AMC PAMPHLET AMC-P 700-3-5

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LOGISTICS

COMPLETE ROUND CHARTS

GRENADES, MINES, PYROTECHNICS, ROCKETS, ROCKET MOTORS, DEMOLITION MATERIAL

U.S. ARMY MATERIEL COMMAND JUNE 1986

DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MATERIEL COMMAND
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AMC PAMPHLET
No. 700-3-5

30 June 1986

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*This pamphlet supersedes DARCOM Pamphlet No. 700-3-5 Ammunition Complete Round Chart, dated November 1983.

Section I

INTRODUCTION

1. Purpose. This pamphlet has been prepared as the fifth of a series of complete round charts on conventional ammunition. It contains basic source data for the items of conventional grenades, mines, pyrotechnics, rockets, rocket motors, and demolition material currently in the supply system.

2. Scope. This pamphlet provides a source of information for personnel whose official duties involve the use of data concerning grenades, mines, pyrotechnics, rockets, rocket motors, and demolition material. The information contained in these charts is constantly subject to change and, therefore, should be considered as reference material only.

3. Numerical values. Numerical values, such as weights, dimensions, candlepower, etc., are nominal values, except when specified as maximum or minimum. Actual items may vary slightly from these values. Allowable limits can be obtained from the drawings indicated in the data sheets.

4. Metric conversions. For approximate conversions to metric measures:

Symbol	When you know	Multiply by	To find	Symbol
		LENGTH		
in	inches	2.5	centimeters	cm
ft	feet	30	centimeters	cm
yd	yards	0.9	meters	m
mi	miles	1.6	kilometers	km
		AREA		
in^2	square inches	6.5	square centimeters	cm^2
ft^2	square feet	0.09	square meters	m^2
yd^2	square yards	0.8	square meters	m^2
mi^2	square miles	2.6	square kilometers	km^2
	acres	0.4	hectares	ha

Symbol	When you know	Multiply by	To find	Symbol
		MASS (weight)		
oz	ounces	28	grams	g
lb	pounds	0.45	kilograms	kg
	short tons (2000 lb)	0.9	tonnes	t
		VOLUME		
tsp	teaspoons	5	milliliters	ml
Tbsp	tablespoons	15	milliliters	ml
fl oz	fluid ounces	30	milliliters	ml
c	cups	0.24	liters	l
pt	pints	0.47	liters	l
qt	quarts	0.95	liters	l
gal	gallons	3.8	liters	l
ft^3	cubic feet	0.03	cubic meters	m^3
yd^3	cubic yards	0.76	cubic meters	m^3
		FAHRENHEIT TEMPERATURE (exact)		
°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C

For approximate conversions to the U.S. system:

Symbol	When you know	Multiply by	To find	Symbol
		LENGTH		
mm	millimeters	0.04	inches	in
cm	centimeters	0.4	inches	in
m	meters	3.3	feet	ft
m	meters	1.1	yards	yd
km	kilometers	0.6	miles	mi

Symbol	When you know	Multiply by	To find	Symbol
		AREA		
cm^2	square centimeters	0.16	square inches	in^2
m^2	square meters	1.2	square yards	yd^2
km^2	square kilometers	0.4	square miles	mi^2
ha	hectares (10,000 m^2)	2.5	acres	
		MASS (weight)		
g	grams	0.035	ounces	oz
kg	kilograms	2.2	pounds	lb
t	tonnes (1000 kg)	1.1	short tons	
		VOLUME		
ml	millileters	0.03	fluid ounces	fl oz
l	liters	2.1	pints	pt
l	liters	1.06	quarts	qt
l	liters	0.26	gallons	gal
m^3	cubic meters	35	cubic feet	ft^3
m^3	cubic meters	1.3	cubic yards	yd^3
		TEMPERATURE (exact)		
°C	Celsius temperature	9/5 (then add 32)	Fahrenheit temperature	°F

5. Abbreviations and Symbols.

Acft	Aircraft
AMCTCM	Army Materiel Command Technical Committee Minutes (Item No.)
APERS	Antipersonnel
Approx	Approximate
Assy	Assembly
AT	Antitank
BD	Base Detonating
BP	Black Powder
Cal	Caliber
CM	Adamsite
Comb	Combination
Comm	Commercial
Comp	Composition
CN	Chloroacetophenone
CON	Contingency
CS	O-chlorobenzalmalononitrile
Ctg	Cartridge
C&T	Contingency and Training
Ctn	Container
Det	Detonator
Dia	Diameter
Dwg	Drawing
Ea	Each
Elec	Electric
Ft	Feet
Fibr	Fiber
G	Green
GG	Green-Green
GM	Guided Missile
Gr	Grain
G (g)	Gram
GT-GR	Green Tracer-Green Red
GT-RR	Green Tracer-Red Red
GT-RY	Green Tracer-Red Yellow
G-Y	Green-Yellow
HBX	High Explosive
HC	Hexachloroethane-zinc oxide mixture
HE	High Explosive
Illum	Illuminant, Illuminating
Inst	Instantaneous
LAW	Light Antitank Weapon

Lb	Pound
LCC-A	Logistic ; Condition Code
LCC-B	Logistic Condition Code
LP	Limited Production
MIL	Military
Min	Minimum
MM	Millimeter
MT	Mechanical Time
NM	Nonmetallic
NO	Number
OAC	Ordnance Ammunition Command (Army Ammunition Procurement and Supply Agency)
OBS	Obsolete
Oz (oz)	Ounce
PA-PD	Picatinny Arsenal Purchase Description
Pcht	Parachute
Perc	Percussion
PIBD	Point Initiating, Base Detonating
Prac	Practice
Proj	Projectile
R	Red
Req'd	Required
Rkt	Rocket
RR	Red Red
RS	Red Smoke
RT-GR	Red Tracer-Green Red
RT-RR	Red Tracer-Red Red
Sec	Second
Spec	Specification
STD	Standard
T	Tracer
TH3	Thermate
V	Violet
Vpr Prf	Vapor Proof
VT	Variable Time
w/	with
Wdn	Wooden
WP	White Phosphorous
W Smk	White Smoke
Y	Yellow
YT-RY	Yellow Tracer-Red Yellow
YY	Yellow Yellow

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CHART 1. GRI

COMPLETE ASSEMBLY								CO	
LINE NO.	TYPE CLASSI-FICA-TION	MSR, CCTC, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIG-NATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	ASSEMBLY DRAWING NO.	SPEC. NO.	BOI DRAWING NO.	
1	OBS	08746046	Grenade, Hand, CN 1	ABC-M25A1	0.47 (212 g)	13-25-27	MIL-G-10280	12/	
2	OBS	08746046	Grenade, Hand, CN 1	ABC-M25A2	0.47 (212 g)	13-25-27	MIL-G-10280	12/	
3	OBS	6558	Grenade, Hand, Fragmentation	MK2	1.4 (630 g)	82-0-143	MIL-G-20562	82-0-143	
4	OBS	11756003	Grenade, Hand, Fragmentation	M26	0.95 (428 g)	82-0-190	MIL-G-13672	82-1-106	
5	STD OBS	5666 10826016	Grenade, Hand, Fragmentation	M26A1 M26A2	0.95 (428 g)	9212181	MIL-G-14789	9212182	
6	OBS	11756003	Grenade, Hand, Fragmentation Delay	M33	0.87 (392 g)	8810741	AEI-499	8810742	
7	OBS	11756003	Grenade, Hand, Fragmentation Delay	M56 3/, 16/	0.95 (428 g)	8840255 9/	MIL-G-13672	8840254	
8	OBS	10826016	Grenade, Hand, Fragmentation	M57 3/	0.95 (423 g)	9210138 9/	MIL-G-14795	8840254	
9	STD	7764	Grenade, Hand, Fragmentation Impact	M59 (M33A1) 16/	0.87 (392 g)	8833936	AEI-500	8810742	
10	STD	6446	Grenade, Hand, Fragmentation	M61 14/	0.95 (428 g)	9231594	PA-PD-3083	9233396	
11	STD	7764	Grenade, Hand, Fragmentation Delay	M67 16/	0.87 (392 g)	9235492	MIL-G-14933	8810742	
12	OBS	08846004	Grenade, Hand, Fragmentation Impact	M68 16/	0.87 (392 g)	9235493	MIL-G-14934	8810742	
13	OBS	3794 15/	Grenade, Hand, Incendiary TH3	AN-M14	2.0 (900 g)	13-17-3	MIL-G-12297	12/	
14	OBS	37119	Grenade, Hand, Offensive	MK3A1	0.9 (405 g)	82-0-79	—	75-14-346	
15	OBS	11756003	Grenade, Hand, Offensive	MK3A2 16/	0.98 (441 g)	9215458	MIL-G-13706	9215459	
16	OBS	11756003	Grenade, Hand, Practice	M21	1.3 (585 g)	82-0-1	PXS-312	—	

CHART 1. GRENADES, HAND AND RIFLE

ASSEMBLY				COMPONENT PARTS							
					BODY LOADING			METAL PARTS DRAWING NO.	PROJECTION ADAPTER		
	MODEL DESIGNATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	ASSEMBLY DRAWING NO.	SPEC. NO.	DRAWING NO.	FILLER COMP	FILLER WEIGHT LB/(g) 1/		DESIGNATION	DRAWING NO.	DESIGN
	ABC-M25A1	0.47 (212 g)	13-25-27	MIL-G-10280	12/	CN1	0.2 (90 g)	13-25-21	18/	—	(Integral 5/
	ABC-M25A2	0.47 (212 g)	13-25-27	MIL-G-10280	12/	CN1	0.2 (90 g)	13-25-21	18/	—	(Integral 5/
ion	MK2	1.4 (630 g)	82-0-143	MIL-G-20562	82-0-143	TNT	0.2 (90 g)	82-1-15	M1 6/, 21/	82-1-81	M204A1 M204A2
ion	M26	0.95 (428 g)	82-0-190	MIL-G-13672	82-1-106	Comp B	0.33 (149 g)	82-1-107	M1A2 20/	9216131	M204A1 M204A2
ion	M26A1 M26A2	0.95 (428 g)	9212181	MIL-G-14789	9212182	Comp B	0.33 (149 g)	9212180	M1A2 20/	9216131	M204A2 M217
ion	M33	0.87 (392 g)	8810741	AEI-499	8810742	Comp B	0.41 (185 g)	8810743	18/	—	M213
ion	M56 3/, 16/	0.95 (428 g)	8840255 9/	MIL-G-13672	8840254	Comp B	0.39 (176 g)	8840253	M1A2 20/	9216131	M215
ion	M57 3/	0.95 (428 g)	9210138 9/	MIL-G-14795	8840254	Comp B	0.39 (176 g)	8840253	18/	—	M217 4/
ion	M59 (M33A1) 16/	0.87 (392 g)	8833936	AEI-500	8810742	Comp B	0.41 (185 g)	8810743	18/	—	M217
ion	M61 14/	0.95 (428 g)	9231594	PA-PD-3083	9233396	Comp B	0.33 (149 g)	9212180	M1A2 20/	9216131	M204A M204A
ion	M67 16/	0.87 (392 g)	9235492	MIL-G-14933	8810742	Comp B	0.41 (185 g)	8810743	18/	—	M21
ion	M68 16/	0.87 (392 g)	9235493	MIL-G-14934	8810742	Comp B	0.41 (185 g)	8810743	18/	—	M217
	AN-M14	2.0 (900 g)	13-17-3	MIL-G-12297	12/	TH3	1.7 (765 g)	13-11-24	M2A1 19/	9232012 82-1-84	M201A
	MK3A1	0.9 (405 g)	82-0-70	—	75-14-346	TNT	0.43 (194 g)	82-1-22	18/	—	M206A
	MK3A2 16/	0.98 (441 g)	9215458	MIL-G-13706	9215459	TNT	0.43 (194 g)	9215464	18/	—	M206A
	M21	1.3 (585 g)	82-0-1	PXS-312	—	BP	21 grains	82-1-92	M1 6/ M1A1 21/ M1A2	82-1-81 82-1-86 9216131	M10A

	COMPONENT PARTS						FUZE		PACKING	
		BODY LOADING		METAL PARTS DRAWING NO.	PROJECTION ADAPTER					
	DESIGNAT	FILLER COMP	FILLER WEIGHT LB/(g) 1/		DESIG-NATION	DRAWING NO.	DESIGNATION	DRAWING NO.	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
	(Integral I 5/	CN1	0.2 (90 g)	13-25-21	18/	—	(Integral Fuze) 5/	(Integral Fuze)	13-9-103	13-9-89
	(Integral I 5/	CN1	0.2 (90 g)	13-25-21	18/	—	(Integral Fuze) 5/	(Integral Fuze)	13-9-103 13-9-90	13-9-89
-81	M204A1 M204A2	TNT	0.2 (90 g)	82-1-15	M1 6/, 21/	82-1-81	M204A1 M204A2	82-1-87 7548570 82-1-31	76-1-1154	76-1-1266
131	M204A1 M204A2	Comp B	0.33 (149 g)	82-1-107	M1A2 20/	9216131	M204A1 M204A2	82-1-87 7548570	7548339	7548340
131	M204A2 M217	Comp B	0.33 (149 g)	9212180	M1A2 20/	9216131	M204A2 M217	7548570 10998765	7548339	7548340
	M213	Comp B	0.41 (185 g)	8810743	18/	—	M213	8822131	8836008	8836007
131	M215	Comp B	0.39 (176 g)	8840253	M1A2 20/	9216131	M215	8838010	7548339	7548340
	M217 4/	Comp B	0.39 (176 g)	8840253	18/	—	M217 4/	10998765	7548339	7548340
	M217	Comp B	0.41 (185 g)	8810743	18/	—	M217	10998765	8836008	8836007
5131	M204A1 M204A2	Comp B	0.33 (149 g)	9212180	M1A2 20/	9216131	M204A1 M204A2	82-1-87 7548570	7548339	7548340
—	M21?	Comp B	0.41 (185 g)	8810743	18/	—	M21?	8822131	8836008	8836007
—	M217	Comp B	0.41 (185 g)	8810743	18/	—	M217	10998765	8836008	8836007
2012 1-84	M201A1	TH3	1.7 (765 g)	13-11-24	M2A1 19/	9232012 82-1-84	M201A1	13-10-22	13-9-98	13-17-30
—	M206A1 46	TNT	0.43 (194 g)	82-1-22	18/	—	M206A1	82-1-87	76-16-562	76-16-564
—	M206A2	TNT	0.43 (194 g)	9215464	18/	—	M206A2	7548570	9215731 9211614 10/, 11/	9215732 9211615 10/, 11/
-1-81 -1-86 16131	M10A2	BP	21 grains	82-1-92	M1 6/ M1A1 2/ M1A2	82-1-81 82-1-86 9216131	M10A2	82-1-46	75-4-210	76-1-1266 76-1-522

CHART 1. GRENADE

COMPLETE ASSEMBLY								COMPO	
LINE NO.	TYPE CLASSIFICATION	MSR, CCTC, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIGNATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	ASSEMBLY DRAWING NO.	SPEC. NO.	BODY LO	
								DRAWING NO.	FILL COMP
17	OBS	11756003	Grenade, Hand, Practice	M21	1.3 (585 g)	82-0-144	MIL-G-10648	82-1-48	BP
18	OBS	11765003	Grenade, Hand, Practice	M30	0.95 (428 g)	8861647	MIL-G-46644	8861650	BP
19	OBS	11756003	Grenade, Hand, Practice, Delay	M62 14/	0.95 (428 g)	9231597	MIL-G-50250	8861650	BP
20	STD	8345	Grenade, Hand, Practice, Delay	M69	0.87 (392 g)	9235208	MIL-G-14944	9235207	BP
21	OBS	7865	Grenade, Hand, Riot, CN-DM	M6	1.06 (477 g)	13-22-3	MIL-G-10124	12/	CN-D
22	OBS	7865	Grenade, Hand, Riot, CN-DM	M6A1	1.25 (563 g)	13-22-9	MIL-G-45401	12/	CN-D
23	OBS	08746046	Grenade, Hand, Riot, CN	M7	1.06 (477 g)	13-21-3	MIL-G-13961	12/	CN
24	OBS	08746046	Grenade, Hand, Riot, CN	M7A1	1.16 (522 g)	13-21-7	MIL-G-11968	12/	CN
25	OBS	08746046	Grenade, Hand, Riot, CS	ABC-M7A2	0.97 (437 g)	13-22-29	MIL-G-46969	12/	CS
26	STD	08746046	Grenade, Hand, Riot, CS	ABC-M7A3	0.97 (437 g)	13-22-35	MIL-G-60087	12/	CS
27	OBS	08746046	Grenade, Hand, Riot Simulant, T1	M25A2	0.47 (212 g)	13-25-55	—	13/	CS1
28	OBS	08746046	Grenade, Hand, Riot, CS 1 or DM 1 17/	ABC-M25A2	0.5 (225 g)	13-25-55	MIL-G-46459	12/	CSI DMI
29	STD	08746046	Grenade, Hand, Riot, CS	M47	0.1 (45 g)	13-25-70	MIL-G-51375	13-25-72	CS
30	CON	11756003	Grenade, Hand, Riot, CS	M54	1.00 (450 g)	13-22-45	EA-PD 196-131-181	12/	CS
31	OBS	08746046	Grenade, Hand, Riot, CS	M58	0.26 (117 g)	13-21-16	MIL-G-51332	12/	CS Py techn
32	STD	3408	Grenade, Hand, Smoke	AN-M8	1.5 (675 g)	13-19-32	MIL-G-12327	12/	HC

PART 1. GRENADES, HAND AND RIFLE — Continued

COMPONENT PARTS						FUZE		PACKING	
BODY LOADING			METAL PARTS DRAWING NO.	PROJECTION ADAPTER					
FILL COMP	DRAWING NO.	FILLER COMP	FILLER WEIGHT LB/(g) 1/	DESIG-NATION	DRAWING NO.	DESIGNATION	DRAWING NO.	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
BP	-1-48	BP	21 grains	82-1-92	M1 6/, 20/	82-1-81	M205A1 M205A2	7548570	7548339	7548340
BP	61650	BP	37.5 grains	8861648	M1A2 20/	9216131	M205A1 M205A2	82-1-46 7548570	7548339	7548340
BP	61650	BP	37.5 grains	8861648	M1A2 20/	9216131	M205A1 M205A2	7548570	7548339	7548340
BP	35207	BP	37.5 grains	9235207	18/	—	M228	9235210	9251421	9251422
CN-D	/:	CN-DM	0.64 (288 g)	13-20-12	M2A1 19/	9232012 82-1-84	M201A1	13-10-22	13-9-102	13-9-89
CN-D	/:	CN-DM	0.58 (261 g)	13-20-56	M2A1 19/	9232012 82-1-84	M201A1	13-10-22	13-9-44	13-9-96
CN	/:	CN	0.64 (288 g)	13-20-12 13-20-41	M2A1 19/	9232012 82-1-84	M201A1	13-10-22	13-9-102	13-9-89
CN	/:	CN	0.78 (351 g)	13-20-56	M2A1 19/	9232012 82-1-84	M201A1	13-10-22	13-9-44	13-9-96
CS	/:	CS	0.56 (252 g)	13-20-56	M2A1 19/	9232012 82-1-84	M201A1	13-10-22	13-9-44	13-9-96
CS	/:	CS	0.75 (338 g)	13-20-56	M2A1 19/	9232012 82-1-84	M201A1	13-10-22	13-9-44	13-22-46
CS1	/:	CS1	0.21 (95 g)	13-25-21	18/	—	(Integral Fuze) 5/	(Integral Fuze)	13-9-103 13-9-90	13-9-89
CSI DMI	/:	CSI DMI	0.125 (56 g) 0.144 (65 g)	13-25-21	18/	—	(Integral Fuze) 5/	(Integral Fuze)	13-9-103 13-9-90	13-9-89
CS	-25-72	CS	6.5 oz (182 g)	13-25-72	—	—	M227E1	13-10-40	D13-25-81	D13-25-91
CS	/:	CS	0.27 (122 g)	13-22-45	M2A1 19/	9232012	M226	13-10-31	13-9-44	13-9-96
CS Py, techn	/:	CS Pyro-technic	42 grains	13-21-22	18/	—	M201A1E	13-21-23	13-9-44	13-9-96
HC	/:	HC	1.2 (540 g)	13-20-11	M2A1 19/	9232012 82-1-84	M201A1	13-10-22	13-9-44	13-19-83

CHART 1. GRENADE

COMPLETE ASSEMBLY								COMPO	
LINE NO.	TYPE CLASSI-FICA-TION	MSR, CCTC, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIG-NATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	ASSEMBLY DRAWING NO.	SPEC. NO.	BODY LO	
								DRAWING NO.	FILLE COM
33	OBS	11756003	Grenade, Hand, Smoke	M15	1.9 (855 g)	13-19-18	MIL-G-12237	12/	WP
34	STD	3450 15/	Grenade, Hand, Smoke, Colored	M18	1.2 (540 g)	13-19-37	MIL-G-12326	12/	Colore Smoke
35	OBS	11756003 15/	Grenade, Hand & Rifle, Smoke, WP	M34	1.5 (675 g)	13-7-4	MIL-G-46690	12/	WP
36	STD	08746046	Grenade, Hand, Smoke, Red	M48	13.6 (6120 g)	13-25-71	MIL-G-51374	13-25-72	RS
37	OBS	11756003	Grenade, Hand, Training	MK1A1	1.3 (585 g)	82-1-7	—	—	—
38	OBS	11756003	Grenade, Rifle, Smoke, WP	M19A1	1.5 (675 g)	82-0-109	PA-PD-2686	75-14-436	White Phosp rous
39	OBS	11756003	Grenade, Rifle, Smoke, Colored, Series	M22A2	1.26 (567 g)	82-0-117	MIL-G-20473	75-14-448	7/1
40	OBS	11756003	Grenade, Rifle, Smoke, Colored Streamer Series	M23A1	1.16 (522 g)	82-0-139	MIL-G-20435	75-14-523	7/
41	OBS	11756003	Grenade, Rifle AT, Practice	M29	1.5 (675 g)	8864102	MIL-G-46914	—	—
42	OBS	11756003	Grenade, Rifle HE, AT	M31	1.56 (702 g)	82-0-195	MIL-G-12967	82-5-50	Comp
43	STD	07766009	Grenade, Launcher, Smoke	UKL8A1	1.5 (680 g)	TW74GF	—	TW26AF	Red Pl Butyl Rubbe
44	STD	—	Grenade, Launcher, Smoke	UKL8A3	1.5 (680 g)	TW132GF	MIL-G-51478	TW152AF	Red Pl Butyl Rubbe
45	STD	05856004	Grenade, Launcher, Smoke IR Screening	M76	4.02 (1809 g)	13-19-150	EA-G-1336	13-19-192	IR Screeni

1/ Weight is in pounds except as noted.
2/ May also be supplied with Fuze M206A2 (Drawing 7548570)
3/ M56 Grenade was formerly the M26A2 Grenade with Fuze, M215. The M57 Grenade was formerly the M26A2 Grenade with Fuze, M217.
4/ M57 Grenade not authorized for use as rifle grenade because it is equipped with M217 Impact Fuze.
5/ No specified designation. Integral with grenade assembly.
6/ Projection Adapter, M1 is restricted to use with Grenade, Hand, Fragmentation, MK2 and Grenade, Hand, Practice, M21.
7/ Dye color included to color smoke red, green, or yellow.
8/ A separately issued stabilizer tube-fin assembly is available for replacement purposes.
9/ Drawing is still designated "M26A2". (See Note 3.)
10/ 50 per box without fuze (Navy issue only).
11/ 2C per box with fu
12/ Same as complete
13/ Use complete ass
14/ XM61 Fragmentat M30 Grenades exc
15/ CCTC & CWTC re
16/ Grenade, Hand, M safety factor.
17/ DM filled Grenade
18/ Not fitted for Proj
19/ Adapter Projectio
20/ Adapter Projectio
21/ Adapter Projectio

CHART 1. GRENADES, HAND AND RIFLE — Continued

COMPOSITION OF FILLER	ASSEMBLY: MODEL DESIGNATION	ASSEMBLY: NOMINAL WEIGHT LOADED AND FUZED LB/(g)	ASSEMBLY: ASSEMBLY DRAWING NO.	COMPONENT PARTS: SPEC. NO.	BODY LOADING: DRAWING NO.	BODY LOADING: FILLER COMP	BODY LOADING: FILLER WEIGHT LB/(g) 1/	METAL PARTS DRAWING NO.	PROJECTION ADAPTER/STABILIZER FIN ASSY: DESIGNATION	PROJECTION ADAPTER/STABILIZER FIN ASSY: DRAWING NO.	FUZE DESIGNATION
WP	M15	1.9 (855 g)	13-19-18	MIL-G-12237	12/	WP	0.9 (405 g)	13-20-45	18/	—	M206A1 2/
Colored Smoke	M18	1.2 (540 g)	13-19-37	MIL-G-12326	12/	Colored Smoke	0.72 (324 g)	13-19-82	M2A1 19/	9232012 82-1-84	M201A1
WP	M34	1.5 (675 g)	13-7-4	MIL-G-46690	12/	WP	0.94 (425 g)	13-7-11	M1A2 20/	9216131	M206A2
RS	M48	13.6 (6120 g)	13-25-71	MIL-G-51374	13-25-72	RS	5.7 oz (159.6 g)	13-25-72	—	—	M227E1
—	MK1A1	1.3 (585 g)	82-1-7	—	—	—	-	82-1-7	M1A1 20/	82-1-86	—
White Phosphorous	M19A1	1.5 (675 g)	82-0-109	PA-PD-2686	75-14-436	White Phosphorous	0.53 (239 g)	82-2-38	N/A	82-2-40	(Integral F 5/
7/1	M22A2	1.26 (567 g)	82-0-117	MIL-G-20473	75-14-448	7/1	0.4 (180 g)	82-2-44	N/A	82-2-78	(Integral F 5/
7/	M23A1	1.16 (522 g)	82-0-139	MIL-G-20435	75-14-526	7/	0.4 (180 g)	82-2-44	N/A	82-2-47	(Integral F 5/
—	M29	1.5 (675 g)	8864102	MIL-G-46914	—	—	-	8864098	N/A 8/	8864104	—
Comp B	M31	1.56 (702 g)	82-0-195	MIL-G-12967	82-5-50	Comp B	0.62 (279 g)	82-2-50	N/A	82-2-49	M211
Red Phos. Butyl Rubber	UKL8A1	1.5 (680 g)	TW74GF	—	TW26AF	Red Phos. Butyl Rubber	0.8 (360 g)	TW21AF	N/A	—	F92MK2
Red Phos. Butyl Rubber	UKL8A3	1.5 (680 g)	TW132GF	MIL-G-51478	TW152AF	Red Phos Butyl Rubber	0.8 (360 g)	TW148AF	N/A	—	F92MK2
IR Screening	M76	4.02 (1809 g)	13-19-150	EA-G-1336	13-19-192	IR Screening	3.1 (1395 g)	N/A	N/A	—	(Integral F 5/

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(Drawing 7548570)
Grenade with Fuze, M215. The M57 Grenade
Fuze, M217.
rifle grenade because it is equipped with

grenade assembly.
use with Grenade, Hand, Fragmentation,
1.
green, or yellow.
assembly is available for replacement purposes.
See Note 3.)
y).

11/ 2C per box with fuze.
12/ Same as complete assembly drawing number.
13/ Use complete assembly specification.
14/ XM61 Fragmentation and XM62. Practice Grenades are identical with M26A1 and M30 Grenades except for addition of safety clip.
15/ CCTC & CWTC responsibility of Edgewood Arsenal.
16/ Grenade, Hand, M56. 59. XM67 & XM68, MK3A2 have safety clips as additional safety factor.
17/ DM filled Grenades obsolete, AMCTC 7865.
18/ Not fitted for Projection Adapter for rifle launching.
19/ Adapter Projection chemical M2A1 and M2 - obsolete - MSR 11756003.
20/ Adapter Projection M1A2 - obsolete - MSR 11756003.
21/ Adapter Projection M1 - obsolete - MSR 05776015.

COMPONENT PARTS						FUZE		PACKING	
BODY LOADING			METAL PARTS DRAWING NO.	PROJECTION ADAPTER/ STABILIZER FIN ASSY					
DESIGNATION	FILLER COMP	FILLER WEIGHT LB/(g) 1/		DESIGNATION	DRAWING NO.	DESIGNATION	DRAWING NO.	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
M206A1 2/	WP	0.9 (405 g)	13-20-45	18/	—	M206A1 2/	82-1-104	13-9-102	13-9-89
M201A1	Colored Smoke	0.72 (324 g)	13-19-82	M2A1 19/	9232012 82-1-84	M201A1	13-10-22	13-9-44	13-19-83
M206A2	WP	0.94 (423 g)	13-7-11	M1A2 20/	9216131	M206A2	7548570	13-9-98	13-7-4
M227E1	RS	5.7 oz (159.6 g)	13-25-72	—	—	M227E1	13-10-40	D13-25-81	D13-25-91
—	—	-	82-1-7	M1A1 20/	82-1-86	—	—	76-16-248	76-16-248
(Integral F 5/	White Phospho-rous	0.53 (239 g)	82-2-38	N/A	82-2-40	(Integral Fuze) 5/	82-2-42	9207902	9207902
(Integral F 5/	7/1	0.4 (180 g)	82-2-44	N/A	82-1-78	(Integral Fuze) 5/	82-2-41	9227347	9227348
(Integral F 5/	7/	0.4 (180 g)	82-2-44	N/A	82-2-47	(Integral Fuze) 5/	82-2-47	9227349	9227350
—	—	-	3864098	N/A 8/	8864104	—	—	8864704	8864705
M211	Comp B	0.62 (279 g)	82-2-50	N/A	82-2-49	M211	82-2-54	7548996	7548997
F92MK2	Red Phos. Butyl Rubber	0.8 (360 g)	TW21AF	N/A	—	F92MK2	QX311AF	GD/10(P)/ 100309	GD/10(P)/ 100308
F92MK2	Red Phos Butyl Rubber	0.8 (360 g)	TW148AF	N/A	—	F92MK2	QX311AF	GD/10(P)/ 100309	GD/10(P)/ 100308
(Integral F 5/	IR Screening	3.1 (1395 g)	N/A	N/A	—	(Integral Fuze) 5/	—	—	13-19-151

er box with fuze.
as complete assembly drawing number.
complete assembly specification.
1 Fragmentation and XM62. Practice Grenades are identical with M26A1 and Grenades except for addition of safety clip.
C & CWTC responsibility of Edgewood Arsenal.
ade, Hand, M56. 59. XM67 & XM68, MK3A2 have safety clips as additional y factor.
illed Grenades obsolete, AMCTC 7865.
itted for Projection Adapter for rifle launching.
ter Projection chemical M2A1 and M2 - obsolete - MSR 11756003.
ter Projection M1A2 - obsolete - MSR 11756003.
ter Projection M1 - obsolete - MSR 05776015.

CHART 3. LAND MINES, ANTIT

LINE NO.	TYPE CLASSI-FICA-TION	MSR, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIG-NATION	NOMINAL WT LOADED FUZED AND LB/(g)	ASSEMBLY DWG. NO.	SPEC. NO.	METAL PARTS OR BODY DWG. NO.
1	STD	37119	Mine, AT, HE, Heavy	M15	31.46 (14157 g)	82-0-189	MIL-M-12824	82-15-58
2	STD	37119	Mine, AT, HE, NM	M19	27.68 (12456 g)	9209328	MIL-M-13685	9209330 2/
3	STD	37246	Mine, AT, HE	M21	17.5 3/ (7875 g)	8831341	MIL-M-45405	8831343
4	CON	6558	Mine, AT, Practice Heavy 4/	M12A1	20.22 (9099 g)	82-0-136	MIL-M-20580	82-15-44
5	STD	36841	Mine, AT, Practice Heavy	M20	31.46 (14157 g)	7548124	MIL-A-2550	7548128
6	OBS	11756003	Mine, AT, Practice Light	M10	4.44 3/ (1998 g)	82-0-156	MIL-M-2461	85-15-40 2/
7	STD	8899	Mine, AT 7/	M24	18.0 (8100 g)	9207411	PA-PD-2682	82-5-131
8	OBS	03866008	Mine, AT, Off Route w/Rkt Whd M28A2	M66	40.0 (18000 g)	9245817	MIL-M-50805 MIL-M-50806	82-5-131
9	OBS	03866007	Mine, AT, Practice w/Rkt Whd Practice M29A2	M69	40.0 (18000 g)	9256479	MIL-M-50808 MIL-M-50810	82-5-145
10	STD	36841	Activator, AT, Mine	M1 7/	0.04 (18 g)	73-9-16	MIL-A-20515	73-9-16 2/
11	STD	36841	Activator, AT, Mine	M2 7/	0.04 (18 g)	7548048	MIL-A-40562	7548051 2/
12	STD	36841	Activator, AT, Practice	M1	0.04 (18 g)	73-9-46	MIL-A-20572	73-9-47
13	STD	03788003	Mine, AT, Training	M80	28.0 (12600 g)	9321449	MIL-M-63146	9321447
14	STD LCC-A	06752001	Mine, Dispersing, Subsystem, Aircraft	M56	640 (288000 g)	9287573	MIL-M-48351	9287631
15	STD LCC-A	08757005	Mine, Dispersing, Subsystem, Aircraft, Practice	M132	156 (70200 g)	9296700	MIL-M-48883	9255991
16	STD LCC-A	08757005	Mine, Dispersing, Subsystem, Aircraft, Training	M133	229 (103050 g)	9296697	MIL-M-48885	9287551
17	STD LCC-A	DA Ltr	Mine, Anti Tank	M75	4.0 (1800 g)	9292227-1 & 2	MIL-M-63456 (AR)	9292142
18	LP	USAF Ltr 9/	Mine, AT 10/	BLU91B	4.3 (1935 g)	9330381	MIL-M-63457 (AR)	9330361

1/ Arming Wrench M20 packed in box.
2/ Plastic.
3/ Wt. of Mine Only.
4/ Some Mines on hand issued w/o fuze.
5/ Not assembled to mine during shipment.
6/ Any regular type firing device having 9/16-inch thread.
7/ Off-route mine consists of the following additional components:
Launcher, Rocket: M143, Dwg. No. 9207415
Case, Antitank Mine: M190, Dwg. No. 9221394
Rocket, HEAT, 3.5 Inch: M28A2, Dwg. No. 9211744
8/ M24 Mine ha
9/ US Air Force
10/ Launched fr
11/ Fuze Mine M

CHART 3. LAND MINES, ANTITANK; MINE ACTIVATORS

METAL PARTS OR BODY DWG. NO.	INAL T DED ZED ND /(g)	ASSEMBLY DWG. NO.	SPEC. NO.	METAL PARTS OR BODY DWG. NO.	CHARGE			FUZE ASSEMBLY		BOOSTER	
					LOADING ASSEMBLY DWG. NO.	KIND	WT LB/(g)	DWG. NO.	MODEL DESIG-NATION	DWG. NO.	MODEL DESIG-NATION
82-15-58	6 7 g)	82-0-189	MIL-M-12824	82-15-58	75-14-653	Comp B	22.75 (10238 g)	73-9-55	M603	8835171	M120
9209330 2/	8 6 g)	9209328	MIL-M-13685	9209330 2/	9209329	Comp B	21 (9450 g)	9220396	M606	9209338	RDX Type-2
8831343	3/ g)	8831341	MIL-M-45405	8831343	8831342	Comp H-6 H BX-6	10.8 (4860 g)	8833783	M607	8835171	M120
82-15-44	2/ g)	82-0-136	MIL-M-20580	82-15-44	82-0-136	Sand	11.16 (5022 g)	73-9-86	M604 5/	-	-
7548128	6 7 g)	7548124	MIL-A-2550	7548128	7548128	Sand	21.2 (9540 g)	73-9-86	M604 5/	-	-
85-15-40 2/	4 3/ g)	82-0-156	MIL-M-2461	85-15-40 2/	75-14-502	Sand	3.5 (1575 g)	73-9-86	M604 5/	-	-
82-5-131	g)	9207411	PA-PD-2682	82-5-131	9216683	Comp B	1.88 (846 g)	-	8/	-	-
82-5-131	) g)	9245817	MIL-M-50805 MIL-M-50806	82-5-131	9247198	Comp B	1.88 (846 g)	9235367	M619 11/	-	-
82-5-145	) g)	9256479	MIL-M-50808 MIL-M-50810	82-5-145	9247231	Inert	1.88 (846 g)	9235367	M619 11/	-	-
73-9-16 2/		73-9-16	MIL-A-20515	73-9-16 2/	-	-	—	-	-	-	-
7548051 2/		7548048	MIL-A-40562	7548051 2/	-	-	—	-	-	-	-
73-9-47		73-9-46	MIL-A-20572	73-9-47	-	-	—	-	-	-	-
9321447	) g)	9321449	MIL-M-63146	9321447	-	Inert	21.0 (9450 g)	9220396	M606 Inert	-	-
9287631	) g)	9287573	MIL-M-48351	9287631	9285438 9287785	Comp H-6 M5 prop.	3.0 (1350 g)	9281558	Integral Part of Mine	9287699	Booster Pellet
9255991	g)	9296700	MIL-M-48883	9255991	- 9287785	M5 prop.	-	-	-	-	-
9287551	g)	9296697	MIL-M-48885	9287551	-	Inert	- -	-	-	-	-
9292142		9292227-1 & 2	MIL-M-63456 (AR)	9292142	9292227 9278018	RDX + ESTINE PBXN	1.26 0.57 kg 0.48 oz 13.50 g	9328756	Integral Part of Mine	9277827	Booster Pellet
9330381		9330381	MIL-M-63457 (AR)	9330381	9330380	95/5 RDX/ ESTINE	1.25 0.56 kg	9328692	Integral Part of Mine	—	—

MINES, ANTIT

firing device having 9/16-inch thread.
nsists of the following additional components:
cket: M143, Dwg. No. 9207415
k Mine: M190, Dwg. No. 9221394
T, 3.5 Inch: M28A2, Dwg. No. 9211744

8/ M24 Mine ha
9/ US Air Force
10/ Launched fr
11/ Fuze Mine M

8/ M24 Mine has no fuze external to the Whd M28A2.
9/ US Air Force
10/ Launched from dispenser
11/ Fuze Mine M619 obsolete by M3R0386605

LY	BOOSTER		ACTIVATOR ASSEMBLY		FIRING DEVICE		PACKING	
MODEL DESIG-NATION	DWG. NO.	MODEL DESIG-NATION	DWG. NO.	MODEL DESIG-NATION	DWG. NO.	MODEL DESIG-NATION	FUZE DWG. NO.	MINE OR ACTIVATOR DWG. NO.
M603	8835171	M120	73-9-16	M1	-	-	7549159 754917	7548392 1/
M606	9209338	RDX Type-2	7548048	M2	-	-	-	8830877
M607	8835171	M120	-	-	-	-	-	8830860
M604 5/	-	-	73-9-46	M1 Practice	72-9-100	M2 5/	7548394	7548396
M604 5/	-	-	73-9-46	M1 5/ Practice	73-9-87	M3 5/	7548394	7548171
M604 5/	-	-	73-9-46	M1 Practice	-	6/	7548394	7o-1-1179
8/	-	-	9231952	Discrim-inator M2	9207413	M61	-	8880989 8880988
M619 11/	-	-	-	-	-	-	-	9244175 9244176
M619 11/	-	-	-	-	-	-	-	9244175 9244176
-	-	-	-	-	-	-	-	7548391 7548390
-	-	-	-	-	-	-	-	7548391 7548390
-	-	-	-	-	-	-	-	7548391 7548390
M606 Inert	-	-	-	M1 Practice	-	-	-	9321541
Integral Part of Mine	9287699	Booster Pellet	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
Integral Part of Mine	9277827	Booster Pellet	-	-	9328756	Magnetic Sensor	-	9243805
Integral Part of Mine	-	-	-	-	-	Magneto Meter	-	Dispenser Packed

CHART 4. PYROTECHNICS, PHOTOFLASH CARTRIDGES

LINE NO.	TYPE CLASSI-FICA-TION	MSR, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIG-NATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	COMPLETE ASSEMBLY DWG. NO.	SPEC. NO.	METHOD OF ACTUATION	PYROTECHNIC CHARGE		
									TYPE	WEIGHT OZ/(g)	DWG. NO.
1	OBS	11756003	Cartridge, Photoflash	M112A1 1/ M112	1.0 (450 g)	8848546	MIL-C-11233	Outer Case Acts As Ejector 2/	Photo-Flash Powder	7.0 (196g)	8848545
2	OBS	6418	Cartridge, Photoflash	M123A1 M123	4.3 (1935 g)	8847519	MIL-C-12910	Outer Case Acts As Ejector 2/	Photo-Flash Powder	28.0 (784g)	8847518
3	STD	36841	Cartridge, Photoflash Prac	M121	1.0 (450 g)	8848551	MIL-C-11232	Outer Case Acts As Ejector 2/	Dummy Wood Filler	7.0 (196g)	8848550
4	STD	36841	Cartridge, Photoflash Prac	M124	4.3 (1935 g)	8847565	MIL-C-13086	Outer Case Acts As Ejector 2/	Inert Comp	38.0 (1064g)	8847564

1/ 2 Sec Delay OBS, AMCTC 6418, 1 Sec and 4 Sec Delay OBS, MSR 11756003.

2/ Fired from multi-barrel ejector.

RIDGES

HOTOFLASH CARTRIDGES

DWG. NO.	PYROTECHNIC CHARGE			CASE CTG DWG. NO.	INITIATOR		DELAY TIME IN SEC.	OUTPUT		CANDLE POWER SEC	PACKING	
	TYPE	WEIGHT OZ/(g)	DWG. NO.		DWG. NO.	TYPE		BURNING TIME IN SEC.	CANDLE POWER		INNER PACK DWG. NO.	OUTER PACK DWG. NO.
8848545	hoto-lash owder	7.0 (196g)	8848545	8848542	8848644	Elec Primer M59	1/	0.04	100,000,000 (Peak)	1.2×10^6 (1,200,000)	8860564	8860565
8847518	hoto-lash owder	28.0 (784g)	8847518	8847513	8848644	Elec Primer M59	2,4 or 6	0.04	400,000,000 (Peak)	4×10^6 (1,200,000)	7548472	7548473
8848550	ummy ood ller	7.0 (196g)	8848550	8848542	8848644	Elec Primer M59	-	-	-	-	8860564	8860565
8847564	ert omp	38.0 (1064g)	8847564	8847513	8848644	Elec Primer M59	-	-	-	-	7548472	7548473

CHART 5. PYROTECHNICS, FLARES, AIRCR

LINE NO.	TYPE CLASSIFICATION	MSR, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIGNATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	COMPLETE ASSEMBLY DWG. NO.	SPEC. NO.	ILLUMIN. METHOD OF ACTUATION	
1	STD	36841	Flare, Aircraft Pcht	M8A1	17.6 (7920 g)	9217950	MIL-F-20363	Release From Acft	
2	OBS	11756003	Flare, Aircraft Pcht	M9A1	2.11 (950 g)	8848573	MIL-F-20531	Release From Acft	
3	STD OBS	36841 11756003	Flare, Aircraft Pcht	M26A1 M26	52.5 (23625 g)	78-2-239	MIL-F-1420	Fired From Pistol Pyro AN-M8	
4	STD	36841	Flare, Aircraft Pcht	M138	65 (29250 g)	78-0-153A	PA-PD-598	Release From Acft	
5	STD	36841	Flare, Aircraft Pcht	M139	65 (29250 g)	78-0-153A	PA-PD-598	Release From Acft	
6	STD	9013	Flare, Aircraft Pcht	Mk45	28 (12600 g)	2141527	AS-1178 MIL-STD-100	Release From Acft 1/	
7	OBS	11756003	Flare, Aircraft Pcht	Mk6 Mod 6	30 (13500 g)	Navy 364790	MIL-I-18569	Release From Acft	
8	STD	36841	Flare, Aircraft Pcht	AN-Mk8 Mod 2	16 (7200 g)	364663	MIL-F-18536	Release From Acft	
9	OBS	11756003	Flare, Aircraft Pcht	Mk24	24 (10800 g)	Navy 615148	-	Release From Acft	
10	STD	37119	Flare, Aircraft Towed Amber	M78	21 (9450 g)	78-0-95	MIL-F-20421	By Tow Cable Attached To Acft	
11	STD	37119	Flare, Aircraft Towed Green	M79	21 (9450 g)	78-0-95	MIL-F-20421	By Tow Cable Attached To Acft	
12	OBS	11756003	Flare, Guided Missile Tracking	M136 75 sec	1.35 (608 g)	78-0-79	MIL-F-13688	Electrically Operated	
13	OBS	11756003	Flare, Surface Airport	M76	27.6 (12420 g)	78-0-93	MIL-F-1395	By hand or Elec Squib	
14	STD OBS	37823 6418	Flare, Surface Trip	M49A1 M49	0.75 (338 g) 1.50 (675 g)	8836957	MIL-F-20420	Trip Wire	
15	STD	03786025	Flare, Aircraft Counter Measure	M206	0.43	9311623	ANSI-Y-145-1973	By hand or Ctg Impulse	
16	STD	-	Flare, Infrared Tracking	Mk33 Mod 0 2/	0.73 (328 g)	9387055	MIL-F-70518	Launcher	

Deploy from aircraft L473; Launched by hand only L424; Launched through XM19 flare dispenser or by hand.

2/ Assembled to Mk40 Rocket Motor and fired from launcher.

. PYROTECHNICS, FLARES, AIRCRAFT, GUIDED MISSILE AND SURFACE

PEC. NO.	ILLUMINANT				BODY OR CASE DWG. NO.	PROPELLANT		PRIMER OR IGNITER		EXI C
	METHOD OF ACTUATION	TYPE	WT LB/(g)	DWG. NO.		KIND	WT (g)	DWG. NO.	TYPE	DWG. NO.
L-F-20363	Release From Acft	Illum Comp	10 (4500 g)	9217916	9217924	-	-	9217903	Igniter Assy	-
L-F-20531	Release From Acft	Illum Comp	1.2 (540 g)	8848505	8848570	BP	15.43	8798919	Primer Perc M39A1	8848571
L-F-1420	Fired From Pistol Pyro AN-M8	Illum Comp	14.3 (6435 g)	78-2-249	78-2-241	-	-	73-3-336	Fuze, MT M155	-
-PD-598	Release From Acft	Illum Comp	31 (13950 g)	78-0-144A	78-9-147	-	-	8797389	Fuze, Bomb Nose, MT AN-M146A1C	75-0-144
-PD-598	Release From Acft	Illum Comp	31 (13950 g)	78-0-144B	78-0-147	-	-	8797389	Fuze, Bomb Nose, MT AN-M146A1C	75-0-144
-1178 L-STD-100	Release From Acft 1/	Illum Comp	17.6 (7920 g)	2150922	2127407	-	-	2127860	Fuze, Flare Mk364 Mod 0	2127821
L-I-18569	Release From Acft	Illum Comp	17 (7650 g)	364797	364866	-	-	364835	Fuze Mech-anism	-
L-F-18536	Release From Acft	Illum Comp	11 (4950 g)	364666	364664	-	-	-	-	-
-	Release From Acft	Illum Comp	—	-	-	-	-	-	-	-
-F-20421	By Tow Cable Attached To Acft	Illum Comp	15 (6750 g)	78-2-454	78-2-451	-	-	78-2-453	Igniter Assy	-
L-F-20421	By Tow Cable Attached To Acft	Illum Comp	15 (6750 g)	78-2-454	78-2-451	-	-	78-2-453	Igniter Assy	-
-F-13688	Electrically Oper..ed	Illum Comp	0.63 (284 g)	78-0-79	78-0-80	-	-	8799892	Squib, Elec M2	-
-F-1395	By hand or Elec Squib	Illum Comp	20 (9000 g)	78-2-444	78-2-445	-	-	8798919	Primer Perc M39A1	-
-F-20420	Trip Wire	Illum Comp	0.70 (315 g)	8836967	9269017	-	-	8799925	Primer Perc M42	-
I-Y-145-1973	By hand or Ctg Impulse	Illum Comp	5.3 oz (150 g)	9311625	9311624	Hercules Bulls Eye Smkless	0.25	9311660	Ctg Impulse M796	9311664 9311665 10534810
-F-70518	Launcher	Illum Comp	0.73 (328 g)	9387061	9387058	Mk40 Rkt Mtr	—	457888	Mk25 Mod 5	—

Motor and fired from launcher.

EXP... CH...		PRIMER IGNITER		EXPELLING CHARGE		DELAY IN SEC	PARACHUTE DWG. NO.	BURNING TIME (SEC)	CANDLE POWER (APPROX)	PACKING	
	DWG. NO.	TYPE	DWG. NO.	TYPE	WT (g)					INNER PACK DWG. NO.	OUTER PACK DWG. NO.
...sy	-	Igniter Assy	-	-	-	3.0 to 5	9217915	165 to 195	350,000	8864172	8864173
...rc	8848571	Primer Perc M39A1	8848571	BP	30 (1.05 oz)	2.5	8848579	60 to 70	60,000	8850202	8858201
	-	Fuze, MT M155	-	-	-	5 to 92	78-2-242	195 ± 15	800,000	-	8864754
...nb ...1C	75-0-144	Fuze, Bomb Nose, MT AN-M146A1C	75-0-144	BP	100 (3.5 oz)	5 to 92	78-0-145	360	1,500,000	-	8796869
...nb ...1C	75-0-144	Fuze, Bomb Nose, MT AN-M146A1C	75-0-144	BP	100 (3.5 oz)	5 to 92	78-0-145	180	3,000,000	-	8796869
...re ...d 0	2127821	Fuze, Flare Mk364 Mod 0	2127821	BP	10 (0.35oz)	1.5 to 2	2127824	210	2,000,000	9247273	9247274
...-	-	Fuze Mechanism	-	-	-	Variable	364892	180	1,000,000	1331786	364912
	-	-	-	-	-	120	364665	180	500,000	364660	364661
	-	-	-	-	-	Variable	-	150	2,000,000	-	-
...sy	-	Igniter Assy	-	-	-	0	-	360 ± 30	70,000	8864752	8864753
...sy	-	Igniter Assy	-	-	-	0	-	360 ± 30	90,000	8864752	8864753
...c	-	Squib, Elec M2	-	-	-	-	-	75	70,000	8797672	8797671
...erc	-	Primer Perc M39A1	-	-	-	0	-	300 ± 420	600,000 to 850,000	8864175	8864174
...erc	-	Primer Perc M42	-	-	-	0	-	55 to 70	40,000	8830881	8830880
...e	9311664 9311665 10534810	Ctg Impulse M796	9311664 9311665 10534810	Boron Calcium Booster HPC-1	100mg 70mg 185mg	-	-	-	-	9313891	9313890
...5	-	Mk25 Mod 5	-	-	-	30-150	N/A	30	230 W/SR	7553296	9395645

CHART 6. PYROTECHNICS, SIGNALS, ILLUMINATING, AIRCRAFT

ITEM NO.	TYPE CLASSIFICATION	MSR, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIGNATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	COMPLETE ASSEMBLY DWG. NO.	SPEC. NO.	METHOD OF ACTUATION	ILLUMINANT-TRACER CHARGE			CASE DWG. NO.
									TYPE	WEIGHT OZ/(g)	DWG. NO.	
1	STD	36841	Signal, Illum. Aircraft, Double Star, R-R	AN-M37A2 1/	0.35 (158 g) 0.43 (194 g)	8847462	MIL-S-1398	Pistol AN-M8 or Projector M9	R-R Comp.	3.32 (93g)	8847461	8847468
2	STD	36841	Signal, Illum. Aircraft, Double Star, Y-Y	AN-M38A2 2/	0.35 (158 g) 0.43 (194 g)	8847462	MIL-S-1398	Pistol AN-M8 or Projector M9	Y-Y Comp.	3.32 (93g)	8847461	8847468
3	STD	36841	Signal, Illum. Aircraft, Double Star, G-G	AN-M39A2 3/	0.35 (158 g) 0.43 (194 g)	8847462	MIL-S-1398	Pistol AN-M8 or Projector M9	G-G Comp.	4.3 (120g)	8847461	8847468
4	STD	36841	Signal, Illum. Aircraft, Double Star, R-Y	AN-M40A2 3/	0.35 (158 g) 0.43 (194 g)	8847462	MIL-S-1398	Pistol AN-M8 or Projector M9	R-Y Comp.	R-1.66 Y-1.66 (46g)	8847461	8847468
5	STD	36841	Signal, Illum. Aircraft, Double Star, R-G	AN-M41A2 3/	0.35 (158 g) 0.43 (194 g)	8847462	MIL-S-1398	Pistol AN-M8 or Projector M9	R-G Comp.	R-1.66 (46g) G-2.15 (60g)	8847461	8847468
6	STD	36841	Signal, Illum. Aircraft, Double Star, G-Y	AN-M42A2 3/	0.35 (158 g) 0.43 (194 g)	8847462	MIL-S-1398	Pistol AN-M8 or Projector M9	G-Y Comp.	G-2.15 (60g) Y-1.66 (46g)	8847461	8847468
7	STD	36841	Signal, Illum. Aircraft, Single Star, R	AN-M43A2 4/	0.31 (140 g)	8847463	MIL-S-1419	Pistol AN-M8 or Projector M9	R Comp.	2.17 (60g)	8847463	8847468
8	STD	37581	Signal, Illum. Aircraft, Single Star, Y	AN-M44A2 4/	0.31 (140 g)	8847467	MIL-S-1419	Pistol AN-M8 or Projector M9	Y Comp.	1.99 (55g)	8847463	8847468
9	STD	37581	Signal, Illum. Aircraft, Single Star, G	AN-M45A2 3/	0.32 (144 g)	8847467	MIL-S-1419	Pistol AN-M8 or Projector M9	G Comp.	2.35 (66g)	8847463	8847468
10	OBS	11756003	Signal, Illum. Aircraft, YT-RY Star	AN-M53A2 4/	0.31 (140 g)	8847441	MIL-S-1399	Pistol AN-M8 or Projector M9	YT-Comp. RY-Comp.	1.35 (38g) 1.00 (28g)	8847442	8847468
11	STD	36841	Signal, Illum. Aircraft, GT-RR	AN-M54A2 3/	0.31 (140 g)	8847441	MIL-S-1399	Pistol AN-M8 or Projector M9	GT-Comp. RR-Comp.	1.35 (38g) 1.08 (30.25g)	8847442	8847468
12	STD	36841	Signal, Illum. Aircraft, GT-GR	AN-M55A2 3/	0.31 (140 g)	8847441	MIL-S-1399	Pistol AN-M8 or Projector M9	GT-Comp. GR-Comp.	1.35 (38g) 1.15 (32g)	8847442	8847468
13	STD	36841	Signal, Illum. Aircraft, RT-GG Star	AN-M56A2 3/	0.31 (140 g)	8847441	MIL-S-1399	Pistol AN-M8 or Projector M9	RT-Comp. GG-Comp.	1.35 (38g) 1.22 (54g)	8847442	8847468
14	STD	36841	Signal, Illum. Aircraft, RT-RR Star	AN-M57A2 3/	0.31 (140 g)	8847441	MIL-S-1399	Pistol AN-M8 or Projector M9	RT-Comp. RR-Comp.	1.35 (38g) 1.08 (30.25g)	8847442	8847468
15	STD	36841	Signal, Illum. Aircraft, RT-GR Star	AN-M58A2 3/	0.31 (140 g)	8847441	MIL-S-1399	Pistol An-M8 or Projector M9	RT-Comp. GR-Comp.	1.35 (38g) 1.15 (32g)	8847442	8847468

1/ AN-M37 and AN-M37A1 on hand, Obsolete, AMCTC 6558.
2/ AN-M38 is STD for USAF use only, OTCM 37284, AN-M38A1 is STDB (OTCM 36841). Some stocks on hand.
3/ Stocks on hand of original version are STDC, OTCM 37107, those of "A1" modification are STDB, OTCM 36841.
4/ AN-M43 and AN-43A1, AN-M44A1, AN-M53 and AN-M53A1 are Obsolete, AMCTC 6558.

		PROPELLANT			PRIMER OR IGNITER			STAR BURNING TIME	CANDLE POWER (APPROX)		PACKING	
G. NO.	CASE DWG. NO.	DWG. NO.	MAX WT. G/(oz)	KIND	DWG. NO.	TYPE AND DESIGNATION	DELAY IN SEC	IN SEC. (APPROX)	TRACER	STAR	INNER PACK NO.	OUTER PACK NO.
7461	8847468	8847462	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	7-13	-	R-25,000 R-25,000	8836949	8836950
7481	8847468	8847462	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	7-13	-	Y-20,000 Y-20,000	8836949	8836950
7461	8847468	8847462	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	7-13	-	G-20,000 G-20,000	8836949	8836950
7461	8847468	8847462	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	7-13	-	R-25,000 Y-20,000	8836949	8836950
7461	8847468	8847462	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	7-13	-	R-25,000 G-20,000	8836949	8836950
7461	8847468	8847462	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	7-13	-	G-20,000 Y-20,000	8836949	8836950
7463	8847468	8847467	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	7-13	-	R-25,000	8836949	8836950
7463	8847468	8847467	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	7-13	-	Y-25,000	8836949	8836950
7463	8847468	8847467	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	7-13	-	G-20,000	8836949	8836950
7442	8847468	47441	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	T-2.5-4 S-3-4.5	YT 30,000	R-30,000 Y-25,000	8836949	8836950
7442	8847468	8847441	2.5 (0.0875oz)	BP	8798919	Perc M38A1	0	T-2.5-4 S-3-4.5	GT 25,000	R-30,000 R-30,000	8836949	8836950
7442	8847468	8847441	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	T-2.5-4 S-3-4.5	GT 25,000	G-20,000 R-30,000	8836949	8836950
7442	8847468	8847441	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	T-2.5-4 S-3-4.5	RT 30,000	G-30,000 G-20,000	8836949	8836950
7442	8847468	8847441	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	T-2.5-4 S-3-4.5	RT 30,000	R-30,000 R-30,000	8836949	8836950
7442	8847468	8847441	2.5 (0.0875oz)	BP	8798919	Perc M39A1	0	T-2.5-4 S-3-4.5	RT 30,000	G-20,000 R-30,000	8836949	8836950

LINE NO.	TYPE CLASSIFICATION	MSR AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIGNATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	COMPLETE ASSEMBLY DWG. NO.	SPEC. NO.	METHOD OF ACTUATION	ILLUMINAN TYPE	WEIGHT OZ/(g)	DWG. NO.	A
1	--	--	Signal, Smk & Illum., Marine	Mk 13 Mod 0	0.4 (180 g)	712793	MIL-S-18655	By hand	Smk or R-Comp	Smk (56g) Flare (28g)	Navy 583632	
2	STD	37107	Signal, Illum. Ground, White Star, Pcht.	M17A2 8/	1.04 (468 g)	78-0-37	MIL-S-60631	1/	W Comp	2.55 (71g)	78-2-300	9
3	STD	37107	Signal, Illum. Ground, White Star, Pcht.	M17A2B2	1.04 (468 g)	78-0-54	MIL-S-60631	1/	W Comp	2.55 (71g)	78-2-300	7
4	STD	37107	Signal, Illum. Ground, White Star, Cluster	M18A2 8/	1.09 (491 g)	78-0-38	MIL-S-20349	1/	W Comp	5.30 (148g)	78-2-301	9
5	STD	37107	Signal, Illum. Ground, White Star, Cluster	M18A2B2	1.09 (491 g)	78-0-55	MIL-S-20349	1/	W Comp	5.30 (148g)	78-2-301	7
6	OBS	11756003	Signal, Illum. Ground, Green Star, Pcht.	M19A2 8/	1.02 (459 g)	9207849	MIL-S-60361	1/	G Comp	3.55 (99g)	78-2-300	9
7	STD	36441	Signal, Illum. Ground, Green Star, Pcht.	M19A2B2	1.02 (459 g)	78-2-54	MIL-S-60361	1/	G Comp	3.55 (99g)	78-2-300	7
8	STD	37107	Signal, Illum. Ground, Green Star, Cluster	M20A2 8	1.09 (491 g)	78-0-38	MIL-S-20349	1/	G Comp	5.30 (148g)	78-2-301	9
9	STD	37107	Signal, Illum. Ground, Green Star, Cluster	M20A2B2	1.09 (491 g)	78-0-55	MIL-S-20349	1/	G Comp	5.30 (148g)	78-2-301	7
10	STD	37107	Signal, Illum. Ground, Amber Star, Pcht.	M21A2 8	1.00 (450 g)	78-0-37	MIL-S-60361	1/	Amber Comp	3.17 (88g)	78-2-300	9
11	STD	37107	Signal, Illum. Ground, Amber Star, Pcht.	M21A2B2	1.00 (450 g)	78-0-54	MIL-S-60361	1/	Amber Comp	3.17 (88g)	78-2-300	7
12	STD	37107	Signal, Illum. Ground, Amber Star, Cluster	M22A2	1.06 (477 g)	78-0-38	MIL-S-20349	1/	Amber Comp	4.80 (134g)	78-2-301	9
13	STD	37107	Signal, Illum. Ground, Amber Star, Cluster	M22A2B2	1.06 (477 g)	78-0-55	MIL-S-20349	1/	Amber Comp	4.80 (134g)	78-2-301	7
14	STD	37107	Signal, Illum. Ground, Red Star, Pcht.	M51A2 8/	1.02 (459 g)	78-0-37	MIL-S-60361	1/	R Comp	3.55 (99g)	78-2-300	9

CHART 7. PYROTECHNICS, SIGNALS, ILLUMINATION AND SMOKE, GROUND

		ILLUMINANT OR SMOKE CHARGE						IGNITION SYSTEM			PRIMER	
									PROP. CHARGE			
SPEC. NO.	METHOD OF ACTUATION	TYPE	WEIGHT OZ/(g)	DWG. NO.	BODY ASSEMBLY DWG. NO.	PARACHUTE DWG. NO.	STABILIZER DWG. NO.	CARTRIDGE DESIG-NATION	KIND	WT g/(oz)	TYPE & DESIG-NATION	DWG.
MIL-S-18655	By hand	Smk or R-Comp	Smk (56g) Flare (28g)	Navy 583632	Navy 583656	–	–	–	–	–	Friction	Navy 583633
MIL-S-60631	1/	W Comp	2.55 (71g)	78-2-300	9207852	9207865	8848618	M3 2/	M9	1.69 (0.05915 oz)	Perc	617394
MIL-S-60631	1/	W Comp	2.55 (71g)	78-2-300	78-2-331	9207865	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	617394
MIL-S-20349	1/	W Comp	5.30 (148g)	78-2-301	9207852	–	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	617394
MIL-S-20349	1/	W Comp	5.30 (148g)	78-2-301	78-2-331	–	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	617394
MIL-S-60361	1/	G Comp	3.55 (99g)	78-2-300	9207852	9207865	8848618	M3 2/	M9	1.69 (0.05915 oz)	Perc	617394
MIL-S-60361	1/	G Comp	3.55 (99g)	78-2-300	78-2-300	9207865	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	617394
MIL-S-20349	1/	G Comp	5.30 (148g)	78-2-301	9207852	–	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	617394
MIL-S-20349	1/	G Comp	5.30 (148g)	78-2-301	78-2-331	–	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	617394
MIL-S-60361	1/	Amber Comp	3.17 (88g)	78-2-300	9207852	9207865	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	617394
MIL-S-60361	1/	Amber Comp	3.17 (88g)	78-2-300	78-2-331	9207865	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	617394
MIL-S-20349	1/	Amber Comp	4.80 (134g)	78-2-301	9207852	–	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	617394
MIL-S-20349	1/	Amber Comp	4.80 (134g)	78-2-301	78-2-331	–	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	617394
MIL-S-60361	1/	R Comp	3.55 (99g)	78-2-300	9207852	9207865	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	617394

ON SYSTEM		PRIMER		EXPELLING CHARGE						PACKING	
PROP. CHARGE											
KIND	WT g/(oz)	TYPE & DESIG-NATION	DWG. NO.	KIND	WT g/(oz)	DWG. NO.	DELAY IN SEC.	BURNING TIME (APPROX)	CANDLE POWER (APPROX)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
—	—	Friction	Navy 583633	—	—	—	0	Flame - 18-20 Sec Smoke - 18 Sec	3,000	Navy 593127	Navy 563246
M9	1.69 (0.05915 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	9207855	5.5	20-30 Sec	20,000	8866684	8866685
M9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	9207855	5.5	20-30 Sec	20,000	76-1-1144	76-16-354
M9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	78-2-306	5.5	4-10 Sec	18,000 4/	8866684	8866685
M9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	78-2-306	5.5	4-10 Sec	18,000 4/	76-1-1144	76-16-354
M9	1.69 (0.05915 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	9207855	5.5	20-30 Sec	20,000	8866684	8866685
M9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	9207855	5.5	20-30 Sec	20,000	76-1-1144	76-16-354
M9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	78-2-306	5.5	4-10 Sec	7,000 4/	8866684	8866685
M9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	78-2-306	5.5	4-10 Sec	7,000 4/	76-1-1144	76-16-354
M9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	9207855	5.5	20-30 Sec	4,000	8866684	8866685
M9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	9207855	5.5	20-30 Sec	4,000	76-1-1144	76-16-354
M9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	78-2-306	5.5	4-10 Sec	2,000 4/	8866684	8866685
M9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	78-2-306	5.5	4-10 Sec	2,000 4/	76-1-1144	76-16-354
M9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	9207855	5.5	20-30 Sec	20,000	8866684	8866685

LINE NO.	TYPE CLASSIFICATION	MSR AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIGNATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	COMPLETE ASSEMBLY DWG. NO.	SPEC. NO.	METHOD OF ACTUATION	ILL TYPE	ILL WEIGHT OZ/(g)	ILL DWG
15	STD	37107	Signal, Illum. Ground, Red Star, Pcht.	M51A2B2	1.02 (459 g)	78-0-54	MIL-S-60361	1/	R Comp	3.55 (99g)	78-2-
16	STD	6558	Signal, Illum. Ground, Red Star, Cluster	M52A2	1.09 (491 g)	78-0-38	MIL-S-20349	1/	R Comp	5.05 (141g)	78-2-
17	STD	37107	Signal, Illum. Ground, Red Star, Cluster	M52A2B2	1.09 (491 g)	78-0-55	MIL-S-20349	1/	R Comp	5.05 (141g)	78-2-
18	OBS	11756003	Signal, Smoke, Ground, Red	M62 (T38E1)	0.89 (401 g)	78-0-106	MIL-S-20471	1/	R Comp	4.26 (119g)	78-2-
19	OBS	11756003	Signal, Smoke, Ground, Yellow	M64 (T40E1)	0.89 (401 g)	78-0-106	MIL-S-20471	1/	Y Comp	4.26 (119g)	78-2-
20	OBS	11756003	Signal, Smoke, Ground, Green	M65 (T41E1)	0.89 (401 g)	78-0-106	MIL-S-20471	1/	G Comp	4.26 (119g)	78-2-
21	STD	37119	Signal, Smoke, Ground, Violet	M66 (T42E1)	0.89 (401 g)	78-0-106	MIL-S-20471	Fired from M76 Grnd Lchr 10/	V Comp	4.26 (119g)	78-2
22	OBS	11756003	Signal, Distress, Marine, Two Star Red	AN-M75	0.34 (153 g)	78-0-82	MIL-S-20402	By hand	RR Comp	0.42 (11g)	78-2
23	STD	38047	Signal, Illum. Ground, Green Star, Cluster	M125A1	1.3 (585 g)	8797920	MIL-S-13261	3/	G Comp	2.50 (70g)	8797
24	STD A LCC-A	06828001	Signal, Illum. Ground, Red Star, Pcht.	M126A1	1.3 (585 g)	8797968	MIL-S-13257	3/	R Comp	3.0 (84g)	8797
25	STD	8237	Signal, Illum. Ground, White Star, Pcht.	M127A1	1.3 (585 g)	8797968	MIL-S-13257	3/	W Comp	3.5 (98g)	8797
26	STD A LCC-A	06828001	Signal, Smoke, Ground, Green Pcht.	M128A1	1.3 (585 g)	8797996	MIL-S-13303	3/	G Comp	2.00 (56g)	8797
27	STD A LCC-A	06828001	Signal, Smoke, Ground, Red Pcht.	M129A1	1.3 (585 g)	8797996	MIL-S-13303	3/	R Comp	2.00 (56g)	8797
28	STD	36841	Signal, Illum. Ground, Red Star, Pcht.	M131 (T66E1)	1.2 (540g)	8838071	MIL-F-12730	3/	R Comp	1.62 (45.36g)	8838

CHART 7. PYROTECHNICS, SIGNALS, ILLUMINATION AND SMOKE, GROUND — Continued

ILLU			ILLUMINANT OR SMOKE CHARGE						IGNITION SYSTEM			PRIMER	
										PROP. CHARGE			
/EIGHT OZ/(g)	DWG.	C. NO.	METHOD OF ACTUATION	TYPE	WEIGHT OZ/(g)	DWG. NO.	BODY ASSEMBLY DWG. NO.	PARACHUTE DWG. NO.	STABILIZER DWG. NO.	CARTRIDGE DESIG-NATION	KIND	WT g/(oz)	TYPE & DESIG-NATION	DWG. NO
.55 (99g)	78-2-	-S-60361	1/	R Comp	3.55 (99g)	78-2-300	78-2-331	9207865	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	6173949
.05 (141g)	78-2-	-S-20349	1/	R Comp	5.05 (141g)	78-2-301	9207852	—	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	6173949
.05 (141g)	78-2-	-S-20349	1/	R Comp	5.05 (141g)	78-2-301	78-2-331	—	8848618	M3 2/	M9	1.0 (0.035 oz)	Perc	6173949
4.26 (119g)	78-2-	-S-20471	1/	R Comp	4.26 (119g)	78-2-301	9207852	9207865	8848618	M3 2/	M9	1.11 (0.03885 oz)	Perc	6173949
4.26 (119g)	78-2-	-S-20471	1/	Y Comp	4.26 (119g)	78-2-301	9207852	9207865	8848618	M3 2/	M9	1.11 (0.03885 oz)	Perc	6173949
4.26 (119g)	78-2-	-S-20471	1/	G Comp	4.26 (119g)	78-2-301	9207852	9207865	8848618	M3 2/	M9	1.11 (0.03885 oz)	Perc	6173949
4.26 (119g)	78-2	-S-20471	Fired from M76 Grnd Lchr 10/	V Comp	4.26 (119g)	78-2-301	9207852	9207865	8848618	M3 2/	M9	1.11 (0.03885 oz)	Perc	6173949
0.42 (11g)	78-2	-S-20402	By hand	RR Comp	0.42 (11g)	78-2-400	78-2-399	—	—	—	BP	1.0 (0.035 oz)	Perc M27	74-2-400
2.50 (70g)	8797	-S-13261	3/	G Comp	2.50 (70g)	8797956	8797961	—	8797947	—	BP	39.0 (1.365 oz)	Perc No. 68	8797926
3.0 (84g)	8797	-S-13257	3/	R Comp	3.0 (84g)	8797971	8797961	8797991	8797947	—	BP	39.0 (1.365 oz)	Perc No. 68	8797926
3.5 (98g)	8797	-S-13257	3/	W Comp	3.5 (98g)	8797981	8797961	8797591	8797947	—	BP	39.0 (1.365 oz)	Perc No. 68	8797926
2.00 (56g)	8797	-S-13303	3/	G Comp	2.00 (56g)	8797998	8797961	8797991	8797947	—	BP	39.0 (1.365 oz)	Perc No. 68	8797926
2.00 (56g)	8797	-S-13303	3/	R Comp	2.00 (56g)	8797998	8797961	8797991	8797947	—	BP	39.0 (1.365 oz)	Perc No. 68	8797926
1.62 (45.36g)	8838	-F-12730	3/	R Comp	1.62 (45.36g)	8838055	8838071	8838056	—	—	BP	1.25 (0.04375 oz)	Perc M-42	8799925

MER	SYSTEM		PRIMER		EXPELLING CHARGE						PACKING	
	OP. CHARGE											
DWG. NO	IND	WT g/(oz)	TYPE & DESIG-NATION	DWG. NO	KIND	WT g/(oz)	DWG. NO.	DELAY IN SEC.	BURNING TIME (APPROX)	CANDLE POWER (APPROX)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
6173949	9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	9207855	5.5	20-30 Sec	20,000	76-1-1144	76-16-354
6173949	9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	78-2-306	5.5	4-10 Sec	35,000 4/	8866684	8866685
6173949	9	1.0 (0.035 oz)	Perc	6173949	BP	1.03 (0.03605 oz)	78-2-306	5.5	4-10 Sec	35,000 4/	76-1-1144	76-16-354
6173949	9	1.11 (0.03885 oz	Perc	6173949	BP	0.75 (0.02625 oz)	78-0-106	5.5	4-8 Sec	5/	8866684	8866685
6173949	9	1.11 (0.03885 oz	Perc	6173949	BP	0.75 (0.02625 oz)	78-0-106	5.5	4-8 Sec	5/	8866684	8866685
6173949	9	1.11 (0.03885 oz	Perc	6173949	BP	0.75 (0.02625 oz)	78-0-106	5.5	4-8 Sec	5/	8866684	8866685
6173949	9	1.11 (0.0388[illegible] oz	Perc	6173949	BP	0.75 (0.02625 oz)	78-0-106	5.5	4-8 Sec	5/	8866684	8866685
74-2-400	7	1.0 (0.035 oz)	Perc M27	74-2-400	BP	0.80 (0.028 oz)	78-2-400	2.4 4.8	4-6 Sec	8,000 (ea Star)	76-1-870	76-1-1255
8797926	7	39.0 (1.365 oz)	Perc No. 68	8797926	BP	0.75 (0.02625 oz)	8797920	5.0	6-10 Sec	9,000 4/	7548414	7548415
8797926	7	39.0 (1.365 oz)	Perc No. 68	8797926	BP	0.75 (0.02625 oz)	8787968	5.0	50 Sec (Minimum)	10,000	7548414	7548415
8797926		39.0 (1.365 oz)	Perc No. 68	8797926	BP	0.75 (0.02625 oz)	8797968	5.0	25 Sec (Minimum)	125,000	7548414	7548415
8797926		39.0 (1.365 oz)	Perc No. 68	8797926	BP	0.75 (0.02625 oz)	8797996	5.0	6-18 Sec	5/	7548414	7548415
8797926		39.0 (1.365 oz)	Perc No. 68	8797926	BP	0.75 (0.02625 oz)	8797996	5.0	6-18 Sec	5/	7548414	7548415
-42 8799925		1.25 (0.04375 oz)	Perc M-42	8799925	BP	2.25 (0.07895 oz)	8838044	5.0	30 Sec	10,000	8837838	8837837

									ILLUMINANT C			
LINE NO.	TYPE CLASSIFICATION	MSR AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIGNATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	COMPLETE ASSEMBLY DWG. NO.	SPEC. NO.	METHOD OF ACTUATION	TYPE	WEIGHT OZ/(g)	DWG. NO.	BOI ASSEM DWG.
29	STD	37833	Signal, Illum. Ground, Red Star, Cluster	M158	1.3 (585 g)	8797320-1	MIL-S-13261	3/	R Comp	2.50 (70g)	8839489-1	879796
30	STD	37833	Signal, Illum. Ground, White Star, Cluster	M159	1.3 (585 g)	8797320-2	MIL-S-13261	3/	W Comp	3.75 (105g)	8839489-2	879796
31	OBS	11756003	Signal, Ground, Smoke, White	XM166	(40g)	9212733	MIL-S-60396	By hand	W Comp	1.0 (28g)	9212735	921583
32	OBS	11756003	Signal, Ground, Smoke, Green	XM167	(27g)	9212733	MIL-S-60396	By hand	G Comp	0.63 (18g)	9212735	921583
33	OBS	11756003	Signal, Ground, Smoke, Red	XM168	(27g)	9212733	MIL-S-60396	By hand	R Comp	0.63 (18g)	9212735	921583
34	OBS	11756003	Signal, Ground, Smoke, Yellow	XM169	(27g)	9212733	MIL-S-60396	By hand	Y Comp	0.63 (18g)	9212735	921583
35	STD	7544	Signal, Kit Personnel, Distress Red 6/	M185	0.44 (198 g)	9231549	MIL-S-38409	From projector	9/	9/	9/	9/
36	STD	7544	Signal, Kit, Personnel, Distress Various Colors 7/	M186	0.44 (198 g)	9231549	MIL-S-38409	From Projector	9/	9/	9/	9/
37	CON	11756003	Signal, Illum. Ground, Red	M187	(16g)	9230101-1	MIL-S-30410	From Projector	RF Comp	52.4 grains	9230102	92301
38	CON	11756003	Signal, Illum. Ground, White	M188	(16g)	9230101-3	MIL-S-30410	From Projector	WF Comp	52.4 grains	9230105	92301
39	CON	11756003	Signal, Illum. Ground, Green	M189	(16g)	9230101-2	MIL-S-30410	From Projector	GF Comp	52.4 grains	9230104	92301
40	OBS	08846006	Signal, Illum. Ground, Amber	M190	(16g)	9230101-4	MIL-S-30410	From Projector	AF Comp	52.4 grains	9230103	92301
41	OBS	08846005	Signal, Illum. Smoke, Yellow Para.	M194	1.2 (540 g)	9255782	MIL-S-13303	Integral Launcher 3/	YS Comp	2.45 (70g)	9255783	87980
42	STD A	06828001	Signal, Illum. Ground, Green Star Para.	M195	1.2 (540 g)	9255112	MIL-S-13257	Integral Launcher 3/	G Comp	3.15 (90g)	9255113	87979
43	STD	8808	Signal Kit Personnel, Distress, Foliage Penetrating, Red 11/	M260 (25S-5A) AF	3.2 oz	600D7047-1		From Projector	9/	9/	9/	9/

1/ For use with Grenade Launcher M1, M7, M7A1, M7A2, M7A3, & M8.
2/ Cartridge, Rifle, Grenade, Cal. 30, M3, Dwg. C-6173949; Cartridge, Carbine, Grenade, Cal. 30 M6, Dwg. B-18179.
3/ Hand Held Rocket-Propelled Launching Mechanism.
4/ For each of 5 Starts.
5/ Produces Smoke Cloud
6/ Consists of 1 Hand-Held Projector, 7 red, M187, signals, SDK-15/P25S-1, and an instruction sheet.
7/ Consists of, Hand-Held Projector, 7 signals, variou M189; 2 white M188; and an instruction sheet.
8/ Signal, Illum, Ground, M17A1; M18A; M19A1; M20A STD C to Obsolete, AMCTC 6558.
9/ Not applicable.
10/ For use with Grenade Launcher M76.
11/ Kit consists of hand-held projector; plastic bandolier

CHART 7

CHART 7. PYROTECHNICS, SIGNALS, ILLUMINATION AND SMOKE, GROUND — Continued

ILLUMINANT C				ILLUMINANT OR SMOKE CHARGE						IGNITION SYSTEM			PRIMER	
											PROP. CHARGE			
G. NO.	BO TE ASSEM LY DWG.	SPEC. NO.	METHOD OF ACTUATION	TYPE	WEIGHT OZ/(g)	DWG. NO.	BODY ASSEMBLY DWG. NO.	PARACHUTE DWG. NO.	STABILIZER DWG. NO.	CARTRIDGE DESIG-NATION	KIND	WT g/(oz)	TYPE & DESIG-NATION	DWG. NO.
9489-1	879796	MIL-S-13261	3/	R Comp	2.50 (70g)	8839489-1	8797961	—	8797947	—	BP	39.0 (1.365oz)	Perc No. 68	8797926
9489-2	879796	MIL-S-13261	3/	W Comp	3.75 (105g)	8839489-2	8797961	—	8797947	—	BP	39.0 (1.365oz)	Perc No. 68	8797926
2735	921583	MIL-S-60396	By hand	W Comp	1.0 (28g)	9212735	9215831	—	—	—	—	—	Friction	9212733
2735	921583	MIL-S-60396	By hand	G Comp	0.63 (18g)	9212735	9215831	—	—	—	—	—	Friction	9212733
2735	921583	MIL-S-60396	By hand	R Comp	0.63 (18g)	9212735	9215831	—	—	—	—	—	Friction	9212733
2735	921583	MIL-S-60396	By hand	Y Comp	0.63 (18g)	9212735	9215831	—	—	—	—	—	Friction	9212733
	9/	MIL-S-38409	From projector	9/	9/	9/	9/	—	—	—	—	—	ALCAN (Perc)	9229016
	9/	MIL-S-38409	From Projector	9/	9/	9/	9/	—	—	—	—	—	ALCAN (Perc)	9229016
30102	92301	MIL-S-30410	From Projector	RF Comp	52.4 grains	9230102	9230100-1	—	—	—	—	—	ALCAN (Perc)	9229016
30105	92301	MIL-S-30410	From Projector	WF Comp	52.4 grains	9230105	9230100-3	—	—	—	—	—	ALCAN (Perc)	9229016
30104	92301	MIL-S-30410	From Projector	GF Comp	52.4 grains	9230104	9230100-2	—	—	—	—	—	ALCAN (Perc)	9229016
30103	92301	MIL-S-30410	From Projector	AF Comp	52.4 grains	9230103	9230100-4	—	—	—	—	—	ALCAN (Perc)	9229016
255783	87980	MIL-S-13303	Integral Launcher 3/	YS Comp	2.45 (70g)	9255783	8798007	8797991	8797947	—	BP	39.0 (1.365oz)	Perc No. 68	8797926
255113	87979	MIL-S-13257	Integral Launcher 3/	G Comp	3.15 (90g)	9255113	8797982	8797991	8797947	—	BP	39.0 (1.365oz)	Perc No. 68	8797926
9/	9/		From Projector	9/	9/	9/	9/	9/	9/	9/	—	—	--	—

7 signals, variou
tion sheet.
8A; M19A1; M20A

76.
plastic bandolier

an Grenade,

7/ Consists of, Hand-Held Projector, 7 signals, various colors, 3 red, M187, 2 green M189; 2 white M188; and an instruction sheet.
8/ Signal, Illum, Ground, M17A1; M18A; M19A1; M20A1; M51A1 reclassified from STD C to Obsolete, AMCTC 6558.
9/ Not applicable.
10/ For use with Grenade Launcher M76.
11/ Kit consists of hand-held projector; plastic bandolier holding 7 red signals.

ATION AND SMOKE, GROUND — Continued

IGNITION SYSTEM				PRIMER		EXPELLING CHARGE						PACKING	
		PROP. CHARGE											
CARTRIDGE DESIG-NATION	KIND	WT g/(oz)	TYPE & DESIG-NATION	DWG. NO.	KIND	WT g/(oz)	DWG. NO.	DELAY IN SEC.	BURNING TIME (APPROX)	CANDLE POWER (APPROX)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
—	BP	39.0 (1.365 oz)	Perc No. 68	8797926	BP	0.75 (0.02625 oz)	8797920	5.0	6-10 Sec	30,000 4/	7548414	7548415
—	BP	39.0 (1.365 oz)	Perc No. 68	8797926	BP	0.75 (0.02625 oz)	8797920	5.0	6-10 Sec	30,000 4/	7548414	7548415
—	—	—	Friction	9212733	9/	—	—	2-8.5	13-30 Sec	5/	9210949	9210950
—	—	—	Friction	9212733	9/	—	—	2-8.5	13-30 Sec	5/	9210949	9210950
—	—	—	Friction	9212733	9/	—	—	2-8.5	13-30 Sec	5/	9210949	9210950
—	—	—	Friction	9212733	9/	—	—	2-8.5	13-30 Sec	5/	9210949	9210950
—	—	—	ALCAN (Perc)	9229016	9/	—	—	—	5 Sec ea	3,200	9231550	9231551
—	—	—	ALCAN (Perc)	9229016	9/	—	—	—	5 Sec ea	3,200	9231550	9231551
—	—	—	ALCAN (Perc)	9229016	9/	—	—	0	5 Sec	3,200	9234286	9234257
—	—	—	ALCAN (Perc)	9229016	9/	—	—	0	5 Sec	3,200	9234286	9234287
—	—	—	ALCAN (Perc)	9229016	9/	—	—	0	5 Sec	3,200	9234286	9234387
—	—	—	ALCAN (Perc)	9229016	9/	—	—	0	5 Sec	3.200	9234286	9234287
—	BP	39.0 (1.365 oz)	Perc No. 68	8797926	BP	0.75 (0.02625 oz)	9255782	5.0	9.18 Sec	N/A	7548419	7548415
—	BP	39.0 (1.365 oz)	Perc No. 68	8797926	BP	0.75 (0.02625 oz)	9255112	5.0	50.0 Sec (Minimum)	5,000	7548414	7548415
9/	—	—	—	—	—	—	—	—	10.0 Sec	10,000	9231550	9231551

CHART 8. PYROTECHNICS, SIMULAT

LINE NO.	TYPE CLASSI-FICA-TION	MSR AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIG-NATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	COMPLETE ASSEMBLY DWG. NO.	SPEC. NO.	METHOD OF ACTUATION	PYROT CHA TYPE	WI
1	STD	03786035	Simulator, Projectile Air Burst, Liquid	M9	3.5 (1575 g)	15-12-223	Prov. Spec. 1763	Electrical	L1A1	0 (2
2	STD	03797001	Simulator, Flash Artillery 8/	M21	0.31 (139.5 g)	9322059	-	Electrical	Flash Comp	1. (4
3	OBS	11756003	Simulator, Projectile Air Burst Charge Smoke Puff, White	-	0.15 (67.5 g)	71-13-3	15-1-1	1/	BP	2. (5
4	OBS	11756003	Simulator, Projectile Air Burst	M27A1B1	0.58 (261 g)	8848652	MIL-S-20488	2/	Smk Comp	2. (6
5	STD	36841	Simulator, Projectile Air Burst	M74	0.34 (153 g)	8848486	MIL-S-20517	4/	Flash Powder	2. (5
6	STD	36841	Simulator, Projectile Air Burst	M74A1	0.34 (153 g)	8848486	MIL-S-20517	4/	Flash Powder	2. (5
7	STD	36841	Simulator, Gun Flash	M110	0.76 (342 g)	8848614	MIL-S-20441	Squib Electrically Actuated By Blasting Machine or Battery 5/	Flash Comp	3. (8
8	STD CON OBS	37524 6558 11756003	Simulator, Projectile Ground Burst	M115A2 M115A1 M115	0.30 (135 g)	7549246	MIL-S-10058	Hand pull cord	Flash Powder	2. (6
9	OBS	6558	Simulator, Hand Grenade	M116	0.2 (90 g)	8835109	MIL-S-10057	Hand pull cord	Flash Powder	1. (3
10	STD	37524	Simulator, Hand Grenade	M16A1	0.2 (90 g)	8835109	MIL-S-10057	Hand pull cord	Flash Powder	1. (3
11	STD	36841	Simulator, Booby Trap, Flash	M117	0.14 (63 g)	8848600	MIL-S-10521	Trip wire	Flash Comp	0. (2
12	STD	36841	Simulator, Booby Trap, Illum.	M118	0.14 (63 g)	8848601	MIL-S-10555	Trip wire	Illum Comp	0. (5.
13	STD	36841	Simulator, Booby Trap, Whistling	M119	0.15 (67.5 g)	8848602	MIL-S-10522	Trip	Whistle Comp	0. (3.
14	STD	37105	Simulator, Atomic Explosion	M142	190 to 199 (85500 g to 89550 g)	8864243	MIL-S-46528	Electric Squibs	6/	1, Ap (4
15	STD	36841 7008	Detonation, Simulator, Explosive	M80	0.013 (585 g)	8847437	MIL-S-20505	Flame	Flash Comp	0. (3.
16	STD	12796006	Simulator, Launching, Anti-Tank GM & Rkt	M22	1.83	11749630	MIL-STD-454	Electrical/ Mechanical	Pressed Smk Composition	0 (1

1/ Fired from Smoke Puff Discharger.
2/ Launcher, Grenade M7 Series.
3/ Cartridge Designation; Ctg. Rifle, Grenade, Cal. 30, M3 Dwg. C-6173949; Ctg. Carbine, Grenade, Cal. 30, M6 Dwg. B-6181079.
4/ Pistol, Pyrotechnic, AN-M8.
5/ Firing Tube.
6/ 5 Smoke Charges, 21 Lbs ±1 Lb, @, consisting of Black Powder, Magnesium and Aluminum Powders. One pound composition, 4 Lbs of Aluminum Powder, Potassium Perchlorate and Sulfur.
7/ Loud Report and Negligible Flash.
8/ Formerly C
9/ Load Report

CHART 8. PYROTECHNICS, SIMULATORS

PYROT CHA TYPE	W (	COMPLETE ASSEMBLY DWG. NO.	SPEC. NO.	METHOD OF ACTUATION	PYROTECHNIC CHARGE TYPE	PYROTECHNIC CHARGE WEIGHT OZ/(g)	PYROTECHNIC CHARGE DWG. NO.	BODY OR CASE NO.	PROPELLANT DWG. NO.	PROPELLANT KIND	PROPELLANT WEIGHT OZ/(g)	PRIMER OR IGNITER DWG. NO.	PRIMER OR IGNITER TYPE
L1A1	0 (2	15-12-223	Prov. Spec. 1763	Electrical	L1A1	0.84 (24 g)	QW-114-AF	QW-114-AF	QW-114-AF	BP	4.5 (0.1575 oz)	QW-114-AF	BP
Flash Comp	1. (4	9322059	-	Electrical	Flash Comp	1.5 (42g)	13060930	13060930	-	-	-	13060952	Igniter tric Ass
BP	2. (5	71-13-3	15-1-1	1/	BP	2.0 (56g)	71-13-3	7-13-3	17-13-3	BP	57.0 (1.995 oz)	-	Primer Perc
Smk Comp	2. (6	8848652	MIL-S-20488	2/	Smk Comp	2.2 (61.6g)	8848651	8848651	8848652	M9	0.60 (0.021 oz)	-	3/
Flash Powder	2. (5.	8848486	MIL-S-20517	4/	Flash Powder	2.08 (58.24g)	8848485	8847468	8848486	BP	1.36 (0.0476 oz)	8798919	Primer Perc M
Flash Powder	2. (5	8848486	MIL-S-20517	4/	Flash Powder	2.08 (58.24g)	8848485	8847468	8848486	BP	1.36 (0.0476 oz)	8798919	Primer Perc M
Flash Comp	3. (8	8848614	MIL-S-20441	Squib Electrically Actuated By Blasting Machine or Battery 5/	Flash Comp	3.0 (84g)	8848614	8848609	-	-	-	9212302	Elec Squib
Flash Powder	2. (6	7549246	MIL-S-10058	Hand pull cord	Flash Powder	2.2 (61.6g)	8865588	7549246	7549227	Whistle Comp	2.0 (0.07 oz)	8833721	Igniter, Blastin Fuze Frictio M3A1
Flash Powder	1. (3	8835109	MIL-S-10057	Hand pull cord	Flash Powder	1.3 (36.4g)	8835113	8835109	-	-	-	8833721	Igniter Blastin Fuze M
Flash Powder	1. (3	8835109	MIL-S-10057	Hand pull cord	Flash Powder	1.3 (36.4g)	8835113	8835109	-	-	-	8833721	Igniter Blastin Fuze M
Flash Comp	0. (2	8848600	MIL-S-10521	Trip wire	Flash Comp	0.09 (2.52g)	9269238	8848586	-	-	-	8848587	Frictio
Illum Comp	0. (5.	8848601	MIL-S-10555	Trip wire	Illum Comp	0.18 (5.04g)	9270718	8848586	-	-	-	8848587	Frictio
Whistle Comp	0. (3.	8848602	MIL-S-10522	Trip	Whistle Comp	0.12 (3.36g)	8848586	8848586	-	-	-	78-0-125	Frictio
6/	1, Ap (4	8864243	MIL-S-46528	Electric Squibs	6/	1,744 Approx (48.832g)	8864236	8864243	8864222	Sound Comp	1814.4 (63.504 oz)	8864230	Elec Squib BP 32
Flash Comp	0. (3.	8847437	MIL-S-20505	Flame	Flash Comp	0.11 (3.08g)	8847440	8847440	-	-	-	8847437	Fire-Crack Fuse
Pressed Smk Composition	0 (1	11749630	MIL-STD-454	Electrical/ Mechanical	Pressed Smk Composition	0.49 oz (14 g)	11749633	11749631	11749643 11749639	Flash Bang	—	9345327	Magn Teflo

8/ Formerly Cartridge 50MM Pyrotechnic M800.
9/ Load Report and Visual Simulation of Tank Gun.

8/ Formerly Ca[illegible]e.
9/ Load Report[illegible]harges, 21 Lbs ±1 Lb, @, consisting of Black Powder, [illegible]n and Aluminum Powders. One pound composition, 4 Lbs [illegible]m Powder, Potassium Perchlorate and Sulfur. [illegible]rt and Negligible Flash.

RIMER IGNITER		PROPELLANT			PRIMER OR IGNITER		BURNING TIME IN SEC (APPROX)	CANDLE POWER (APPROX)	DELAY IN SEC.	PACKING	
NO.	TYPE	DWG. NO.	KIND	WEIGHT OZ/(g)	DWG. NO.	TYPE				INNER PACK DWG. NO.	OUTER PACK DWG. NO.
4-AF	BP	QW-114-AF	BP	4.5 (0.1575 oz)	QW-114-AF	BP	-	-	-	D15-17-224 D1f 12-227	D15-12-228
952	Igniter tric Ass	-	-	-	13060952	Igniter Electric Assy	Inst	9/	-	-	-
	Primer Perc	17-13-3	BP	57.0 (1.995 oz)	-	Primer Perc	Inst	Smoke Cloud	0	76-2-71	76-2-70
	3/	8848652	M9	0.60 (0.021 oz)	-	3/	Inst	Smoke Cloud	5	8860[illegible]6	8860597
19	Primer Perc M	8848486	BP	1.36 (0.0476 oz)	8798919	Primer Perc M39A1	Inst	600,000	2 to 3	8836949	8836950
19	Primer Perc M	8848486	BP	1.36 (0.0476 oz)	8798919	Primer Perc M39A1	Inst	600,000	2 to 3	8836949	8836950
302	Elec Squib	-	-	-	9212302	Elec Squib S93	Inst	-	0	8880487	8880486
721	Igniter, Blastin Fuze Frictio M3A1	7549227	Whistle Comp	2.0 (0.07 oz)	8833721	Igniter, Blasting Fuze Friction M3A1	Inst	-	6-10 (Whistle) 8-14 (Burst)	8799711	8799710
721	Igniter Blastin Fuze M	-	-	-	8833721	Igniter Blasting Fuze M3A1	Inst	-	5-10 Sec	8799714	8799715
721	Igniter Blastin Fuze M	-	-	-	8833721	Igniter Blasting Fuze M3A1	Inst	-	6-10 Sec	8799714	8799715
8587	Frictio	-	-	-	8848587	Friction	Inst	100,000	0	8799713	8799712
8587	Frictio	-	-	-	8848587	Friction	28 Sec	50,000	0	8799713	8799712
0-125	Frictio	-	-	-	78-0-125	Friction	2.5-5 (Whistle)	-	0	8799716	8799717
4230	Elec Squib BP 32	8864222	Sound Comp	1814.4 (63.504 oz)	8864230	Elec Squib S67 BP 325GRM	1.8 to 2.4	Fireball 10 ft. Min. Dia.	0	8864219	None Required
7437	Fire-Crack Fuse	-	-	-	8847437	Fire-Cracker Fuse	Inst	7/	3-7 Sec	8853677	8853678
345327	Magn Teflo	11749643 11749639	Flash Bang	—	9345327	Magnesium Teflon	0.4 Sec	4000°F	None	9344297	9344296

CHART 9. PYROTECHNICS,

LINE NO.	TYPE CLASSI-FICA-TION	AMCTCM OR OTCM NO.	NOMEMCLATURE	MODEL DESIGNA-TION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	COMPLETE ASSEMBLY DWG. NO.	SPEC. NO.	METHOD OF ACTUATION	PYROT: TYPE
1	STD	36841	FUSEE, Warning Railroad, Red, 20 Min 1/	M72	0.64 (288 g)	9254991	MIL-F-20409	By hand	Illum Comp
2	STD	36841	Igniter, Ram-Jet Engine	M113	1.50 (675 g)	78-0-127	MIL-P-13190	Elec Operated	Illum Comp
3	STD	36841	Igniter, Ram-Engine	M113	1.50 (675 g)	78-0-127	MIL-P-13190	Elec Operated	Illum Comp
4	STD	36841	Igniter, Ram-Engine	M114	0.75 (338 g)	8838168	MIL-F-13190	Elec Operated	Illum Comp
5	STD	36841	Igniter, Ram-Jet	M132	1.00 (450 g)	78-2-590	MIL-F-13407	Elec Operated	Illum Comp
6	STD	36841	Igniter, Ram-Jet Engine	M133	1.80 (810 g)	78-2-592	MIF-F-13414	Elec Operated	Illum Comp
7	STD	36841	Igniter, Ram-Jet Engine	M134	1.00 (450 g)	78-0-155	MIF-F-13416	Elec Operated	Illum Comp
8	STD	36841	Igniter, Ram Jet Engine	M135	1.00 (450 g)	78-0-155	MIL-F-13416	Elec Operated	Illum Comp
9	STD	5509 CCTC 4/	Starter, Fire NP3	M2	0.013 (5 g)	4-1-14	MIL-S-13175	Match Type Striker	Gel Kerosene
10	-	-	Marker, Location Marine Night 2/	Mk 2 Mod 0	2.5 (1125 g)	344505	MIL-M-18598	By hand	Illum Comp
11	STD	36841	Marker, Location Marine 3/	AN-M59	1.4 (630 g)	9224950	MIL-M-13703	By hand	Marker Dye

PYROTECHNIC CHARGE			BODY OR CASE DWG. NO.	INITIATOR		DELAY TIME IN SEC.	BURNING TIME IN SEC.	CANDLE POWER	PACKING	
TYPE	WT. OZ/(g)	DWG. NO.		DWG. NO.	TYPE				INNER PACK DWG. NO.	OUTER PACK DWG. NO.
Illum Comp	9.00 (252g)	78-2-449	78-0-94	78-2-449	Friction Charge, Priming	0	1,200 10-15-20 min (depen. upon model)	850	8835158	8835159
Illum Comp	18.5 (518g)	78-0-127	78-0-128	8799892	Squib Elec M2	0	45	-	8836954	8836953
Illum Comp	18.5 (518g)	78-0-127	78-0-128	8799892	Squib Elec M2	0	90	-	8836954	8836953
Illum Comp	7.00 (196g)	8838168	8838142	8799892	Squib Elec M2	0	45	-	8836951	8836952
Illum Comp	9.00 (252g)	78-2-590	78-2-591	8799892	Squib Elec M2	0	90	-	8797644	8797645
Illum Comp	10.50 (294g)	78-2-592	78-2-593	8799892	Squib Elec M2	0	16	-	8797651	8797650
Illum Comp	3.30 (92.4g)	78-0-155	78-2-589	8799892	Squib Elec M2	0	10	-	8797647	8797646
Illum Comp	3.30 (92.4g)	78-0-155	78-2-589	8799892	Squib Elec M2	0	20	-	8797647	8797646
Gel Kerosene	0.14 (3.92g)	143-13-4	4-1-17	143-15-2	Friction	0	240 4 min	-	-	4-2-70
Illum Comp	1.12 (31.36g)	-	-	-	-	70 to 90	2,700 to 3,300	150	-	JAN-P-108
Marker Dye	0.22 (6.16g)	9224949	9224950	-	-	0	0	0	9224974	9224975

CHART 9. PYROTECHNICS, MISCELLANEOU

LINE NO.	TYPE CLASSI-FICA-TION	MSR AMCTC OTCM CCTM NO.	NOMENCLATURE	MODEL DESIGNA-TION	NOMINAL WEIGHT LOADED (LBS-g)	COMPLETE ASSEMBLY DWG. NO.	SPEC. NO.	METHOD OF ACTUATION	TYPE
12	CONT	11756003	Smoke, Pot, HC, 10 Lb., Ground Type	M1	12.5	36-1-1	MIL-P-120301	Match Head and Scratching Block	Type C HC Smk Mixture
13	STD LCC-A	02828004	Smoke, Pot, HC, 30 Lb., Ground Type	ABC-M5	33.0	36-1-18	MIL-S-13183	Match Head and Scratching Block	Type C HC Smk Mixture
14	CONT	11756003	Smoke, Pot Floating, HC	M4A2	26.5	36-1-26	JAN-P-637	Fuze	Type C HC Smk Mixture
15	CONT	11756003	Smoke, Pot, SGF2 Ground or Floating Type	AN-M7A1	25.5	36-1-118	MIL-S-51235	Fuze	SGF2 Fog-Oil Mixture

1/ Fusees with burning times of 5, 10, and 15 minutes are obsolete - MSR-11756003.
2/ Former item nomenclature, marker, depth charge.
3/ Forms a chrome yellow slick - does not burn.
4/ Responsibility of Edgewood Arsenal.

SCELLANEOU

	METHOD OF ACTUATION	PYROTECHNIC CHARGE TYPE	WT	DELAY TIME (SEC)	BURNING TIME (MIN)	FUZE MODEL	FUZE DWG. OR SPEC.	PACKING TYPE OF CONTAINER	PACKING DWG. NO.
TYPE	itch Head and ratching Block	Type C HC Smk Mixture	5 - 11 lb.	10	5 - 8	None	—	Wood Box	36-1-88
Type C HC Smk Mixture	itch Head and ratching Block	Type C HC Smk Mixture	31.0	20-30	12 - 22	None	—	Wood Box	36-3-30 36-3-135
Type C HC Smk Mixture	ze	Type C HC Smk Mixture	13.0	10-20	10 - 15	M207A1	86-7-36 MIL-F-10914	Wood Box Steel Drum	36-3-134
Type C HC Smk Mixture	ze	SGF2 Fog-Oil Mixture	13.0	8-20	8 - 13	M208 Mechanical or M209 Electrical	MIL-F-11522 MIL-F-11673		36-2-214
SGF2 Fog-Oil Mixture									

LINE NO.	TYPE CLASSIFICATION	MSR, AMCTCM OR OTCM NO.	COMPLETE ASSEMBLY	WARHEAD						
				MODEL DESIGNATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	METAL PARTS ASSEMBLY DWG. NO.	SPEC. NO.	LOADING DWG. NO.	FILLER TYPE	FILLER WEIGHT LB/(g)
1	STD	08986015	2.75 Inch Rocket, HE, w/WHD, M151	M151	9.4 (4230 g)	8889406	MIL-W-50504	8882186	Comp B4	2.3 (1035 g)
2	STD	10756032	2.75 Inch Rocket, WP, w/WHD, M156	M156	9.7 (4365 g)	D90-1-39	MIL-W-60305	9252330 D90-1-44	WP	0 12 (54 g)
3	LP	2213	2.75 Inch Rocket, Spotting, Red Smoke, w/WHD XM157	XM157	9.4 (4230 g)	9221051	MIL-W-60429	9219329	Red Smoke Composition w/Baratol Burster Charge	0.33 (149 g) 2 (900 g)
4	LP	2213	2 75 Inch Rocket, Spotting, Yellow Smoke, w/WHD XM158	XM158	9.4 (4230 g)	9221051	MIL-W-60429	9219329	Yellow Smoke Composition w/Baratol Burster Charge	0.33 (149 g) 2 (900 g)
5	STD	8685	2.75 Inch Rocket, HE, w/WHD M229	M229	18.1 (8145 g)	9218699 9238883 9220806	PA-PD-2912 MIL-W-14969	9218698	Comp B4	4.8 (2160 g)
6	STD	9153	2.75 Inch Rocket, Practice, w/WHD M230	M230	9.4 (4230 g)	8889406-2 9221050	MIL-W-60425	9221050 9242550	Inert Filler Type II MIL-I-60350	2 3 (1035 g)
7	LP LP-U	9354 04736108	2 75 Inch Rocket, HE, Dual Purpose, w WHD XM247	M247	8 8 (3960 g)	9258191	MIL-W-50985	9258192 9230114 9235841	Comp B4	2 (900 g)
8	OBS	15776015	2 75 Inch Rocket, Flechette, WDU-4A/A	WDU-4A/A	9 3 (4185 g)	67D9700 6242070	MIL-W-50556 50549	67D9700	Flechettes (2,200) 20 Grain	(5.9 g) M9 Prop.
9	STD	10956032	2 75 Inch Rocket, Flechette, w/WHD M255	M255	13 5 (6075 g)	—	MIL-W-48299	9298304	Flechettes (2,500) 28 Grain	9 0 (4050 g)

ART 10 2 75-I

CHART 10 2 75-INCH LOW SPIN, FOLDING FIN AERIAL ROCKET SYSTEM 4/

		COMPONENT PARTS												
		WARHEAD						FUZE		MOTOR				
	FILLER WEIGHT LB/(g)	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	METAL PARTS ASSEMBLY DWG. NO.	SPEC. NO.	LOADING DWG. NO.	FILLER TYPE	FILLER WEIGHT LB/(g)	MODEL DESIG-NATION	DRAWING NO.	MODEL DESIG-NATION	LOADING ASSEMBLY DWG. NO.	METAL PARTS ASSEMBLY DWG. NO.	PROPELLANT	IGNITER
4	2.3 (1035 g)	9.4 (4230 g)	8889406	MIL-W-50504	8882186	Comp B4	2.3 (1035 g)	M423, PD M427, PD M429, PROX M431, PD M433, RC	8883683 8883745 11705900 9224063 9239696	MK40 & MODS	9220803	5/	2/	3/
	0 12 (54 g)	9.7 (4365 g)	D90-1-39	MIL-W-60305	9252330 D90-1-44	WP	0 12 (54 g)	M423, PD M427, PD M431, PD	8883683 8883745 9224063	MK40 & MODS	9220803	5/	2/	3/
oke ition tol	0.33 (149 g) 2 (900 g)	9 4 (4230 g)	9221051	MIL-W-60429	9219329	Red Smoke Composition w/Baratol Burster Charge	0.33 (149 g) 2 (900 g)	M423, PD	8883683	MK40 & MODS	1569445	1569446	2/	3/
Com- tol	0.33 (149 g) 2 (900 g)	9 4 (4230 g)	9221051	MIL-W-60429	9219329	Yellow Smoke Composition w/Baratol Burster Charge	0 33 (149 g) 2 (900 g)	M423, PD	8883683	MK40 & MODS	1569445	1569446	2/	3/
34	4.8 (2160 g)	18 1 (8145 g)	9218699 9238883 9220806	PA-PD-2912 MIL-W-14969	9218698	Comp B4	4.8 (2160 g)	M423, PD M429, PROX	8883683 11705900	MK40 & MODS	9220803	5/	2/	3/
iller 60350	2 3 (1035 g)	9.4 (4230 g)	8889406-2 9221050	MIL-W-60425	9221050 9242550	Inert Filler Type II MIL-I-60350	2 3 (1035 g)	M435	9234469	MK40 & MODS 3	9220303	5/	2/	3/
B4	2 (900 g)	[illegible] (3960 g)	9258191	MIL-W-50985	9258192 9230114 9235841	Comp B4	2 (900 g)	XM438 PIBD	9259237	MK40 & MODS	9220803	5/	2/	3/
ttes) in	(5.9 g) M9 Prop.	9 3 (4185 g)	67D9700 6242070	MIL-W-50550 50549	67D9700	Flechettes (2,200) 20 Grain	(5.9 g) M9 Prop.	BD - Integral	66B10116	MK40 & MODS	9220803	5/	2/	3/
ttes) in	9 0 (4050 g)	13 5 (6075 g)	—	MIL-W-48299	9298304	Flechettes (2,500) 28 Grain	9 0 (4050 g)	M439 ET	9260704	MK40 & MODS	9220803	5/	2/	3/

...N, FOLDING FIN AERIAL ROCKET SYSTEM 4/

...MPONENT PARTS									PACKING			
		FUZE	MOTOR					LAUNCHER 1/	INNER		OUTER	
...ANT	IGNITER	DRAWING NO.	MODEL DESIG-NATION	LOADING ASSEMBLY DWG. NO.	METAL PARTS ASSEMBLY DWG. NO.	PROPELLANT	IGNITER	MODEL DESIGNATION	ROCKET DESIGNATION	ROCKET DRAWING NO.	QTY IN PACK (WHDS W/ FUZE MTR)	DRAWING NO.
	3/	8883683 8883745 11705900 9224063 9239696	MK40 & MODS	9220803	5/	2/	3/	M158 A1 M200 A1 M260 M261	PA 30 W/ M423, M427 PA 27 W/M429	9230113 9230377	25 4/	9230114
	3/	8883683 8883745 9224063	MK40 & MODS	9220803	5/	2/	3/	M158 A1 M200 A1 M260 M261	PA 30	9230113	25 4/	8886810 9230114 9235841
	3/	8883683	MK40 & MODS	1569445	1569446	2/	3/	M158 A1 M200 A1 M260 M261	M523 (Whd)	8886811	25 4/	9230114 9235841
	3/	8883683	MK40 & MODS	1569445	1569446	2/	3/	M158 A1 M200 A1 M260 M261	M523 (Whd)	8886811	25 4/	9230114 9235841
	3/	8883683 11705900	MK40 & MODS	9220803	5/	2/	3/	M158 A1 M200 A1 M260 M261	PA 29 W/ M423, M427 PA 28 W/M429	9230115 9230378	25 4/	9224843 9230114 9235841
	3/	9234469	MK40 & MODS 5	9220803	5/	2/	3/	M158 A1 M200 A1 M260 M261	PA 30	9230113	25 4/	9230114 9235841
	3/	9259237	MK40 & MODS	9220803	5/	2/	3/	M158 A1 M200 A1 M260 M261	PA 61	9269136	25 4/	9230114 9235841
	3/	66B10116	MK40 & MODS	9220803	5/	2/	3/	M158 A1 M200 A1 M260 M261	PA 47	9235961	25 4/	9230114 9235841
	3/	9260704	MK40 & MODS	9220803	5/	2/	3/	M227	—	—	4/	9276821 9230116

LINE NO.	TYPE CLASSIFICATION	MSR, AMCTCM OR OTCM NO.	COMPLETE ASSEMBLY	WARHEAD							
				MODEL DESIGNATION	NOMINAL WEIGHT LOADED AND FUZED LB/(g)	METAL PARTS ASSEMBLY DWG. NO.	SPEC. NO.	LOADING DWG. NO.	FILLER TYPE	FILLER WEIGHT LB/(g)	MODEL DESIGNATION
10	STD	08786008	2.75 Inch Flare, Illum, M257	M257	10.8 (4860 g)	—	QAP-2521	7U48300	Illum 1,000,000 CP	5.0 (2250 g)	M442 BD
11	STD LCC-A	08786008	2.75 Inch Rocket, SMK, WP, M259	M259	8.75 (3938 g)	90-1 338	MIL-R-50263 appen 1	D90-1-332	WP	3 5 (1575 g)	Integra
12	STD	36841 9153	2.75 Inch Rocket, Practice, w/WHD WTU-1/B	WTU-1/B	9 4 (4230 g)	650195	N A	656227 2618015	HBX-1	1.4 (630 g)	PDMS
13	STD	04826008	2.75 Inch Rocket, HE, Multi-purpose Submunition (HEMPSM)	M261	13.6 (6169 g)	9335701	MIL-W-63468	9334122 9334097	9-73 Grenades 0.2 Lbs Comp B	Ea. Gren 1.2 Lb 9 Grenades 10 8 Lbs	M439
14	STD	04829008	2.75 Inch Rocket, Practice, Smoke (MPSM)	M267	13.6 (6169 g)	9334123	MIL-W-63441	9334123	3-75 Prac. Grenades Aluminum Powder 67% Potassium Perc 33% 6 Simulators	Ea. Gren. 0.04 Lb 9 Grenades 0.34 Lb.	M439
15	STD	04826008	2.75 Inch Rocket, w/WHD M151 fuzed w/M423 & M433 fuzes	M151	9 4 (4230 g)	8889406 (13058371-1 w/M423) (13058371-2 w/M433)	—	8882186	Comp L	2 3 (1035 g)	423 PI 433 RO

1/ Launchers are multi-tube construction and have following rocket load capacity:

LAUNCHER	MAX ROCKET CAPACITY
XM157-OBS-MSR-09736016	7
M158	7
XM159C-OBS-MSR-05736031	19
XM3	24
XM200	19
M200	19
M261	19

2/ Propelling Charge, MK43, MOD 1, is common to all motors. Weight of N5 propellant is 5.9 lbs with plastic components and inhibitor increasing weight to 6 6 lbs. The charge is in a single grain or stick form with a cross sectional configuration of an 8-point, perforated star (Drawing No. 656706).

3/ Igniter MK125, MOD 5, is common to all motors (Drawing No. 457888). Contains a MK1, MOD 0 electrical squib, and a 10 grain charge (80% black powder and 20% coated magnesium powder).

4/ For Army use only

5/ Not Applicable, each metal part is made separately.

6/ Extruded double base ethyl cellul inhibited and cartridge loaded 3-t internal burning star.

2.75-INCH LOW S

CHART 10. 2.75-INCH LOW SPIN, FOLDING FIN AERIAL ROCKET SYSTEM 4/ - Continued

		COMPONENT PARTS												
	EAD					FUZE		MOTOR					LAUNCHER 1/	
LLER EIGHT B/(g)	MODEL DESIG-NATION	TAL RTS MBLY . NO.	SPEC. NO.	LOADING DWG. NO.	FILLER TYPE	FILLER WEIGHT LB/(g)	MODEL DESIG-NATION	DRAWING NO.	MODEL DESIG-NATION	LOADING ASSEMBLY DWG. NO.	METAL PARTS ASSEMBLY DWG. NO.	PROPELLANT	IGNITER	MODEL DESIGNATION	DES
5.0 2250 g)	M442 BD		QAP-2521	7U48300	Illum 1,000,000 CP	5 0 (2250 g)	M442 BD	7U48314	MK40 & MODS	9220803	5/	2/	3/	M200 M158 M159 M260 M261	
3 5 1575 g)	Integra	33S	MIL-R-50263 appen 1	D90-1-332	WP	3 5 (1575 g)	Integral	–	MK40 & MODS	9220803	5/	2/	3/	M200 M158 M159 M260 M261	
1 4 630 g)	PDMK	5	N/A	656227 2618015	HBX-1	1.4 (630 g)	PDMK 176	219160	MK40 & MODS	1569418	1569446	2/	3/	M158 A1 M200 A1 M260 M261	PA
Ea. Gren 1.2 Lb 9 Grenades 10 8 Lbs	M439	91	MIL-W-63468	9334122 9334097	9-73 Grenades 0.2 Lbs Comp B	Ea. Gren 1.2 Lb 9 Grenades 10 8 Lbs	M439	9260704	MK66 MOD 1	233AS400	233AS107	MK90 MOD 0 6/	3/	M260 M261	PA
Ea. Gren. 0 04 Lb 9 Grenades 0.34 Lb.	M439	23	MIL-W-63441	9334123	3-75 Prac. Grenades Aluminum Powder 67% Potassium Perc 33% 6 Simulators	Ea. Gren. 0 04 Lb 9 Grenades 0.34 Lb.	M439	9260704	MK66 MOD 1	233AS400	233AS107	MK90 MOD 0 6/	3/	M260 M261	PA
2 3 (1035 g)	423 PD 433 RC	0C 371-1 3) 371-2 3)	–	8982186	Comp B	2.3 (1035 g)	423 PD 433 RC	8883683 9239696	MK66 MOD 1	233AS400	233AS107	MK90 MOD 0 6/	3/	M260 M261	PA

ise only

ble, each metal part is made separately.

ouble base ethyl cellulose inhibited and cartridge loaded 8-point internal burning star.

ing Charge, MK43, MOD 1, is common otors. Weight of N5 propellant is 5.9 lbs stic components and inhibitor increasing 6 0 lbs. The charge is in a single stick form with a cross sectional con- on of an 8-point, perforated star g No. 656706).

MK125, MOD 5, is common to all motors g No. 457888). Contains a MK1, MOD 0 al squib, and a 10 grain charge (80% wder and 20% coated magnesium powder).

4/ For Army use only.

5/ Not Applicable, each metal part is made separately.

6/ Extruded double base ethyl cellulose inhibited and cartridge loaded 8-point internal burning star.

FIN AERIAL ROCKET SYSTEM 4/ - Continued

RTS						PACKING			
MOTOR					LAUNCHER 1/	INNER		OUTER	
MODEL DESIG-NATION	LOADING ASSEMBLY DWG. NO.	METAL PARTS ASSEMBLY DWG. NO.	PROPELLANT	IGNITER	MODEL DESIGNATION	ROCKET DESIGNATION	ROCKET DRAWING NO.	QTY IN PACK (WHDS W/ FUZE MTR)	DRAWING NO.
MK40 & MODS	9220803	5/	2/	3/	M200 M158 M159 M260 M261	—	—	25 4/	8887478 8883479
MK40 & MODS	9220803	5/	2/	3/	M200 M158 M159 M260 M261	—	—	90-1-320 4/	9230116
MK40 & MODS	1569418	1569446	2/	3/	M158 A1 M200 A1 M260 M261	PA 30	9231003	4 4/	8888110 9230114
MK66 MOD 1	233AS400	233AS107	MK90 MOD 0 6/	3/	M260 M261	PA 89	9335610	4 Ea.	9230116
MK66 MOD 1	233AS400	233AS107	MK90 MOD 0 6/	3/	M260 M261	PA 89	9335610	4 Ea.	9230116
MK66 MOD 1	233AS400	233AS107	MK90 MOD 0 6/	3/	M260 M261	PA 89	9335610	4 Ea.	9230116

LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	COMPLETE ASSEMBLY						
			CALIBER	MODEL DESIGNATION	TYPE	NOMINAL WT LOADED AND FUZED LB/(g)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF LAUNCHER
1	STD	36433	3.5 In.	M28A2	HEAT	9.00 (4050 g)	9211744 (82-6-22)	MIL-R-12621	M20 Series
2	STD	36841	3.5 In.	M29A2	Prac	8.96 (4032 g)	82-6-23	MIL-R-12614	M20 Series
3	OBS	11756003	3.5 In.	M30	Smoke (WP)	8.96 (4032 g)	82-6-26	PA-PD-213	M20 Series
4	OBS	6793 05806019	66MM	M72	HEAT	2.3 1/ (1035 g)	10048503	MIL-R-60011	M72
5	OBS	8071 05806019	66MM	M72A1	HEAT	2.3 1/ (1035 g)	9210276 10048503	MIL-R-14741	M72A1
6	STD LCC-B STD LCC-A	09806022 09806021	66MM	M72A2 M72A3	HEAT HEAT	2.3 1/ (1035 g) 2.3 (1035 g)	9244054 9271631 9210200 272103-000	MIL-R-40431 MIL-R-50431	M72A1E1 M72A1 M72A2
7	STD	9018	66MM	M74	Incendiary	2.95 approx. (1328 g)	E147-1-39	MIL-R-51344	M202 & M202A1
8	STD	7617	35MM	M73	Practice	0.37 (167 g)	10242725	MIL-R-50858	M190
9	STD	—	5 In.	Mk22 Mod 4	HE	130 lbs	525-174-0129	WS-24354	M58 Trailer Mounted

1/ Weight shown is Rocket Assembly only. Rocket is shipped with expendable launcher; total weight including launcher is approximately 5 lbs.

2/ Igniter and Primer molded assembly.

CHART 11. ROCKETS, GROUND; 3.5 INCH, 4.5 INCH, 5 INCH, 66 MILLIMETER

MODEL OF LAUNCHER	NOMINAL WT LOADED AND FUZED LB/(g)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF LAUNCHER	HEAD LOADING ASSEMBLY DWG. NO.	FILLER COMPOSITION	FILLER WT LB/(g)	FUZE DESIGNATION	FUZE TYPE	FUZE DWG. NO.	OTHER COMPONENTS KIND	OTHER COMPONENTS DWG.
20 Series	9.00 (4050 g)	9211744 (82-6-22)	MIL-R-12621	M20 Series	82-16-36	Comp B	1.88 (846 g)	M404A2 or M404A1	BD	9209515	-	-
20 Series	8.96 (4032 g)	82-6-23	MIL-R-12614	M20 Series	82-6-23	Inert	1.88 (846 g)	M405A2	Dummy	72-5-16	-	-
20 Series	8.96 (4032 g)	82-6-26	PA-PD-213	M20 Series	82-16-39	WP	2.23 (1004 g)	M404A2 or [illegible]	BD	9209515	Burster M19	92053
72	2.3 1/ (1035 g)	10048503	MIL-R-60011	M72	9235663	Octol	0.67 (302 g)	M41[illegible]	BD	10048788 9235663	-	-
72A1	2.3 1/ (1035 g)	9210276 10048503	MIL-R-14741	M72A1	10048525	Octol	0.67 (302 g)	M412[illegible]	PIBD	10048788	-	-
72A1E1 72A1	2.3 1/ (1035 g)	9244054 9271631 9210200	MIL-R-40431	M72A1E1 M72A1	9220248	Octol	0.67 (302 g)	M412A1	PIBD	9223224	-	-
72A2	2.3 (1035 g)	272103-000	MIL-R-50431	M72A2	9220248	Octol	0.67 (302 g)	M412A1	PIBD	9223224	-	-
202 & 202A1	2.95 approx. (1328 g)	E147-1-39	MIL-R-51344	M202 & M202A1	C147-1-30	Pyro Phoric	1.30 (585 g)	M434	BD	D9252815	-	-
190	0.37 (167 g)	10242725	MIL-R-50858	M190	10242708	FLASH MIX COMPOUND	0.003 (1.35 g)	M7	Integ Base Detonating	10242725	-	-
M58 Trailer Mounted	130 lbs	525-174-0129	WS-24354	M58 Trailer Mounted	525-174-0129	—	—	N/A	Filtered Initiator 1 Watt 1 Amp	525-174-0137	—	—

ped with expendable
ely 5 lbs.

5 INCH, 66 MILLIMETER

C O

COMPONENT PARTS

OTHER COMPONENTS		FUZE		OTHER COMPONENTS		METAL PARTS ASSEMBLY DWG. NO.	MOTOR						
							LOADING						
								PROPELLING CHARGE				IGNITER	
IND	DWG.	TYPE	DWG. NO.	KIND	DWG. NO.		LOADING ASSEMBLY DWG. NO.	DESIG-NATION	WT. LB/(g)	FORM	DWG. NO.	DESIG-NATION	DWG. NO
-	-	BD	9209515	-	-	82-5-131	9225502 82-16-23	M7	0.35 (158 g)	Solvent 12 sticks	82-16-35	M20A1	8886428
-	-	Dummy	72-5-16	-	-	82-5-145	9225502 (82-16-35) 82-16-83	M7	0.44 (198 g)	Solvent 12 sticks	82-16-35	M20A1	8886428
urster (19	92053	BD	9209515	Burster M19	9205343	82-5-166	9225502 (82-16-39)	M7	0.35 (158 g)	12 sticks	82-16-35	M20A1	8886428
-	-	PIBD	10048788 9235663	-	-	10048538	9235663	M7	0 (62	19 icks	10048508	M54	10048775
-	-	PIBD	10048788	-	-	9220011	9235663	M7	0.1 (62 g)	19 sticks	10048508	M54	10048775
-	-	PIBD	922322	-	-	9220011	9235663	M7	0.129 (58 g)	19 sticks	10048508	M56	10048775
-	-	PIBD	9223224	-	-	9220011	9235663	M7	0.138 (62 g)	19 sticks	10048508	M56A1	1004877
-	-	BD	D9252815	-	-	E147-1-150	10048775	M7	0.129 (58 g)	19 sticks	10048508	M56	1004877
-	-	Integ Base Deton-ating	10242725	-	-	10242725	10242725	M7	0.02 (9 g)	3 sticks	9272551	2/	1024269
—	—	Filtered Initiator 1 Watt 1 Amp	525-174-0137	—	—	525-174-0129	525-174-0129	N5	0.098 45.0	Billet Stick	525-174-0133	N/A	525-174

IGNITER		MOTOR							PACKING	
		LOADING								
			PROPELLING CHARGE			IGNITER				
N	DWG. NO.	ING BLY NO.	DESIG-NATION	WT. LB/(g)	FORM	DWG. NO.	DESIG-NATION	DWG. NO.	METAL PARTS ASSEMBLY DWG. NO.	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
	8886428	02 -23	M7	0.35 (158 g)	Solvent 12 sticks	82-16-35	M20A1	8886428	82-5-125	7549038	7549040
	8886428	02 35) 83	M7	0.44 (198 g)	Solvent 12 sticks	82-16-35	M20A1	8886428	82-5-125	7549038	7549040
	8886428	02 39)	M7	0.35 (158 g)	12 sticks	82-16-35	M20A1	8886428	82-5-125	7549038	7549040
	10048773	83	M7	0.138 (62 g)	19 sticks	10048508	M54	10048775	10048519	9227925	9227926
	10048773	83	M7	0.138 (62 g)	19 sticks	10048508	M54	10048775	10048519	9227925	9227926
	1004877	83	M7	0.129 (56 g)	19 sticks	10048508	M56	10048775	10048519 10048509	9227925	9227926
1	1004877	83	M7	0.138 (62 g)	19 sticks	10048508	M56A1	10048775		9227925	9227926
	1004877	775	M7	0.129 (58 g)	19 sticks	10048508	M56	10048775	10048519	C147-1-153	D147-1-159
	1024269	725	M7	0.02 (9 g)	3 sticks	9272551	2/	10242696	10242725	10242743	10242690
	525-174	-0129	N5	0.098 45.0	Billet Stick	525-174-0133	N/A	525-174-0136	525-174-0129	5167152 through 5167157	5167150 5167151

CHART 12. ROCKET MOTORS

LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	COMPLETE ASSEMBLY								
			NOMENCLATURE	MODEL DESIGNATION	COMPLETE ASSEMBLY DWG. NO.	APPLICATION	BURNING TIME (SEC)	THRUST LB/(g)	NOMINAL LOADED WEIGHT LB/(g)	LOADING ASSEMBLY DWG.NO.	METAL PARTS DWG. NO.
1	OBS	11756003	Rocket Motor	M3A2 1/	8799792	Launch target plane from A7 Catapult	CONF	CONF	27.1 (1220 g)	8799792	8799794
2	STD	36841	Rocket Motor	M4	7548416	Demolition Kit, Projected Changes, M1	3/	600 (270000 g)	5.7 (2565 g)	7548416	7548420
3	STD	36841	Rocket Motor	M8	82-6-25	Assist aircraft on take-off	14.0	1000 (450000 g)	158.5 (71325 g)	82-16-37	82-5-147
4	STD	36841	Rocket Motor	M58	82-5-30	Falcon Missile USAF only	1.49	3800 (1710000 g)	44.74 (20133 g)	82-16-44	82-5-198
5	OBS	7165	Rocket Motor	M26	8533020	Littlejohn Rocket	CONF	CONF	513.1 (230895 g)	8533146	8533014
6	STD	955	Rocket Motor	M66	10048001	762MM Honest John Rocket	3.2	110,000 (49500000 g)	3.094 (1392 g)	10048001	10048350
7	STD	955	Rocket Motor	M66A1	10048009	762MM Honest John Rocket	3.2	110,000 (49500000 g)	3.083 (1387 g)	10048440	10048412
8	-	-	Rocket Motor	M37A1 1/	10048480	Spin Rocket used with Honest John	CONF	CONF	CONF	10048480	10048439
9	STD	37929	Rocket Motor	M95	8799880	Demolition Kit, Projected Charge, M173	CONF	CONF	93.5 (42075 g)	8799880	800014
10	STD	6793	Rocket Motor	M54	10048509	M72 Rocket System (LAW)	7.0 to 11. 4/	4250 (1912500 g)	0.54 (243 g)	10048503	10048509
11	STD	09806022	Rocket Motor	M56A1	10048775	M72A3					

1/ Replaces Rocket Motor, M7A2.
2/ Igniter is shipped in the rocket motor.
3/ For burning time, see Spec. MIL-M-20484.
4/ Range from hot to cold + 140°F to -40°F.

CHART 12. ROCKET MOTORS

			PROPELLING CHARGE				IGNITER		PACKING	
NOMINAL LOADED WEIGHT LB/(g)	LOADING ASSEMBLY DWG.NO.	METAL PARTS DWG. NO.	DWG. NO.	DESIG-NATION	WEIGHT LB/(g)	TYPE	DESIG-NATION	DWG. NO.	IGNITER DWG. NO.	ROCKET MOTOR DWG. NO.
27.1 (1220 g)	8799792	8799794	8799793	M21	1.31 (590 g)	Extruded, solid, tubular	M18A1E1	8865275	8845274 884523.	8835922
5.7 (2565 g)	7548416	7548420	7548417	T2	0.56 (252 g)	Stick, Propellant, powder	M26	7548439		7548183
158.5 (71325 g)	82-16-37	82-5-147	82-5-154	M301 Cast OGK	70 (31500 g)	Cast OGK	M31A1	82-5-156	76-1-1470	76-1-1472
44.74 (20133 g)	82-16-44	82-5-188	82-16-44	M20	30.83 (13874 g)	Cast	M41	74-7-8	8797670 8797669	8797506
513.1 (230895 g)	8523146	8533614	8532794	Grain Propellant Inhibited	242.6 (109170 g)	Cast	M57	8533132	8846853 8846854	8533080
3.094 (1392 g)	10048691	10048350	10048151	Grain Propellant Rocket	1.695 (258 g)	Cast	M58 2/	10048200	10048249 10048248	10048048
3.083 (1387 g)	10048440	10048442	10048151	Grain Propellant Rocket	1.685 (258 g)	Cast	M58A1	10048460	10048249 10048248	10048048
CONF	10048480	10048439	10048482	Grain Propellant	1.93 (869 g)	Cast	Igniter Rocket Motor	10048485	2/	10048402 2/
93.5 (42075 g)	8799880	800014	8799884	T16	30 (13500 g)	Solvent less extruded stick, double base	T21E2	8799887	8839440 8839441	8798125
0.54 (243 g)	10048503	10048509	1048508	M7	0.14 (63 g)	Extruded Tubes 19 sticks	M56	10048775	10048661 10048662	9220813 9220814
			1048508	M7			M56A1	1048779		

CHART 13. DEMOLITION MATERIAL, EXPLOSIVE INIT

LINE NO.	TYPE CLASSI-FICA-TION	MSR, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIG-NATION	ASSEMBLY DWG. NO.	SPEC. NO.	MEANS OF INITIATIO
1	STD	34929	Adapter, Priming	M1A4	8800913	MIL-A-417	N/A
2	STD	06796017	Body Coupling for part of M142 Firing Device	M142	9296866	—	Firing Pin (impact)
3	STD	37119	Base Coupling, for Firing Device (Metal)	—	8837262	MIL-B-11596	N/A
4	STD	3802	Base Coupling, for Firing Device - Non Metallic	—	8831456	MIL-B-11596B	N/A
5	STD	36841	Cap, Blasting, Special, Non-Electric (J1 PETN or RDX)(Type I)	—	393653	MIL-C-14003	Initiated by time bla fuse, firing devices detonating cord.
6	STD	36841	Cap, Blasting, Special, Electric, (J2 PETN or RDX) (Type II)	J2 Type II	8837362	MIL-C-14003	Cap initiated by elec device, such as a bl machine or battery. detonating high explo
7	STD	37401	Cap, Blasting, Non-Electric	M7	8830951	MIL-C-45469	Same as for J1, Typ
8	STD	37401	Cap, Blasting, Electric	M6	8830972 8830951	MIL-C-4003A	Same as for J2, Typ
9	STD	37401	Cap, Blasting, Non-Electric, Inert	M7	8858446	MIL-C-45469	N/A
10	—	—	Cap, Blasting, Electric, Inert	M6	8858445 9204876	MIL-C-46915	N/A
11	—	—	Cap, Blasting, Non-Electric, Inert	—	8864810	MIL-C-46916	N/A
12	—	—	Cap, Blasting, Electric, Inert	—	8865211	MIL-C-11762	N/A

F INITIATIO	SPEC. NO.	MEANS OF INITIATION	PACKING		REMARKS
			INNER PACK DWG. NO./CONTENTS	OUTER PACK DWG. NO./CONTENTS	
	IIL-A-417	N/A	See Remarks	See Remarks	Material: Plastic Molded, Type 1, Class H2, MH, Spec. L-P-349, Packed with Demolition Kit, Blasting, Inner Pack, 10 Adapters w/1 Instruction Sheet/Bag 250 Pkgs/Fiber Cntr. Outer Pack, 2 Fiber Cntrs (5000 Adapters) Wooden Box.
in (impact)	—	Firing Pin (impact)	—	—	Part of the M142 Firing Device
	IIL-B-11596	N/A	50 waterproof cartons	10 cartons/(500 bases) wdn box	—
	IIL-B-11596B	N/A	250 waterproof cartons	6 cartons/ wooden box	—
by time bla. ing devices ng cord.	IIL-C-14003	Initiated by time blasting fuse, firing devices or detonating cord.	50 metal can, 20 cans/ctn	5 cartons (5000 caps) wdn box	Replacement: Cap, Blasting, Non-Electric, M7
ated by elec such as a bl or battery. ng high explo	IIL-C-14003	Cap initiated by electrical device, such as a blasting machine or battery. For detonating high explosives.	1 ctn, 1 ctn/bag, 50 bags/carton	10 cartons/(500 caps) wdn box	Replacement: Cap, Blasting, Electric, M6
for J1, Typ	IIL-C-45469	Same as for J1, Type I	6 ctn, wtr-VPRPRF bag, 50 bags/carton	12 ctns/(3600 caps) wdn box	Replacement for Cap, Blasting, Non-Electric, J1
for J2, Typ	IIL-C-4003A	Same as for J2, Type II	6 ctn, 1 ctn/wtr-VPRPRF bag 25 bags/carton	6 ctns/(900 caps) wdn box	Replacement for Cap, Blasting, Electric, J2
	IIL-C-45469	N/A	Commercial as required	Commercial as required	—
	IIL-C-46915	N/A	Commercial as required	Commercial as required	—
	IIL-C-46916	N/A	Commercial as required	Commercial as required	—
	IIL-C-11762	N/A	Commercial as required	Commercial as required	—

CHART 13. DEMOLITION MATERIAL, EXPLOSIVE IN

LINE NO.	TYPE CLASSIFICATION	MSR, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIGNATION	ASSEMBLY DWG. NO.	SPEC. NO.	MEANS OF INITIATION
13	STD	37595	Cap, Blasting	M4	8836013	MIL-C-45420	Firing Device, M57
14	STD	8880	Cap, Blasting, Practice	M10	9251499	MIL-C-50494	Firing Device, M57
15	STD	36841	Clip, Detonating Cord	M1	8861109	MIL-C-50919	N/A
16	STD	36841	Cord, Detonating, Fuse, Primacord	M455	—	MIL-C-50697	Electric or Non-Electric Blasting Caps
17	STD	36841	Cord, Detonating, Reinforced, Waterproof	M456	8830948	MIL-C-17124A	Electric or Non-Electric Blasting Caps
18	STD	36841	Destructor, Explosive, Universal	M10	9216189	MIL-D-12957	Electric or Non-Electric Blasting Caps
19	STD	37481	Destructor, Explosive, (T15)	M19	8846587	MIL-D-46539	May be initiated by a delay firing device with a special blasting cap, electric or non-electric, or detonating cord.
20	OBS	11756003	Igniter, Time Blasting Fuse, Friction	M1	78-0-136	MIL-49-8	Functions by pulling coated wire through friction compound powder, igniting powder train in fuse.
21	STD	6558	Igniter, Time Blasting Fuse. Weatherproof	M2	8796313	MIL-I-394	Pulling release pin ring releases firing pin which strikes percussion primer.
22	STD	37290	Igniter, Time Blasting Fuse, Weatherproof	M60	8822497	MIL-I-394	Pulling pull ring releases firing pin which strikes percussion primer.
23	CON	37072	Primer, Percussion, Cap	M2	B4760-1	—	Firing Pin
24	STD	36841	Primer, Percussion, Cap	M27	8837810	MIL-P-2497 MIL-P-46542	Firing Pin

SPEC. NO.	MEANS OF INITIATION	PACKING		REMARKS
		INNER PACK DWG. NO. /CONTENTS	OUTER PACK DWG. NO. /CONTENTS	
MIL-C-45420	Firing Device, M57	MIL-C-45420	MIL-C-45420	Used for initiation of M18A1, Mine.
MIL-C-50494	Firing Device, M57	MIL-STD-1169	MIL-STD-1169	Cap is completely inert and is used with the Practice Mine M68.
MIL-C-50919	N/A	Commercial as required	Commercial as required	Material: Steel strip, stamped and formed. Packed with Demo Equipment Sets, and Priming Assembly, Demolition, M15.
MIL-C-50697	Electric or Non-Electric Blasting Caps	Packed on spools, length as required	Number of spools in wdn box A/R	—
MIL-C-17124A	Electric or Non-Electric Blasting Caps	Packed on spools, length as required	Number of spools in wdn box A/R	—
MIL-D-12957	Electric or Non-Electric Blasting Caps	1 Fiber container M346, Dwg. 9215526	50 containers/ wdn box, Dwg. 9215527	Three different external diameter threads are available for attachment to ammunition items.
MIL-D-46539	May be initiated by a delay firing device with a special blasting cap, electric or non-electric, or detonating cord.	1 Fiber container 8796674	6 wdn box 8796675	—
MIL-49-8	Functions by pulling coated wire through friction compound powder, igniting powder train in fuse.	10 waxed cylindrical cardboard container	250 containers (2500 Igniters) wdn box	—
MIL-I-394	Pulling release pin ring releases firing pin which strikes percussion primer.	76-1-1498 1 container	76-1-1497 6 wdn box	Also manufactured inert for use with dummy primer. To be replaced by Igniter, Time Blasting Fuse, M60.
MIL-I-394	Pulling pull ring releases firing pin which strikes percussion primer.	8822126	8822125	Replaces Igniter, Time Blasting Fuse, M2.
—	Firing Pin	9243321 - 100 ctn (or as required)	9227600 - 50 ctn (5000) wdn box	—
MIL-P-2497 MIL-P-46542	Firing Pin	Commercial, as required	Commercial, as required	Replaces Primer, Perc., Cap, M2 (C and T)

CHART 13. DEMOLITION MATERIAL, EXPLOSIVE I

LINE NO.	TYPE CLASSI-FICA-TION	MSR, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIG-NATION	ASSEMBLY DWG. NO.	SPEC. NO.	MEANS OF
25	—	—	Primer, Percussion	M39A1	8798919	MIL-P-46214 MIL-P-12951	Firing Pin
26	—	—	Primer, Percussion, Cap, Improved No. 3	—	Commercial		Firing Pin
27	STD	12756009	Blasting Machine, 50 Cap	M34	9312773	MIL-B-63094B	Hand Opera
28	STD	—	Blasting Machine, 10 Cap (Dixson)	—	—	MIL-B-60410	Twist Handl DC generat
29	STD	8605	Blasting Machine, 10 Cap	M32	9233869	MIL-B-50451	Squeeze Ha alternator/ discharge
30	STD	—	Blasting Machine, 50 Cap	—	—	PA-PD-2753	Plunger act generator
31	STD	—	Blasting Machine, 10 Cap (Fidelity Type)	—	—	WB-411 Series	Twist Handl DC generat
32	STD	—	Blasting Machine, 30 Cap	—	—	WB-411 Series	Plunger act generator
33	STD	—	Blasting Machine, 50 Cap	—	—	WB-411 Series	Plunger act generator
34	STD	—	Blasting Machine, 100 Cap	—	—	WB-411 Series	Plunger act generator

MEANS OF	SPEC. NO.	MEANS OF INITIATION	PACKING		REMARKS
			INNER PACK DWG. NO. /CONTENTS	OUTER PACK DWG. NO. /CONTENTS	
Firing Pin	MIL-P-46214 MIL-P-12951	Firing Pin	8864583	8864584	—
Firing Pin		Firing Pin	Commercial, as required	5000 box 10,000 box or as req'd	—
Hand Opera	MIL-B-63094B	Hand Operated	MIL-A-46078 MIL-F-50449	MIL-B-46506	—
Twist Handl DC generat	MIL-B-60410	Twist Handle actuated, DC generator	—	—	Issued under NSN 1375-00-782-5541
Squeeze Ha alternator/ discharge	MIL-B-50451	Squeeze Handle actuated, alternator/capacitor discharge	MIL-B-50451 pg 49 & 50	MIL-B-50451 pg 49 & 50	—
Plunger act generator	PA-PD-2753	Plunger actuated, DC generator	—	—	Issued under NSN 1375-00-141-9495
Twist Handl DC generat	WB-411 Series	Twist Handle operated, DC generator	—	—	Issued under NSN 1375-00-212-4614
Plunger act generator	WB-411 Series	Plunger actuated, DC generator	—	—	Issued under NSN 1375-00-516-5636
Plunger act generator	WB-411 Series	Plunger actuated, DC generator	—	—	Issued under NSN 1375-00-272-7515
Plunger act generator	WB-411 Series	Plunger actuated, DC generator	—	—	—

CHART 14. DEMOLITION MATERIAL, EXPLOSIVE

LINE NO.	TYPE CLASSIFICATION	MSR, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIGNATION	COMPLETE ASSEMBLY DWG. NO.	METAL PARTS ASSEMBLY DWG. NO.	SPECIFICATION	NOMINAL COMPLETE ASSEMBLY WEIGHT LB/(kg)	CHARG	
									DWG. NO.	
1	STD	5263	Charge Assembly, Demolition	M37	8861107	—	MIL-C-60032	21 (9.5kg)	8833396	Co
2	STD	5263	Charge, Assembly, Demolition (with Charge, Demolition M112 Assy)	M183	9216416	—	MIL-C-50525	21 (9.5kg)	9204248	Co
3	OBS	11756003	Demolition Kit, Projected Charge (w/Rkt, Mtr, M4)	M1E1	8796266	—	MIL-D-45411	59 (2.7kg)	8796306	PE (C De
4	STD	36841	Charge, Demolition Block, TNT, 1 LB	—	8885249	—	MIL-C-46246A	1.06 (0.481kg)	8885252	TN
5	STD	6039	Charge, Demolition Block, TNT, 1/2 LB	—	8885245	—	MIL-C-46246A	0.56 (0.254kg)	8885248	TN
6	STD	36841	Charge, Demolition Block, TNT, 0.25 LB 4/	—	8797113	—	MIL-C-46246A	0.31 (0.141kg)	8797115	TN
7	OBS	11756003	Charge, Demolition, Block, 2.5 LBS	M2	82-0-93	75-14-410	MIL-B-20579	22 Approx (10kg)	75-14-410	Te (C
8	STD	2818	Charge, Demolition Block 5/	M5A1	8833395	—	MIL-C-12918C	60 (24 units) (27kg)	8833396	Co
9	STD	2818	Charge, Demolition Block	M5	82-13-9 P84025	—	MIL-C-12918	60 (24 units) (27kg)	—	Co
10	STD	37119	Dynamite, Military	M1	MIL-D-45413	—	MIL-D-45413	0.5 (0.230kg)	—	
11	OBS	6418	Dynamite, Gelatin & Ammonia	Com'l	—	—	MIL-D-60365	—	—	
12	OBS	11756003	Charge, Explosive, Springing, for Rod, Earth, Blast Driven	M13	82-13-23	82-13-23	MIL-C-13882 PA-PD-583	0.9 (0.41kg)	82-13-23	Co Gu
13	OBS	11756003	Charge, Propelling, Earth, Rod, Blast Driven (w/primer M44)	M12	71-9-237	71-13-4	MIL-C-20331	0.59lb (0.27kg)	71-9-238	Pr M1

ATION	NOMINAL COMPLETE ASSEMBLY WEIGHT LB/(kg)	CHARGE			PRIMER ASSEMBLY		PACKING	
		DWG. NO.	KIND	WEIGHT LB/(g or kg) EXCEPT AS NOTED	DWG. NO.	DESIGNATION	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
0032	21 (9.5 kg)	8833396	Comp C-4	8 Blocks at 2.5 ea (1125 g)	8861112	M15	—	9227599 8883618 (2 units/box)
0525	21 (9.5 kg)	9204248	Comp C-4	16 Blocks at 1.25 ea (563 g)	9219074	—	—	9227599 8883618 (2 units/box)
5411	59 (2.7 kg)	8796306	PETN (Cable Detonating)	46 (21 kg)	8822497 8799908	M60 Igniter Time Blasting (for Rkt Mtr) 15 Sec Delay Perc Det M1A2	9210948	8797610
5246A	1.06 (0.481 kg)	8885252	TNT	1.00 ± 08 (0.454 kg)	—	1/	—	8799162 2/
5246A	0.56 (0.254 kg)	8885248	TNT	0.49 ± 04 (0.222 kg) 1/4, 1/2 or 1 lb	—	1/	—	8799162 3/
5246A	0.31 (0.141 kg)	8797115	TNT	0.25 ± 04 (0.114 kg)	—	1/	—	8797739 (200 units/box)
0579	22 Approx (10 kg)	75-14-410	Tetrytol (Cast)	2.62 (1.19 kg)	—	1/	76-0-46	76-1-1260
2918C	60 (24 units) (27 kg)	8833396	Comp C-4	2.50 ± 0.10 (1.14 kg)	—	1/	—	7549132
2918	60 (24 units) (27 kg)	—	Comp C-3	2.50 ± 0.05 (1.14 kg)	—	1/	—	7549132
5413	0.5 (0.230 kg)	—	—	—	8830948 8830951	Cap, Blasting, M7, M6	—	9227592
3365	—	—	—	—	8830948 8830951	Any Blasting Cap	—	MIL-D-60365 Sect 5
8882 83	0.9 (0.41 kg)	82-13-23	Comp B Grade A	0.06 (0.027 kg)	—	Detonating Cord (PETN)	8796747	8796748
3331	0.59 lb (0.27 kg)	71-9-238	Propellant, M2	0.1225 oz (3.4759 g)	74-2-71	Black Powder, Glazed (FFFG Granulation)	20-4-538	76-1-906 8796522

CHART 14. DEMOLITION MATERIAL, EXPLOSIVE - Continued

LINE NO.	TYPE CLASSIFICATION	MSR, AMCTCM, OR OTCM NO.	NOMENCLATURE	MODEL DESIGNATION	COMPLETE ASSEMBLY DWG. NO.	METAL PARTS ASSEMBLY DWG. NO.	SPECIFICATION	NOMINAL COMPLETE ASSEMBLY WEIGHT LB/(kg)	D
14	STD	5026	Charge, Demolition, Shaped, 15 LBS	M2A4	8861565	—	MIL-C-13139	45 (3 units) (20kg)	
15	STD	5026	Charge, Demolition, Shaped, 15 LBS	M2A3	82-0-120	—	MIL-C-2156	45 (3 units) (20kg)	
16	STD	2818	Charge, Demolition	M112	9204248	—	MIL-C-50523	47 approx (30 units) (21kg)	9
17	STD	2818	Charge, Demolition	M118	9204247	—	PA-PD-2662 MIL-C-50850	2.25 (1.02kg)	9
18	STD	5790	Charge, Demolition, Roll (50 feet)	M186	9297231	9211461	MIL-C-60996	25 (11kg)	9
19	STD	5027	Charge, Demolition, Shaped, 40 LBS	M3A1	8858390	8858382	MIL-C-46544	43.48 (19.74kg)	
20	STD	5027	Charge, Demolition, Shaped, 40 LBS	M3	8858390	8858382	MIL-C-46594	43.48 (19.74kg)	
21	OBS	11846008	Demolition Kit, Blasting	M175	9207716	—	—	25 (11kg)	
22	OBS	37107 7387	Demolition Kit, Projected Charge	M2	D4306-1 to 6 (Engr Corps Dwgs)	—	—	12,500 (5675kg)	
23	OBS	7387	Demolition Kit, Projected Charge	M2A1	Eng BP662	—	—	15,000 (6810kg)	
24	OBS	7387	Demolition Kit, Projected Charge	M3	D5234-1-12 D5434-1-12	—	JAN-S-445	9,000 (4086kg)	
25	OBS	7387	Demolition Kit, Projected Charge	M3A1	7548327	8797390	OAC-PD-121	9,000 approx (4086kg)	
26	STD	05806002	Demolition Kit, Cratering, Training, Inert	M270	9331717	—	ANSI-Y-145 - 1973 MIL-D-633-76	176.0	

tinued

NOMINAL COMPLETE ASSEMBLY WEIGHT LB/(kg)	CHARGE			PRIMER ASSEMBLY		PACKING	
	DWG. NO.	KIND	WEIGHT LB/(kg) EXCEPT AS NOTED	DWG. NO.	DESIGNATION	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
45 (3 units) (20kg)	—	Comp B	11 (5.0kg)	8830948 8830951 8830972	Cap, Blasting, M7, Cap, Blasting, M6 Detonating Cord	8861209	8861208
45 (3 units) (20kg)	—	W/A3 Booster 50/50 Pentolite	9.5 (4.3kg)	8830948 8830951 8830972	Cap, Blasting, M7 Cap, Blasting, M6 Detonating Cord	8861209	8861208
47 approx (30 units) (21kg)	9204245 MIL-C-45010	C4	1.25 + 0.10 (0.568 ± 0.045kg)	8830948 8830951 8830972	Cap, Blasting, M7 Cap, Blasting, M6 Detonating Cord (PETN)	9204249	8876127 (30 units/box)
2.25 (1.02kg)	9204245 MIL-E-46676	PETN or RDX	0.50 (0.227kg)	—	Cap, Blasting, M7, Cap Blasting M6, Detonating Cord (PETN) or Blasting Cap	9204246	8878128 (20 units/box)
25 (11kg)	9211460	PETX or RDX	25 approx (11 kg)	8830948 8830951 8830972	Cap, Blasting M7, Cap Blasting M6, Detonating Cord (PETN) or Blasting Cap	9216714 7/	9216715 (3 units/box)
43.48 (19.74kg)	—	Comp B w/Comp A Booster	30 (14kg)	8830948 8830951 8830972	Cap, Blasting M7, Cap, Blasting M6	7549166	7549165
43.48 (19.74kg)	—	Comp B w/Pentolite Booster	30 (14kg)	8830948 8830951 8830972	Cap, Blasting M7, Cap, Blasting M6	7549166	7549165
25 (11kg)	XP117070	XM106	0.17 lb 0.075 kg	8822497 MIL-F-45144 8830948 9/	Igniter M60 Fuse, Time Blasting M700 Cap, Blasting, M7	8861840	8861841
12,500 (5675kg)	4306-5-1 QQ-T-191	Type I Class A Grade 2	3,200 Total (1,453kg)	4306-6-1	—	—	—
15,000 (6810kg)	—	—	4,500 Total (2,043kg)	—	M1A1 Bullet Impact	—	—
9,000 (4086kg)	D5234-6-1	TNT (Ends 80/20 Amatol Middle)	4,500 Total (2,043kg)	—	M1A1 Bullet Impact	—	—
9,000 approx (4086kg)	8797424	Comp B	4,500 Total (2,043kg)	—	M1A1 Bullet Impact	—	—
176.0	9329744	Inert	15 lb	9244458	M57 Firing Device	—	9332620

CHART 14. DEMOLITION MATERIAL, EXPLOSIVE - Continued

LINE NO.	TYPE CLASSIFICATION	MSR, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIGNATION	COMPLETE ASSEMBLY DWG. NO.	METAL PARTS ASSEMBLY DWG. NO.	SPECIFICATION	NOMINAL COMPLETE ASSEMBLY WEIGHT LB/(kg)	C DWG. NO.
27	CON	8886	Demolition Kit, Projected Charge	M173	8846706	8846710	MIL-D-46688	3,100 (1407 kg)	8845237
28	OBS	8886	Demolition Kit, Projected Charge, Training	M174	8846709	8846710	MIL-D-46688	3,000 (1362 kg)	8845328
29	STD	07746024	Demolition Kit, Cratering	M180	9244400	—	MIL-D-50908	100 (45.4 kg)	8861565 9244402 9244401
30	STD	—	Demolition Equipment Set, Explosive Initiating, Electric and Non-Electric 11/	—	8864491	—	—	68 (31 kg)	—
31	STD	—	Demolition Equipment Set, Explosive Initiating, Non-Electric 12/	—	8864491	—	—	—	—
32	STD	511 (C) Marine Corps Use Only	Charge, Demolition, Inert, Linear w/Inert Fuze	M68	8845322	BUSHIPS 1289930	MIL-C-46558	3,000 (1362 kg)	8845238
33	STD	511 (C) Marine Corps Use Only	Charge, Demolition, HE, Linear w/Fuze	M56	8845322	BUSHIPS 1289930	MIL-C-46558	3,000 (1362 kg)	8845237

- Continued

C		NOMINAL COMPLETE ASSEMBLY WEIGHT LB/(kg)	CHARGE			PRIMER ASSEMBLY		PACKING	
	DWG. NO.		DWG. NO.	KIND	WEIGHT LB/(g or kg) EXCEPT AS NOTED	DWG. NO.	DESIGNATION	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
	8845237	3,100 (1407kg)	8845237	Comp C-4	1,760 (799kg)	9216413	Fuze, Demolition Kit, M1134	—	8846706
	8845328	3,000 (1362kg)	8845328	Plasticized Polyvinyl Chloride (Inert)	1,760 (799kg)	8845376	Fuze, Demolition Kit, Training, M1147	—	8846706
	8861565 9244402 9244401	100 (45.4kg)	8861565 9244402 9244401	Charge, Shaped, M2A4 (Comp B) & Whd Ldg Assy (Comp H-6) HG-HE Rkt Motor Assy	1.5 (0.68kg) 40 (18kg)	9244458 8830972 8830951	Firing Device, M57, Cap, Blasting M6, Detonating Cord Cap Blasting M7	—	9241167
	—	68 (31kg)	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
	8845238	3,000 (1362kg)	8845238	Plasticized Polyvinyl Chloride (Inert)	2053 (932kg)	8845376	M1147 Fuze (Inert)	—	BUSHIPS 1289930
	8845237	3,000 (1362kg)	8845237	Comp C-4	2053 (932kg)	8800595 9370124	M1134 Fuze or M1134A1 (Total Retrofit)	—	BUSHIPS 1289930

CHART 14. DEMOLITION MATERIAL, EXPLOSIVE - Continued

LINE NO.	TYPE CLASSIFICATION	MSR, AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIGNATION	COMPLETE ASSEMBLY DWG. NO.	METAL PARTS ASSEMBLY DWG. NO.	SPECIFICATION	NOMINAL COMPLETE ASSEMBLY WEIGHT LB/(kg)	DWG. N
34	STD	—	Charge, Demolition HE, Linear w/Fuze	M58A1	8845322	BUSHIPS 1289930	MIL-C-46558	3,000 (1362 kg)	884523
35	STD	—	Charge, Demolition HE, Linear w Fuze	M58A2	8845322	BUSHIPS 1289930	MIL-C-46558	3,000 (1362 kg)	88452
36	STD	Army and Marine Corps Use	Charge, Demolition HE, Linear w Fuze	M58A3	8845322	5851655	MIL-C-46558	2,800 (1272 kg)	88452
37	STD	Army and Marine Corps Use	Charge, Demolition Inert Linear w. Inert Fuze	M68A2	8845322	5851655	MIL-C-46558	2,800 (1272 kg)	8845
38	STD	36841	Charge, Demolition, Block, Ammonium Nitrate 8/	—	8837975	—	MIL-C-1397E	43 (20kg)	—
39	STD	37415	Demolition Kit, Projected Charge	M157	8836910	5/	MIL-D-45472 MIL-C-45010A	11,000 (4994kg)	—
40	STD	36841	Demolition Kit, Bangalore Torpedo	M1A2	8863369	8863374	MIL-D-2088	145 (10 Assy) (65.8kg)	—
41	OBS	11846008	Explosive Kit, Foxhole Digger 10/	No. 1	13213E5899	—	—	75 (34kg)	—

1/ May use: M7, J1 Non-Electric Blasting Caps M2A1 (8 Sec.) M2A1 (15 Sec.) Delay Percussion Detonators or M6 Electric Blasting Caps.
2/ 48 units per box.
3/ 96 units per box.
4/ This is a component of Charge, Assembly, Demolition, M37.
5/ Nose Section 8838124
Body Section 8838126
Center Section 8838128
Tail Section 8838152
Fuze Section 8838125
6/ 1 Nose Sleeve and 10 Connector Sleeves required.
7/ Items of separate issue.
8/ Former item name: Charge, Crateri
9/ Covered by specification only.
10/ Kit consists of 10 major items.
11/ This set is composed of several item For all components required, see SC and TM 43-0001-38.
12/ This Non-Electric set is composed o For all components required, see SC and TM 43-0001-38.

NOMINAL COMPLETE ASSEMBLY WEIGHT LB/(kg)	CHARGE			PRIMER ASSEMBLY		PACKING	
	DWC. NO.	KIND	WEIGHT LB/(g or kg) EXCEPT AS NOTED	DWG. NO.	DESIGNATION	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
3,000 (1362 kg)	8845237	Comp C-4	2053 (932 kg)	8800595 9370124	M1134 Fuze or M1134A1 (Total Retrofit)	—	BUSHIPS 1289930
3,000 (1362 kg)	8845237	Comp C-4	2053 (932 kg)	8800595 9370124	M1134 Fuze or M1134A1 (Total Retrofit)	—	BUSHIPS 1289930
2,800 (1272 kg)	8845237	Comp C-4	2053 (932 kg)	8800595 9370124	M1134A1 Fuze	—	2123451
2,800 (1272 kg)	8845238	Silicon Rubber (Inert)	2053 (932 kg)	8946376	M1147 Fuze (Inert)	—	2123450
43 (20kg)	—	Ammonium Nitrate	—	8830972 8830948	Cap, Blasting, M6 Cap, Blasting, M7	—	PDDL-1339 (Commercial)
11,000 (4994kg)	—	Comp B Comp C-4	2880 (1308kg) 320 (145g)	73-9-55	Fuze, Mine M603 (2 req'd) Booster MIL-D- (2 required)	—	8837997 8837998 8837999 8838000 8838001
145 (10 Assy) (65.3kg)	—	Comp B-4 Comp A-3	10.46 (4.749kg) 0.5 (0.23kg)	—	1/	—	9216100
75 (54kg)	—	—	—	—	—	13213E5897	13212E5940

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10 major ite[illegible].
mposed of several items issued.
cents required, see SC 1375-94-CL-P02
01-38.
tric set is composed of several items.
nents required, see SC 1375-94-CL-P02
01-38.

LINE NO.	TYPE CLASSIFICATION	MSR AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIGNATION	NOMINAL WT LB/(kg)	SPEC NO.	METHOD OF ACTUATION	COMPLETE ASSEMBLY DWG. NO.	METAL PARTS DWG. NO.	
1	CON	11756003	Firing Device, Demolition Delay Type	M1 1/	0.094 (0.043 kg)	MIL-F-13893	Pressure	8846754	-	803
2	CON	11756003	Firing Device, Demolition Pressure Type	M1 & M1A1	0.228 (0.104 kg)	JAN-F-321	20 lb. Pressure	M1 73-9-70 M1A1 73-9-70-1	73-9-71	1
3	STD	6384	Firing Device, Demolition Pull Type	M1	0.119 (0.054 kg)	MIL-F-46657	3 to 5 lb. Pull on Trip Wire	8797612	-	357
4	CON	11756003	Firing Device, Demolition Release Type	M1	0.250 (0 114 kg)	No. 49-15	Removal of Restraining Load Over 3 lb.	Eng Dwg. D3961-1 2	- -	
5	STD	6384	Firing Device, Demolition Pull Release Type	M3	0.156 (0.071 kg)	MIL-F-46298	3/	73-9-97/ 8837267	-	298
6	CON	11756003	Firing Device, Demolition Pressure Release Type	M5	0.123 (0.056 kg)	MIL-F-50495	Pressure Release	9249244	-	195
7	STD	04796004 05816017	Firing Device, Demolition 4/	M122	40 (18 kg)	MIL-C-63284	Radio Signals	Transmitter 9252773 Receiver 9274048	- -	284
8	STD	06796017	Firing Device, Demolition Multipurpose	M142	1.2 oz (0.03 kg)	MIL-C-63090	Pressure Pull Tension Release	9296865	-	090

1/ Delay Time At 25°C

Minutes	Color
6-14	Black
12-32	Red
45-115	White
100-280	Olive Drab
216-570	Yellow
610-1130	Blue

2/ Engineering Corps Dwg.

3/ Direct Pull of 6-10 lbs. on Trip Wire, or Cutting or Detaching Trip Wire.

4/ Firing Device Demolition XM122 consists of separate Transmitter Assemblies and Receiver Assemblies.

METAL PARTS DWG. NO.		METHOD OF ACTUATION	COMPLETE ASSEMBLY DWG. NO.	METAL PARTS DWG. NO.	TUBE OR BODY DWG. NO.	PRIMER PERCUSSION ASSEMBLY		BASE COUPLING DWG. NO.	PACKING	
						DWG. NO.	DESIG-NATION		INNER PACK DWG. NO.	OUTER PACK DWG. NO.
-	863	Pressure	8846784	-	8846775 8846776	8837810	M27	8846780	8861384	9227594
73-9-71	1	20 lb. Pressure	M1 73-9-70 M1A1 73-9-70-1	73-9-71	73-9-71	8837810	M27	8837262	76-1-1362	9227595
-	857	3 to 5 lb. Pull on Trip Wire	8797612	-	8797613	8837810	M27	8837262	8797446	9227596
- -		Removal of Restraining Load Over 3 lb.	Eng Dwg. D3961-1 2/	- -	D3961 2/	B4225-1 2	Not Assigned	D3961-1 2/	PPP-B-676	9227599
-	298	3/	73-9-87/ 8837267	-	8837268	8837810	M27	8837262	9243499	9227602
-	895	Pressure Release	9249244	-	9249244	8798919	M39A1	8837262	8799109	8799108 9227601
- -	284	Radio Signals	Transmitter 9252773 Receiver 9274048	- -	- -	-	-	-	9329490	9329493
-	890	Pressure Pull Tension Release	9296865	-	9296868	-	-	9296866	9311138	9311141

CHART 16. DE

LINE NO.	TYPE CLASSIFICATION	CCTC OR CWTC	NOMENCLATURE	MODEL DESIGNATION	COMPLETE ASSEMBLY DWG. NO.	SPEC. NO.	COMPLETE ASSEMBLY WEIGHT LB/(kg)	DWG.
1	OBS	04766021	Document Destroyer Emergency, Incendiary	M3	C4-11-11	MIL-D-14360	19 (8.6 kg)	B143-1
2	STD	2699	File Destroyer, Incendiary	ABC-M4	C4-11-103	MIL-F-13549	4 (2 kg)	B143-1
3	STD	2420	Incendiary, Safe Destroying	M1A1	C4-4-16	MIL-I-10243	34 (15 kg)	B143-1
4	STD	3799	Cryptographic Equipment Destroyer, Incendiary	TH4, M1A2	D4-4-46	MIL-C-0012469G	34 (15 kg)	B143-1
5	STD	3793	Cryptographic Equipment Destroyer, Incendiary	TH4, M2A1	D4-4-27	MIL-C-10244E	11.25 (5.108 kg)	B143-1
6	STD	04766021	Document Destroyer Emergency, Incendiary	M4	D4-11-47	MIL-D-63266	275 (125 kg)	D4-11

ART 16. DEMOLITION MATERIAL, INCENDIARY

INCENDIARY				IGNITER			
LETE BLY IIT (kg)	DWG. NO.	COMPONENT	WEIGHT LB/(kg)	MODEL NO.	DWG. NO.	INNER DWG. NO.	OUTER DWG. NO.
kg)	B143-13-3	Sodium Nitrate	4.4 (2.0 kg)	M25	C4-6-123	C4-11-12	C4-11-11
g)	B143-13-3	Sodium Nitrate & Wood Flour	1.65 (0.749 kg)	Squib Elec M2	82-5-146	C4-11-103	C4-11-103
g)	B143-13-2	D1-3	28 (13 kg)	Fuze, HG, M201A1	13-10-22	B4-2-51	B4-2-50
g)	B143-13-6	Thermate	28 (13 kg)	Fuze, HG, M210 Fuze, Smk Pot, Electric M209	D4-4-47 D36-7-25	D4-4-47	C4-2-113
5 8 kg)	B143-13-6	Thermate	8.5 (3.9 kg)	Fuze, HG, M210 Fuze, Smk Pot, Electric M209	D4-8-7 D[illegible]-7-25	C4-4-36	D-4-4-57
g)	D4-11-34	Sodium Nitrate	180 (81.7 kg)	Fusee, Red 20 Min, M72	—	D4-11-34	D4-11-34

CHART 17. DEMOL

LINE NO.	TYPE CLASSI-FICA-TION	MSR AMCTCM OR OTCM NO.	NOMENCLATURE	MODEL DESIG-NATION	SPEC. NO.	COMPLETE ASSEMBLY DWG. NO.	PARTS ASSEMBLY DWG. NO.	CHARG	
								DWG. NO.	KI
1	OBS	6418	Detonator, Friction, 15-Second Delay	M1 or M1A1	MIL-D-409	73-9-110	73-0-111	73-9-112	Ba Co
2	OBS	6418	Detonator, Friction, 8-Second Delay	M2	MIL-D-409	73-9-110	73-9-111	73-9-112	Ba Co
3	STD	37119	Detonator, Percussion 15-Second Delay	M1A2	MIL-D-45477	8799903	8799908	8799913	De Co
4	CON	11756003	Detonator, Percussion 8-Second Delay	M2A1	MIL-D-45477	8799903	8799909	8799913	De Co
5	STD	36841	Detonator, Kit, Concussion	M1	MIL-D-13969	8861107	73-9-105	3/	3/
6	STD	36841	Fuse, Blasting, Time	Safety Fuse	MIL-F-20412	-	-	1/	B
7	STD	36841	Fuse, Blasting, Time	M700	MIL-F-45144	-	-	1/	B
8	OBS	7387	Fuse, Bullet Impact	M1A1	MIL-F-2152	73-9-17	-	73-9-21	C 5 P

1/ Covered by specification only.
2/ Weight is a function of burning time requirements as called for in specification.
3/ Charge consists of Primer, Percussion, M39A1 Assembly (dwg 8798919) and Blasting Cap, Non-electric, M7, both contained within Coupling, Base, Firing Device, Non-Metallic, M2 Assembly (dwg 8831456). Blasting Cap, M7 carries 14.5 grains RDX, 3.7 grains lead azide and .55 grains lead styphenate.

CHARGE		CHARGE			PRIMER ASSEMBLY		PACKING	
. NO.	TS LY KT O.	DWG. NO.	KIND	NOMINAL WEIGHT (g or kg)	DWG. NO.	DESIG-NATION	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
-112	Ba Co	73-9-112	Base Composition	13.5 Grains (0.875 g)	-	-	-	MIL-D-409
-112	Ba Co	73-9-112	Base Composition	13.5 Grains (0.875 g)	-	-	-	MIL-D-409
9913	De Co	8799913	Delay Composition	2550 Milligrams (25.5 g)	8799910	Special Blasting Cap	8825212	8825213
9913	De Co	8799913	Delay Composition	1540 Milligrams (15.40 g)	8799910	Special Blasting Cap	8825212	8825213
	3/	3/	3/	23 lb (10 kg) 3/	73-9-109	M39A1 Primer w/M7 Blasting Cap, Non-Electric	8860562	8860563
	Bl	1/	Black Powder	2/	878919	M39A1 Primer	-	MIL-F-15160
	Bl	1/	Black Powder	2/	878919	M39A1 Primer	MIL-F-45144	MIL-F-45144
-9-21	C 50 P	73-9-21	Cast 50/50 Pentolite	2.555 oz (0.07 kg)	9254677	Detonator M18	76-1-1509	76-1-606

CHART 18. DEMOLITION MATERIAL, EXPLOSIVE (EXPLOSIVE ORDNAN

LINE NO.	TYPE CLASSI-FICA-TION	MSR	NOMENCLATURE	MODEL DESIG-NATION	COMPLETE ASSEMBLY DWG. NO.	METAL PARTS ASSEMBLY DWG. NO.	SPECIFICATION	NOMINAL COMPLETE ASSEMBLY WEIGHT LB/(kg)	SPEC. NO. DWG. NO.
1	STD LCC-A	01816004	Charge, Demolition Shaped, Linear Flexible	20 gr/ft	5206212-1	N/A	DOD-STD-100 MIL-STD-130	2/	MIL-C-21723
2	STD LCC-A	01816004	Charge, Demolition Shaped, Linear Flexible	30 gr/ft	5206212-2	N/A	DOD-STD-100 MIL-STD-130	2/	MIL-C-21723
3	STD LCC-A	01816004	Charge, Demolition Shaped, Linear Flexible	40 gr/ft	5206212-3	N/A	DOD-STD-100 MIL-STD-130	2/	MIL-C-21723
4	STD LCC-A	01816004	Charge, Demolition Shaped, Linear Flexible	60 gr/ft	5206212-4	N/A	DOD-STD-100 MIL-STD-130	2/	MIL-C-21723
5	STD LCC-A	01816004	Charge, Demolition Shaped, Linear Flexible	75 gr/ft	5206212-5	N/A	DOD-STD-100 MIL-STD-130	2/	MIL-C-21723
6	STD LCC-A	01816004	Charge, Demolition Shaped, Linear Flexible	125 gr/ft	5206213-1	N/A	DOD-STD-100 MIL-STD-130	2/	MIL-C-21723
7	STD LCC-A	01816004	Charge, Demolition Shaped, Linear Flexible	225 gr/ft	5206213-2	N/A	DOD-STD-100 MIL-STD-130	2/	MIL-C-21723
8	STD LCC-A	01816004	Charge, Demolition Shaped, Linear Flexible	300 gr/ft	5206213-3	N/A	DOD-STD-100 MIL-STD-130	2/	MIL-C-21723
9	STD LCC-A	01816004	Charge, Demolition Shaped, Linear Flexible	400 gr/ft	5206213-4	N/A	DOD-STD-100 MIL-STD-130	2/	MIL-C-21723

RIAL, EXPLOSIVE (EXPLOSIVE ORDNANCE DISPOSAL ITEMS)

FICATION	NOMINAL COMPLETE ASSEMBLY WEIGHT LB/(kg)	SPEC. NO. DWG. NO.	CHARGE KIND	CHARGE WEIGHT LB/(kg) EXCEPT AS NOTED	INITIATION	PACKING INNER PACK DWG. NO.	PACKING OUTER PACK DWG. NO.	REMARKS
TD-100 TD-130	2/	MIL-C-21723	CH-6	80 grains	Electric or Non-Electric Blasting Cap	9332431-1	9332432-1	Comb. of Adapted Items, Dwg. No. 9331218 Issued Under NSN 1375-01-083-2820
TD-100 TD-130	2/	MIL-C-21723	CH-6	120 grains	Electric or Non-Electric Blasting Cap	9332431-2	9332432-2	Comb. of Adapted Items, Dwg. No. 9331219 Issued U der NSN 1375-01-082-9919
TD-100 TD-130	2/	MIL-C-21723	CH-6	160 grains	Electric or Non-Electric Blasting Cap	9332431-3	9332432-3	Comb. of Adapted Items, Dwg. No. 9331220 Issued Under NSN 1375-01-082-9920
TD-100 TD-130	2/	MIL-C-21723	CH-6	240 grains	Electric or Non-Electric Blasting Cap	9332431-4	9332432-4	Comb. of Adapted Items, Dwg. No. 9331221 Issued Under NSN 1375-01-083-2822
TD-100 TD-130	2/	MIL-C-21723	CH-6	300 grains	Electric or Non-Electric Blasting Cap	9332431-5	9332432-5	Comb. of Adapted Items, Dwg. No. 9331222 Issued Under NSN 1375-01-082-9921
TD-100 TD-130	2/	MIL-C-21723	CH-6	1.14 oz	Electric or Non-Electric Blasting Cap	9332431-6	9332432-6	Comb. of Adapted Items, Dwg. No. 9331223 Issued Under NSN 1375-01-082-9922
TD-100 TD-130	2/	MIL-C-21723	CH-6	2.06 oz.	Electric or Non-Electric Blasting Cap	9332431-7	9332432-7	Comb. of Adapted Items, Dwg. No. 9331224 Issued Under NSN 1375-01-082-9923
TD-100 TD-130	2/	MIL-C-21723	CH-6	2.74 oz	Electric or Non-Electric Blasting Cap	9332431-8	9332432-8	Comb. of Adapted Items, Dwg. No. 9331225 Issued Under NSN 1375-01-082-9924
TD-100 TD-130	2/	MIL-C-21723	CH-6	3.66 oz	Electric or Non-Electric Blasting Cap	9332431-9	9332432-9	Comb. of Adapted Items, Dwg. No. 9331226 Issued Under NSN 1375-01-093-6325

CHART 18. DEMOLITION MATERIAL, EXPLOSIVE (EXPLOSIVE ORDNANCE D

LINE NO.	TYPE CLASSIFICATION	MSR	NOMENCLATURE	MODEL DESIGNATION	COMPLETE ASSEMBLY DWG. NO.	METAL PARTS ASSEMBLY DWG. NO.	SPECIFICATION	NOMINAL COMPLETE ASSEMBLY WEIGHT LB/(kg)	SPEC. NO. / DWG. NO.
10	STD LCC-A	01816004	Charge, Demolition Shaped, Linear Flexible	500 gr/ft	5206213-5	N/A	DOD-STD-100 MIL-STD-130	2/	MIL-C-21723
11	STD LCC-A	01816004	Charge, Demolition Shaped, Linear Flexible	600 gr/ft	5206213-6	N/A	DOD-STD-100 MIL-STD-130	2/	MIL-C-21723
12	STD LCC-A	01816004	Charge, EOD Shaped, Linear	Mk 86 Mod 0	5206201	5206230	WS 23233A	1 lb 454 gm	MIL-C-21723
13	STD LCC-A	01816004	Charge, EOD Shaped, Linear	Mk 87 Mod 0	5206202	5206224	WS 23234A	1.29 lb 590 gm	MIL-C-21723
14	STD LCC-A	01816004	Charge, EOD Shaped	Mk 88 Mod 0	5206203	5206228	WS 23235	25 gm	MIL-C-21723
15	STD LCC-A	01816004	Charge, EOD	Mk 89 Mod 0	5206204	5206226	WS 23236	1 lb 454 gm	MIL-C-440
16	STD	01816004	Cutter, Powder Actuated	Mk 23 Mod 0	5012844	—	WS 19935E	1 lb	—
17	STD	01816004	Cutter, Powder Actuated	Mk 24 Mod 0	5012845	—	WS 19935E	5 lb	—

1/ 17 EOD items provided as supplemental items to Demolition Equipment Set, Explosive Initiating, Electric and Nonelectric NSN 1375-00-047-3750.
2/ Items are each 4 feet in length.

EC. NO. / WG. NO.	ATION	NOMINAL COMPLETE ASSEMBLY WEIGHT LB/(kg)	CHARGE			INITIATION	PACKING		REMARKS
			SPEC. NO. / DWG. NO.	KIND	WEIGHT LB/(kg) EXCEPT AS NOTED		INNER PACK DWG. NO.	OUTER PACK DWG. NO.	
L-C-21723	-100 130	2/	MIL-C-21723	CH-6	4.57 oz	Electric or Non-Electric Blasting Cap	9332431-10	9332432-10	Comb. of Adapted Items, Dwg. No. 9331227 Issued Under NSN 1375-01-082-9925
L-C-21723	-100 130	2/	MIL-C-21723	CH-6	5.48 oz	Electric or Non-Electric Blasting Cap	9332431-11	9332432-11	Comb. of Adapted Items, Dwg. No. 9331228 Issued Under NSN 1375-01-083-2821
IL-C-21723		1 lb 454 gm	MIL-C-21723	CH-6	33 gm	Electric or Non-Electric Blasting Cap	—	7553296	Issued Under NSN 1375-01-068-3985
IL-C-21723		1.29 lb 590 gm	MIL-C-21723	CH-6	68 gm 2.4 oz	Electric or Non-Electric Blasting Cap	—	439182	Issued Under NSN 1375-01-069-6671
IL-C-21723		25 gm	MIL-C-21723	CH-6	1.00 gr ± .01 gram	Electric or Non-Electric Blasting Cap	—	7553296	Issued Under NSN 1375-01-068-3984
IL-C-440		1 lb 454 gm	MIL-C-440	Comp A-3	225 ± 10 grams 7.9 oz	Electric or Non-Electric Blasting Cap	—	439182	Issued Under NSN 1375-01-069-6672
—		1 lb		70/30 OCTOL	4.0 oz 0.25 lb	Electric or Non-Electric Blasting Cap	—	7553296	Issued Under FSN 1375-01-037-5428
—		1 lb	—	70/30 OCTOL	1.1 lb	Electric or Non-Electric Blasting Cap	—	7553296	Issued Under FSN 1375-01-037-5429

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