

SPECIAL PACKAGING INSTRUCTION

Form Approved -SS RJ
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 30 days per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please do not return your form to either of these addresses.

1. PART OR DRAWING NO. (CAGE) NOMENCLATURE 57K2013 (19207) DIGITIZATION ELECTRICAL KIT	2. CODE INDENT 19207	3. SPI NO. AK14919221
4. NATIONAL STOCK NO. 5963-01-491-9221	5. DATE OF DRAWING 04-30-2002	6. REVISION A

MATERIAL

ITEM ID.	QTY.	DESCRIPTION
	1	WRAP: MIL-B-121, TYPE II, GRADE A, CLASS 2, SIZE 40 X 24.
	1	WRAP: MIL-B-121, TYPE II, GRADE A, CLASS 2, SIZE 24 X 24.
	1	BAG: MIL-B-117, STYLE 1, TYPE II, CLASS E, SIZE 22 X 30.
	1	BAG: MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 10 X 16.
	1	BAG: MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 8 X 16.
	1	BAG: MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 8 X 10.
	9	BAG: MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 6 X 8.
	2	FIBERBOARD STIFFENERS: ASTM D 4727, TYPE CF, CLASS DOM, VARIETY SW, GRADE 275, SIZE 10 X 6.
	1	CONTAINER: ASTM D 5118, STYLE RSC, TYPE CF, CLASS DOM, VARIETY SW, GRADE 275, SIZE 15-1/4 X 15-1/4 X 3.
	1	CONTAINER: ASTM D 5118, STYLE RSC, TYPE CF, CLASS WR, VARIETY SW, GRADE V3C, SIZE 15-7/8 X 15-7/8 X 4-1/8.
	1	CONTAINER: ASTM D 5118, STYLE RSC, TYPE CF, CLASS WR, VARIETY SW, GRADE V3C, SIZE 16-3/8 X 6-3/4 X 3-3/8.
	1	CONTAINER: ASTM D 5118, STYLE RSC, TYPE CF, CLASS WR, VARIETY SW, GRADE V3C, SIZE 16-1/4 X 9 X 3-1/4.
	1	CONTAINER: ASTM D 5118, STYLE RSC, TYPE CF, CLASS WR, VARIETY SW, GRADE V3C, SIZE 16-7/8 X 16-7/8 X 9-1/4.

C. FABRICATE OR OBTAIN MATERIALS NEEDED FOR PACKAGING IN ACCORDANCE WITH MATERIAL CHART ON PAGE 2. REFER TO THE FOLLOWING NOTES FOR APPLICATION OF MATERIALS TO PREPARE SPN 1 THROUGH SPN 3.

D. PREPARE SPN 1 AS FOLLOWS:

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
1	12422679	DIGITIZATION POWER HARNESS	1

1. **WRAP:** MIL-B-121, TYPE II, GRADE A, CLASS 2, SIZE 40 X 24 (QTY. 1). WRAP ITEM THEN SECURE WRAP USING WEATHER RESISTANT PRESSURE SENSITIVE TAPE.
2. **CONTAINER:** ASTM D 5118, STYLE RSC, TYPE CF, CLASS DOM, VARIETY SW, GRADE 275, SIZE 15-1/4 X 15-1/4 X 3 (QTY. 1).
3. **BAG:** MIL-B-117, STYLE 1, TYPE III, CLASS E, SIZE 22 X 30 (QTY. 1). HEAT SEAL BAG CLOSED.
4. **CONTAINER:** ASTM D 5118, STYLE RSC, TYPE CF, CLASS WR, VARIETY SW, GRADE V3C, SIZE 15-7/8 X 15-7/8 X 4-1/8 (QTY. 1).
5. **MARKING:** MARK PREPARED ITEM WITH "SPN 1" IN ACCORDANCE WITH MIL-STD-129.
6. **INSPECTION:** INSPECT SPN 1 IN ACCORDANCE WITH THE CRITERIA FOR METHOD 42.

E. PREPARE SPN 2 AS FOLLOWS:

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
2	12422706	COVER, ELECTRICAL, DISTRIBUTION	1

1. **WRAP:** MIL-B-121, TYPE II, GRADE A, CLASS 2, SIZE 24 X 24 (QTY. 1). WRAP ITEM THEN SECURE WRAP USING WEATHER RESISTANT PRESSURE SENSITIVE TAPE.
2. **CONTAINER:** ASTM D 5118, STYLE RSC, TYPE CF, CLASS WR, VARIETY SW, GRADE V3C, SIZE 16-3/8 X 6-3/4 X 3-3/8 (QTY. 1).
3. **MARKING:** MARK PREPARED ITEM WITH "SPN 2" IN ACCORDANCE WITH MIL-STD-129.
4. **INSPECTION:** INSPECT SPN 2 IN ACCORDANCE WITH THE CRITERIA FOR METHOD 10.

F. PREPARE SPN 3 AS FOLLOWS:

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
3A	12422748	DECAL	1

1. **FIBERBOARD STIFFENERS:** ASTM D 4727, TYPE CF, CLASS DOM, VARIETY SW, GRADE 275, SIZE 10 X 6 (QTY. 2). PLACE ITEM BETWEEN BOTH STIFFENERS THEN SECURE STIFFENERS USING WEATHER RESISTANT PRESSURE SENSITIVE TAPE.
2. **BAG:** MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 8 X 16 (QTY. 1). HEAT SEAL BAG CLOSED.
(NOTES FOR SPN 3A CONTINUED NEXT PAGE)

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4. NATIONAL STOCK NO. 5963-01-491-9221	5. DATE OF DRAWING 04-30-2002	6. REVISION A

3. **MARKING:** MARK PREPARED ITEM WITH "**SPN 3A**" IN ACCORDANCE WITH MIL-STD-129.

4. **INSPECTION:** INSPECT **SPN 3A** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 31.

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
3B	12422752-011	SCREW, WING	2

1. **BAG:** MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 6 X 8 (QTY. 1). PLACE ALL ITEMS IN BAG AND HEAT SEAL BAG CLOSED.

2. **MARKING:** MARK PREPARED ITEM WITH "**SPN 3B**" IN ACCORDANCE WITH MIL-STD-129.

3. **INSPECTION:** INSPECT **SPN 3B** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 31.

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
3C	12414575-075	SCREW, MACHINE	6

1. **BAG:** MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 6 X 8 (QTY. 1). PLACE ALL ITEMS IN BAG AND HEAT SEAL BAG CLOSED.

2. **MARKING:** MARK PREPARED ITEM WITH "**SPN 3C**" IN ACCORDANCE WITH MIL-STD-129.

3. **INSPECTION:** INSPECT **SPN 3C** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 31.

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
3D	12414560-009	WASHER, LOCK	6

1. **BAG:** MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 6 X 8 (QTY. 1). PLACE ALL ITEMS IN BAG AND HEAT SEAL BAG CLOSED.

2. **MARKING:** MARK PREPARED ITEM WITH "**SPN 3D**" IN ACCORDANCE WITH MIL-STD-129.

3. **INSPECTION:** INSPECT **SPN 3D** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 31.

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
3E	12414315-002	NUT	6

1. **BAG:** MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 6 X 8 (QTY. 1). PLACE ALL ITEMS IN BAG AND HEAT SEAL BAG CLOSED.

2. **MARKING:** MARK PREPARED ITEM WITH "**SPN 3E**" IN ACCORDANCE WITH MIL-STD-129.

3. **INSPECTION:** INSPECT **SPN 3E** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 31.

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
3F	12414560-012	WASHER, LOCK	1

1. **BAG:** MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 6 X 8 (QTY. 1). HEAT SEAL BAG CLOSED.

2. **MARKING:** MARK PREPARED ITEM WITH "**SPN 3F**" IN ACCORDANCE WITH MIL-STD-129.

3. **INSPECTION:** INSPECT **SPN 3F** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 31.

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
3G	12414315-003	NUT	1

1. **BAG:** MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 6 X 8 (QTY. 1). HEAT SEAL BAG CLOSED.

2. **MARKING:** MARK PREPARED ITEM WITH "**SPN 3G**" IN ACCORDANCE WITH MIL-STD-129.

3. **INSPECTION:** INSPECT **SPN 3G** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 31.

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
3H	MS3367-2-0	TIE WRAP	3

1. **BAG:** MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 8 X 10 (QTY. 1). PLACE ALL ITEMS IN BAG AND HEAT SEAL BAG CLOSED.

2. **MARKING:** MARK PREPARED ITEM WITH "**SPN 3H**" IN ACCORDANCE WITH MIL-STD-129.

3. **INSPECTION:** INSPECT **SPN 3H** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 31.

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SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
3I	12414310-046	SCREW, SHEET METAL	2

- BAG:** MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 6 X 8 (QTY. 1). PLACE ALL ITEMS IN BAG AND HEAT SEAL BAG CLOSED.
- MARKING:** MARK PREPARED ITEM WITH "SPN 3I" IN ACCORDANCE WITH MIL-STD-129.
- INSPECTION:** INSPECT **SPN 3I** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 31.

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
3J	12414310-048	SCREW, SHEET METAL	2

- BAG:** MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 6 X 8 (QTY. 1). PLACE ALL ITEMS IN BAG AND HEAT SEAL BAG CLOSED.
- MARKING:** MARK PREPARED ITEM WITH "SPN 3J" IN ACCORDANCE WITH MIL-STD-129.
- INSPECTION:** INSPECT **SPN 3J** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 31.

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
3K	IM57K2012	KIT INSTRUCTION	1

- BAG:** MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 10 X 16 (QTY. 1). HEAT SEAL BAG CLOSED.
- MARKING:** MARK PREPARED ITEM WITH "SPN 3K" IN ACCORDANCE WITH MIL-STD-129.
- INSPECTION:** INSPECT **SPN 3K** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 31.

SPN	PART NUMBER	ITEM DESCRIPTION	ITEM QTY
3L	12420344	TERMINAL LUG	1

- BAG:** MIL-B-117, STYLE 1, TYPE I, CLASS C, SIZE 6 X 8 (QTY. 1). PLACE ALL ITEMS IN BAG AND HEAT SEAL BAG CLOSED.
- MARKING:** MARK PREPARED ITEM WITH "SPN 3L" IN ACCORDANCE WITH MIL-STD-129.
- INSPECTION:** INSPECT **SPN 3L** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 31.

G. CONSOLIDATION OF SPN 3A THROUGH 3L.

- CONTAINER:** ASTM D 5118, STYLE RSC, TYPE CF, CLASS WR, VARIETY SW, GRADE V3C, SIZE 16-1/4 X 9 X 3-1/4 (QTY. 1). PLACE SPN 3A THROUGH SPN 3L INTO CONTAINER.
- CLOSURE:** THE WR CONTAINER SHALL BE CLOSED IN ACCORDANCE WITH ASTM D 1974, SEALING METHOD B OR METHOD C.
- MARKING:** MARK CONTAINER WITH "SPN 3" IN ACCORDANCE WITH MIL-STD-129.
- INSPECTION:** INSPECT **SPN 3** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 10.

H. PLACE SPN 1, SPN 2 AND SPN 3 INTO UNIT CONTAINER, IDENTIFY, INSPECT AND CLOSE UNIT CONTAINER AS FOLLOWS:

- UNIT CONTAINER:** ASTM D 5118, STYLE RSC, TYPE CF, CLASS WR, VARIETY SW, GRADE V3C, SIZE 16-7/8 X 16-7/8 X 9-1/4 (QTY. 1).
- IDENTIFICATION:** PROVIDE PACKING LIST WITH CONSOLIDATED PACK IN ACCORDANCE WITH MIL-STD-129. ON THE PACKING LIST, IDENTIFY THE ITEMS WITHIN EACH SEGREGATED PACK TOGETHER WITH THEIR SEGREGATED PACK NUMBER.
- INSPECTION:** INSPECT **57K2013 (19207) DIGITIZATION ELECTRICAL KIT** IN ACCORDANCE WITH THE CRITERIA FOR METHOD 10.
- CONTAINER CLOSURE:** THE WR CONTAINER SHALL BE CLOSED IN ACCORDANCE WITH ASTM D 1974, SEALING METHOD B OR METHOD C.

I. PACKING:

LEVEL "A" PACKING SHALL BE ACCOMPLISHED USING CLEATED-PLYWOOD BOXES, OVERSEAS TYPE, CONFORMING TO PPP-B-601 OR NAILED WOOD BOXES CONFORMING TO PPP-B-621, CLASS 2.

LEVEL "B" PACKING SHALL BE ACCOMPLISHED USING: FIBERBOARD BOXES, WEATHER RESISTANT CLASS, CONFORMING TO ASTM D 5118 OR; TRIPLEWALL, CORRUGATED FIBERBOARD BOXES, CLASS 2, CONFORMING TO ASTM D 5168 OR; PALLET BASE CONTAINERS, TYPE III, CONFORMING TO MIL-B-43666.

WHEN THE WEIGHT OF THE TOTAL QUANTITY TO BE SHIPPED TO THE SAME DESTINATION EXCEEDS 125 POUNDS, EXTERIOR PACKS WITHOUT SKIDS SHALL BE PALLETIZED IN ACCORDANCE WITH MIL-HDBK-774.