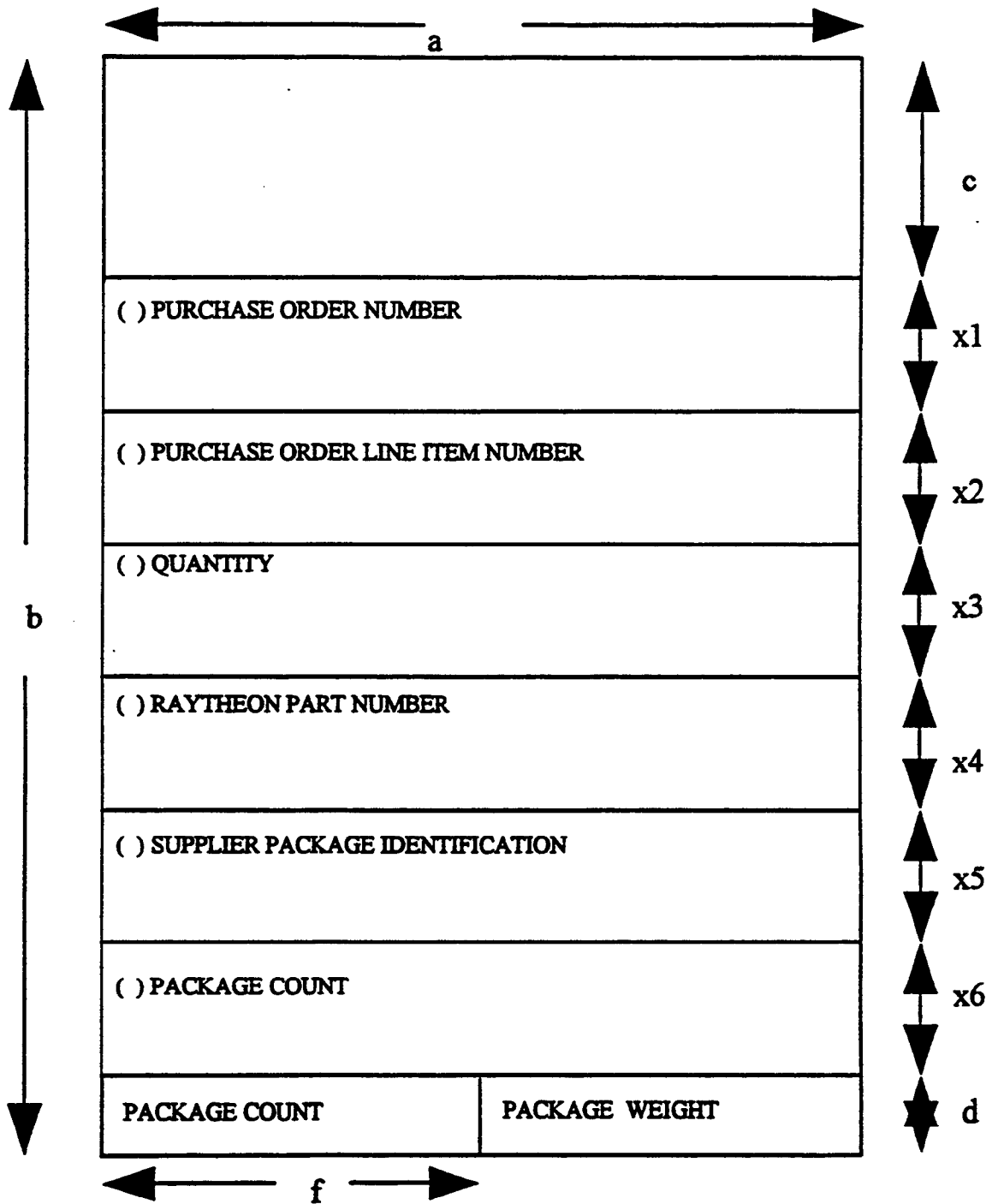
(SS) SUPPLIER PACKAGE IDENTIFICATION **457895**



(Z) PACKAGE COUNT

PACKAGE COUNT 1 OF 1	PACKAGE WEIGHT 100 LBS
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**EXHIBIT G
RAYTHEON BAR CODE LABEL DIMENSIONS**



	PREFERRED	MINIMUM	MAXIMUM
a	4.0 (102 mm)	4.0 (102 mm)	5.0 (127 mm)
b	6.5 (165 mm)	6.5 (165 mm)	6.5 (165 mm)
c	1.3 (33 mm)	1.3 (33 mm)	1.3 (33 mm)
d	0.4 (10 mm)	0.4 (10 mm)	0.4 (10 mm)
e	2.0 (51 mm)	2.0 (51 mm)	2.5 (63 mm)
x 1 thru 6	0.8 (20 mm)	0.8 (20 mm)	0.8 (20 mm)

Dimensions are in inches (mm)

FROM THEON SUPPLIER
MAIN STREET
TOWN, USA 99999

TO RAYTHEON COMPANY
350 LOWELL STREET
ANDOVER, MA 01810

PURCHASE ORDER NUMBER 72-X141-F1-0234



PURCHASE ORDER LINE ITEM NUMBER 01



QUANTITY 100



RAYTHEON PART NUMBER 11456270-001



SUPPLIER PACKAGE IDENTIFICATION 67546309



PACKAGE COUNT 01



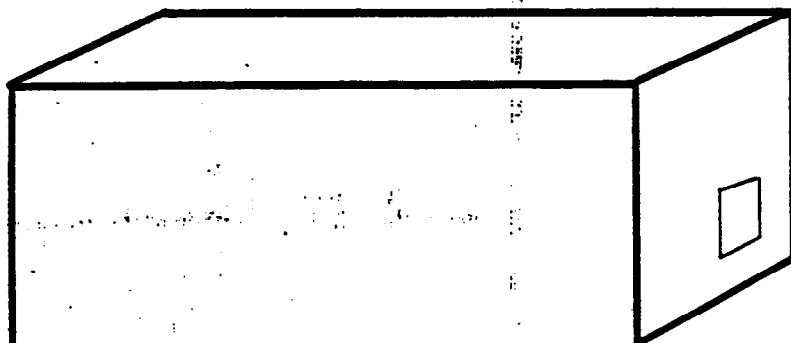
PACKAGE COUNT

OF 1

PACKAGE WEIGHT

15 LBS

EXHIBIT H
SHIPPING LABEL,
FORMAT 3S, ON A
SINGLE SHIPPING
CONTAINER

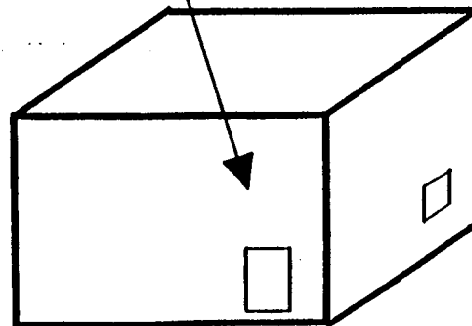
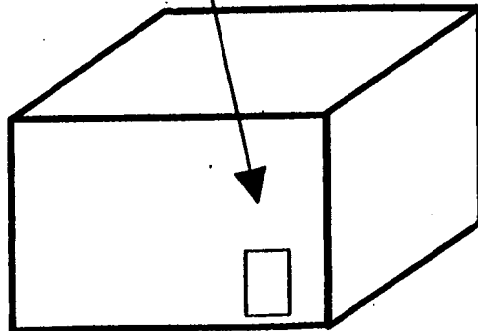


**SHIPPING LABEL, FORMAT 3S, MASTER PACK LABEL, FORMAT 4S,
MULTIPLE SHIPPING CONTAINERS WITHOUT UNIT LOAD INTEGRITY**

FROM RAYTHEON SUPPLIER MAIN STREET ANYTOWN, USA 99999		TO RAYTHEON COMPANY 350 LOWELL STREET ANDOVER, MA 01810	
(K) PURCHASE ORDER NUMBER : 75-K333-48-0765			
(L) PURCHASE ORDER LINE ITEM NUMBER 01			
(O) QUANTITY 45			
(P) RAYTHEON PART NUMBER 10182004-002			
(3S) SUPPLIER PACKAGE IDENTIFICATION 75315985			
(Z) PACKAGE COUNT 02			
PACKAGE COUNT	PACKAGE WEIGHT		
2 OF 2	13 LBS		

FROM RAYTHEON SUPPLIER MAIN STREET ANYTOWN, USA 99999		TO RAYTHEON COMPANY 350 LOWELL STREET ANDOVER, MA 01810	
(K) PURCHASE ORDER NUMBER : 75-K333-48-0765			
(L) PURCHASE ORDER LINE ITEM NUMBER 01			
(O) QUANTITY 55			
(P) RAYTHEON PART NUMBER 10182004-002			
(3S) SUPPLIER PACKAGE IDENTIFICATION 75315985			
(Z) PACKAGE COUNT 02			
PACKAGE COUNT	PACKAGE WEIGHT		
1 OF 2	15 LBS		

MASTER PACK LABEL	
(K) PURCHASE ORDER NUMBER 75-K333-48-0765	
(L) PURCHASE ORDER LINE ITEM NUMBER 01	
(O) QUANTITY 100	
(P) RAYTHEON PART NUMBER 10182004-002	
(4S) SUPPLIER PACKAGE IDENTIFICATION 75315985	
(Z) PACKAGE COUNT 02	
PACKAGE COUNT	PACKAGE WEIGHT

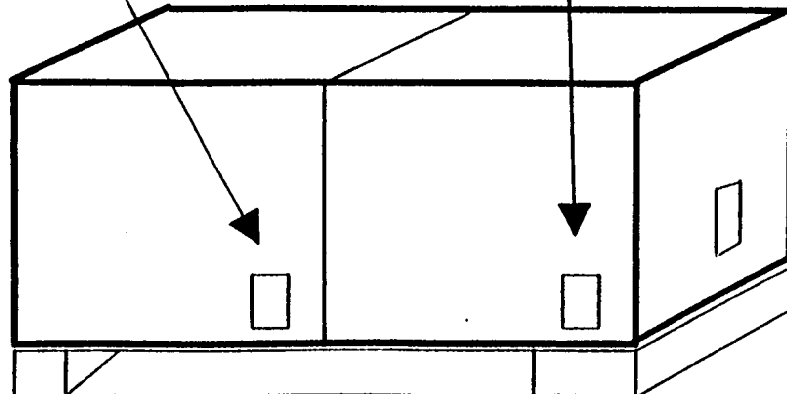


MASTER PACK LABEL , FORMAT 4S, ON SINGLE UNIT LOAD DEVICE







FROM RAYTHEON SUPPLIER MAIN STREET ANYTOWN, USA 99999		TO RAYTHEON COMPANY 350 LOWELL STREET ANDOVER, MA 01810	
(K) PURCHASE ORDER NUMBER - 75-K333-48-0765			
(L) PURCHASE ORDER LINE ITEM NUMBER 01			
(O) QUANTITY 45			
(P) RAYTHEON PART NUMBER 10182004-002			
(3S) SUPPLIER PACKAGE IDENTIFICATION 75315985			
(Z) PACKAGE COUNT 02			
PACKAGE COUNT 2 OF 2		PACKAGE WEIGHT 13 LBS	







FROM RAYTHEON SUPPLIER MAIN STREET ANYTOWN, USA 99999		TO RAYTHEON COMPANY 350 LOWELL STREET ANDOVER, MA 01810	
(K) PURCHASE ORDER NUMBER - 75-K333-48-0765			
(L) PURCHASE ORDER LINE ITEM NUMBER 01			
(O) QUANTITY 55			
(P) RAYTHEON PART NUMBER 10182004-002			
(3S) SUPPLIER PACKAGE IDENTIFICATION 75315985			
(Z) PACKAGE COUNT 02			
PACKAGE COUNT 1 OF 2		PACKAGE WEIGHT 15 LBS	

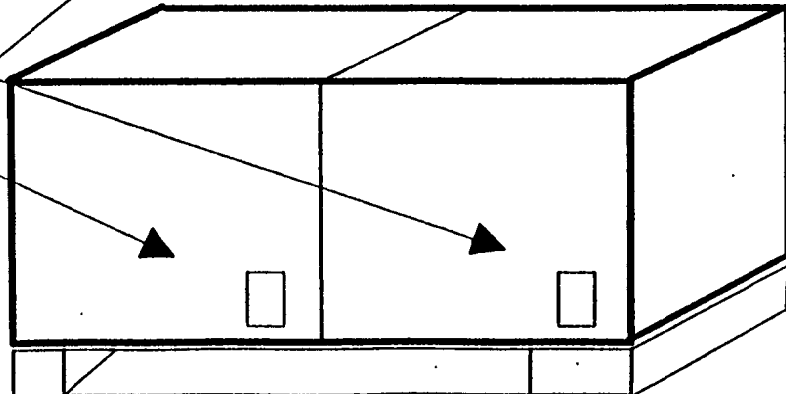
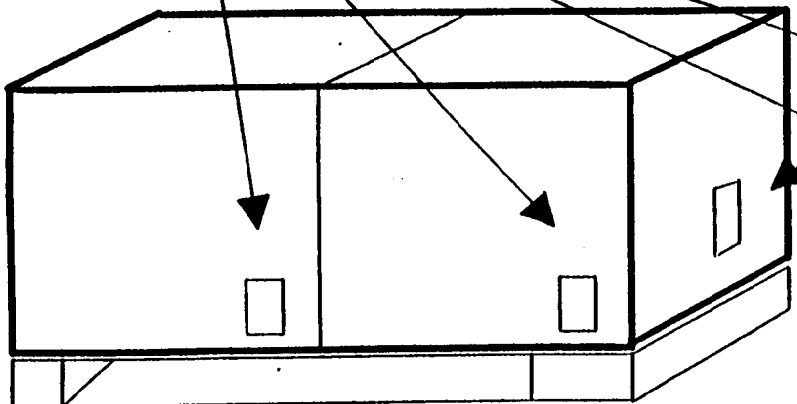
MASTER PACK LABEL	
(K) PURCHASE ORDER NUMBER - 75-K333-48-0765	
(L) PURCHASE ORDER LINE ITEM NUMBER 01	
(O) QUANTITY 100	
(P) RAYTHEON PART NUMBER 10182004-002	
(4S) SUPPLIER PACKAGE IDENTIFICATION 75315985	
(Z) PACKAGE COUNT 02	
PACKAGE COUNT 1 OF 1	PACKAGE WEIGHT 28 LBS



MASTER PACK LABEL , FORMAT 4S, ON MULTIPLE UNIT LOAD DEVICES

FROM RAYTHEON SUPPLIER MAIN STREET RAYTOWN, USA 99999	TO RAYTHEON COMPANY 350 LOWELL STREET ANDOVER, MA 01810
(K) PURCHASE ORDER NUMBER 72-2590-F1-0123 	
(L) PURCHASE ORDER LINE ITEM NUMBER 01 	
(O) QUANTITY 50 	
(P) RAYTHEON PART NUMBER 11455684 	
(3S) SUPPLIER PACKAGE IDENTIFICATION 753159 	
(Z) PACKAGE COUNT 04 	
PACKAGE COUNT X OF Y	PACKAGE WEIGHT 50 LBS

MASTER PACK LABEL	
(K) PURCHASE ORDER NUMBER 72-2590-F1-0123 	
(L) PURCHASE ORDER LINE ITEM NUMBER 01 	
(O) QUANTITY 200 	
(P) RAYTHEON PART NUMBER 11455684 	
(4S) SUPPLIER PACKAGE IDENTIFICATION 753159 	
(Z) PACKAGE COUNT 04 	
PACKAGE COUNT	PACKAGE WEIGHT



MIXED LOAD LABEL , FORMAT 5S, SINGLE OVERPACK

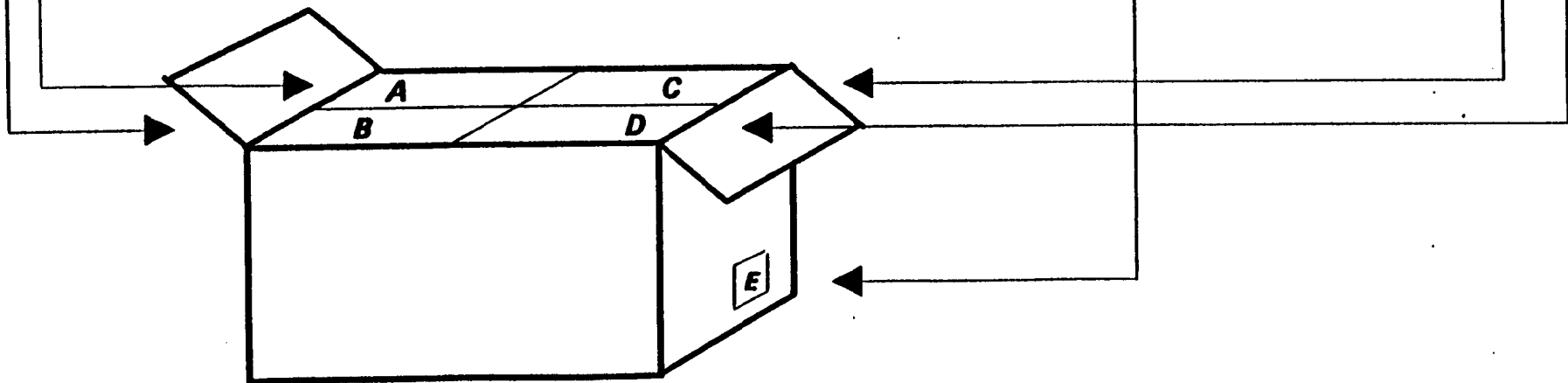
LABEL A - 3S LABEL FOR P.O. 72-0044-31-2951, P.O. LINE ITEM 1

LABEL B - 3S LABEL FOR P.O. 72-0044-31-2951, P.O. LINE ITEM 2

LABEL C - 3S LABEL FOR P.O. 72-0044-31-2951, P.O. LINE ITEM 3

LABEL D - 3S LABEL FOR P.O. 72-0044-31-2951, P.O. LINE ITEM 4

LABEL E - 5S LABEL FOR P.O. 72-0044-31-2951



NOTE: EACH LINE ITEM PACKAGE 3S SHIPPING LABEL WOULD BE NUMBERED ONE OF ONE

EXHIBIT L

LABEL 'A'







FROM RAYTHEON SUPPLIER MAIN STREET ANYTOWN, USA 99999		TO RAYTHEON COMPANY 350 LOWELL STREET ANDOVER, MA 01810	
(K) PURCHASE ORDER NUMBER		72-0044-31-2951	
			
(L) PURCHASE ORDER LINE ITEM NUMBER		1	
			
(Q) QUANTITY		25	
			
(P) RAYTHEON PART NUMBER		11458230	
			
(3S) SUPPLIER PACKAGE IDENTIFICATION		457895	
			
(Z) PACKAGE COUNT		1	
			
PACKAGE COUNT		PACKAGE WEIGHT	
1 OF 1		25 LBS	

EXHIBIT L

LABEL 'B'

FROM RAYTHEON SUPPLIER MAIN STREET ANYTOWN, USA 99999	TO RAYTHEON COMPANY 358 LOUELL STREET ANDOVER, MA 01818
--	--

(K) PURCHASE ORDER NUMBER 72-0044-31-2951



(L) PURCHASE ORDER LINE ITEM NUMBER 2



(O) QUANTITY 50



(P) RAYTHEON PART NUMBER 11468478-002



(3S) SUPPLIER PACKAGE IDENTIFICATION 457895



(Z) PACKAGE COUNT 1



PACKAGE COUNT
1 OF 1

PACKAGE WEIGHT
25 LBS

EXHIBIT L

LABEL 'C'







FROM RAYTHEON SUPPLIER MAIN STREET ANYTOWN, USA 99999		TO RAYTHEON COMPANY 350 LOWELL STREET ANDOVER, MA 01810	
(K) PURCHASE ORDER NUMBER		72-0044-31-2951	
			
(L) PURCHASE ORDER LINE ITEM NUMBER		3	
			
(Q) QUANTITY		75	
			
(P) RAYTHEON PART NUMBER		10184785	
			
(3S) SUPPLIER PACKAGE IDENTIFICATION		457895	
			
(Z) PACKAGE COUNT		1	
			
PACKAGE COUNT		PACKAGE WEIGHT	
1 OF 1		25 LBS	

EXHIBIT L

LABEL 'D'







FROM RAYTHEON SUPPLIER MAIN STREET ANYTOWN, USA 99999		TO RAYTHEON COMPANY 358 LOWELL STREET ANDOVER, MA 01818	
(K) PURCHASE ORDER NUMBER		72-0044-31-2951	
			
(L) PURCHASE ORDER LINE ITEM NUMBER		4	
			
(D) QUANTITY		35	
			
(P) RAYTHEON PART NUMBER		MIS-19837/2-02	
			
(3S) SUPPLIER PACKAGE IDENTIFICATION		457895	
			
(Z) PACKAGE COUNT		1	
			
PACKAGE COUNT		PACKAGE WEIGHT	
1 OF 1		25 LBS	

EXHIBIT L

LABEL 'E'

FROM RAYTHEON SUPPLIER MAIN STREET RAYTOWN, USA 99999	TO RAYTHEON COMPANY 358 LOWELL STREET ANDOVER, MA 01810
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(K) PURCHASE ORDER NUMBER 72-0044-31-2951



() PURCHASE ORDER LINE ITEM NUMBER

MIXED LOAD

(Q) QUANTITY

(P) RAYTHEON PART NUMBER

(SS) SUPPLIER PACKAGE IDENTIFICATION 457895

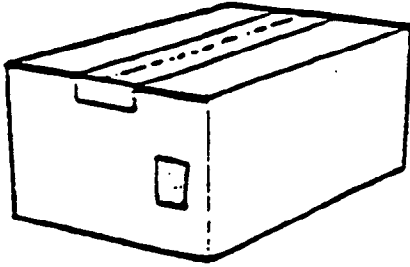


(Z) PACKAGE COUNT

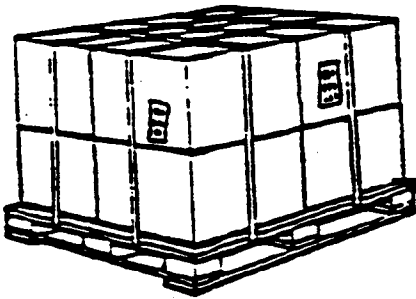
PACKAGE COUNT
1 OF 1

PACKAGE WEIGHT
100 LBS

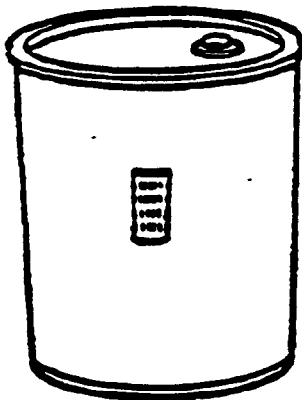
EXHIBIT M
LABEL LOCATIONS ON VARIOUS SHIPPING PACKS



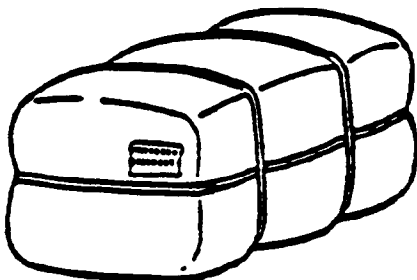
BOX OR CARTON



PALLET

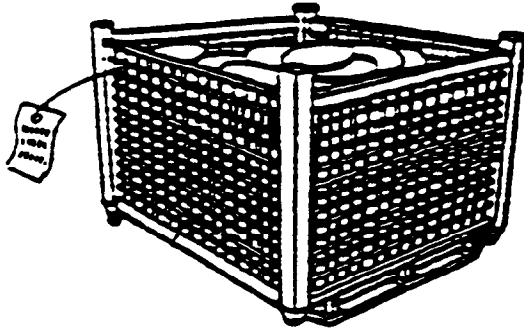


**DRUMS, BARRELS, OR CYLINDRICAL
CONTAINERS**

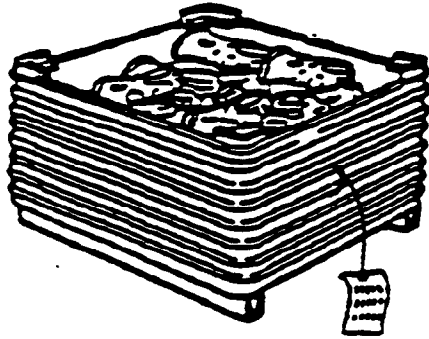


BALES

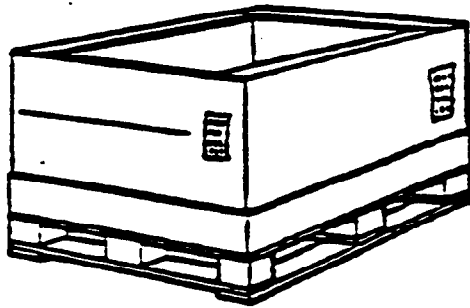
EXHIBIT M
LABEL LOCATIONS ON VARIOUS SHIPPING PACKS



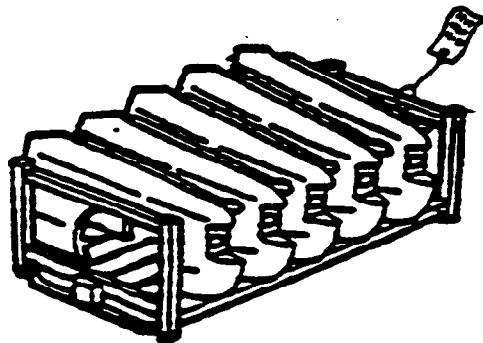
BASKET, WIRE MESH CONTAINER



METAL BIN OR TUB

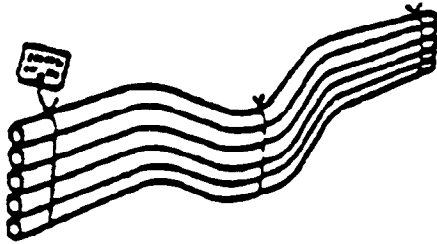


PALLET BOX

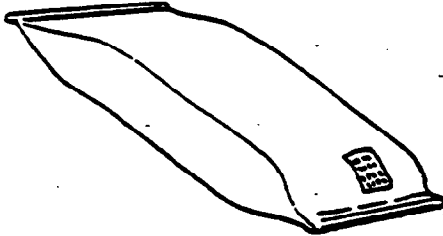


RACK

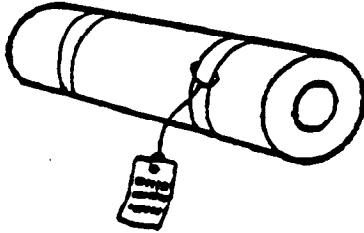
EXHIBIT M
LABEL LOCATIONS ON VARIOUS SHIPPING PACKS



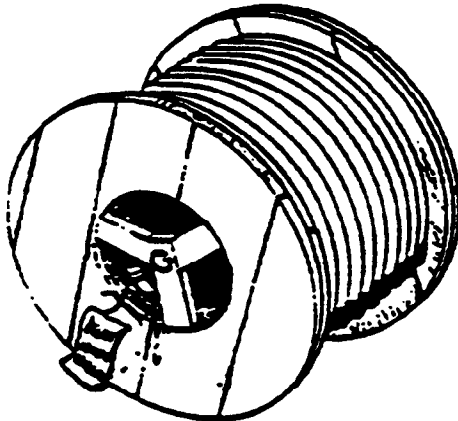
BUNDLE



BAG









ROLL



CABLE REEL

EXHIBIT N
RAYTHEON SHIPPING TAG, FORMAT 3S

FROM RAYTHEON SUPPLIER MAIN STREET ANYTOWN, USA 99999		TO RAYTHEON COMPANY 350 LOWELL STREET ANDOVER, MA 01810	
(K) PURCHASE ORDER NUMBER		72-X141-F1-0234	
			
(L) PURCHASE ORDER LINE ITEM NUMBER		01	
			
(Q) QUANTITY		100	
			
(P) RAYTHEON PART NUMBER		11456270-001	
			
(3S) SUPPLIER PACKAGE IDENTIFICATION		67546309	
			
(Z) PACKAGE COUNT		01	
			
PACKAGE COUNT		PACKAGE WEIGHT	
1 OF 1		15 LBS	