

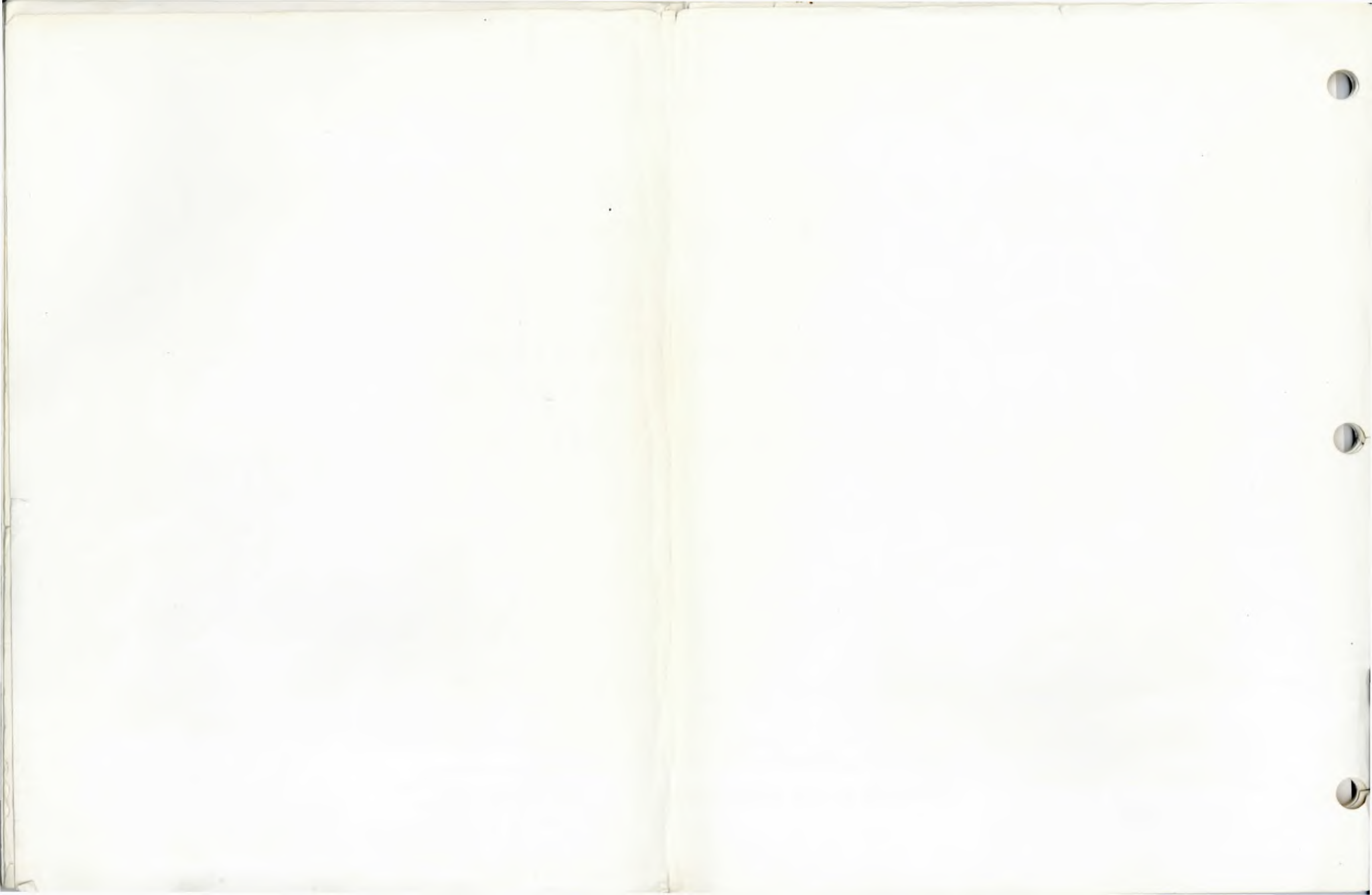
Brown

LOGISTICS

COMPLETE ROUND CHARTS

ARTILLERY AMMUNITION

DATE	
DISTR:	
DIV/OFC	No. Cys
OC	
DTO	
SO	
PC	
PO	
CP	
AS	
AB	
BS	
CE	
WS	
CM	
GE	



HEADQUARTERS
UNITED STATES ARMY MATERIEL COMMAND
WASHINGTON, D.C. 20315

AMC PAMPHLET
No. 700-3-3*

2 November 1970

LOGISTICS

COMPLETE ROUND CHARTS
ARTILLERY AMMUNITION

	Paragraph	Page
Section I. INTRODUCTION		
Purpose -----	1	2
Scope -----	2	2
Abbreviations and symbols -----	3	2
Errors and omissions -----	4	4
II. AMMUNITION CHARTS		
Chart 1 40 Millimeter Ammunition -----		5
Chart 2 57 Millimeter Ammunition -----		7
Chart 3 60 Millimeter Ammunition -----		9
Chart 4 75 Millimeter Ammunition -----		11
Chart 5 76 Millimeter Ammunition -----		17
Chart 6 81 Millimeter Ammunition -----		21
Chart 7 90 Millimeter Ammunition -----		25
Chart 8 105 Millimeter Ammunition -----		33
Chart 9 106 Millimeter Ammunition -----		43
Chart 10 4.2-Inch Ammunition -----		45
Chart 11 120 Millimeter Ammunition -----		47
Chart 12 152 Millimeter Ammunition -----		49
Chart 13 155 Millimeter Ammunition -----		51
Chart 14 165 Millimeter Ammunition -----		57
Chart 15 175 Millimeter Ammunition -----		59
Chart 16 8-Inch Ammunition -----		61
Chart 17 Ammunition for Subcaliber Weapons -----		63
Chart 18 Blank Ammunition -----		65

*This pamphlet supersedes AMC Pamphlet 700-3-3, 20 December 1967.

Section I

INTRODUCTION

1. Purpose. This pamphlet provides a source of information for personnel whose official duties involve the use of data concerning artillery ammunition. The information contained in these charts is constantly subject to change, and, therefore, should be considered as reference material only.

2. Scope. This pamphlet has been prepared as the third of a series of complete round charts on conventional ammunition. It contains basic source data for the items of conventional artillery ammunition currently in the supply system. The data contained in this pamphlet cover all types of classification from "obsolete" through "standard A" as described in AR 700-20. Materiel formerly classified as "limited standard" has been redesignated "contingency and training: by AMCTCM 4660."

3. Abbreviations and symbols.

AEI	Applications Engineering Inspection
Alt	Alternate
Alum	Aluminum
AA	Anti-Aircraft
AMCTCM	Army Materiel Command Technical Committee Minutes (Item No.)
AP	Armor Piercing
APC-T	Armor Piercing Capped with Tracer
APDS-T	Armor Piercing Discarding Sabot with Tracer
APERS	Antipersonnel
APERS-T	Antipersonnel with Tracer
AP-T	Armor Piercing with Tracer
Assy	Assembly
BD	Base Detonating
BE	Base Ejection
Blk Pwd }	Black Powder
BP }	
BPP	Black Powder Pellet
B'str	Burster
Chg	Charge
Cstr	Canister
Comp	Composition
Colrd	Colored
CP	Concrete Piercing
Ctg	Cartridge

*151-
549 STD A - Purchase Any Qty.
549 STD B - Buy with Caution*

C&T	Contingency and Training
Dwg	Drawing
Ef)	
eff)	Effective
Exp	Explosive
Expel	Expelling
Ext	Exterior
Ffch	Flechette
FNH	Flashless Non Hygroscopic
Fps	Feet per second
FS	Sulfur Trioxide in Chlorosulfonic Acid
GB	Non-persistent, toxic (casualty) nerve agent
Gren	Grenade
H	Mustard
HC	Hexachloroethane-Zinc Smoke Mixture
HD	Distilled Mustard
HE	High Explosive
HERA	High Explosive, Rocket Assist
HT	Mustard-T Agent
HEAT	High Explosive Antitank
HEAT-T	High Explosive Antitank with Tracer
HEAT-T-MP	High Explosive Antitank with Tracer, Multipurpose
HEI-T	High Explosive Incendiary with Tracer
HEP	High Explosive Plastic
HEP-T	High Explosive Plastic with Tracer
HE-S	High Explosive-Spotting
HE-T	High Explosive with Tracer
Horiz	Horizontal
How	Howitzer
HVAPDS-T	Hypervelocity Armor Piercing Discarding Sabot with Tracer
HVAP-T	Hypervelocity Armor Piercing with Tracer
HVTP-T	Hypervelocity Target Practice with Tracer
Illum	Illuminant, Illuminating
Int	Interior
lb	Pound
L'cher	Launcher
LP	Limited Production
LVT (A)	Landing Vehicle Tracked (Armored)
Max	Maximum
MIL STD	Military Standard
Mod	Modification
Mor	Mortar
MT	Mechanical Time
Mtl	Metal
MTSQ	Mechanical Time and Superquick
MV	Muzzle Velocity

NChg	Normal Charge
OAC	Ordnance Ammunition Command (Army Ammunition Procurement and Supply Agency)
OBS	Obsolete
OTCM	Ordnance Technical Committee Minutes (Item No.)
PD	Point Detonating, reference to fuzes
PD	Purchase Description, reference to specifications
Persis	Persistent
Perc	Percussion
PI	Point Initiating
PIBD	Point-Initiating, Base-Detonating
Pndg	Pending
Pot Nit	Potassium Nitrate
Proj	Projectile
Prop Chg	Propelling Charge
Prox)	
Prx)	Proximity
PWP	Plasticized White Phosphorous
RChg	Reduced Charge
SChg	Supercharge
SD	Self-destroy
Sec	Second
Ser	Series
SP	Self-propelled
Std	Standard
Supp	Supplementary
Spot	Spotting
Smk Pllt	Smoke Pellet
TG	Tear Gas
Tng	Training
TP	Target Practice
TP-T	Target Practice with Tracer
TSQ	Time and Superquick
VX	Persistent Toxic (Casualty) Nerve Agent
Vert	Vertical
w/	With
w/o	Without
WP	White Phosphorous
WP-T	White Phosphorous with Tracer

4. Errors and omissions. Errors, omissions, and recommended changes to this pamphlet will be reported on DA Forms 2028 (Recommended Changes to DA Publications). Completed forms will be forwarded direct to the Commanding Officer, Picatinny Arsenal, ATTN: SMUPA-DC5, Dover, New Jersey 07801.

CARTRIDGE									PROJECTILE									FUZE			PROPELLING ASSEMBLAGE									PERFORMANCE		PACKING		
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF WEAPON	PROJECTILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER						
										COM-POSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	COM-POSITION	NOM. WT. (LB)	DWG. NO.	DESIGNATION	TYPE	DWG. NO.	MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
1	C&T	6418	M81 M81A1	AP-T	4.58	75-1-140	MIL-C-20566	Guns M2 M2A1 MK1	75-14-338	--	--	--	Tracer	0.02	--	75-2-311	Steel	Bar	75-2-312	--	--	--	M25 M25B1	71-2-122 71-2-130	M1	0.65	75-1-140	M23A2 MK22 M38A1 M38B2	Perc	8831161 328952 Navy 8839379 8839378	9600	2870	76-1-1112	8796464
2	STDB	37654	M381	HE	0.55	8835941	AEI-43	Gren. L'chers M79 M203	8833701	Comp B	--	8833701	--	--	--	8833701	Steel	Wire	8835941	M552	PD	8847244	M118	8844610	M9	.011 oz.	8844609	M42	Perc	8799925	440	247	8835105	8835104
3	STDA	2177	M384	HE	0.75	8886397	AEI-217	Gren. L'chers M75 XM129	8886398	Comp A5	.12	8886400	--	--	--	8889307	Steel	Plate	8889307	M533	PD	8876192	M169	8886327	M2	0.01	8886327	FED 215	Perc	8866712	2200	790	8865432	8865431
4	STDA	37654	M406	HE	0.55	8835950	AEI-72	Gren. L'chers M79 M203	8835947	Comp B	--	8833702	--	--	--	8835947	Steel	Wire	8835947	M551	PD	8837924	M118	8844610	M9	.011 oz.	8844609	M42	Perc	8799925	440	247	8835105	8835104
5	STDA	3564	M383	HE	.79	9241371	AEI-502	Gren. L'chers M75 XM129	9241372	RDX Comp A5	.12	9241372	--	--	--	9238908	Steel	Blank & Draw	9238907	M533	PD	8876192	M169	8886327	M2	.01 oz.	10542391	FED 215	Perc	8866712	2200	780	8865432	8865431
6	LP	6832	XM684	HE	.79	9247850	MIL C-50466	Gren. L'chers M75 XM129	9247851	RDX Comp A5	.12	9247851	--	--	--	8889307	Steel	Impact	8889308	XM596	VT	11714155	M169	8886327	M2	.01 oz.	10542391	FED 215	Perc	8866712	2200	790	8865432	8865431
7	STDA	37119	MK2	HEI-T HEI-T	4.75	75-1-166	MIL-C-18751	Guns M1 M2 MK1	Navy 394620	TNT	.14	Navy 394620	Red Tracer MK11 (SD)	--	Navy 394440	75-2-298	Steel	Bar	75-2-298	MK27	PD	Navy 300423	MK2 MK3	329377 330825	M1	.72	75-1-166	MK22	Perc	Navy 328952	1/4300	2890	Navy 330741	8796464
8	STDB	36841	MK2	HE-T	4.83	75-1-166	MIL-C-18751	Guns M1 M2 MK1	Navy 394620	TNT	.14	394620	M3A1 (SD)	--	--	75-2-298	Steel	Bar	75-2-298	MK27	PD	Navy 300423	M25 M25B1	71-2-122 71-2-130	M1	.72	75-1-166	M38A1 M83B2 MK22	Perc	8839379 8839378 328952 Navy	1/5700	2700	76-1-1112	8796464
9	STDB	36841	MK2	HE-T	4.75	75-1-166	MIL-C-18751	Guns M1 M2 MK1	Navy 394620	TNT	.14	394620	MK11 Mod2 (SD)	--	Navy 394440 423429	75-2-298	Steel	Bar	75-2-298	MK27 M71	PD	Navy 300423 71-2-122	M25 M25B1	71-2-122 71-2-130	M1	.72	75-1-166	M38A1 M38B2 MK22	Perc	8839379 8839378 328952 Navy	1/4300	2870	76-1-1112	8796464
10	LP	5113 7073	XM576E1 XM576E2	Multiple Proj.	.26 .27	10542398 10542608	MIL-C-60632 "	Gren. L'chers M79 M203	10542398 10542608	--	--	--	--	--	--	--	Poly-ethylene	Molded	10542397 10542604	--	--	--	XM199E1 XM199E2	10542395 10542607	M2 M2	.06 .06 oz.	10542391 10542391	2/	Perc	10542413 10542413	40 40	885 850	8835105 8835105	8835104 8835104
11	STDB	7317	M675 (E25)	Red Smk	--	122-3-119	--	Gren. L'chers M79 M203	123-3-119	Red Smk	.21	143-3-6	1st Fire	--	143-9-3	--	Alum	Forged	122-3-104	--	--	--	--	--	BP	.02 oz.	122-3-119	Commercial	Remington 68	--	--	122-3-128	122-3-128	
12	LP	6633 7072	XM676	Yellow Smoke Canopy	.44	9229370	AEI-510	Gren. L'chers M79 M203	9229371	Yellow Smk	.13	9233976	--	--	--	9227646	Phen-olic	Wrapped	9227646	--	--	--	XM195	9229373	M9	.01 oz.	8844609	M42	Perc	8799925	200	250	9209204	9209205
13	LP	5114 7074	XM583	White Star Para	.439	9207986	MIL-C-50213 AEI-378	Gren. L'chers M79 M203	9207990	Illum	.21	9212686	--	--	--	9212684 92119189	Plastic	Molded	9207993	--	--	--	XM195	9207988	M9	--	8849609	FED 100 M42	Perc	9235929	--	--	9209204	9209206
14	LP	5114 7074	XM585	White Star Cluster	.410	9207987	MIL-C-50214 AEI-379	Gren. L'chers M79 M203	9207991	Illum	.22	9212688	--	--	--	92119189	Plastic	Molded	9207993	--	--	--	XM195	9207988	M9	--	8849609	FED 100 M42	Perc	9235929	600	250	9209204	9209206
15	LP	6248 7458	XM651E1	Tactical CS	.62	122-2-6	EA-PD-196-131-835	Gren. L'chers M79 M203	--	CS Pyro	.12	122-2-6	--	--	--	122-2-4	Alum Alloy	Mach	122-2-4	XM581E1	PD	9219774	M118	122-2-35	M9	--	8844609	M42	Perc	8799925	220	245	--	--
16	STD B	7517	M674 (E24)	Riot Control CS	--	122-3-101	MIL-C-60303	Gren. L'cher M79 M203	123-3-101	CS	.21	143-14-7	1st Fire	--	143-9-3	--	Alum	Forged	122-3-104	--	--	--	--	--	BP	.02 Oz.	122-3-101	Commercial	Remington 68	--	--	122-3-128	122-3-128	
17	STDB	37654	M382	Prac-tice	.55	8844607	AEI-44	Gren. L'chers M79 M203	8844608	Yellow dye	.01	8844608	--	--	--	8835494	Steel	Plate	8840525	M552	PD	8857244	M118	8844610	M9	.011 oz.	8844609	M42	Perc	8799925	440	247	8835105	8835104
18	STDA	2177	M385	Prac-tice	.75	8886326	AEI-234	Gren. L'chers M75 XM129	8866714	--	--	--	--	--	--	8866714	Alum Alloy	Bar	8866715	--	--	--	M169	8886327	M2	0.01	8886327	FED 215	Perc	8866712	2200	790	8865432	8865431
19	STDA	2681	M407A1	Prac-tic	.55	8835952	AEI-63	Gren. L'chers M79 M203	8865605	Yellow Dye	--	8862476	--	--	--	8865605	Plastic	Plate	8865605	M551	PD	8862121	M118	8844610	M9	.011 oz.	8844609	M42	Perc	8799925	440	247	8835105	8835104
20	C&T	37119	M91	TP-T	4.72	75-1-173	--	Guns M1 M2 MK1	75-14-433	--	--	--	Tracer	.02	--	75-2-329	Steel	Bar	75-2-329	M69	Dummy	72-5-9	M25 M25B1	71-2-122 71-2-130	M1	.72	75-1-173	M38A1 M38B2 MK22	Perc	8839379 8839378 328952 Navy	11000	2870	Navy 880741	8796464
21	Obsolete	6418	M17 M17B1	Dummy	4.75	72-3-84	--	Guns M1 M2 MK1	--	--	--	--	--	--	--	72-3-91	Brnz. or Mal. Iron	Cast	72-3-91	--	Nose	72-3-91	--	--	--	--	--	--	--	--	--	--	76-1-1112	8796464
22	STDB	36841	M25	Dummy	4.75	72-3-101	--	Guns M1 M2 MK1	--	--	--	--	--	--	--	75-2-298	Steel	Bar	75-2-298	M69	Dummy	72-5-9	M25B1 Modified	71-2-130	--	--	--	--	--	--	--	--	76-1-1112	8796464

1/Range to self destruct.
2/Cal. 45 Remington Styphenate #2½

CARTRIDGE									PROJECTILE									FUZE			PROPELLING ASSEMBLAGE								PERFORMANCE		PACKING			
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJECTILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER			MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
										COMPOSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	COMPOSITION	NOM. WT. (LB)	DWG. NO.	DESIGNATION	TYPE	DWG. NO.				
1	C&T	37119	M306A1 1/	HE	5.46	75-1-216 9215030	MIL-C-1391 MIL-C-60464	Rifle M18A1 M18	75-14-488 9215029	Comp B	0.55	75-14-488 9215029	--	--	--	75-2-359 10535913	Steel	Forged	75-2-431 10535914	M503A1 M503 M503A2	PD	73-2-320 9215031	M30A1B1	10535911	M10	1	75-1-216 9215030	M60A1 M60 M46	Perc	8839466 74-2-63	4930	1200	76-1-807	76-1-1253
2	C&T	37119	M307A1 2/	HEAT	5.43	75-1-215	MIL-C-1387	Rifle M18A1 M18	75-14-472	Comp B 3/	0.40	75-14-472	tetryl booster	--	--	75-2-353	Steel	Forged	75-2-354	M90A1 M90	PI	73-2-236	M30A1B1	10535911	M10	1	75-1-215	M60A1 M60	Perc	8839466	4860	1200	76-1-808	76-1-1252 76-1-1253
3	OBS	35983	M303	HE-T	12.88	75-1-188		Gun M1	75-14-458	TNT	0.44	75-14-458	Red Tracer	0.006	--	75-2-347	Steel	Bar	75-2-347	M86 M85	PD	73-2-221 73-2-215	M23A2	71-2-120	FNH Powder	2.28	75-1-188	M1B1A2 M1A2 M1B2	Perc	8839474 8839453 8838167	8800	2720	76-1-942	76-1-945
4	C&T	37119	M308A1 2/	Smoke	5.43	75-1-219	MIL-C-12825	Rifle M18A1 M18	75-14-492	WP	0.37	75-1-219	Burster M21	.16	73-1-202	75-2-496 10543043	Steel	Forged	75-2-364 10543046	M503A1	PD	73-2-320	M30A1B1	10535911	M10	1	75-1-219	M60A1	Perc	8839466	4530	1200	8796521	8796522
5	C&T	37119	M306A1	TP	5.4	75-1-252	MIL-C-1386	Rifle M18A1 M18	75-14-587	Inert Mat'l	0.45	75-14-587	Blue Powder Pellet	.07	75-1-252	75-2-359	Steel	Forged	75-2-431	M503A1 M503	PD	73-2-320	M30A1B1	10535911	M10	1	75-1-252	M60A1	Perc	8839466	4930	1200	9215018	8799212
6	OBS	35983	M22	Dummy	12.56	72-3-93		Gun M1	--	--	--	--	--	--	--	--	Steel		72-3-93		Dummy		M23A2B1	72-3-93	--	--	--	--	--	--	--	--	76-1-603	76-1-1262
7	LP	4947 5852	T24E5	Cstr	5.43	9215708	PA-PD-2845	Rifle M18A1 M18	Cstr 9215709	Slug	1.8	9215715	--	--	--	9215709	Carbon Steel	Tube	9215712	--	--	--	M30A1B1 M30A1B2	10535911	M10	1	9215708	M60A1	Perc	8839466	58 (Ef)	1200	9216239	9216240

1/ M306 - differs in the design of the crimping groove and in the projectile filler of cast TNT

2/ M307, M308 - differ in the use of a paper lined cartridge case, M30 and percussion primer, M46

3/ 50 - 50 pentolite alt.

CARTRIDGE									PROJECTILE										FUZE			PROPELLING ASSEMBLAGE						PERFORMANCE		PACKING					
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF MORTAR	LOAD-ING ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			FIN		DESIG-NATION	TYPE	DWG. NO.	PROPELLANT INCREMENT			IGNITION CARTRIDGE		PRIMER		MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
										COM-POSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATE-RIAL	MATE-RIAL FORM	DWG. NO.	DESIG-NATION	DWG. NO.				DESIG-NATION AND NO. USED	NOM. WT. GRAINS & TYPE	DWG. NO.	DESIG-NATION AND DWG. NO.	DESIG-NATION AND TYPE	DWG. NO.					
1	C&T	4660	M49A2	HE	3.05	75-1-82	MIL-S-1436	M2 M19	75-14-257	Flake TNT	0.34	75-14-257	—	—	—	75-2-288	Steel	Forg	75-2-539	M2	9207612	1/ M525 M525A1	PD	8800197	M3A1 4	0.021 M8	9205610	M5A1 8880647	M32 Perc	8880637	1978	518	7549170	8796472	
2	C&T 5/ STD B	6632 6389	M49A3 (M49A2 E1)	HE	3.05	9207925	PA-PD-2701	M2 M19	9207926	Comp B	0.42	9207926	—	—	—	9207928 10535905	FMI Steel	Cast Forg	9207926 10535906 10535924	M2	9207612	1/ M525 M525A1	PD	8800197	M3A1 4	0.021 M8	9205610	M5A1 8880647	M32 Perc	8880637	1978	518	7549170	8796472	
3	C&T 6/ STD A	6632 6389	M49A4 (M49A2 E2)	HE	3.15	9220179	MIL-C-14750	M2 M19	9207926	Comp B	0.42	9207926	—	—	—	9207928 10535905	FMI Steel	Cast Forg	9207926 10535906 10535924	M2 & Extension	9207612 9215574	1/ M525 M525A1	PD	8800197	M181 4	0.026 M8	9216090	M5A1E1 9242127	M32 Perc	8880637	1984	520	9220014	9220015	
4	C&T	37119	M83A3 M83A2 M83A1	Illum	4.15	9207516 75-1-143	MIL-S-20373	M2 M19	9207517 75-14-350	Illum	0.49	78-2-272	1st Fire	0.035	9207518 78-2-272	9207530 75-2-547	Steel	Forg	9207531 75-2-316	M2	9207612	M65A1	Time	9207568 73-3-177	M182 4 M3A1 M3A1	0.021 M8	9205610	M5A2 8880647	M32 Perc	8880637	1100	434	9242065	9242066	
5	C&T	4660	M302	Smoke	3.98	9205340	MIL-C-60317	M2 M19	9205339	WP	0.75	9205339	B'str Proj M19	0.025	9205343	10534894	Steel	Forg	10534895	M2	9207612	2/ M527 Ser.	PD	8800461	M3A1 4	0.021 M8	9205610	M5A1 8880647	M32 Perc	8880637	1610	439	9205613	8796473	
6	C&T 6/ STD A	6632 6389	M302A1 (M302E1)	Smoke	4.08	9215575	MIL-C-60317	M2 M19	9205339	WP	0.75	9205339	B'str Proj M19	0.025	9205343	10534894	Steel	Forg	10534895	M2 & Extension	9207612 9215574	2/ M527 Ser.	PD	8800461	M181 4	0.026 M8	9216090	M5A1E1 9242127	M32 Perc	8880637	1584	439	9215576	9215577	
7	OBS C&T 7/ STD A	37344 6632 6389	M50A2 M50A3	TP	3.05	75-1-83	MIL-S-1436	M2 M19	75-14-238	Cast Filler C	0.37	75-14-238	BPP	0.05	75-1-83	75-2-288	Steel	Forg	75-2-288	M2	75-2-285	1/ M525 Ser.	PD	73-1-161	M3A1 4	0.021 M8	9205610	M5A1 8880647	M32 Perc	8880637	1978	518	7549170	8796472	
				TP	3.15	9220383	PA-PD-2904		9220384			9220384	BPP	0.05	7549196	9207928	FMI	Cast	9207926	M2 & Extension	9215574	PD	8800197	M181 4	0.026 M8	9216090	M5A1E1 9242127			1984	520	9220014	9220015		
8	C&T	37119	M69	Tng	3.95	9222944	OAC-PD-58	M2 M19	—	—	—	—	—	—	—	9222944	Iron	Cast	75-2-303	M5 *	3/ 9222945	—	—	—	—	—	—	3/ 4/ M5A1 8880647	3/ M32 Perc	8880637	235	152.5		791562	

1/ Fuze, Series, PD, M52, M53, M82 -
2/ PD, M82 Series -
3/ Issued separately
4/ M4 Ignition Cartridge contains a primer in its base and may be issued in lieu of M5A1 Ignition Cartridge
5/ C&T f/Army use; Std B for Marine Corps use
6/ C&T f/Army use; Std A for Marine Corps use
7/ C&T f/Army use; Std A for Marine Corps use
* OR M2 MOD

CHART 4 75 MILLIMETER AMMUNITION

CARTRIDGE									PROJECTILE										FUZE			PROPELLING ASSEMBLAGE							PERFORMANCE		PACKING			
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJECTILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER			INNER PACK DWG. NO.	OUTER PACK DWG. NO.		
										COMPOSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	COMPOSITION	NOM. WT. (LB)	DWG. NO.	DESIGNATION	TYPE	DWG. NO.			MAX. RANGE (YD)	MV (FPS)
1	C&T	34566	M61A1	APC-T	19.91	75-1-103	MIL-R-20520	Gun M3	75-14-268	Exp D	0.144	75-14-268	Tracer M5A2B1	0.10	8796866	75-2-291	Steel	Bar or Forg	75-2-328	M66A2	BD	73-2-178	M18 M18B1	71-2-71 71-2-150	M1	2.0	75-1-103	M31B2	Perc	8839469	1230	2030	76-1-603	76-1-522
2	OBS	31599	M72	AP-T	18.84	75-1-127		Gun M3 M6 M17	75-14-299	--	--	--	Tracer	0.10	75-14-299	75-2-305	Steel	Bar	75-2-305	--	--	--	M18	71-2-71	M1	1.9	75-1-127	M31A2	Perc	8839467	10600	2030	76-1-376	76-1-376
3	OBS	36608	M338A1 M338A2	AP-T	18.26	75-1-312	PA-PD-57	Gun M3 M6	--	--	--	--	Tracer M5A2B1	0.10	8796866	75-2-494	Steel	Bar	75-2-495	--	--	--	M18 M18B1	71-2-71 71-2-150	M17	2.10	75-1-312	M31A2	Perc	8839467	12255	2120	76-1-1398	76-1-1399
4	OBS	37119	M48	HE	19.48	75-1-78	MIL-S-20532	Gun M3 M6 M17	75-14-198	TNT	1.49	75-14-198	--	--	--	75-2-269	Steel	Forg	75-20-77	M51A5 M51A4 * M78	PD CP	8796862 73-2-145 73-2-214	M18 M18B1	71-2-71 71-2-150	M1	1.93 S Chg	75-1-78	M31B2	Perc	8839469	14000	1950	76-1-1120	76-1-1229
5	OBS	37119	M48	HE	18.75	75-1-79	MIL-S-20532	Gun M3 M6 M17	75-14-198	TNT	1.49	75-14-198	--	--	--	75-2-269	Steel	Forg	75-20-77	M51A5 M51A4 * M78	PD CP	8796862 73-2-145 73-2-214	M18 M18B1	71-2-71 71-2-150	M1	1.15 N Chg	75-1-79	M22A3	Perc	8839458	11285	1500	76-1-1120	76-1-1229
6	OBS	37119	M48	HE	18.18	75-1-80	MIL-S-20532	Gun M3 M6 M17	75-14-198	TNT	1.49	75-14-198	--	--	--	75-2-269	Steel	Forg	75-20-77	M51A5 M51A4 * M78	PD CP	8796862 73-2-145 73-2-214	M18 M18B1	71-2-71 71-2-150	M1	0.59 R Chg	75-1-80	M22A3	Perc	8839458	6990	950	76-1-1120	76-1-1229
7	OBS	37119	M48	HE	19.48	75-1-84	MIL-S-20532	Gun M3 M6 M17	75-14-198	TNT	1.49	75-14-198	--	--	--	75-2-269	Steel	Forg	75-20-77	M500A1 M55A3 * M78	MTSQ TSQ CP	8796864 73-3-155 73-2-214	M18 M18B1	71-2-71 71-2-150	M1	1.93 S Chg	75-1-84	M31B2	Perc	8839469	14000	1950	76-1-1120	76-1-1229
8	OBS	37119	M48	HE	18.75	75-1-85	MIL-S-20532	Gun M3 M6 M17	75-14-198	TNT	1.49	75-14-198	--	--	--	75-2-269	Steel	Forg	75-20-77	M500A1 M55A3 * M78	MTSQ TSQ CP	8796864 73-3-155 73-2-214	M18 M18B1	71-2-71 71-2-150	M1	1.15 N Chg	75-1-85	M22A3	Perc	8839458	11285	1500	76-1-1120	76-1-1229
9	OBS	37119	M48	HE	18.18	75-1-86	MIL-S-20532	Gun M3 M6 M17	75-14-198	TNT	1.49	75-14-198	--	--	--	75-2-269	Steel	Forg	75-20-77	M500A1 M55A3 * M78	MTSQ TSQ CP	8796864 73-3-155 73-2-214	M18 M18B1	71-2-71 71-2-150	M1	0.59 R Chg	75-1-86	M22A3	Perc	8839458	6990	950	76-1-1120	76-1-1229
10	OBS	4183 3883	M334	HE	22.06	8797083	MIL-C-13140	Gun M35	8797091	TNT Comp B	1.42	8797091	Supp Chg TNT	0.365	8797090	8797093	Steel	Bar or Forg	8797105	* T234 M518 M520 T177 M516	PD,SD MTSQ MTSQ PD Prox	73-2-374 8594043 8594044 73-2-341 1310347	M35 M35B1	7548622 7548621	M6	3.35	8797083	M58	Perc	8838153	14415	2800	8798865	8798864

CARTRIDGE									PROJECTILE								FUZE						PROPELLING ASSEMBLAGE									PERFORMANCE		PACKING	
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJECTILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER			MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.	
										COMPOSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	COMPOSITION	NOM. WT. (LB)	DWG. NO.	DESIGNATION	TYPE	DWG. NO.					
11	C&T	6418	M48	HE	16.57	75-1-247	MIL-S-20532	How M1A1	75-14-445	TNT	1.04	75-14-445	Supp Chg TNT	0.365	8797090	75-2-269	Steel	Forg	75-20-77	M513	2/ Prox	1310500	M5A1	71-2-91	M1	1.06	8865404	M64	Perc	8839461 74-2-63	9620	1250	76-1-603	76-1-1231	
12	C&T	6418	M48	HE	18.30	75-1-59	MIL-S-20532	How M1A1	75-14-198	TNT 50-50 Amatol	1.04 1.36	75-14-198	--	--	--	75-2-269	Steel	Forg	75-2-77	M51A5 M557	PD	8796862 8863535	M5A1	71-2-91	M1	1.06	8865404	M64 M1	Perc	8839461 74-2-63	9620	1250	76-1-603	76-1-662	
13	C&T	6418	M48	HE	18.22	75-1-87	MIL-S-20532	How M1A1	75-14-198	TNT	1.04	75-14-198	Booster M21A4		73-2-154	75-2-269	Steel	Forg	75-20-77	M55A3 M54	TSQ	73-3-155 73-3-154	M5A1	71-2-91	M1	1.06	8865404	M64 M1	Perc	8839461 74-2-63	9620	1250	76-1-1124	76-1-1231	
14	C&T	6418	M48	HE	18.30	75-1-183	MIL-S-20532	How M1A1	75-14-445	TNT	1.49	75-14-445	Supp Chg	0.365	8797090	75-2-269	Steel	Forg	75-20-77	M51A5 M557	PD	8796862 8863535	M5A1	71-2-91	M1	1.06	8865404	M64 M1	Perc	8839461 74-2-63	9620	1250	76-1-603	76-1-662	
15	C&T	6418	M48	HE	18.22	75-1-206	MIL-S-20532	How M1A1 M3	75-14-445	TNT	1.49	75-14-445	Supp Chg	0.365	8797090	75-2-269	Steel	Forg	75-20-77	M520 Series M500 Series	MTSQ	8594044 8796864	M5A1	71-2-91	M1	0.95	8865404	M64	Perc	8839461 74-2-63	9620	1250	76-1-1124	76-1-1231	
16	C&T	37119	M309A1 M309	HE	22.37	75-1-221	MIL-C-1391	Rifle M20	75-14-498	TNT	1.49	75-14-498	--	--	--	75-2-365	Steel	Forg	75-2-551	3/ M500A1 M520A1 M51A4 M51A5 M557	MTSQ PD	8796864 8594044 73-2-145 8796862 8863535	M31A1 M31	7548024	M10	3.30	75-1-221	M47 M47B2	Perc	8839455 8839460	6960	990	76-1-1123	76-1-835	
17	OBS	37119	M66	HEAT-T	15.66	75-1-141	MIL-S-10363	How M1A1 M3	75-14-499	Comp B	1.00	75-14-499	--	--	--	75-2-314	Steel	Forg	75-20-93	M91A2	BD	8837308	M5A1	71-2-91	M2	0.41	75-1-141	M23A2 M1	Perc	8831161 74-2-63	6540	1000	76-1-603	76-1-80613	
18	C&T	37119	M310A1 M310	HEAT-T	21.06	75-1-222	MIL-C-1388	Rifle M20	75-14-499	Comp B Pentolite	1.00	75-14-499	Tracer M5	0.10	8853694	75-2-366	Steel	Forg	75-20-93	M91A1	BD	8837308	M31A1 M31	7548024	M10	3.19	75-1-222	M47 M47B2	Perc	8839455 8839460	7300	1000	76-10830	76-1-835	
19	C&T	37119	M349	HEP-T	16.52	75-1-328		Rifle M20	75-14-682	Comp A3	2.55	75-1-682	Tracer M5	0.10	8853694	75-2-535	Steel	Forg	75-2-536	M91A1	BD	8837308	M31A1 M31	7548024	M10	3.36	75-1-328	M47B2 M47	Perc	8839460 8839455	7180	1400	76-1-1411	76-1-1410	
20	OBS	37344	M64	Smoke	19.00	75-1-114	MIL-S-3139	How M1A1 M1A1C M3	75-14-276	WP	1.34	75-14-276	Burster M8	0.11	73-1-224	75-2-294	Steel	Forg	75-2-294	M48A3 M57	PD	8798219 78-2-137	M5A1	71-2-91	M1	1.06	71-9-126	M64 M1	Perc	8839461 74-2-63	9620	1250	76-1-893	76-1-662	
21	C&T	37119	M311A1 M311	Smoke	23.20	75-1-225	MIL-C-12825	Rifle M20	75-14-503	WP	1.35	75-14-503	Burster Initiator Chg	0.07 0.11	73-1-224 73-1-184	75-2-371	Steel	Forg	75-2-371	M48A3 M57	PD	8798219 73-2-137	M31A1 M31	7548024	M10	3.42	75-1-225	M47B2 M47	Perc	8839460 8839455	6960	990	76-1-883	76-1-835	
22 5/	C&T OBS	37119 6418	M309A1 M309	TP	22.37	75-1-251	MIL-C-1386	Rifle M20	75-14-586	Inert Mat'l	1.27	75-41-586	BP Pellets	0.22	75-1-251	75-2-365	Steel	Forg	75-2-551	M51A5 M557 M73	PD Dummy	8796862 8863535 8796863	M31	7548024	M10	3.30	75-1-221	M47B2 M47	Perc	8839460 8839455	6960	990	76-1-828	76-1-835	

CARTRIDGE									PROJECTILE									FUZE						PROPELLING ASSEMBLAGE									PERFORM - ANCE		PACKING	
LINE NO.	TYPE CLASSI- FICA- TION	AMCTCM OR OTCM NO.	MODEL DESIG- NATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJEC- TILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIG- NATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER								
										COM- POSI- TION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATE- RIAL	MATE- RIAL FORM	DWG. NO.				DESIG- NATION	DWG. NO.	COM- POSI- TION	NOM. WT. (LB)	DWG. NO.	DESIG- NATION	TYPE	DWG. NO.	MAX. RANGE (YD)	MV (FPS)			INNER PACK DWG. NO.	OUTER PACK DWG. NO.
23	OBS	37119	M2A2	Dummy	19.2	72-3-59		How M1A1 M1A1C M3	--	--	--	--	--	--	--	Brnz	Cast	72-3-69	M1907M	Inert	73-3-114	--	--	--	--	--	--	--	--	--	--	76-1-266	76-1-522			
24	C&T	37119	M7	Dummy	20.38	72-3-65		Gun M3	--	--	--	--	--	--	--	Brnz	Cast	72-3-66	M1907M	Inert	73-3-114	--	--	--	--	--	--	--	--	--	--	76-1-1259	76-1-1125			
25	OBS	37119	M16	Dummy	18.75	72-3-82		Gun M3 How M1A1	--	--	--	--	--	--	--	Brnz	Cast	72-3-83	M59	Dummy	72-5-5	--	--	--	--	--	--	--	--	--	--	76-1-603	76-1-522			
26	OBS	37119	M19B1 M19	Dummy	18.25	72-3-89		How M1A1 M1A1C M3	--	--	--	--	--	--	--	Iron & Brnz	Cast	72-3-90	M59	Dummy	72-5-5	--	--	--	--	--	--	--	--	--	--	76-1-266	76-1-522			

1 Asterisk (*) indicates separate issue for field use.
2 May be issued with closing plug and with or without supplementary charge (to be removed if proximity fuze is used).
3/Fuzes M520 and M51A4 applicable to model M309; fuzes M500A1, M520A1, M51A5 and M557 applicable to model M309A1.
4/2800 yards with TNT: 2825 yards with Comp B.
5/Ctg 75MM: TP W/F PD Obsolete.

CARTRIDGE									PROJECTILE									FUZE			PROPELLING ASSEMBLAGE									PERFORMANCE		PACKING				
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJECTILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER			MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.		
										COM-POSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	COM-POSITION	NOM. WT. (LB)	DWG. NO.	DESIGNATION	TYPE	DWG. NO.						
1	OBS	36767	M62A1	APC-T	25.15	75-1-150	MIL-C-20520	Gun M1A1C M1A2	75-14-269	Explosive D	0.144	75-14-269	--	--	--	75-2-292	Steel	Bar	75-2-292	M66A1	BD	73-2-178	M26	71-2-123	M6	3.75	75-1-150	M40A1	Perc	8839471	17000	2600	76-1-603	76-1-652		
2	STDA	36841	M339	AP-T	27.32	8853683	MIL-C-46523	Gun M32 M48	--	--	--	--	Tracer M5A2B1	0.10	8796866	10520209	Steel	Bar	10520210	--	--	--	M88B1 M88	7548079 7548021	M17	5.60	8853683	M58	Perc	8838153	16080	3200	7548613	7548614		
3	OBS	36767	M42A1	HE	22.11	75-1-149	MIL-S-20532	Gun M1A1C M1A2	75-14-170	Comp B	9.0	75-14-170	Booster M21A4	.048	8798123	75-18-33	Steel	Forged	75-20-71	M51A5	PD	8796862	M26B1 M26	71-2-201 71-2-123	M6	3.75	75-1-149	M40A1	Perc	8839471	14600	2700	76-1-1127	76-1-1244		
4	STDC	37107	M352	HE	25.52	75-1-293	MIL-C-13140	Gun M32 M48	75-14-635	Comp B	1.46	75-14-635	--	--	--	75-2-434	Steel	Forged	75-2-435	M51A5	PD	8796862	M88 M88B1	7548021 7548079	M6	3.64	75-1-293	M68	Perc	8796867	15680	2400	8863694	8863695		
5	STDA	357	M496	HEAT-T	25.83	8848863	MIL-C-46503	Gun M32 M48	8848862	Comp B	1.10	8848862	Tracer M13	0.013	8860550	8597471	Steel	Bar	8597471	M509A1	PI, BD	8799735	M171E1	8595555	M6	5.06	8848863	M81	Perc	8848625	8190	3550	8837842	8837841		
6	STDA	36841	M331A2	HVAP-DS-T	20.7	75-1-308	MIL-C-12579	Gun M32 M48	75-14-648	--	--	--	Tracer T5E3	0.10	75-17-13	75-2-475	5/	Bar	75-2-475	--	--	--	M88B1 M88	7548079 7548021	M17	5.75	75-1-308	M58	Perc	8838153	23630	4125	76-1-1379	76-1-1380		
7	OBS	36767	M93A1	HVAP-T	18.39	75-1-220	MIL-C-20608	Gun M1A1C M1A2	--	--	--	--	Tracer M5A1B1	0.10	8796866	75-2-361	Alum Alloy	Cast	75-2-361	--	--	--	M26B1 M26	71-2-201 71-2-123	M17	3.90	75-1-220	M28A2	Perc	8838129	13000	3400	76-1-1101	76-1-783		
8	OBS	36767	M315A1	HVTP-T	18.26	75-1-249	MIL-C-20608	Gun M1A1C M1A2	--	--	--	--	Tracer M5A1B1	0.10	8796866	75-2-390	Steel	Forged	75-2-391	--	--	--	M26B1 M26	71-2-201 71-2-123	M2	3.90	75-1-249	M28A2 M28B2	Perc	8838129 8838130	13000	3400	76-1-1101	76-1-783		
9	C & T	6267	M319	HVAP-T	19.33	75-1-295	MIL-C-20608	Gun M32 M48	--	--	--	--	Tracer M5A1B1	0.10	8796866	75-2-440	Alum Alloy	Forged	--	--	--	--	--	--	M88B1 M88	7548079 7548021	M6	5.03	75-1-295	M62 M58	Perc	8839454 8838153	10810	4135	76-1-1318	76-1-1319
10	OBS	36767	M312B1 M312B2	Smoke	1/ 22.66 2/ 22.31	1/ 75-1-227 2/ 75-1-253	MIL-S-3139	Gun M1A2 M1A1C	1/ 75-14-607 2/ 75-14-500	WP	1/ 0.78 2/ 0.73	1/ 75-14-607 2/ 75-14-500	Burster Chg. M23	0.16	73-1-215	1/ 75-2-405 2/ 75-2-419	Steel	Forged	1/ 75-2-413 2/ 75-2-419	1/ M57 2/ M48	PD	1/ 73-2-137 2/ 8798219	M26	71-2-123	M6	3.75	1/ 75-1-227 2/ 75-1-253	1/ M40A1 2/ M28A2 2/ M28B2	Perc	1/ 8839471 2/ 8838129 2/ 8838130	14360	2700	76-1-1127	76-1-1244		
11	STDA	37855	M361A1	Smoke	25.82	P85133	MIL-C-45115	Gun M32 M48	P85134	WP	1.38	P85133	Burster Projectile M39		P85171	P85134	Steel	Forged	P85134	M521	PD	7549112	M88B1 M88	7548079 7548021	M6	3.64	P85133	M68 M58	Perc	8796867 8838153	16070	2400	8863694	8863695		

CARTRIDGE									PROJECTILE									FUZE			PROPELLING ASSEMBLAGE									PERFORMANCE		PACKING		
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJECTILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER						
										COMPOSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	COMPOSITION	NOM. WT. (LB)	DWG. NO.	DESIGNATION	TYPE	DWG. NO.	MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
12	STDA	36841	M340A1 M340	TP-T	27.32	8857345	MIL-C-45443	Gun M32 M48	--	--	--	Tracer M5A2B1	0.10	8796866	10520215	Steel	Bar	10520217	--	--	--	M88B1 M88	7548079 7548021	M17	5.60	8857345	M58	Perc	8838153	16080	3200	7548613	7548614	
13	STDA	36841	M363	Cstr	27.18	9204458	MIL-C-60310	Gun M32 M48	10534422	Steel Balls	9	10534425	--	--	--	10534423	Steel	Bar	10534430	--	--	--	M88B1 M88	7548079	M6	5.0	9204458	M62	Perc	8839454	170 (Ef)	2400	9204459	9204460
14	STDB OBS	36841 36767	M20 M20B1	Dummy	24.8	72-3-87		Gun M1A2 M1A2	--	--	--	--	--	--	72-3-87	3/4/	3/4/	72-3-88	M59	Dummy	72-5-5	--	--	--	--	--	--	--	--	--	--	76-1-603	76-1-652	

1/ Applicable to M312B1
2/ Applicable to M312B2
3/ Cast Bronze, - applicable to M20
4/ Malleable Iron - applicable to M20B1
5/ Tungsten carbide steel, and Aluminum.

CARTRIDGE									PROJECTILE											FUZE			PROPELLING ASSEMBLAGE						PERFORM- ANCE		PACKING			
LINE NO.	TYPE CLASSI- FICA- TION	AMCTCM OR OTCM NO.	MODEL DESIG- NATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF MORTAR	LOADING ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			FIN		DESIG- NATION	TYPE	DWG. NO.	PROPELLANT INCREMENT			IGNITION CARTRIDGE			PRIMER		INNER PACK DWG. NO.	OUTER PACK DWG. NO.
										COM- POSI- TION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATE- RIAL	MATE- RIAL FORM	DWG. NO.	DESIG- NATION	DWG. NO.				DESIG- NATION AND NO. USED	NOM. WT. GRAINS	DWG. NO.	DESIG- NATION AND DWG. NO.	DESIG- NATION AND TYPE	DWG. NO.	MAX. RANGE (YD)	MV (FPS)		
1	C&T	36841	M43A1B1 M43A1	HE	7.15	9218433	MIL-S-1436	M1 M29	9218434	Comp B	1.29	9218434	--	--	--	75-2-261	Steel	Forg	75-2-540	M3	75-2-262	1/ M525 Series	PD	8800197	M1A1 6	700	9219089	M8 8865089 M6 8865062	M34 Perc	8865053	3300	705	8858643	8858642
2	C&T	37119	M56A1 M56	HE	11.09	75-1-97	MIL-S-1436	M1, M29	75-14-254	TNT Amatol (Alt)	4.30 3.89	75-14-254	--	--	--	75-2-283	Steel	Tube Forg (Alt)	75-2-283	3/ M4A1 M4	10523464	2/ M525 M53	PD	8800197 73-1-165	M2A1 4	820	8865214	M6 8865062	M34 Perc	8865053	2536	571	7548994	7548995
3	C&T	37119	M56A1 M56	HE	11.40	75-1-197	MIL-S-1436	M1, M29	75-14-254	TNT	4.30	75-14-254	--	--	--	75-2-283	Steel	Tube Forg (Alt)	75-2-283	3/ M4A1 M4	10523464	2/ M77	TSQ	73-3-171	M2A1 4	820	8865214	M6 8865062	M34 Perc	8865053	2536	571	76-1-1132	76-1-124
4	STDB	37291	M362	HE	9.42	7549034	MIL-C-45448	M1, M29	7549035	Comp B	2.10	7548665	--	--	--	7549015	Steel	Bar Forg (Alt)	7549020 7549021	M141	7549030	4/ M524A5 M526 M517	PD PD Prx	9205729 8800254 7542838	M5 8	1304	8839494	M66 8837347	M71 Perc	7549173	3987 9/ 2925	773 9/ 616	7549031	7549032
5	STDB	37261	M362	HE	8.62	7549013	MIL-C-45448	M1 M29	7549012	Comp B	2.10	7549012	--	--	--	7549015	Steel	Bar Forg (Alt)	7549020 7549021	M141	7549030	5/ M524A5 M526 M517	PD PD Prx	9205729 8800254 7542838	M5 8	1304	8839494	M66 8837347	M71 Perc	7549173	3987 9/ 2925	773 9/ 616	7549031	7549032
6	STDB	1720	M362A1	HE	9.42	8838144	MIL-C-45448	M1, M29	8839444	Comp B	2.10	8839444	--	--	--	8596986	8/ Cast	8/ Cast	8596989	M141	7549030	4/ M524A5 M526 M517	PD PD Prx	9205729 8800254 7542838	M5 8	1304	8839494	M66 8837347	M71A1 Perc	7549173	3987 9/ 2925	773 9/ 616	7549031	7549032
7	STDB	1720	M362A1	HE	8.62	8839445	MIL-C-45448	M1 M29	8839444	Comp B	2.10	8839444	--	--	--	8596986	8/ Cast	8/ Cast	8596989	M141	7549030	5/ M524A5 M526 M517	PD PD Prx	9205729 8800254 7542838	M5 8	1304	8839494	M66 8837347	M71A1 Perc	7549173	3987 9/ 2925	773 9/ 616	7549031	7549032
8	STDA	7379	M374A2	HE	9.18	9251986 9240950	MIL-C-46995	M1, M29	8881025	Comp B	2.10	8881025	--	--	--	10543025	13/ Cast Forg Bar	10543027 10543030 10543033	M170	10551892	10/ W/O Fuze XM716 PD M524A5 PD M524A6 PD M526 PD M532 PRX	9220859 9205729 9205729 8800254 11001028	PD PD PD PD PRX	9220859 9205729 9205729 8800254 11001028	/17 M90A1 9	1528	9233369 "A" Chg. 9233371 "B" Chg.	M285 9240960	M71A2 Perc	7549173	5003 9/ 3242	866 9/ 650	9230175	9230176
9	STDB	7379	M374A1	HE	9.18	9251986 9251984	MIL-C-46995	M1, M29	8881025	Comp B	2.10	8881025	--	--	--	10543025	13/ Cast Forg Bar	10543027 10543030 10543033	M149	10520200	10/ W/O Fuze XM716 PD M524A5 PD M524A6 PD M526 PD M532 PRX	9220859 9205729 9220859 8800254 11001028	PD PD PD PD PRX	9220859 9205729 9220859 8800254 11001028	/17 M90A1 9	1528	9233369 "A" Chg. 9233371 "B" Chg.	M66A1 9233373	M71A2 Perc	7549173	5003 9/ 3242	866 9/ 650	9230175	9230176
10	STDB	7379	M347	HE	9.18	9225283 8881026	MIL-C-46995	M1, M29	8881025	Comp B	2.10	8881025	--	--	--	10543025	13 Cast Forg Bar	10543027 10543030 10543033	11/ 12/ M149 M170	11/ 12/ 10520200 10551892	10/ W/O Fuze 4/XM716 PD M524A5 PD M524A6 PD M526 PD M532 PRX	9220859 9205729 9205729 8800254 11001028	PD PD PD PD PRX	9220859 9205729 9205729 8800254 11001028	/16 M90 9 (1A) (8B)	1528	8881021 "A" Chg. 8881023 "B" Chg.	M66 M66A1 88837347 9233373 M285 9240960	M71A1 Perc M71A2	7549173	5003 9/ 3242	866 9/ 650	8864657 9230175	8864663 9230176
11	STDA	6390	M301A3	Illum- inating	10.1	9220705	MIL-C-14909	M1, M29	8865054	Illum	1.37	886509	First Fire Chg	0.05	8865059	10523459	Steel	Tube	10523457	M158	9221071	M84A1	Time	9232784	M185 8	1640	9220706	M66A1 9233373	M71A1 El Perc	7549173	4265 /14	760	9241848	9241849
12	STDB	36841	M301A2 M301A1	Illum- inating	10.71	8865058	MIL-C-46919	M1, M29	8865054	Illum	1.37	886509	First Fire Chg	0.05	8865059	10523459	Steel	Tube	10523457	M4A1	10523464	M84	Time	9205598	M2A1 4	820	8865214	M6 8865062	M34 Perc	8865053	3000 /14	594	9241848 7548648	9241849 7548649
13	OBS	37196	M57A1 M57	Smoke	12.03	75-1-94	MIL-S-1436	M1 M29	75-14-255	FS	4.59	75-14-255	Chg B'str M1	0.08	73-1-170	75-2-284	Steel	Tube	75-2-284	M4A1	10523464	1/ M525 Ser	PD	8800197	M2A1 4	820	8865214	M6 8865062	M34 Perc	8865053	2372	548	7548994	7548995
14	STDC	37196	M57A1 M57	Smoke	11.53	75-1-93	MIL-S-1436	M1, M29	75-14-255	WP	4.06	75-14-255	Chg B'str M1	0.08	73-1-170	75-2-284	Steel	Tube	75-2-284	M4A1	10523464	M525 Ser	PD	8800197	M2A1 4	820	8865214	M6 8865062	M34 Perc	8865053	2372	548	7548994	7548995

CARTRIDGE									PROJECTILE										FUZE			PROPELLING ASSEMBLAGE						PERFORMANCE		PACKING					
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF MORTAR	LOADING ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			FIN		DESIGNATION	TYPE	DWG. NO.	PROPELLANT INCREMENT			IGNITION CARTRIDGE		PRIMER		MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
										COMPOSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.	DESIGNATION	DWG. NO.				DESIGNATION AND NO. USED	NOM. WT. GRAINS	DWG. NO.	DESIGNATION AND DWG. NO.	DESIGNATION AND TYPE	DWG. NO.					
15	STDC	37196	M57A1 M57	Smoke	12.46	75-1-199	MIL-S-1436	M1, M29	75-14-255	WP	4.06	75-14-255	Chg B'str M1	0.08	73-1-170	75-2-284	Steel	Tube	75-2-284	M4A1	10523464	M77	TSQ	73-3-171	M2A1 4	820	8865214	M6 8865062	M34 Perc	8865053	2372	560	76-1-1132	76-1-1249	
16	STDB	2048	M370	Smoke	9.34	8848900	MIL-C-46513	M1 M29	8846606	WP	1.60	8846606	Chg B'str M47	0.025	8846600	10520019	Steel	Bar	1052002	M141	7549030	M524A4 M526 Ser	PD	8797514 8800254	M5 8	1304	8839494	M66 8837347	M71 Perc	7549173	3987 9/2920	773 9/616	7549031	7549032	
17	STDA	7321	M375A2	Smoke	9.14	9240953	MIL-C-60028	M1, M29	8885263	WP	1.75	8885263	Chg B'str M47	0.025	8846600	10522511	15/	Bar Forg Cast	10535862 10535864 10535865	M170	10551892	XM716 M524A5	PD PD	9220859 9205729	/17 M90A1 9 (1 "A") (8 "B")	1520	9233369 "A" Chg 9233371 "B" Chg	M285 9240960	M71A2 Perc	7549173	5003 9/3242	866 9/650	9230175	9230176	
18	STDB	7321	M375A1	Smoke	9.14	9251985	MIL-C-60028	M1, M29	885263	WP	1.75	8885263	Chg B'str M47	0.025	8846600	10522511	15/	15/ Cast Forg Bar	10535862 10535864 10533865	M149 11/	10520200	4/ M524A5 M524A6 XM716	PD PD PD	9205729 9205729 9220859	/17 M90A1 9 (1 "A") (8 "B")	1520	9233369 "A" Chg 9233371 "B" Chg	M66A1 9233373	M71A2 Perc	7549173	5003 9/3242	866 9/650	9230175	9230176	
19	STDB	7321	M375	Smoke	9.14	8885264	MIL-C-60028	M1 M29	8885263	WP	1.75	8885263	Chg B'str M47	0.025	8846600	10522511	15/	15/ Cast Forg Bar	10535862 10535864 10535865	11/ 12/ M149 M170	10520200 10551892	4/ M524A5 M524A6 Ser	PD PD	9205729 9205729	/16 M90 9 (1 "A") (8 "B")	1520	8881021 "A" Chg 8881023 "B" Chg	11/ 12/ M66/ M66A1 8837347 M285 9240960	M71A1 M71A2	7549173	5003 9/3242	866 9/650	9230175	9230176	
20	STDB	37107	M68	Tng	9.8	75-2-302		M1, M29	--	--	--	--	--	--	--	75-2-302	Iron	Cast	75-2-302	M6	75-2-302	--	--	--	--	--	--	7/ M3 75-19-76 M6 8865062 w/primer	7/ M34 Perc	8865053	310	172.8	--	76-1-338	
21	STDC	37107	M43A1	TP	7.16	75-1-89	MIL-S-1436	M1, M29	75-14-212	Inert Mat'l	1.19	75-14-212	Spot Chg BPP	0.05	75-1-89	75-2-261	Steel	Forg	75-2-540	M3	75-2-262	1/ M525 Ser	PD	8800197	M1A1 6	700	71-12-15	M8 8865089	M34 Perc	8865053	3300	705	8865089	8865053	
22	STDA	37767	M445	Tng	9.34	P87815		M1, M29	P87815	Steel Slugs	2.19	P112974	Cart. Smoke 410 M152		P112999	7549015	Steel	Bar	7549020 7549021	M151	P86985	M531	Tng	P98412	--	--	--	M100			190				

- 1/ Fuze Series, PD, M52, M53, M82 -
- 2/ Fuze Series, PD, M52, M82 -
- 3/ M4A1 f/M56A1, M4f/M56
- 4/ Fuze Series, PD, M519 -
- 5/ Assembled w/Nose Plug, Dwg. 7549009
- 6/ Fuze Series, PD, M82 -
- 7/ Issued separately
- 8/ Pearlitic Malleable Iron.
- 9/ Charge 5 for M1 Mortar
- 10/ Assembled w/Nose Plug Dwg. 7549076 (Alt 7549009)
- 11/ M149 Fin Assy must use M66A1 Ign. Cart. No. 9233373 Only (Yellow & Red)
- 12/ M170 Fin Assy must use M285 Ign. Cart. No. 9240960 only (Yellow & Green)
- 13/ Material may be Pearlitic Malleable Iron, Steel Alloy, Bar, Steel Plate, Steel Tube or Non Resulphurized Steel Bar.
- 14/ To Maximum Illuminated Range
- 15/ Material may be Non-Resulphurized Steel Bar Low Carbon Bar Pearlitic Malleable.
- 16/ M90 Cloth Propellant Bag
- 17/ M90A1 Celcon Silk Propellant Bag.

CARTRIDGE									PROJECTILE									FUZE			PROPELLING ASSEMBLAGE									PERFORM - ANCE		PACKING		
LINE NO.	TYPE CLASSI- FICA- TION	AMCTCM OR OTCM NO.	MODEL DESIG- NATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJEC- TLE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIG- NATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER			MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
										COM- POSI TION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATE- RIAL	MATE- RIAL FORM	DWG. NO.				DESIG- NATION	DWG. NO.	COM- POSI- TION	NOM. WT. (LB)	DWG. NO.	DESIG- NATION	TYPE	DWG. NO.				
1	STDB	36841	M82	APC-T	42.75	75-1-145	PA-PD-168	Guns M1,M2, Ser. M36 M41 M54	75-14-334	Exp D	0.31	75-14-334	--	--	--	75-18-46	Steel	Forg or Bar	75-18-47	M68 M68A1	BD	73-2-181	M19	7548413	M6	1/ 7.31 2/ 8.06	75-1-145	M28A2 M49	Perc	8838129 8839472	21400	1/ 2600 2/ 2800	76-1-604	76-1-672
2	C&T	37209	M77	AP-T	42.04	75-1-136		Guns M1,M2, Ser. M36 M41 M54	75-14-330	--	--	--	Tracer, M3	0.01	75-14-330	75-18-44	Steel	Bar	75-18-44	--	--	--	M19	7548413	M6	7.31	75-1-136	M28A2 M28B1	Perc	8838129 8838130	12325	2700	7548301	7548306
3	STDB STDA	37119 36841	M318 M318A1 M318A1 E1	AP-T	43.98 43.91	75-1-358 9207966	PA-PD-57	Guns M36, M41, M54	10522523	--	--	--	Tracer M5A2B1 M13	0.10 8796866 0.013 8860550	75-2-545 10522523	Steel	Bar	75-2-545 10522525	--	--	--	M108B1 M108	7548028 7548257	M6 M17 M30	8.6 9207966	75-1-368	M58	Perc	8838153	23000	3000	7548467	7548476	
4	OBS		M318A1C	AP-T	44.2	75-1-357	PA-PD-65	Guns M1,M2, Ser. M36, M41, M54	--	--	--	--	Tracer M5A2B1	0.10 8796866	75-2-544	Steel	Bar	75-2-545	--	--	--	M19 M19B1	7548413 7548080	M6	8.6	75-1-357	M49	Perc	8839472	21400	2800	7548467	7548476	
5	STDB	36841	M71	HE	41.93	75-1-126	MIL-C-46226	Guns M1,M2 M3, Ser. M36, M41, M54	75-14-305	Comp B TNT	2.15	75-14-305	--	--	--	75-18-42	Steel	Forg	75-20-92	M502A1 M43A3	MTSQ	73-7-146 73-7-29	M19 M19B1	7648413 7548080	M6 Flash- less	7.31	75-1-126	M28A2 M28B2	Perc	8838129 8838130	19375	2700	7548301	7548306
6	STDB	36841	M71	HE	41.19	75-1-184	MIL-C-46226	Guns M1,M2 Ser. M36, M41, M54	75-14-446	Comp B TNT	1.68 1.6	75-14-446	Suppl Chg	0.365 8797090	75-18-42	Steel	Forg	75-20-92	M502A1 M51A5 M43	MTSQ PD MT	73-7-146 8796862 73-7-29	M19 M19B1	7548413 7548080	M6 Flash- less	7.31	75-1-184	M28B2 M28A2	Perc	8838130 8838129	19375	2700	7548301	7548306	
7	STDB	36841	M71	HE	39.45	75-1-246	MIL-C-46226	Guns M1,M2 Ser. M36, M41, M54	75-14-446	Comp B TNT	1.68 1.6	75-14-446	Suppl Chg	0.365 8797090	75-18-42	Steel	Forg	75-20-92	M51A5	PD	8796862	M19 M19B1	7548413 7548080	M6 Flash- less	7.31	75-1-246	M28B2 M28A2	Perc	8838130 8838129	19375	2700	7548301	7548306	
8	STDB	36841	M71	HE	41.50	75-1-157	MIL-C-46226	Guns M1,M2 Ser. M36, M41, M54	75-14-305	Comp B TNT	2.15	75-14-305	--	--	--	75-18-42	Steel	Forg	75-20-92	M51A5 M51A4 M48A2	PD	8796862 73-2-145 8798219	M19 M19B1	7548413 7548080	M15 Flash- less Smoke- less	7.31	75-1-257	M49	Perc	8839472	19375	2700	7548301	7548306

CARTRIDGE									PROJECTILE										FUZE			PROPELLING ASSEMBLAGE									PERFORMANCE		PACKING	
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJECTILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER			MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
										COMPOSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	COMPOSITION	NOM. WT. (LB)	DWG. NO.	DESIGNATION	TYPE	DWG. NO.				
9	STDB	36841	M71	HE	41.43	75-1-207	MIL-S-46226	Guns M1, M2 Ser. M36 M41 M54	75-14-446	Comp B TNT	2.15	75-14-446	Suppl Chg	0.365	8797090	75-18-42	Steel	Forg	75-20-92	M51A5 M51A4 M48A2 M557	PD	8796862 73-2-145 8798219 8863535	M19 M19B1	7548413 7548080	M15 Flashless Smokeless	7.31	75-1-207	M49B1	Perc	8839472	19375	2700	7548301	7548306
10	STDB	36841	M71	HE	41.14	75-1-357	MIL-C-46226	Guns M1, M2 Ser. M36 M41 M54	75-14-446	Comp B TNT	1.68 1.6	75-14-446	Suppl Chg	0.365	8797090	75-18-42	Steel	Forg	75-20-92	M51A5	PD	8796862	M19 M19B1	7548413 7548080	M6 Smokeless	7.31	75-1-375	M28B2 M28A2	Perc	8838130 8838129	19375	2700	7548301	7548306
11	C&T	4035	XM591	HE	13.3	P-9209941	PA-PD-2784	Rifle M67	8839444 3/	Comp B	2.1	8839444	--	--	--	8596986	Iron	Prlitic Malleable	8596989	XM593	PD	9211809	M112	8595496	M5	1.25	9212287	XM92E1	Perc	8863394	1810	470	8796717	8796716
12	STDC	37119	M348 M348A1	HEAT	37.84 34.79	75-1-359	PA-PD-12	Guns M1, M2 Ser. M36 M41 M54	75-14-700	Comp B	1.56	75-14-700	--	--	--	75-2-575	Steel	Forg	75-2-578	M509	PIBD	8799735	T27E2	7548087	M6	5	75-1-359	T69	Perc	74-2-114	13010	2800	8887601	8887602
13	STDA	4265	M371A1	HEAT	9.25	8863468	MIL-C-46467	Rifle M67	8863469	Comp B	1.72	8863469	--	--	--	8595478	Alum.		8595492	M530A1	PIBD	10980600	M112	8595496	M5	1.31	8848808	M92	Perc	8863394	2292	700	8796717	8796716
14	STDC	4265	M371E1	HEAT	9.28	8844542	MIL-C-46467	Rifle M67	8846857	Comp B	1.72	8846857	--	--	--	8595478	Alum.		8595492	M530	PIBD	10404054	M112	8595496	M5	1.31	8848808	M78	Perc	8847520	2292	700	8796717	8796716
15	STDA	38092	M431	HEAT-T	33	8822481	MIL-C-45491	Guns M36 M41 M54	8822480	Comp B	1.2	8822480	Tracer M13	0.013	8860550	8594965	Steel	Forg	8594968	M509A1	PIBD	8799735	M114E1	8595505	M30	8.25	8822481	M79	Perc	8839485	8900	4000	8800078	8800077
16	STDA	37436	M71A1	HE-T	41.2	8849017-1	PA-PD-2271	Guns M36 M41 M54	8849016-1	Comp B TNT	2.15	8849016-1	Tracer XM10	0.009	8849014	75-18-42	Steel	Forg	75-20-92	M51A5 M557	PD	8796862 8863535	M19B1 M19	7548080 7548413	M1 Flashless Smokeless	5.31	8849017	M28B2 M28A2	Perc	8838130 8838129	16800	2400	7548301	7548306
17			T91	HE-T	34.3	P81677		Guns M36 M41 M54	P81678	Comp B TNT	3.5	P81678	Tracer M5A2B1	0.10	8796866	P86179	Steel	Forg	P86179	M51A5 M500	PD MTSQ	8796862 73-7-135	M108 M108B1	7548028 7548257	M17	4.43	P81677	M68	Perc	8796867	14000	2400	7548301	7548306

CARTRIDGE									PROJECTILE										FUZE			PROPELLING ASSEMBLAGE									PERFORMANCE		PACKING	
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJECTILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER			MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
										COM-POSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	COM-POSITION	NOM. WT. (LB)	DWG. NO.	DESIGNATION	TYPE	DWG. NO.				
18	OBS	37119	M304	HVAP-T Smokeless Flashless	35.82	75-1-234	MIL-C-20608	Guns M1, M2 Ser. M36 M41 M54	75-14-3	--	--	--	Tracer M5A2B1	0.10	8796866	75-2-375	Alum.		75-2-375	--	--	--	M19 M19B1	7548413 7548080	M6	8.4	75-1-234	M40A1	Perc	8839471	15130	3350	76-1-1106	76-1-1237
19	STDC	37119	M332A1	HVAP-T	32.30	75-1-310	MIL-C-20608	Guns M1, M2 Ser. M36 M41 M54	--	--	--	--	Tracer M5A2B1	0.10	8796866	75-2-479	Alum. Alloy	Forg	75-2-481	--	--	--	M19 M19B1	7548413 7548080	M17	8.5	75-1-310	M49	Perc	8839472	15700	3875	76-1-1106	76-1-1237
20			M371	Prac.	9.25	8865243	MIL-C-46927	Rifle M67	8865242	Inert Filler E	1.72	8865242	--	--	--	8595478	Alum. Alloy		8595492	M530	PIBD	10404054	M112	8595496	M5	1.3	8848808	XM92	Perc	8863394	2292	740	8796717	8796716
21	STDB	37119	M313	Smoke WP	42.04	75-1-224	MIL-S-3139	Guns M1, M2 Ser. M36 M41 M54	75-14-50	WP	1.97	75-14-501	4/ Burster M24	0.31	73-1-211	75-2-369	Steel	Forg	75-2-370	M48A3 M57	PD	8798219 73-2-137	M19 M19B1	7548413 7548080	M15 M6	7.31	75-1-224	M49 M28B2	Perc	8839472 8838130	19870	2700	7648301	7548306
22	STDA	37619	M313C	Smoke WP	40.06	8858640	PA-PD-2272	Guns M36 M41 M54	75-14-50	WP	1.97	75-14-501	4/ Burster M24	0.31	73-1-211	75-2-369	Steel	Forg	75-2-370	M48A3	PD	8798219	M19B1	7548080	M1	5.33	8858640	M28B2 M28A2	Perc	8838130 8838129	16800	2400	7548301	7548306
23	OBS	37119	M71	TP	42.04	75-1-163		Guns M1, M2 Ser. M36 M41 M54	--	Inert Mat'l	2.15	75-1-163	--	--	--	75-18-42	Steel	Forg	75-20-92	M73	Dummy	8796863	M19 M19B1	7548413 7548080	5/ M15 6/ M16	7.31	75-1-163	M49 M28A2 M28B2	Perc	8839472 8838129 8838130	19375	2700	76-1-602	76-1-1236
24	STDA	4634	M353A1	TP	43.91	8861603	MIL-C-45096	Guns M36 M41 M54	--				Tracer Proj. M13	0.013	8860550	10522528	Steel	Bar	10522528	--	--	--	M108 M108B1	7548028 7548257	M30	8.6	8861603	M58	Perc	8838153	18760	3000	7548467	7548476
25	STDA	36841	M12 M12B1 M12B2	Dummy	42.04	72-3-76		Guns M1, M2 Ser. M36 M41 M54	--	--	--	--	--	--	--	--	Bronze	Casting	72-3-77	M80	Dummy	72-5-13	--	--	--	--	--	--	--	--	--	--	76-1-603	7548306

CARTRIDGE									PROJECTILE									FUZE			PROPELLING ASSEMBLAGE									PERFORMANCE		PACKING		
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJECTILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER			MAX. RANGE (YD)	(FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
										COMPOSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	COMPOSITION	NOM. WT. (LB)	DWG. NO.	DESIGNATION	TYPE	DWG. NO.				
1	LP	4034 5900	XM546	APERS-T	38.25	9211669	PA-PD-2789	How M2A2 M103 M137	9211471 Designation XM380E5	Flch 8-gr Steel	9.145	9211488	Tracer M13	0.013	8860550	9211480	Alum		9211531	XM563E1 XM563E4 XM563E2 XM563E3	MT	10535651 10520688	M14B4	8595386	M30E1 M30A1	3.1	9211657	M90	Perc	8866664	8/ 328	7/	8862348	8862347
2	LP	6308	XM494E3	APERS	55	9229962	MIL-C-14747	Gun M68	9229964	Flch 13-gr Steel	9.2	9219980	Tracer M13	0.13	8860550	9229966	Alum. Steel	Forg	9229967	XM571	MT	10524825	M150B1	10521648	M6	9.2	PA-PD-3112	M86	Elec	8847424	4813	2700	9204453	9204454
3	1/ STDA 2/ STDB	38116	1/ M392A2 2/ M392A1	APDS-T	41.0	1/ 8863427 2/ 8799900	MIL-C-46216	Gun M68	1/ 8863426 2/ 8799894	-- -- --	-- -- --	Tracer M13	0.013	8860550	8595461	3/		3/ 8595464			M115B1 M115		10520214 8597490	M30	12.0	8863427	M80A1	Elec	8839499	--	--	8835040	8835039	
4	STDA	36841	M360	Agent	43.86	75-1-363	MIL-C-3139	How M2A1 M2A2 M4 M4A1 M49	75-14-705	GB Non-Pers	1.63	75-14-705	Burster Chg, M40 Casing M16	1.90	75-1-258 8880479 75-1-257	75-4-209	Steel	Forg or Bar	75-4-210	M508	PD	7549041	M14 M14B1	7548409 7548025	M1	2.75	9205472	M28A2 M28B2	Perc	8838129 8838130	12330	1550	7549073	7549072
5	STDA	36841	M60	Agent	42.92	75-1-109	MIL-C-3139	How * M2A1 M2A2 M4 M4A1 M49	75-14-273 9217215	HD H Pers	2.97	75-14-273	Burster Chg M5 Casing M5	0.51	10535931 10535948	10535930	Steel	Forg	10535941	M51A5 M51A4 M57 M557	PD	8796862 73-2-145 73-2-137 8863535	M14 M14B1	7548409 7548025	M1	2.75	9205472	M28A2 M28B2	Perc	8838129 8838130	12330	1550	7549073	7549072
6	STDA	4181	M1	HE	42	75-1-75	MIL-C-45195	How * M2A1 M2A2 M4 M4A1 M49	75-14-206	Comp B TNT	5.08	75-14-206	Closing plug	0.37	75-14-40 8797490	75-4-75	Steel	Forg	75-20-76	M51A5 M557 M78	PD PD PDCP	8796862 8863535 73-2-214	M14 M14B1	7548409 7548025	M1	2.75	9205472	M28A2 M28B2	Perc	8838129 8838130	12330	1550	7549073	7549072
7	STDA	4181	M1	HE	42	75-1-91	MIL-C-45195	How * M2A1 M2A2 M4 M4A1 M49	75-14-206	Comp B TNT	5.08	75-14-206	Closing Plug	0.37	75-14-40 8797490	75-4-75	Steel	Forg	75-20-76	M500A1 M520 M520A1 M55A3 M78	MTSQ MTSQ MTSQ TSQ PDCP	8796864 8594044 8594044 73-3-155 73-2-214	M14 M14B1	7548409 7548025	M1	2.75	9205472	M28A2 M28B2	Perc	8838129 8838130	12330	1550	7549073	7549072
8	STDA	4181	M1	HE	42	75-1-185	MIL-C-45195	How * M2A1 M2A2 M4 M4A1 M49	9211610	Comp B TNT	4.60	9211610	Suppl Chg	0.365	8797090	75-4-75	Steel	Forg	75-20-76	M51A5 M557 M78	PD PD PDCP	8796862 8863535 73-2-214	M14 M14B1	7548409 7548025	M1	2.75	9205472	M28A2 M28B2	Perc	8838129 8838130	12330	1550	7549073	7549072
9	STDA	4181	M1	HE	49	75-1-208	MIL-C-45195	How * M2A1 M2A2 M4 M4A1 M49	9211610	Comp B TNT	4.60	9211610	Suppl Chg	0.305	8797090	75-4-75	Steel	Forg	75-20-76	M500A1 M520 M520A1 M55A2 M78	MTSQ MTSQ MTSQ TSQ PDCP	8796864 8594044 8594044 73-3-155 73-2-214	M14 M14B1	7548409 7548025	M1	2.75	9205472	M28A2 M28B2	Perc	8838129 8838130	12330	1550	7549073	7549072

CARTRIDGE									PROJECTILE									FUZE			PROPELLING ASSEMBLAGE									PERFORM- ANCE		PACKING		
LINE NO.	TYPE CLASSI- FICA- TION	AMCTCM OR OTCM NO.	MODEL DESIG- NATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJEC- TILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIG- NATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER						
										COM- POSI- TION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATE- RIAL	MATE- RIAL FORM	DWG. NO.				DESIG- NATION	DWG. NO.	COM- POSI- TION	NOM. WT. (LB)	DWG. NO.	DESIG- NATION	TYPE	DWG. NO.	MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
10	STDA	4181	M1	HE	39.92	9211611	MIL-C-45195	How * M2A1 M2A2 M4 M4A1 M49	9211610	Comp B TNT	4.60	9211610	Suppl Chg	0.365	8797090	10535816	Steel	Forg	10535878				M14B4 M14B1	8595386 7548025	M1	2.75	9205472	M28A2 M28B2	Perc	8838129 8838130	12330	1550	7549073	7549072
11	OBS	37119	m323	HE	48.59	75-1-263 75-1-264	MIL-C-12870	Rifles M27 M27A1	75-14-618	Comp B TNT	4.38 4.61	75-14-618	Suppl Chg	0.365	8797090	75-4-174	Steel	Forg	75-20-76	M51A5 M500 M67	PD MTSQ MT	8796862 8796864 73-7-97	M32	71-2-141	M10	7.95	75-1-263 75-1-264	M57	Perc	8838009	9367	1120	76-1-1339	76-1-1341
12	LP	6381 7317	M548A1 M548	HERA		9212376	MIL-C-60932	M2A2 M103 M137	9212389	Comp B	5.2	9212390	Suppl Chg	.3	8797090	9212394	Steel	High Carbon				M14B4 M14B1 M14	8595386 7548025 7548409	XM196	2.75	9212377	XM118	Perc	9212388	--	--	92123636	92123637	
13	STDB	36841	M67	HEAT HEAT-T	37.00	75-1-142	MIL-C-20530	How * M2A1 M2A4 M4 M4A1 M49	75-14-352	Comp B Cast Pent- olite	3.08 1.9	75-14-352	Tracer M5A2B1	0.10	8796866	75-4-106	Steel	Forg	75-20-76	4/ M62 5/ M91A1	BD	73-2-168 8837308	M14 M14B1	7548409 7548025	M1	1.54	71-9-204	M28A2 M28B2	Perc	8838129 8838130	8590	1250	76-1-602 76-1-605	76-1-674
14	OBS	6418	M341	HEAT	37.10	75-1-313	MIL-C-12631	Rifle M27A1	75-14-661	Comp B	2.38	75-14-655	--	--	--	75-2-501	Steel	Forg	75-2-503	M509	PIBD	8799735	M90B1 M90	7548029 71-2-175	M10	8.10	75-1-313	M63	Perc	8840471	3000	1650	76-1-1543	76-1-1544
15	OBS	6418	M324	HEAT-T	46.1	75-1-266	PA-PD-96	Rifle M27 M27A1	75-14-619	Comp B	3.06	75-14-619	Tracer M5A2B1	0.10	8796866	75-4-175	Steel	Forg	75-4-191	M91 M62A1	BD	8837308 8886414	M32	71-2-141	M10	8.21	75-1-266	M57	Perc	8838009	9280	1250	76-1-1340	76-1-1341
16	STDA	4677	M456A1 M456	HEAT-T	48	8861065	MIL-C-46457	Gun M68	8861071	Comp B	2.14	8861071	Tracer Projec- tile M13	.013	8860550	8597604	Steel			M509A1	PIBD	8799735	M148A1 B1 M148E4	10522799 8597492	M30	11.5	8861065	M83	Elec	8847476	8975	3850	8837832	8837831
17	C&T	6418	M326	HEP-T	41.3	75-1-296	PA-PD-93	Rifle M27 M27A1	75-14-637	Comp A-3	7.5	75-14-637	Tracer M5A2B1	0.10	8796866	75-4-189	Steel	Forg	75-4-193	M91 M62A1	BD	8837308 8886414	M32	71-2-141	M10	7.70	75-1-296	M57	Perc	8838009	8260	1250	76-1-1342	7549148
18	STDA	36841	M327	HEP HEP-T	33.45	75-1-362	PA-PD-93	How * M2A1 M2A2 M4 M4A1 M49	75-14-702	Comp A-3	7.6	75-14-702	Tracer M5A2B1	0.10	8796866	75-2-497	Steel	Plate	75-2-498	M91 M62A1	BD	8837308 8886414	M14 M14B1	7548409 7548025	M6	3.90	71-9-269	M28A2 M28B2	Perc	8838129 8838130	9100	1835	7549073	7549072
19	OBS	6418	M345	HEP-T	37.37	75-1-323	PA-PD-93	Rifle M27 M27A1	75-14-667	Comp A-3	7.72	75-14-667	Tracer M5	0.10	8796866	75-2-521	Steel	Forg	75-2-522 8596146	M91A1	BD	8837308	M95B1	71-2-188	M10	8.25	75-1-323	M57	Perc	8838009	750	1690	7549071	7549070
20	STDB	3325	M393A1	HEP-T	45	8853736	MIL-C-46492	Gun M68	8853735	Comp A-3	6.4	8853735	Tracer M12	0.04	8853698	8597104	Steel	Bar	8597103	M534A1	BD	8860724	M150- B1 M150	10521648 8597493	M1	5.9	8853734	M86	Elec	8847727	10400	2400	8836005	8836004

M67
M27A1
341

CARTRIDGE									PROJECTILE									FUZE			PROPELLING ASSEMBLAGE									PERFORMANCE		PACKING		
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJECTILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER						
										COMPOSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	COMPOSITION	NOM. WT. (LB)	DWG. NO.	DESIGNATION	TYPE	DWG. NO.	MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
21	STDA	3325	M393A2	HEP-T	45	8886470	MIL-C-60039	Gun M68	8886469	Comp A-3	6.6	8886469	Tracer Proj M12	0.04	8853698	10524305	Steel	Bar	10524307	M578	BD	8886434	M150B1 M150	10521648 8597493	M1	5.9	8853734	M86	Perc	8847424	10400	2400	8836005	8836004
22	STD C&T	36841 7467	M314A2B1 M314A2	Illum	46.43	75-1-229	MIL-C-20354	How * M2A1 M2A2 M4 M4A1 M49	75-14-508	Illum	1.74	9206749	Chg 1st Fire	0.13	9206749	75-4-128	Steel	Forg (M314-A2) Tube (M314-A2B1)	75-4-129 75-2-542	M501A1	MTSQ	8797484	M14 M14B1	7548409 7548025	M1	2.75	9205472	M28A2 M28B2	Perc	8838129 8838130	10447	1535	7549073	7549072
23	STDA	7467	M314A3	Illum	46.43	9206821	MIL-C-20354	How * M2A1 M2A2 M4A1 M49	9206744	Illum	1.97	9206749	Chg 1st Fire	0.15	9206749	10534900	Steel	Forg	10534902	M565	MT	10522991	M14B-3E1 M14	8595386 7548409	M1	2.8	9205472	M28A2 M28B2	Perc	8838129 8838130	12,330	1550	7540973	7549072
24	STDB	133	M84 M84B1	Leaf-let	39.7	9219187	MIL-C-20426	How * M2A1 M2A2 M4 M4A1 M49	9218520	Leaf-lets replaces smoke canister			Burster Chg BP	0.14		75-4-105	Steel	Forg	75-4-111	M501A1	MTSQ	8797484	M14B1 M14	7548025 7548409	M1	2.75	9205472	M28A2 M28B2	Perc	8838129 8838130	9943	1422	7549073	7549072
25	STDA	36841	M84 M84B1	Smoke	41.93	9219187-1	MIL-C-20418	How * M2A1 M2A2 M4 M4A1 M49	9218520-1	HC	7.50	C 15-11-22	Expelling Chg BP	0.15	9218512	75-4-105	Steel	Forg	75-4-111	M501A1 M54	MTSQ TSQ	8797484 73-3-154	M14B4 M14B1	8595836 7548025	M1	2.75	9205472	M28A2 M28B2	Perc	8838129 8838130	12,330	1550	7549073	7549072
26	STDA	36841	M84 M84B1	6/	39.38	9219187-2	MIL-C-20418	How * M2A1 M2A2 M4 M4A1 M49	9218520-2 9218520-3 9218520-4 9218520-5	6/ Smoke Colrd	6/	C15-11-60	Chg BP	0.15	9218512	75-4-105	Steel	Forg	75-4-111	M501A1 M54	MTSQ TSQ	8797484 73-3-154	M14B4 M14B1	8595836 7548025	M1	2.75	9205472	M28A2 M28B2	Perc	8838129 8838130	12,330	1550	7549073	7549072
27	STDA	36841	M60	Smoke	43.81	9216522	MIL-C-3139	How * M2A1 M2A2 M4 M4A1 M49	9217215	WP	3.83	9217215	Burster Chg M5 Casing M5	0.51	10535931 10535948	10535930	Steel	Forg	10535941	M51A5 M51A4 M557	PD	87968862 73-2-145 8863535	M14B1 M14	7548025 7548409	M1	2.75	9205472	M28A2 M28B2	Perc	8838129 8838130	12,330	1550	7549073	7549072
28	OBS	6418	M325	Smoke	51.60	75-1-267	MIL-C-20576	Rifle M27 M27A1	75-14-620	WP	4.06	75-14-620	Burster Chg M5 Tetra-tol	0.51	8797655	75-4-176	Steel	Forg	75-4-192	M51A5 w/ Booster M21A4	PD	8796862	M32	71-2-141	M10	8.14	75-1-267	M57	Perc	8838009	9367	1120	76-1-1339	76-1-1341

CARTRIDGE									PROJECTILE									FUZE			PROPELLING ASSEMBLAGE									PERFORMANCE		PACKING		
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGN-NATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJEC-TILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIG-NATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER						
										COM-POSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATE-RIAL	MATE-RIAL FORM	DWG. NO.				DESIG-NATION	DWG. NO.	COM-POSITION	NOM. WT. (LB)	DWG. NO.	DESIG-NATION	TYPE	DWG. NO.	MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
29	STDA	2173	M416	Smoke	45.5	8886487	MIL-C-46956	Gun M68	8886486	WP	6/	8886485	Burster Proj. M48 Tracer Proj. M12	0.04	8853698	10522803	Steel	Bar	10522805	M534A1	BD	8860724	M150B1 M150	10521648 8597493	M1	5.9	8853734	M86	Elec	8847424	10,400	2400	8836005	8836004
30	LP	6912	M84E1	Smoke	40.5	9223431-1	MIL-C-20418	How M2A2 M103 M137	9223430-1	HC	12.3	C15-11-22	Exp Chg	0.11	9207912	10542988	Steel	Semi Fin	10542990	M548 M565	MTSQ MT	10520638 10522991	M14B1 M14B4	7548025 8595386	M67		9205472	M28B2 M28A2	Perc	8838130 8838129	--	--	7549073	7549072
31	LP	6912	M84E1	Smoke	40.5	9223431-2 9223431-3 9223431-4	MIL-C-20418	How M2A2 M103 M137	9223430-2 9223430-3 9223430-4	Smoke Colrd	12.3	C15-11-60	Exp Chg	0.11	9207912	10542938	Steel	Semi Fin	10542990	M548	MTSQ	10520638 10522991	M14B1 M14B4	7548025 8595386	M67		9205472	M28B2 M28A2	Perc	8838103 8838129	--	--	7549073	7549072
32	LP	7027 7293 7456	XM629	Tactical CS	42.	9220225	MIL-C-60411	How M2A2 M137	9220224	CS		C15-11-183	Exp Chg		9207912	10543036	Steel	Forg	10534901	M548	MTSQ	10520638	M14B4	8595386	M67		9205472	M28B2	Perc	8838130	--	--	7549073	7549072
33	STDB	36841	M67	TP-T	37.06	75-1-191	MIL-C-12849	How * M2A1 M2A2 M4 M4A1 M49	75-14-463	Inert Mat'l	3.89	75-14-463	Tracer M5A2B1	0.10	8796866	75-4-106	Steel	Forg	75-20-94	--	--	--	M14B1 M14	7548025 7548409	M1	1.54	71-9-204	M28A2 M28B2	Perc	8838129 8838130	8590	1250	7549073	7549072
34	STDA	262	M467	TP-T	45	8863618	MIL-C-46665	Gun M68	8863616				Tracer Proj M12	0.04	8853698	10521886	Steel	Bar	10521888	--	--	--	M150B1 M150	10521648 8597493	M1	5.9	8853734	M86	Elec	8847424	10400	2400	8836005	8836004
35	STDA	1103	M490	TP-T	45	8865533	MIL-C-46988	Gun M68					Tracer Proj M13	0.013	8860550	10523473	Steel	Bar	10523475	--	--	--	M148A1 B1 M148E4	10522799 8597492	M30	11.5	8865257	M83	Elec	8847476	8975	3850	8837832	8837831
36	STDA	36841	M14	Dummy	42.06	72-3-78		How * M2A1 M2A2 M4 M4A1 M49	--	--	--	--	--	--	--	72-3-79	Steel	Forg	72-3-79	M59	Dummy PD	72-5-5	--	--	Prop-elling Chg. M3 Dummy	3.10	72-2-64 8865039	M1B1	Inert Perc	8839474	--	--	7549073	7549072

CARTRIDGE									PROJECTILE									FUZE			PROPELLING ASSEMBLAGE									PERFORM - ANCE		PACKING		
LINE NO.	TYPE CLASSI- FICA- TION	AMCTCM OR OTCM NO.	MODEL DESIG- NATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	PROJEC- TILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIG- NATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT			PRIMER						
										COM- POSI- TION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATE- RIAL	MATE- RIAL FORM	DWG. NO.				DESIG- NATION	DWG. NO.	COM- POSI- TION	NOM. WT. (LB)	DWG. NO.	DESIG- NATION	TYPE	DWG. NO.	MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
1	LP	4269 4682	XM581	APERS-T	41.25	9210603	PA-PD-2800	Rifle M40A1	9210604	Flch	10.9	9210612	Tracer Proj M13	0.013	8860550	9210605	Alum	Tubing Impact Extru	9210607	XM592 XM592E1	MT MT	9212034 10542850	M94B1	8596150	M26	8	9210603	M57	Perc	8838009	-- 1100	1440 --	9212553	9212554
2	STDA STDB	37032	3/ M344A1	HEAT	36.19	7549097	MIL-C-13473	Rifle M40A1 M40A1C	7549096	Comp B	2.79	7549096	--	--	--	7549103	Steel	Tubing	7549077	M509A1	PIBD	8799735	1/ M94B1 2/ M93B1	8596150 7548092	1/ M26 2/ 8.10	8.06 7549097	M57	Perc	8838009	3000	1650	7548962	7548963	
3	STDA	37032	M346A1	HEP-T	37.37	8837335	MIL-C-46250	Rifle M40A1 M40A1C	8837336	Comp A3	7.72	8837336	Tracer M5A2B1	0.10	8796866	8596145	Steel	Plate	8596146	M91A2	BD	8837308	M94B1	8596150	1/ M26 2 M10 8.04	8	8837335	M57	Perc	8838009	7515	1635	7549071	7549070
4	STDA	3685	M368	Dummy	37.93	8596153	FA-PD-MI 2380	Rifle M40A1 M40A1C	8596154	Inert	7.75	8596154	--	--	--	8596145	Steel	Plate	8596146	--	--	--	M94B1	8596150	4/ 4/ --	4/ --	--	--	Dummy	8596158	--	--	7549071	7549070

1/ For M344A1
2/ For M344.
3/ Fin Assembly, M8, Dwg. 7549111.
4/ Inert Propellant loading omitted and Flash Tube replaced with built-up metal bar which provides the same weight and center of gravity as prototype.

CARTRIDGE									PROJECTILE										FUZE			PROPELLING ASSEMBLAGE						PERFORMANCE		PACKING			
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	AGENT	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF MORTAR	PROJECTILE ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			OBTURATING MECHANISM		DESIGNATION	TYPE	DWG. NO.	PROPELLANT			IGNITION CARTRIDGE		MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
										COMPOSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.	DWG. NO.	IGNITION CONTAINER EXTENSION				COMPOSITION	NOM. WT. (LB)	DWG. NO.	DESIGNATION	DWG. NO.				
1	STDA STDB	36841 37119	M2A1 M2	Gas Persistent	24.91	75-1-284	MIL-S-13925	Mortar Cannon M30	75-14-630	HT HD	6.20 5.75 8.00	75-14-630	10/ Casing Proj Burster M14	0.73	10534914	1/ 75-2-420 2/ 75-2-422 3/ 75-2-443 4/ 75-2-445	Steel	1/ Forge 2/ Tube 3/ Forge 4/ Tube	75-2-421 75-2-423 75-2-421 75-2-423	1/ 75-2-426 2/ 75-2-426 3/ 75-2-534 4/ 75-2-534	Without Without Without Without	M8	PD	72-2-311	M6	0.43	71-12-27	M2	8797831	4961	879	76-1-1189	76-1-1188
2	STDB	36841	M3A1 M3	HE	26.95 25.09	75-1-285	MIL-S-11354	Mortar Cannon M30	75-14-631	TNT	7.80	75-14-631	Suppl Chg	0.365	8797090	5/ 75-2-427 6/ 75-2-429 7/ 75-2-441 8/ 75-2-442	Steel	5/ Forge 6/ Tube 7/ Forge 8/ Tube	75-2-428 75-2-430 75-2-428 75-2-430	5/ 75-2-426 6/ 75-2-426 7/ 8797834 8/ 8797834	Without Without With With	M151A5 M9	PD	8796862 73-2-312	M6	0.43	71-12-27	M2	8797831	5050	845	7549247	7549248
3	STDA STDB	124	M329A1 M329 M329B1	HE	27.07	8863685 75-1-301	MIL-C-46983 MIL-C-46982	Mortar Cannon M30	8863929 75-14-643A 75-14-643B	TNT	7.80	8863929 75-14-643 75-14-643	Suppl Chg	0.365	8797090	10523981 75-2-453 75-2-453	Steel	Tub/For Tube Forge	10523981 75-2-453A 75-2-453B	8863660 8797834	With	M557 M535 M51A5	PD	8863535 8866760 8796862	M36A1 M36 M36	0.77	8863617 8797836 8797836	M2A2 M2 M2	8882287 8797831	6180	981	7549247	7549248
4	STDA	3381	M335A2	Illum	26.00	8886595	MIL-C-12926	Mortar Cannon M30	8886453	Illum	3.31	8886446	Expel Chg.	.18	8886594	10534155	Steel	Tube	10534155	8863660 8297834	With	M565	MT	10522991	M36A1 M36	0.77	8863617 8797836	M2A2 M2 M2	8882287 8797287	5962	1001	7549247	7549248
5	OBS	37119	M2	Smoke	23.67	75-1-284		Mortar Cannon M30 M2	75-14-630	FS	7.50	75-14-630	10/ Casing Proj Burster M14	0.73	10534914	1/ 75-2-420 2/ 75-2-422 3/ 75-2-443 4/ 75-2-445	Steel	1/ Forge 2/ Tube 3/ Forge 4/ Tube	75-2-421 75-2-423 75-2-421 75-2-423	1/ 75-2-426 2/ 75-2-426 3/ 75-2-534 4/ 75-2-534	-- -- Without Without	M8	PD	73-2-311	M6	0.43	71-12-27	M2	8797831	5050	845	76-1-1189	76-1-1188
6	STDB	37119	M2	Smoke	23.67	75-1-284	MIL-S-13041	Mortar Cannon M30 M2	75-14-630	WP	7.50	75-14-630	10/ Casing Proj Burster M14	0.73	10534914	1/ 75-2-420 2/ 75-2-422 3/ 75-2-443 4/ 75-2-445	Steel	1/ Forge 2/ Tube 3/ Forge 4/ Tube	75-2-421 75-2-423 75-2-421 75-2-423	1/ 75-2-426 2/ 75-2-426 3/ 75-2-534 4/ 75-2-534	Without Without	M8	PD	73-2-311	M6	0.43	71-12-27	M2	8797831	5050	845	76-1-1189	76-1-1188
7	STDA STDB	124	M328A1 M328	Smoke	28.66	8797829	MIL-C-46411	Mortar Cannon M2 M30	8797838 75-14-630	WP	8.14 7.50	8797838	9/ Burster M35 Initiator M13	0.94 Grms	8797832 8797844	10534915 8797841	Steel	Tube/ Forge Tube	8797841 8800090	8863660 8797834	With With	M48A3	PD	7549112 7549112	M36A1 M36	0.77	8863617 8797236	M2A2 M2A1 M2	8882287 7521284 8797831	6180 5931	981 960	7549247	7949248 7549248
8	LP	6481	XM630	Tactical CS	27.07	9220299	MIL-C-60413	Mortar Cannon M30	9220298	CS	3.4	C90-1-75	Expel Chg	0.16	8886594	10543050	Steel	Tube	10534159	8863660	With	M548	MTSQ	10520638	M36A1	0.77	8863617	M2A2	8882287	6180	981	7549247	7549248

1/ M2
2/ M2 (Alt)
3/ M2A1
4/ M2A1 (Alt)
5/ M3
6/ M3 (Alt)
7/ M3A1
8/ M3A1 (Alt)
9/ Comp B Loaded. If manufactured prior to 1966 may be tetrytol loaded
10/ Burster Charge is integral part of M8 Fuze.

PROJECTILE															FUZE			PROPELLING ASSEMBLAGE								PERFORMANCE		PACKING								
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	LOADING ASSEMBLY DWG. NO.	FILLER		COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	PROPELLING CHARGE ASSEMBLY		CARTRIDGE CASE				PROPELLANT		PRIMER		MAX. RANGE (YD)	MV (FPS)	PROPELLING CHG. ASSEMBLY DWG. NO.	PROJECTILE	
										COMPOSITION	WT (LB)	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	DESIGNATION	DWG. NO.			DESIGNATION	NOM. WT. (LB)	DESIGNATION & TYPE	DWG. NO.				INNER PACK DWG. NO.	OUTER PACK DWG. NO.
1	STDA	36841	M358	AP-T	50.02	7548465	OAC-PD-96	Tank Gun M58			Tracer M5A2B1	0.10	8796866	8593352	Steel and Aluminum	Forg	8593350				M6	7548559	M109	7548022	M17	29.0	M67 Perc-Elec	7548520	25,290	3500	7548593	7548595	7548596			
2	STDA	38009	M469	HEAT-T	32		MIL-P-46251	Tank Gun M58	8840529	Comp B	4.5	Tracer Proj M13	0.013	8860550	8595213		8595218	M509A1	PIBD	8799735	M99	8840528	M111	8593161	M6	22	M96 Perc	8837988	25,290	3750	8800073	8800074	8800072			
3	STDA	36841	M356	HE-T	46.96	8822495	MIL-P-46925	Tank Gun M58	8822494	Comp B4	7.94	Tracer M5A3B1	0.10	882253	1052346	Steel	Forg	10523462	M51A5 M557	PD	8796862 8863535	M45	8822490	M109	7548022	M15	12.4	M67 Perc-Elec	7548520	19,910	2500	7548593	7548597	7548596		
4	STDA	37741	M357	Smoke WP-T	50.41	8826688	MIL-S-20601	Tank Gun M58	8826690	WP	7.51	Tracer M5A3B1	0.10	8822553	10523470	Steel	Forg	10523470	M557 M51A5 M48A3	PD	8863535 8796862 8798219	M45	8822490	M109	7548022	M15	12.4	M67 Perc Elec	7548520	19,910	2500	7548593	7548597	7548596		
5	STDA	36841	M359	TP-T	50.93	7548465	OAC-PD-96	Tank Gun M58	7548466			Tracer M5A2B1	0.10	8796866	8593614	Steel	Forg	8593612				M46	7548599	M109	7548022	M17	29.0	M67 Perc-Elec	7548520	25,290	3500	7548593	7548597	7548596		

1/ Suppl chg. removed
2/ With M2A4 Booster Body only

PROJECTILE																	FUZE			PROPELLING ASSEMBLAGE						PERFORM - ANCE		PACKING				
LINE NO.	TYPE CLASSI- FICA- TION	AMCTCM OR OTCM NO.	MODEL DESIG- NATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	FILLING ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIG- NATION	TYPE	DWG. NO.	PROPELLING CHARGE		PROPELLANT			PRIMER	RANGE (YD)	MV (FPS)	PROPELLING CHARGE ASSEMBLY DWG. NO.	PROJEC- TILE DWG. NO.
										COM- POSI- TION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATE- RIAL	MATE- RIAL FORM	DWG. NO.				DESIG- NATION	DWG. NO.	DESIG- NATION	NOM. WT (LB)	DWG. NO.					
1	STDA STDB	37870	M121A1 M121	Agent	99.70	8861029	MIL-P-46412	How M1 M1A1 M45 M126	8861030	GB Non- Pers	6.5	8861030	1/ B'str Proj M71 Comp B-4	2.45	8861032	7548847	Steel	Forg	7548846	M508 4/ M51A1 Prox 1310372	PD	7549041	M3 M4A1	8864405 71-9-180	M1 M1	5 13.5	8864406 75-9-180	10/ 11/ 16/	13/ 13/	13/ 13/	7548187	7549274 7549275
2	STDB	36841	M122	Agent	100.1	9241805	MIL-S-12846	Gun M2 M2A1 M46	--	GB Non- Pers Tet- rytol	6.5	9241805	1/ B'str M37	2.72	73-1-264	75-4-208	Steel	Forg	75-4-206	M508	PD	7549041	M19	71-9-94	M6	31	71-9-94	10/ 11/	NC 18605 SC 25715	NC 2100 SC 2800	7548187	7549274
3	STDB	36841	M104	Agent	94.6	75-14-298	MIL-S-12846	Gun M2 M2A1 M46	--	HD Pers	11.70	75-14-296	2/ B'str M6 Tet- rytol	0.83	9210893	75-4-89	Steel	Forg	75-4-100	M51A4 M51A5 M508 M535 M57 M557	PD	75-2-145 8796862 7549041 8866760 73-2-137 8863535	M19	71-9-94	M6	31	71-9-94	10/ 11/	NC 18605 SC 25715	NC 2100 SC 2800	7548187	7549274
4	STDA	36841	M110	Agent	98.49	75-14-317	MIL-S-12846	How M1 M1A1 M45 M126	--	H HD Pers	11.70 9.7	75-14-317	2/ B'str M6 Tet- rytol	0.83	9210893	75-4-207	Steel	Forg	75-4-100	M51A4 M51A5 M508 M535 M57 M557	PD	73-2-145 8796862 7549041 8866760 73-2-137 8863535	M3 M4A1	8864405 71-9-180	M1 M1	5 13.5	8864406 71-9-180	10/ 11/ 16/	13/ 13/	13/ 13/	7548187	7549274
5	STDA STDB	37870	M121A1 M121	Agent	98.9	8861029	MIL-P-46412	How M1 M1A1 M45 M126	8861031	VX Pers	6.30	8861031	1/ B'str Proj M71 Comp B-4	2.45	8861032	7548847	Steel	Forg	7548846	M508 4/ M51A1 Prox 1310372	PD	7549041	M3 M4A1	8864405 71-9-180	M1 M1	5 13.5	8864406 71-9-180	10/ 11/ 16/	13/ 13/	13/ 13/	7548187	7549274
6	STDB	36841	M101	HE	95.10	75-14-692	MIL-L-0020336 MIL-L-20336	Gun M2 M2A1 M46	--	TNT	14.61	75-14-692	Suppl Cbg	0.365	8797090	75-4-80	Steel	Forg	75-4-80	M51A4 M51A5 M535 M557	PD	5/ 73-2-145 8796862 8866760 8863535	M19	71-9-94	M6	31	71-9-94	10/ 11/	NC 18605 SC 25715	NC 2100 SC 2800	7548187	7549274
7	STDC	36841	M101	HE	95.73	75-14-616	MIL-L-0020336 MIL-L-20336	Gun M2 M2A1 M46	--	TNT	15.48	75-14-616	--	--	--	75-4-80	Steel	Forg	75-4-80	M51A4 M51A5 M535 M557	PD	5/ 73-2-145 8796862 8866760 8863535	M19	71-9-94	M6	31	71-9-94	10/ 11/	NC 18605 SC 25715	NC 2100 SC 2800	7548187	7549274

LINE NO.	PROJECTILE															FUZE			PROPELLING ASSEMBLAGE						PERFORMANCE		PACKING					
	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC NO.	MODEL OF CANNON	FILLING ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	PROPELLING CHARGE		PROPELLANT			PRIMER	MAX. RANGE (YD)	MV (FPS)	PROPELLING CHARGE ASSEMBLY DWG. NO.	PROJECTILE DWG. NO.
										COM-POSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	DESIGNATION	WT (LB)	DWG. NO.					
8	STDC	36841	M107	HE	95.6	9216352	MIL-P-60377	How M126 M1 M1A1 M45 Gun M2 M2A1 M46	9216352-1 9216352-2	Comp B TNT	15.4 14.6	9216352-1 9216352-2	-- -- --	-- -- --	10535925	Steel	Forg	10535927	M51A4 M51A5 M35 M557	PD	5/ 73-2-145 8796862 3/ 8866760 8863535	M3 M4A1 3/ M19	8864405 71-9-180 71-9-94	M1 M1 M6	5 13.5 31	8864406 71-9-180 71-9-94	10/ 11/ 16/	13/ 13/ 13/	13/ 13/ 13/	7548187	7549275	
9	STDA	36841	M107	HE	95.6	9216352	MIL-P-60377	How M1 M1A1 M45 Gun M2 M2A1 M46	9216352-1 9216352-2	Comp B TNT	15.4 14.6	9216352-1 9216352-2	Suppl Chg	0.367	8797090	10535925	Steel	Forg	10535927	M51A4 M51A5 M535 M557	PD	5/ 73-2-145 8796862 3/ 8866760 8863535	M3 M4A1 3/ M19	8864405 71-9-180 71-9-94	M1 M1 M6	5 13.5 31	8864406 71-9-180 71-9-94	10/ 11/ 16/	13/ 13/ 13/	13/ 13/ 13/	7548187	7549275
10	STDB C&T	36841 6558	M118A2 Series M118 M118A1 Series	Illum	102	75-14-480	OAC-PD-140	How M126 M1 M1A1 M45 3/Gun M2 M2A1 M46	75-1-679	Illum	4.30	75-194679	Chgs Ejection 1st	0.118	75-4-201	75-4-120	Steel	Forg Tube (M118-A2B1)	75-4-121	M501 Ser M54	MTSQ TSQ	8797484 73-3-154	M3 M4A1 3/ M19	8864405 71-9-180 71-9-94	M1 M1 M6	5 13.5 31	8864406 71-9-180 71-9-94	10/ 11/ 16/	3/ 14400 14/ 12680	3/ 2000 14/ 1760	7548187	7549274
11	STDB OBS	36841 6558	M116 (HC & Rem Clrs) M116 (Violet only)	Smk	94.80 (HC) 86.23 (Clrd)	8885162		How M1 M1A1 M45 3/Gun M2 M2A1 M46 M126	C15-11-33 (HC) C15-11-65 (Clrd)	HC Clrd	25.84 17.19	C15-11-33 (HC) C15-11-65 (Clrd)	Expel Chg Assy	0.29	9207695	10534904	Steel	Forg	10534905	M501 Ser M54	MTSQ TSQ	8797484 73-3-154	M3 M4A1 3/ M19	8864405 71-9-180 71-9-94	M1 M1 M6	5 13.5 31	8864406 71-9-180 71-9-94	10/ 11/ 16/	13/ 13/ 13/	14/ 14/ 14/	7548187	7549274
12	STDB	36841	M104	Smk	99.02	75-14-296	MIL-S-12846	Gun M2 M2A1 M46	--	WP	15.60	75-14-296	2/ B'str M6 Tet-rytol	0.83	9210893	75-4-89	Steel	Forg	75-20-80	M51A4 M51A5 M508 Ser M535 M57 M557	PD	73-2-145 8796862 7549041 8866760 73-2-137 8863535	M19	71-9-94	M6	31	71-9-94	10/ 11/	NC 18605 SC 25715	NC 2100 SC 2800	7548187	7549274
13	OBS	6558	M105	Smk	98.2	75-14-293	MIL-S-12846	How M1 M1A1 M45 M126	--	WP	15.60	75-14-293	2/ B'str M6 Tet-rytol	0.83	9210893	75-4-90	Steel	Forg	75-20-80	M51A4 M51A5 M535	PD	73-2-145 8796862 8866760	M3	8864405	M1	5	8864406	10/ 11/	15/	15/	7548187	7549274

PROJECTILE																		FUZE			PROPELLING ASSEMBLAGE							PERFORMANCE		PACKING		
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	FILLING ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	PROPELLING CHARGE		PROPELLANT					PRIMER	MAX. RANGE (YD)	MV (FPS)
										COM-POSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	DESIGNATION	DWG. NO.	NOM. WT. (LB)	DWG. NO.				
14	STDA	36841	M110 9/ M110	Smk	98.49	75-14-317 9217030 9/ 9210424	MIL-S-12846 9/ PA-PD-2744	How M1 M1A1 M45 Gun M2 M2A1 M46 M126	75-14-296	WP WP	15.60 15.06	75-14-317 9217030 75-14-296	2/ B'str M6 Tet- rytol	0.83	9210893	75-4-207 9/ 75-4-89	Steel	Forg	75-4-100 9/ 75-4-80	M51A4 M51A5 M508 Ser M535 M57 M557 M67	PD MT	73-2-145 8796862 7549041 8866760 73-2-137 8863535 73-7-97	M3 M4A1 3/ M19	8864405 71-9-180 71-9-94	M1 M1 M6	5 13.5 31	8864406 71-9-180 71-9-94	10/ 11/ 16/	13/ 13/	13/ 13/	7548187	7549274 7549275
15	STDA	36841	M7	Dummy	95.	72-1-69	--	How M126 M1 M1A1 M45 Gun M2 M2A1 M46	--	--	--	--	--	--	--	Steel	Cast	72-1-70	--	--	--	Dummy M2 Dummy M100	72-2-54 72-2-28	--	7.37 32.20	--	12/	--	--	--	76-3-9	
16	OBS	37119	MK1	Dummy	95	72-1-28	--	How M126 M1 M1A1 M45	--	--	--	--	--	--	--	Iron	Cast	72-1-28	1907M	Inert	73-3-47	Dummy M2	72-2-54	--	7.37	--	12/	--	--	--	76-3-9	
17	STDC	37017	6/ M107B2 17/	HE	95.6	9210072	PA-PD-2742	How M1 M1A1 M45 Gun M2 M2A1 M46	74-14-692 75-1-4616	TNT	14.61 15.48	7/ 75-14-692 8/ 75-14-616	Suppl Chg	0.367	8797090	75-4-80	Steel	Forg	75-4-80	M51A4 M51A5 M535 M557	PD	5/ 73-2-145 8796862 8866760 8863535	M3 M4A1 3/ M19	8864405 71-9-180 71-9-94	M1 M1 M6	5 13.5 31	8864406 71-9-180 71-9-94	10/ 11/ 16/	13/ 13/	13/ 13/	7548187	7549274
18	STDA STDB C&T	7468	M485A2 M485A1 M485	Illum	92.	9214150	PA-PD-2823	How M1 M1A1 M45 M126	9213758	Illum	5.8	9213716	Exp Chg 1st Id Exp Chg 2nd Id Chg Eject 1st Fire	.22 .17 2.	9213716	9214142	Steel	Forg	9214143	M565	MT	10522991	M3 M3A1 M4A1 M4A2	8864405 8887277 71-9-180 9207624	M1 M1 M1 M1	5 5 13.5 13.5	8864406 8887277 71-9-180 9207624	M82	15,400	1850	7548187	7549275

1/ Case, Projectile, Burster, M15, Dwg. 10521645 is used

2/ Casing, Burster, M1, Dwg. 73-1-168 is used.

3/ Authorized for use with gun with normal charge only.

4/ Supplementary Charge removed.

5/ The following fuzes may be used:

MISQ, M500 Ser, Dwg. 8796864 MT, M67, Dwg 8785293

MISQ, M520 Ser, Dwg. 8594044 TSQ, M55A3, Dwg. 73-3-155

MISQ, M564, Dwg. 10534328 Prox, M514A1, Dwg. 1310372

(Suppl. Chg must be removed)

6/ Conversion of Projectile 155 MM, HE, M101. Gun.

7/ With supplementary charge.

8/ Without supplementary charge.

9/ Conversion of Projectile 155MM, Smoke, WP, M104, Gun.

10/ Primer, Percussion, MK 2A4, Dwg. 8840362, for How M1 & M1A1 and Gun M2 & M2A1.

11/ Primer, Percussion-Electric, MK 15 Mod 1, Dwg. 74-8-5, and Primer, Electric,

MK 34 Mod O, Dwg. 439166, for How M45 and Gun M46.

12/ Primer, Percussion (Inert), MK 2A4, Dwg. 8840362.

13/

Max. Range Yards Zone 5 10820 Zone 7 15958

Muzzle Velocity, FPS 1230 1840

14/ Fired from howitzer

15/ Base Charge 1 plus Increments 2, 3, 4 & 5: Max. Range 10820 yards;

Muzzle Velocity 1230 FPS.

16/ Primer, Percussion, M82 Dwg. 8861197, is used with ammunition when fired

from Howitzer, SP, M109.

17/ Projectile, 155MM: HE, M107 B2 w/o Fuze

for How M1, M1A1, M46.

Obsolete for U. S. Army use.

Std A for U. S. Marine Corps use. AMCTC 6558

M3 Charge, Zones 1-5; M4A1 Charge, Zones 3-7. Flash Reducer M2 used with M4A1 Propelling Charge for night firing

Flash Reducer M1 used with M19 Propelling Charge.

CARTRIDGE									PROJECTILE									FUZE			PROPELLING ASSEMBLAGE									PERFORM- ANCE		PACKING		
LINE NO.	TYPE CLASSI- FICA- TION	AMCTCM OR OTCM NO.	MODEL DESIGNA- TION	TYPE	WT (LB)	ASSEMBLY DWG.NO.	SPEC.NO.	MODEL OF CANNON	PROJEC- TILE ASSEMBLY DWG.NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG.NO.	BODY			DESIGNA- TION	TYPE	DWG.NO.	CARTRIDGE CASE		PROPELLANT			PRIMER						
										COM- POSI- TION	WT (LB)	DWG.NO.	KIND	WT (LB)	DWG.NO.		MATE- RIAL	MATE- RIAL FORM	DWG.NO.				DESIGNA- TION	DWG.NO.	COM- POSI- TION	NOM. WT. (LB)	DWG.NO.	DESIG- NATION	TYPE	DWG.NO.	MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG.NO.	OUTER PACK DWG.NO.
1	STDA STDB	4266	M123A1 M123	HEP	67.60	8845042	MIL-C-45467	Gun M135	8845043	Comp A-3 RDX Comp	16 20	8845043	—	—	—	8845046	Steel	Plate	8845046	M62A2	BD	8886414	1/ M104	8845066	2/ M2	2.12	8845054	M73	Elec	8840278	3/	3/	8796483	8796482

1/ Handle Assembly, Dwg. 8845053, to Cartridge Case
2/ Also Charge, Ignition Supplementary, Black Powder 220 grains, Dwg. 8845064
3/ Information classified.

PROJECTILE																	FUZE			PROPELLING ASSEMBLAGE								PERFORMANCE		PACKING				
LINE NO.	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	LOADING ASSEMBLY DWG. NO.	FILLER			COMPONENTS			METAL PARTS ASSEMBLY DWG. NO.	BODY			DESIGNATION	TYPE	DWG. NO.	PROPELLING CHARGE ASSEMBLY		CARTRIDGE CASE		PROPELLANT		PRIMER		MAX. RANGE (YD)	MV (FPS)	INNER PACK DWG. NO.	OUTER PACK DWG. NO.
										COM-POSITION	WT (LB)	DWG. NO.	KIND	WT (LB)	DWG. NO.		MATERIAL	MATERIAL FORM	DWG. NO.				DESIGNATION	DWG. NO.	DESIGNATION	DWG. NO.	DESIGNATION	NOM. WT. (LB)	DESIGNATION AND TYPE	DWG. NO.				
1	STDA STDB	3089	M437A2 M437A1	HE	147.0	8837902	MIL-P-45455	Gun M113	--	Comp B TNT	31	8837902	1/ Suppl Chg	0.365	8797090	10520193	Steel	Forg	10520195	1/ M572 or M514A1*	PD Prox	880696 1310372	M86A1	8837905	--	--	M6	55	M82	8861197	3/	3000	--	8857344
2	STDA	2819	M548	Dummy	148.7	XP115656	PA-PD-2526	Gun M113	--	--	--	--	Suppl Chg	--	XP107246	XP115656	Steel	--	XP115658	M73	Dummy	8796863	M98	9205873	--	--	--	55	2/	--	--	--	8857344	

1/ For M437A2 and M437A1
2/ A fired service primer is used.
3/ 35740

* w/suppl chg removed.

CARTRIDGE								PROJECTILE					FUZE			PROPELLING ASSEMBLAGE							PERFORMANCE		PACKING		WEAPON				
-	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	CALIBER	MODEL DESIGNATION	TYPE	WT (LB)	ASSEMBLY DWG. NO.	LOADING		METAL PARTS	BODY		DESIGNATION	TYPE	DWG. NO.	CARTRIDGE CASE		PROPELLANT		PRIMER					INNER PACK DWG. NO.	OUTER PACK DWG. NO.	SUBCALIBER ASSEMBLAGE		PARENT GUN CAL. & TYPE DESIGNATION		
								ASSEMBLY DWG. NO.	FILLER COMPOSITION	WT (LB)	ASSEMBLY DWG. NO.	MATERIAL				MATERIAL FORM	DESIGNATION	DWG. NO.	DESIGNATION	NOM. WT (LB)	DESIGNATION	TYPE	DWG. NO.	GUN CAL. & TYPE DESIGN.			GUN MOUNT	MOUNT DESIG.			
1	STDA	37119	37MM	M63 MOD1	TP	2.01	8831141	8831142	BP	.91	8597556	Steel	Bar or Forg	M58	BD Practice	8831146	MK1A2 MK1A2B1	8596159	M2	0.56	M23A2	Perc	8831161	4980	1100	8833505	76-1-1263	37MM Gun M12	Ext		75MM How M1A1, M2 LVT (A)4 & LVT (A)5
2	STDA	36841																									37MM Gun M13	Int		105MM How M2A1, M2 Ser, M4 Ser	
3	STDC	37119																									37MM Gun M14	Int		90MM Gun M1, M1A1 M3	
4	STDA	36841																									37MM Gun M15	Int		76MM Gun M1A2, M1A1C, M4 on 76MM SP	
5	STDA	36841																									37MM Gun M1916	Ext	M5	75MM Pack How M1 LVT (A)4 & LVT (A)5	
6	STDA	37198																									37MM Gun M1916	Ext	M10	155MM Gun M2 & 8-Inch How M1	
7	STDA	36841																									37MM Gun M1916	Ext	M13A1	155MM Gun M2 & 155MM How M1, M1A1, M1A2	
8	C & T	37119	60MM	M49A2	HE	3.07	75-1-82	75-14-257	Flske TNT	0.34	75-2-288	Steel	Forg	M52A1	PD	73-1-161	--	--	M3A1	0.021	M32	Perc	8880637	1978	Chg 4 518	7549170	876472	60MM Mort M31	Int		4.2 Inch Mort M30
9	OBS	37344	60MM	M50A2	TP	3.09	75-1-83	75-14-238	1/	0.29	75-2-288	Steel	Forg	M52A1	PD	73-1-161	--	--	M2	0.021	M32	Perc	8880637	1978	Chg 4 518	7549170	8796472				
10	C & T	37119	60MM	M69	Tng.	3.95	9222944	--	--	--	9222944	Iron	Cast	--	--	--	--	--	--	--	--	--	235	152.5	--	791562					
11	STDC	37567	75MM	M48	HE	18.30	75-1-183	75-14-445	TNT	1.49	75-2-269	Steel	Forg	M51A5	PD	8796862	M5A1	71-2-91	M1	1.06	M64 M1 Ser	Perc	8839461	9620	1250	75-1-603	76-1-662				
12	STDC	37567	75MM	M48	HE	18.22	75-1-206	75-14-445	TNT	1.49	75-2-269	Steel	Forg	M500A1	MTSQ	8796864	M5A1	71-2-91	M1	0.95	M64 M1 Ser	Perc	8839461	9620	1250	76-1-1124	76-1-1231				
13	STDC	37567	75MM	M48	HE	16.57	75-1-247	75-1-4445	TNT	1.4	75-2-269	Steel	Forg	M513 2/	Prox	1310500	M5A1	71-2-91	M1	1.06	M64 M1 Ser	Perc	8839461	9620	1250	76-1-1124	76-1-1231				
14	OBS	37344	75MM	M64	Smk	19.00	75-1-114	75-1-4276	WP	1.34	75-2-294	Steel	Forg	M48A3	PD	8798219	M5A1	71-2-91	M1	1.06	M1B1A2	Perc	8839474	9620	1250	76-1-1124	76-1-1231				

1/ Inert Cast Filler C.
2/ Closing plug and supplementary charge is removed

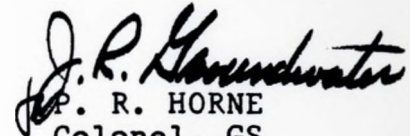
CARTRIDGE										COMPONENT PARTS								PACKING		
	TYPE CLASSIFICATION	AMCTCM OR OTCM NO.	CALIBER	DESIGNATION	WT (LB)	ASSEMBLY DWG. NO.	SPEC. NO.	MODEL OF CANNON	CARTRIDGE CASE		CHARGE			PRIMER			CLOSING CUP		INNER PACK DWG. NO.	OUTER PACK DWG. NO.
									DESIGNATION	DWG. NO.	COMPOSITION	WT (LB)	TYPE LOADING	DESIGNATION	TYPE	DWG. NO.	MATERIAL	DWG. NO.		
1	STDA	4371	75MM	M337A2	3.25	7549273	MIL-C-45459	Gun - M3, M5 How - M1A1, M1A1C	M9A1 M9A1E2	8861524 10521899	Blk. Pwd. Pot. Nit.	1.00	Loose	M1B1A2 M1A2	Perc	8839474 8839453	Plastic	7549272	7549269	7549268
2	OBS	36841	75MM		3.07	75-1-67	MIL-A-20337	Gun - M3 How - M1A1, M1A1C	M9A1	8861524	Blk. Pwd. Sod. Nit.	0.87	Double Pellet	M1B1A2 M1A2	Perc	8839474 8839453	Paper-board	7549253	7549269	7549150
3	OBS	36841	75MM		2.68	75-1-107	MIL-A-20337	Gun - M3 How - M1A1, M1A1C	M9A1	8861524	Blk. Pwd. Sod. Nit.	0.43	Single Pellet	M1B1A2 M1A2	Perc	8839474 8839453	Paper-board	7549253	7549269	7549268
4	STDB	37119	76MM	M351	4.0	75-1-212	MIL-A-20337	How - M1A1, M1A1C	M29	71-2-133	Blk. Pwd. Sod. Nit.	0.42	Loose	M1B1A2	Perc	8839474	Paper-board	7549253	7549269	76-1-528
5	STDA	36841	76MM	M355	4.33	7549267	MIL-A-20337	Gun - M32, M48	M10B1 M10	7548121 71-2-196	Blk. Pwd.	1.25	Bag	M70	Perc	8838131	Paper-board	7549266	7548523	7548524
6	STDA	36841	90MM	M394	8.23	7549210	MIL-C-45490	Gun - M36, M41, M54	M27 M27B1	8857214	Blk. Pwd. Pot. Nit.	1.75	Loose	M1A2 M1B1A2	Perc	8839453 8839474	Plastic	7549212	7549250	7549249
7	STDA	36841	105MM	M395	6.24	7549251	MIL-C-46229	How - M2A1, M2A2 M4, M4A1, M49	M15 M15B1	8845003	Blk. Pwd.	1.7	Loose	M1A2 M1B1A2	Perc	8839453 8839474	Plastic	7549253	7549255	7549255

AMCP 700-3-3

(AMCMA-WM)

FOR THE COMMANDER:

OFFICIAL:


P. R. HORNE
Colonel, GS
Chief, HQ Admin Mgt Ofc

DISTRIBUTION:

AMCMA, AMCRP,
AMCRD, and AMCQA
B

CHARLES T. HORNER, JR.
Major General, USA
Chief of Staff