DEPARTMENT OF THE NAVY

CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
300 HIGHWAY 361
CRANE, INDIANA 47522-5000

IN REPLY REFER TO:
4790
Ser 8083/U9038
22 March 1999

From: Commander, Crane Division, Naval Surface Warfare Center
To: Commanding Officer, Naval Sea Logistics Center, J. R. Cerul Code N42, 5450 Carlisle Pike, P.O. Box 2060, Mechanicsburg, PA 17055-0795

Subj: **ALLOWANCE EQUIPAGE LIST (AEL) UPDATE FOR TOOLS X EQUIPMENT 2M REPAIR STATIONS, 2-670034080**

Ref: (a) NAVSEAINST 4790.17A
(b) Phonecon between NAVSEALOGCEN Mechanicsburg Code N42 Mr. Joe Cerul and NAVSURFWARCENDIV Crane Code 8083 Mr. Craig Bennett of 19 Mar 99

Encl: (1) AEL 2-670034080, of 04-28-97, with changes in bold

1. Per reference (a), Naval Surface Warfare Center Crane has been designated by Naval Sea Systems Command as the In-Service Engineering Agent for the 2M Electronic Repair Program. Responsibilities include maintenance of the 2M Allowance Equipage List (AEL). As discussed during reference (b), enclosure (1) is forwarded for appropriate action.

2. Request machine copy be provided of corrected Tools X Equipment-2M Repair Stations AEL to Commander, Code 8083, Building 3241, NAVSURFWARCENDIV, 300 Highway 361, Crane IN 47522-5001.

3. NAVSURFWARCENDIV Crane point of contact is Mr. Craig Bennett, Code 8083, Building 3241, telephone DSN 482-2087 or commercial 812-854-2087, email bennett_c@crane.navy.mil.

GARY S. LATTA
By direction

Copy to:
COMNAVSEASYSCOM (04M34)

MINIATURE/MICRO-MINIATURE TOOLS AND EQUIPMENT REQUIRED
FOR SUPPORT OF NAVSEA 2M ELECTRONIC REPAIR PROGRAM.
NAVSEA INST 4790-17A APPLIES.
THE 2M PROGRAM SUPPORT EQUIPMENT AND TOOLS ARE TO BE
PROVIDED ONLY TO THOSE SHIPS OR ACTIVITIES THAT HAVE
A MINIMUM OF **ONE** PROPERLY TRAINED AND CERTIFIED
TECHNICIAN ON BOARD.
NAVSURFWARCENDIV CRANE IN., **CODE 8083** WILL PROCURE AND ASSEMBLE THE
TOOL KITS AND EQUIPMENT AND MAKE INITIAL DISTRIBUTION
TO THOSE SHIPS OR ACTIVITIES WHICH HAVE CERTIFIED
PERSONNEL ON BOARD.
NO CHANGES WILL BE MADE TO THIS AEL WITHOUT THE
APPROVAL OF NAVSEA CODE **04M34.**
P-NICN 1H0000-LL-CJ8-9508 HAS BEEN ASSIGNED FOR THE 2M
TOOL KIT AND EQUIPMENT LISTED BELOW AND WILL
APPEAR IN PART IIIB OF THE COSAL AS AN OPERATING
SPACE ITEM REFLECTING THE NUMBER OF REPAIR
STATIONS ON BOARD.
THE QUANTITY APPEARING IN THE QUANTITY PER ONE
COMPONENT COLUMN BELOW, IS THE QUANTITY REQUIRED
IN EACH 2M TOOL KIT OR AT EACH REPAIR STATION.
THE ITEMS WITH QUANTITIES IN COLUMNS 1 THRU 4 ARE
OPERATING SPACE SPARES AND WILL APPEAR IN
PART IIIB OF THE COSAL
NOTE-1-NSN 9Q7920-00-514-2417 UNIT OF ISSUE IS GROSS.
QUANTITY REQUIRED IN TOOL KIT IS 12 EACH.
NOTE-2-REFERENCE NO. TTI735 ALCOHOL-ISOPROPYL NSN 9G
6810-00-286-5435 GL 1 OR REFERENCE NO. 839889
ISOPROPYL-ALCOHOL NSN 9G6810-00-983-8551 QT 1 IS
REQUIRED IN EACH 2M TOOL KIT OR AT EACH REPAIR
STATION.
NOTE-3-NSN 9G3230-00-189-7191 UNIT OF ISSUE IS PACKAGE
WHICH CONTAINS 12 EACH BLADES, QTY REQUIRED IN
EACH TOOL KIT IS 2 EACH.
NOTE-4-NSN 9Q8115-01-090-9808 UNIT OF ISSUE IS DOZEN.
QUANTITY REQUIRED IN EACH TOOL KIT IS ONE EACH.
NOTE-5-DISPENSER-LIQ 2OZ FLUX NSN 9L6520-00-142-9039 EA
1 OR REFERENCE NO. FD2 DISPENSER, FLUX NSN 4935-
01-184-1259 EA 1 IS REQUIRED IN EACH 2M TOOL KIT
OR AT EACH REPAIR STATION.
NOTE-6-REFERENCE NOS. 16-021 DRILL PRESS MINIATURE NSN
9G3413-01-169-6714, 2-248 FOOT CONTROL NSN 9G1680-01-171-1124,

FIT-221-1/16RED INSULATION SLEEVING NSN 9G5970-00-787-2315,
FIT-221-3/32YELLOW INSULATION SLEEVING NSN 9G5970-00-787-2321,
FIT221 1/8WHITE INSULATION SLEEVING NSN 9G5970-00-088-2975,
FIT221 3/16BLACK INSULATION SLEEVING NSN 9G5970-00-954-1622,
OV-470A OVEN, THERMAL DRYING NSN 9C4430-00-831-4172,
HIX-HA1 REPAIR KIT, ELECTRICAL NSN 9G5970-01-026-1877, AND
SN63WRMAP3 0.090 1LB SOLDER, TIN ALLOY .090 NSN 9G3439-01-146-6953
ARE OPTIONAL ITEMS IN EACH 2M TOOL KIT OR AT EACH REPAIR STATION.

NOTE-7-REFERENCE NO. F02B250V2A FUSE, CARTRIDGE NSN
9N 5920-00-228-7882 EA 1 IS FOR SUPPORT OF THE
TECHNI-QUIP TQ/FOI-1 FIBER OPTIC LIGHT SOURCE.

NOTE-8-REFERENCE NO. 1120 LAMP, INCANDESCENT NSN 9L6240
-01-117-7150 EA 1 IS FOR SUPPORT OF THE BOYLE
INSTRUMENTS BI-180 FIBER OPTIC LIGHT SOURCE.
REFERENCE NO. EKE LAMP, INCANDESCENT NSN 9G6240-
01-331-0841 EA 1 IS FOR SUPPORT OF THE TECHNI-
QUIP TQ/FOI-1 FIBER OPTIC LIGHT SOURCE.

NOTE-9-THE MICROSCOPE X LIGHT X STAND ARE SHOWN FOR
INFORMATION ONLY. SHIPS OR ACTIVITIES CERTIFIED
FOR MICRO-REPAIR REQUIRE ONE EACH MICROSCOPE,
LIGHT AND STAND.

NOTE-10-REFERENCE NOS. 6-SN63-211A SOLDER PASTE NSN 9G3439
-01-384-2071 REQUIRES REFRIGERATION, S290 SOLDER PASTE
NSN 9G3439-01-456-5438 DOES NOT REQUIRE REFRIGERATION, AND
RMA230 SOLDER PASTE NSN 9G3439-01-456-5438 IS FORMULATED
FOR APPLICATION USING A STENCIL.

NOTE-11-DELETE
NOTE-12-DELETE
NOTE-13-DELETE
NOTE-14-DELETE

SEE COSAL INDEX PART I FOR COLUMN WHICH APPLIES.

COLUMNS 1 THRU 4 FOR 1 TO 4 2M REPAIR KITS
COLUMNS 5 THRU 8 BLANK
REV DATE - JUN 95
CAGE-12004
OAAUP-TOOLS X EQUIPMENT
CCF DATE - 10 83

H-B-643TY2,CL1,SZ1	03950	ACID SWAB BRUSH	9Q	7920-00-514-2417	UPAOZZ	C	GR					
		SEE NOTE 1 ABOVE										
01066X4X4	01989	ADAPTER, GAGE, COMPOUND	9C	4730-01-203-8069	UPAOZZ	E	EA	1				
0151	**33564**	ADHESIVE EPOXY PATCH	**1H**	**8040-01-359-2719**	UPCOZZ	E	KT	1				
TTI735	81348	ALCOHOL-ISOPROPYL	9G	6810-00-286-5435	UPAOZZ	C	GL	1				
		SEE NOTE-2-ABOVE										
5120-00-293-2081	**27596**	ALIGNMENT TOOL	9Q	5120-00-293-2081	UPAOZZ	E	EA	1				
35046	38536	ANVIL, JEWELER'S	9Q	5120-00-618-4913	UPAOZZ	R	EA	1				
6-143	89875	APPLICATOR, DISP 1000S	9L	6515-01-017-2177	UPAOZZ	C	PG	1				
A-A-51563	81348	ARBOR AND BAND SET	9L	6520-00-500-9500	UPAOZZ	E	SE	1				
~~**4010-0033**~~	~~**17794**~~	~~**BAFFLE, SODR-X-TRACTOR**~~	~~**9G**~~	~~**3439-00-248-5263**~~	~~**UPAOZZ**~~		~~**EA**~~	~~**1**~~				
7101216ZL	0HMV4	BAG, PLASTIC	9Q	8105-01-386-3868	UPAOZZ	E	EA	1				
GGH0080 SZ20 6/PG	81348	BLADE, DETACHABLE	9L	6515-00-**660-0012**	UPAOZZ	1E	PG	1	2	4	4	5
GGH0080 SZ15 6/PG	81348	BLADE, DETACHABLE	9L	6515-00-660-0008	UPAOZZ	1E	PG	1	2	4	4	5
GGH0080 SZ11 6/PG	81348	BLADE, DETACHABLE	9L	6515-00-660-0010	UPAOZZ	1R	PG	1	2	4	4	5
1112-0061-P10	17794	BLADE, CIRCULAR SAW,	9G	3455-00-189-7191	UPAOZZ		PG					
		SEE NOTE 3 ABOVE										
L-5560	03950	BLADE, WIRE STRIPPER	9Q	5110-01-097-0762	UXBOZZ		SE	1				
05-505	03950	BOX, SMALL PARTS	9Q	8115-01-090-9808	UPAOZZ	E	DZ					
		SEE NOTE 4 ABOVE										
888997-5168	13973	BRUSH, ARTIST'S	9Q	8020-00-051-7098	UPAOZZ		EA	1				
1127-0002	17794	BRUSH, BRISTLE	9Q	7920-00-018-7052	UPAOZZ		EA	1				
6161	09496	BRUSH, BRISTLE, DENT,	9L	6520-01-056-7376	UPAOZZ	E	PG	1				
H-B-1490	81348	BRUSH, SCRUB	9Q	7920-00-619-9162	UPAOZZ	E	EA	1				
71966	76169	BRUSH, WIRE, SCRATCH	9Q	7920-01-127-4376	UPAOZZ	E	EA	1				
1127-0006	17794	BRUSH, WIRE, TUBE	9Q	7920-00-018-7091	UPAOZZ	1	EA	2	3	6	9	12
15R14SC/FL	08805	BULB-FLOOD	9G	6240-01-029-1113	UPAOZZ	E	EA	1				
15R14SC/SP	08805	BULB-SPOT	9G	6240-01-029-5988	UPAOZZ	E	EA	1				
~~**F-490**~~	~~**89875**~~	~~**BUR-BALL LATCH NO ½**~~	~~**9L**~~	~~**6520-01-049-0422**~~	~~**UPAOZZ**~~	~~**1E**~~	~~**PG**~~	~~**1**~~	~~**1**~~	~~**2**~~	~~**2**~~	~~**3**~~
~~**384104**~~	~~**37428**~~	~~**BUR-BALL LATCH NO2 ANL**~~	~~**9L**~~	~~**6520-01-003-2274**~~	~~**UPAOZZ**~~	~~**1E**~~	~~**PG**~~	~~**1**~~	~~**1**~~	~~**2**~~	~~**2**~~	~~**3**~~
~~**14733**~~	~~**72574**~~	~~**BUR-BALL LATCH NO6 ANL**~~	~~**9L**~~	~~**6520-01-003-7703**~~	~~**UPAOZZ**~~	~~**1E**~~	~~**PG**~~	~~**1**~~	~~**1**~~	~~**2**~~	~~**2**~~	~~**3**~~
~~**382101**~~	~~**81490**~~	~~**BUR-BALL LCH NO ¼**~~	~~**9L**~~	~~**6520-01-106-3139**~~	~~**UPAOZZ**~~	~~**E**~~	~~**PG**~~	~~**1**~~				
382302	37428	BUR-BALL NO ½ STR	9L	6520-01-003-3132	UPAOZZ	1E	PG	1	2	4	4	5
14826	72574	BUR-BALL NO2 STR	9L	6520-01-003-2269	UPAOZZ	E	PG	1				

14832	72574	BUR-BALL NO4 STR	9L	6520-01-003-2270	UPAOZZ	1E	PG	1	1	2	2	3
14838	72574	BUR-BALL NO6 STR	9L	6520-01-003-2271	UPAOZZ	E	PG	1				
14844	72574	BUR-BALL NO8 STR	9L	6520-01-003-3131	UPAOZZ	1E	PG	1	1	2	2	3
~~14772~~	~~72574~~	~~BUR-FISSURE NO559 LCH~~	~~9L~~	~~6520-01-003-2263~~	~~UPAOZZ~~	~~1E~~	~~PG~~	~~1~~	~~1~~	~~2~~	~~2~~	~~3~~
14877	**72574**	**BUR-FISSURE NO559 STR**	**9L**	**6520-01-003-2260**	**UPAOZZ**		**PG**	**1**				
14853	72574	BUR-INV CONE NO35 STR	9L	6520-01-003-2267	UPAOZZ	E	PG	1				
~~14760~~	~~72574~~	~~BUR-INV CONE NO39 LCH~~	~~9L~~	~~6520-01-003-2273~~	~~UPAOZZ~~	~~E~~	~~PG~~	~~1~~				
26-27	13099	BURNISHER, DENTAL	9L	6520-01-055-5086	UPAOZZ	E	EA	1				
~~101-000A~~	~~27552~~	~~CABLE-FLEX~~	~~IRW~~	~~5130-01-024-5071~~	~~TXUPAOZZ~~	~~E~~	~~EA~~	~~1~~				
21294	29685	CARVER-DENTAL # 89-92	9L	6520-00-935-7254	UPAOZZ	1E	EA	1	1	2	2	3
23106	29685	CARVER-DENTAL HOLL 1-2	9L	6520-00-935-7171	UPAOZZ	1E	EA	1	3	6	6	7
24042	29685	CHISEL-DENTAL NO 3-4	9L	6520-00-935-7178	UPAOZZ	E	EA	1				
3	13099	CHISEL, DENTAL	9L	6520-01-074-1814	UPAOZZ	E	EA	1				
A-A-430	58536	CLAMP, C	9Q	5120-00-596-4053	UPAOZZ	E	EA	1				
LENSCLEANER	06650	CLEANING COMPOUND, O	9G	6850-00-392-9751	UPAOZZ	E	BT	1				
HS1	13102	CLIP, ELECTRICAL	9N	5999-00-677-9839	UPAOZZ	E	EA	1				
HS2	13102	CLIP, ELECTRICAL	9N	5999-00-677-9849	UPAOZZ	E	EA	1				
HS3	13102	CLIP, ELECTRICAL	9N	5999-00-677-9861	UPAOZZ	E	EA	1				
P-P-101-50SHEETSPERPG	81348	CLOTH ABRSV 400 WET-DRY	9Q	5350-00-224-7201	UPAOZZ	R	PG	1				
P-P-101-50SHEETSPERPG	81348	CLOTH ABRSV 600 WET-DRY	9Q	5350-00-224-7215	UPAOZZ		PG	1				
~~29-2383~~	~~02105~~	~~CORD AND PLUG ASSEMBLY~~	~~9G~~	~~6150-01-333-3361~~	~~UPAOZZ~~	~~1E~~	~~AY~~	~~1~~	~~1~~	~~2~~	~~3~~	~~4~~
		~~SEE NOTE-8-ABOVE~~										
JJJC561GRACL2Z4	81348	COTTON-ABSORB	9L	6510-00-201-4000	UPAOZZ	C	PG	1				
~~1121-0213~~	~~17794~~	~~DESOLDERING TIP~~	~~9G~~	~~3439-01-057-1002~~	~~UPAOZZ~~	~~E~~	~~BX~~	~~1~~				
~~1121-0215~~	~~17794~~	~~DESOLDERING TIP~~	~~9G~~	~~3439-01-065-9650~~	~~UPAOZZ~~	~~E~~	~~EA~~	~~25~~				
~~1121-0217~~	~~17794~~	~~DESOLDERING TIP~~	~~9G~~	~~3439-01-078-8351~~	~~UPAOZZ~~	~~E~~	~~PG~~	~~25~~				
40-3-5	34605	DESOLDERING WICK	9G	3439-00-009-2334	UPAOZZ	1	SL	3	6	12	12	15
40-1-5	34605	DESOLDERING WICK	9G	3439-00-545-3396	UPAOZZ	1E	EA	3	6	12	12	15
11.7801	18037	DISK-ABRSV SIL CRBD	9L	6520-00-523-2150	UPAOZZ	E	PG	1				
DISPENSER 2OZ	17794	DISPENSER, DENTAL AC	9L	6520-00-142-9039	UPAOZZ	E	EA	1				
		SEE NOTE-5-ABOVE										
613	33092	DISPENSER, FLUX	9G	3439-00-552-9309	UPAOZZ		EA	1				
KWIK-KIT,2OZ,LIQUID	**8D441**	DISPENSER, FLUX	9N	4935-01-184-1259	UPAOZZ		EA	1				

		SEE NOTE-5-ABOVE										
16-021	18797	DRILL PRESS MINIATURE	9G	3413-01-169-6714	UPAOZZ	R	EA	1				
		SEE NOTE-6-ABOVE										
33A	42970	DRILL SET NO 61 TO 80	9Q	5133-00-555-1528	UPAOZZ	R	SE	1				
29A	42970	DRILL SET-NO 1 TO 60	9Q	5133-00-449-6775	UPAOZZ	E	SE	1				
565G	57163	DRIVE PIN PUNCH	9Q	5120-00-240-6083	UPAOZZ	E	EA	1				
565D	57163	DRIVE PIN PUNCH	9Q	5120-00-240-6104	UPAOZZ	E	EA	1				
3870-1	66237	ESD CAUTION SGN ALUM	9Q	9905-01-342-3044	UPAOZZ		EA	1				
22137	29685	EXPLORER, DENTAL #23	9L	6520-00-528-1000	UPAOZZ	1E	EA	1	3	6	6	7
22098	29685	EXPLORER, DENTAL #6	9L	6520-00-528-0000	UPAOZZ	1E	EA	1	3	6	6	7
CME15	04264	EYELET, METALLIC	9Z	5325-00-139-0328	UPAOZZ	E	EA	1				
CME26C	04264	EYELET, METALLIC	9Z	5325-00-234-7913	PAOZZ		EA	1				
CME36C	04264	EYELET, METALLIC	9Z	5325-00-558-1785	UPAOZZ	R	**PG**	1				
CME46	04264	EYELET, METALLIC	9Z	5325-01-076-9499	UPAOZZ	E	EA	1				
MILF36733	81349	FILE, BONE	9L	6520-00-528-5050	UPAOZZ	E	EA	1				
MILF14256TYRMA	81349	FLUX SOLDERING	9G	3439-00-069-5815	UPA2ZZ	E	QT	1				
QQC576	81348	FOIL, COPPER	9Z	9535-00-268-9571	UPAOZZ	E	RO	1				
2-248	18797	FOOT CONTROL	9G	1680-01-171-1124	UPAOZZ	R	AY	1				
		SEE NOTE-6-ABOVE										
F02B250V2A	03538	FUSE	9N	5920-00-228-7882	UPAOZZ	R	EA	1				
		SEE NOTE-7-ABOVE										
~~**3085-2012**~~	~~**83039**~~	~~**GAGE-THKNS**~~	~~**9Q**~~	~~**5210-00-984-7236**~~	~~**UPAOZZ**~~	~~**E**~~	~~**EA**~~	~~**1**~~				
46646	61349	GAGE, COMPOUND PRESS	9G	6685-00-248-6975	UPAOZZ	E	EA	1				
34F561	**U1F25**	GAGE, DRILL, NO 1 TO 60	9Q	5210-00-221-1893	UPAOZZ	E	EA	1				
50F9081	**U1F25**	GAGE, DRILL, NO 61 TO 80	9Q	5210-00-555-7993	UPAOZO	E	EA	1				
40832	02622	GOGGLES-INDUSTRIAL	9G	4240-01-063-5996	UPAOZZ		EA	1				
5114EPGREASE	29700	GREASE, AIRCRAFT AND	9G	9150-00-985-7244	UPCOCC	E	TU	1				
A-A-1305	58536	HAMMER-HND MCHST 1-4 LB	9Q	5120-00-061-8540	UPAOZZ	E	EA	1				
GGGF331TY18	81348	HAND FILE SET	9Q	5110-00-204-2685	UPAOZZ	E	SE	1				
37-1040	**51965**	**HANDLE, SURGICAL KNF**	**9L**	**6515-00-344-7820**	**PAOZZ**		**EA**	**1**				
LD257239PC8	10001	HANDLE, SURGICAL KNF	9L	6515-00-344-7920	UPAOZZ	E	EA	1				
~~**10541**~~	~~**02105**~~	~~**HANDPIECE-RESIST TWEEZ**~~	~~**9G**~~	~~**3439-00-406-3047**~~	~~**UPAOZZ**~~	~~**E**~~	~~**EA**~~	~~**1**~~				
~~**02611-1**~~	~~**30879**~~	~~**HANDPIECE-RTY DR CONTRA**~~	~~**9G**~~	~~**5130-01-020-7944TX**~~	~~**UPAOZZ**~~	~~**E**~~	~~**EA**~~	~~**1**~~				

~~88~~	~~27552~~	~~HANDPIECE-RTY DR FLEX~~	~~1RW~~	~~5130-01-020-7942~~	~~TXUPAOZZ~~	~~E~~	~~EA~~	~~1~~				
~~7010-0026~~	~~17794~~	~~HANDPIECE-SLDR EXT SX25V~~	~~9G~~	~~3439-01-191-4961~~	~~UPAOZZ~~	~~R~~	~~EA~~	~~1~~				
~~105142~~	~~02105~~	~~HANDPIECE-THERM SCRAPE~~	~~9G~~	~~3439-01-045-0317~~	~~UPAOZZ~~	~~E~~	~~EA~~	~~1~~				
~~10517~~	~~02105~~	~~HANDPEICE-THERMAL STRIP~~	~~9Q~~	~~5130-01-028-7142~~	~~UPAOZZ~~	~~E~~	~~EA~~	~~1~~				
~~6010-0034~~	~~17794~~	~~HEATER ASSY~~	~~9G~~	~~3439-00-808-1806~~	~~UPAOZZ~~		~~EA~~	~~1~~				
~~10545~~	~~02105~~	~~HEATING ELEMENT, ELE~~	~~9Z~~	~~4540-01-154-0857~~	~~UPA2ZZ~~	~~1~~	~~PR~~	~~1~~				
333	60476	HOLDER, CIRCUITBOARD	9N	5999-01-184-2449	UPAOZZ	E	EA	1				
FIT-221-1/16RED	**92194**	**INSULATION SLEEVING**	**9G**	**5970-00-787-2315**			**FT**	**1**				
		SEE NOTE-6-ABOVE										
FIT-221-3/32YELLOW	**92194**	**INSULATION SLEEVING**	**9G**	**5970-00-787-2321**			**FT**	**1**				
		SEE NOTE-6-ABOVE										
FIT-221-1/8WHITE	**92194**	**INSULATION SLEEVING**	**9G**	**5970-00-088-2975**			**FT**	**1**				
		SEE NOTE-6-ABOVE										
FIT-221-3/16BLACK	**92194**	**INSULATION SLEEVING**	**9G**	**5970-00-954-1622**			**FT**	**1**				
		SEE NOTE-6-ABOVE										
839889	19203	ISOPROPYL ALCOHOL	9G	6810-00-983-8551	UPAOZZ	R	QT	1				
		SEE NOTE-2-ABOVE										
~~73100~~	~~70276~~	~~KEY SET-SKTH SCR~~	~~9Q~~	~~5120-00-439-8988~~	~~UPAOZZ~~	~~E~~	~~SE~~	~~1~~				
~~6-HANDLE/25 BLADE~~	~~03950~~	~~KNIFE, COMPOUND, DENT~~	~~9L~~	~~6520-00-286-4307~~	~~UPAOZZ~~	~~E~~	~~PG~~	~~1~~				
L-81	54381	LABEL, ESD WARNING	9G	7690-01-077-4894	UPA2ZZ	E	RO	1				
1120	02622	LAMP, INCANDESCENT	9L	6240-01-117-7150	UPAOZZ	R	EA	1				
		SEE NOTE-8-ABOVE										
EKE	08807	LAMP, INCANDESCENT	9G	6240-01-331-0841	UPAOZZ	1E	EA	1	2	4	6	8
		SEE NOTE-8-ABOVE										
221217	55055	LIGHT-HIGH INTENSITY	9G	6230-01-033-2081	UPAOZZ	E	EA	1				
~~9268845~~	~~16627~~	~~MANDREL-DNTL-LATCH~~	~~9L~~	~~6520-00-926-8845~~	~~UPAOZZ~~	~~E~~	~~PG~~	~~1~~				
9268846	16627	MANDREL-DNTL-STRAIGHT	9L	6520-00-926-8846	UPAOZZ	E	PG	1				
1115-0002	17794	MANDREL-TPR PNT STR	9C	3040-00-172-5418	UPAOZZ		EA	1				
STEREO ZOOM IV	**06175**	MICROSCOPE X LIGHTXSTAND	9G	6650-01-189-4433	UKFOZZ	R	EA					
		SEE NOTE-9-ABOVE										
NDC00879-0202-32	60964	MINERAL OIL, USP	9L	6505-00-133-6000	UPAOZZ	E	CO	1				
DDM440	81348	MIXING SLAB, DENTAL	9L	6520-00-556-2000	UPAOZZ	E	EA	1				
MIL-L-6085	80066	OIL, LUBRICATING	9G	9150-00-223-4129	UPAOZZ	C	QT	1				
OV-470A	**89715**	**OVEN, THERMAL DRYING**	**9C**	**4430-00-831-4172**	**PAOZZ**		**EA**	**1**				
		SEE NOTE-6-ABOVE										
354	06650	PAPER, LENS	9L	6640-00-240-5851	UPAOZZ	C	PG	2				
GA54-**J**	19915	PLIERS-ANG-FLS CTG 4IN	9Q	**5110-01-352-2434**	UPAOZZ	1	EA	1	1	2	2	3
RN54	19915	PLIERS, **ROUND NOSE 4.5**	9Q	5120-00-126-2076	UPAOZZ	E	EA	1				
D209-5C	75347	PLIERS, DIAGONAL CUT	9Q	**5110-01-352-2435**	UPAOZZ	R	EA	1				
DN54	19915	PLIERS, FLAT NOSE 4	9Q	5120-01-028-0937	UPAOZZ	R	EA	1				
MS54-5	19915	PLIERS, FLUSH CTG	9Q	5110-01-088-4320	7PAOZZ	R	EA	1				
LN-54	**96508**	PLIERS, **NEEDLE NOSE 5**	9Q	**5120-01-435-9570**	UPA2ZZ	E	EA	1				
PL281	50172	PLIERS, MICROM-DB	9Q	5120-01-028-7102	UPAOZZ	E	EA	1				

L4-1	19915	PLIERS, SMTH JAW RD ED	9Q	5120-01-088-4319	UPAOZZ	E	EA	1				
GGGP831	81348	PUNCH, CENTER	9Q	5120-00-293-3510	UPAOZZ	E	EA	1				
HIX-HA1	**51705**	**REPAIR KIT, ELECTRICAL**	**9G**	**5970-01-026-1877**	**PAOZZ**		**KT**	**1**				
		SEE NOTE-6-ABOVE										
MILG36592	81349	RUBBER GLOVE, PATIENT	9L	6515-00-462-0832	UPAOZZ	R	PG	1				
103-2	1H006	SCISSORS, GENERAL SU	9L	6515-00-365-1200	UPAOZZ	E	EA	1				
1017	57068	SCREWDRIVER, FLAT TI	9Q	5120-00-236-2140	UPAOZZ	E	EA	2				
~~1213-0033~~	~~17794~~	~~SEAL-FRONT~~	~~9Z~~	~~5330-01-191-2220~~	~~UPAOZZ~~	~~R~~	~~EA~~	~~1~~				
~~1348-0285~~	~~17794~~	~~SETSCREW~~	~~9Z~~	~~5305-00-163-1930~~	~~UPAOZZ~~		~~EA~~	~~1~~				
		~~SEE NOTE-13-ABOVE~~										
~~3750~~	~~02105~~	~~SETSCREW-SS SLTD SHORT~~	~~9Z~~	~~5305-01-029-0653~~	~~UPAOZZ~~	~~E~~	~~EA~~	~~1~~				
		~~SEE NOTE-13-ABOVE~~										
~~1348-0547~~	~~17794~~	~~SETSCREWS~~	~~9Z~~	~~5305-01-343-6739~~	~~UPAOZZ~~		~~PG~~	~~1~~				
		~~SEE NOTE-12-ABOVE~~										
AS196	21325	SOLDER REMOVAL TOOL	9G	3439-01-064-1811	UPAOZZ	E	EA	1				
50-2-5	34605	SOLDER WICK NO2	9G	3439-01-324-8208	UPAOZZ	1E	EA	3	6	12	12	15
6-SN63-211A	OUD64	SOLDER PASTE	9G	3439-01-384-2071	UPCOZZ	1	EA	1				
		SEE NOTE-10-ABOVE										
RMA230	**0N5C3**	**SOLDER, PASTE**	**9G**	**3439-01-456-5430**			**JR**	**1**				
		SEE NOTE-10-ABOVE										
S290	**1J356**	**SOLDER, PASTE**	**9G**	**3439-01-456-5438**			**CO**	**1**				
		SEE NOTE-10-ABOVE										
SN63WRMAP3 0.015 1/2LB	81348	SOLDER, TIN ALLOY .015	9G	3439-01-008-7580	UPAOZZ	1E	SL	1	1	2	2	3
SN63WRMAP3 0.028 1LB	81348	SOLDER, TIN ALLOY .028	9G	3439-01-008-7577	UPA2ZZ	1E	SL	1	1	2	2	3
SN63WRMAP3 0.036 1LB	81348	SOLDER, TIN ALLOY .036	9G	3439-01-008-7578	UPAOZZ	1E	SL	1	1	2	2	3
SN63WRMAP3 0.063 1LB	81348	SOLDER, TIN ALLOY .063	9G	3439-00-473-2000	UPAOZZ	1E	SL	1	1	2	2	3
SN63WRMAP3 0.090 1LB	**81348**	**SOLDER, TIN ALLOY .090**	**9G**	**3439-01-146-6953**	**PAOZZ**	**1**	**SL**					
		SEE NOTE-6-ABOVE										
~~3108-30~~	~~02105~~	~~SOLDERING IRON, ELEC~~	~~9G~~	~~3439-01-129-3912~~	~~UPAOZZ~~	~~R~~	~~EA~~	~~1~~				
23559	72574	SPATULA-DNTL NO324	9L	6520-00-556-8000	UPAOZZ	E	EA	1				
260000MAX-FIT	87743	SPECTACLES, INDUSTRIAL	9G	4240-01-140-0282	UPAOZZ	C	PR	1				
A7578690	19207	SPUDGER	9G	5120-00-293-3112	UPAOZZ		EA	1				
676	73792	STEEL MACHINE RULE	9Q	5210-00-234-5223	UPAOZZ	E	EA	1				
HG4	06565	STONE, SHARPENING	9L	6520-00-536-2150	UPAOZZ	E	EA	1				
~~005-0928-000~~	~~13499~~	~~TAPE, ANTI-SEIZE~~	~~9Q~~	~~8030-00-889-3535~~	~~UPAOZZ~~	~~C~~	~~EA~~	~~1~~				
232	26066	TAPE, PRESSURE SENSI	9Q	7510-00-266-6714	UPAOZG		RO	1				
~~MILC17223~~	~~81349~~	~~TIP CLEANERS~~	~~9G~~	~~3439-00-270-6047~~	~~UPAOZZ~~	~~E~~	~~SE~~	~~1~~				
~~1121-0214-025~~	~~17794~~	~~TIP-EXTRACTOR .025IN~~	~~9G~~	~~3439-01-138-7539~~	~~UPAOZZ~~	~~E~~	~~PG~~	~~1~~				
6000-0008	17794	TIP-LAP REFLOW-FLAT	9G	3439-00-417-7258	UPAOZZ		EA	1				
6000-0025	17794	TIP-LAP REFLOW-WIRE	9G	3439-01-143-7743	UPAOZZ	E	EA	1				
~~10542~~	~~02105~~	~~TIP-RESIST TWEEZER~~	~~9G~~	~~3439-01-044-5749~~	~~UPAOZZ~~	~~E~~	~~PG~~	~~1~~				

~~1121-0131~~	~~17794~~	~~TIP-SLDG1-16 IN CHSL~~	~~9G~~	~~3439-00-149-8197~~	~~UPAOZZ~~	~~1E~~	~~EA~~	~~2~~	~~2~~	~~4~~	~~4~~	~~6~~
~~1121-0130~~	~~17794~~	~~TIP-SLDG 1-8IN CHSL~~	~~9G~~	~~3439-00-808-1581~~	~~UPAOZZ~~	~~1E~~	~~EA~~	~~2~~	~~2~~	~~4~~	~~4~~	~~6~~
~~1121-0132~~	~~17794~~	~~TIP-SLDG-TAPERCONE~~	~~9G~~	~~3439-00-149-8196~~	~~UPAOZZ~~	~~1~~	~~EA~~	~~1~~	~~2~~	~~4~~	~~4~~	~~6~~
105146	02105	TIP-THERM SCRAPER-SHORT	9G	3439-01-045-0316	UPAOZZ	1E	EA	1	2	4	4	5
~~10529~~	~~02105~~	~~TIP-THERMAL NI STRIPPE~~	~~9G~~	~~3439-01-037-2495~~	~~UPAOZZ~~	~~1E~~	~~EA~~	~~1~~	~~2~~	~~4~~	~~4~~	~~6~~
520	06888	TOOL BOX, PORTABLE	9Q	5140-00-319-5079	UPAOZZ	E	EA	1				
SEE NOTES ABOVE	03950	TOOL KIT-2M	1HS		UXB0ZZ	1	EA		1	2	3	4
AWG18	71827	TOOL, ANTI-WICKING	9Q	5120-00-954-1265	UPAOZZ	R	EA	1				
900S	33591	TOWEL, PAPER	9Q	7920-00-721-8884	UPAOZZ		BX	1				
2570-0010	57216	TRACK PAD REPAIR KIT	9N	5895-01-136-2705	UPAOZZ	E	EA	1				
MIL-T36754	81349	TRAY, DENTAL INSTRUMENT	9L	6520-00-435-3076	UPA2ZZ	E	EA	1				
~~1265-0003~~	~~97993~~	~~TUBE, GLASS SOLDER~~	~~9G~~	~~9340-00-149-8190~~	~~UPAOZZ~~		~~EA~~	~~1~~				
~~1325-0003~~	~~17794~~	~~TUBING, NONMETALLIC~~	~~9C~~	~~4720-00-848-0900~~	~~UPAOZZ~~	~~E~~	~~FT~~	~~6~~				
43134	58692	TWEEZER-CTG	9Q	5120-00-596-1210	UPAOZZ	E	EA	1				
AWG20	71827	TWEEZERS, ANTIWICKIN	9Q	5120-00-954-1269	UPAOZZ	E	EA	1				
AWG22	71827	TWEEZERS, ANTIWICKIN	9Q	5120-00-954-1270	UPAOZZ	E	EA	1				
AWG24	71827	TWEEZERS, ANTIWICKIN	9Q	5120-00-954-1272	UPAOZZ	E	EA	1				
43118	58692	TWEEZERS, CRAFTS	9Q	5120-00-288-9685	UPAOZZ	E	EA	1				
7946	72653	TWEEZERS, CRAFTSMAN'	9Q	5120-00-293-0149	UPAOZZ	E	EA	1				
301	60476	VISE, MULTIPOSITION	9Q	5120-00-991-1907	UPAOZZ	E	EA	1				
48-112	73969	VISE, PIN	9Q	5120-00-595-8467	UPAOZZ	E	EA	1				
~~13090020~~	~~17794~~	~~VISIFILTER~~	~~9C~~	~~4330-01-149-0247~~	~~UPAOZZ~~	~~E~~	~~EA~~	~~2~~				
SWB40-MC7	58561	WATCH, STATIC MEDIUM	9N	5920-01-235-4141	UPA2ZZ	E	EA	1				
SWB40-LC7	58561	WATCH, STATIC LARGE	9N	5920-01-282-9865	UPAOZZ		EA	1				
1129-0007	17794	WHEEL-ABRSV BUL FINE	9G	3460-00-225-1955	UPAOZZ	1	EA	1	12	24	24	36
8XF	86297	WHEEL-ABRSV BUL X-FINE	9Q	5130-00-165-0929	UPAOZZ	1E	BX	1	12	24	24	36
WR999	18037	WHEEL, KNIFE EDGE 5-8 IN	9L	6520-00-523-1120	UPAOZZ	E	BX	1				
KAYDRY3472	33591	WIPER, LARGE	9Q	7920-00-965-1709	UPAOZZ	C	BX	1				
45-187	30119	WIRE STRIPPER 16-26AWG	9Q	5110-01-090-5870	UPAOZZ	R	EA	1				
CS4940-0001-1	16236	WORK STATION KIT	9C	4940-01-250-4235	UPAOZZ	R	EA	1				

MULTI-REFERENCE NUMBER	CAGE	PRIMARY REFERENCE NUMBER	MULTI-REFERENCE NUMBER	CAGE	PRIMARY REFERENCE NUMBER
BI2600	3V753	SEE NOTE 3 ABOVE	EPOXIPATCHKT0151	04347	005-0991-000
GGB00821-10PER PG	81348	14772	GGB00821-10PER PG	81348	14760
GGC001433	81348	24042	GGD00426-100PER BX	81348	11.7801
GGG-D-751	81348	33A	GGG-H-86	81348	A-A-1305
GGGD751	81348	29A	GGH0080	81348	LD257239PC8
GGH0080-6PER PG	81348	GGH0080 SZ20 6/PG	GGH0080-6PER PG	81348	GGH0080 SZ15 6/PG
GGH0080-6PER PG	81348	GGH0080 SZ11 6/PG	GGM00108-6PER PG	81348	9268845
GGM00108-6PER PG	81348	9268846	GGS00590	81348	23559
GGW00253-25PER BOX	81348	WR999	M3	23059	1115-0002
PPD-105	55719	565D	PPP-T-42	81348	232
SEE NOTE-4 ABOVE	03950	SEE NOTE 3 ABOVE	SN63WRMAP3AWG28	81348	SN63WRMAP3 0.015 1/2LB
384106	37428	14733	384305	37428	14832
384307	37428	14844	8-010 12 PER PG	89875	6161

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