

MILTRA engineering

Military and Counter-Terrorist Training Aids

POINT OF CONTACT: syme@miltra.com

PRODUCT: LANDMINE DATA SHEETS

PART NUMBER: TAMMS-LTDS1/3

INTRODUCED: June 2000

VERIFIED: June 2009

Technical data sheets supplied in various formats:

UK size A3 297 x 420 mms - US size 11.7 x 16.5 inches

UK size A4 210 x 297 mms - US size 8.3 x 11.7 inches

Each sheet is printed in colour and inserted into a clear plastic wallet and inserted into a ring binder book. Individual sheets can be removed and replaced.

UK size A3 297 x 420 mms - US size 11.7 x 16.5 inches

Black and white printed sheets presented in a spiral bound book

Each sheet provides technical data on the background information, and method of operation on each of the relevant munitions, with colour illustrations, many including cross-sections.

TAMMS-LTDS1	A3 COLOUR IN RING BINDER BOOK	81 sheets
TAMMS-LTDS2	A4 COLOUR IN RING BINDER BOOK	81 sheets
TAMMS-LTDS3	A4 B/WHITE SPIRAL BOUND BOOK	81 sheets

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CURRENT DATA SHEET LISTING:

A/PERSONNEL -	PSM-1 A/P MINE - BOUNDING.....	BULGARIA.....	SDD-P-M-078
A/PERSONNEL -	TYPE 69 - BOUNDING.....	CHINA.....	SDD-P-M-080
A/PERSONNEL -	TYPE 72 A/P MINE - PRESSURE.....	CHINA.....	SDD-P-M-034
A/PERSONNEL -	PP Mi-Sr A/P MINE - BOUNDING.....	FORMER CZECHOSLOVAKIA.....	SDD-P-M-061
A/PERSONNEL -	WW2 S. MINE 35 - BOUNDING.....	GERMANY.....	SDD-P-M-081
A/PERSONNEL -	SB-33 A/P MINE - PRESSURE.....	ITALY.....	SDD-P-M-066
A/PERSONNEL -	AUPS & VAR-40 - PRESSURE.....	ITALY.....	SDD-P-M-092
A/PERSONNEL -	ALMARA 69 A/P MINE - BOUNDING.....	ITALY.....	SDD-P-M-064
A/PERSONNEL -	VS-50 A/P MINE - PRESSURE.....	ITALY.....	SDD-P-M-067
A/PERSONNEL -	MON-50 & MON-90 A/P MINES - DIRECTIONAL.....	RUSSIA.....	SDD-P-M-043
A/PERSONNEL -	MON-100 & MON-200 A/P MINES - DIRECTIONAL.....	RUSSIA.....	SDD-P-M-044
A/PERSONNEL -	OZM-3 & OZM-4 A/P MINES - BOUNDING.....	RUSSIA.....	SDD-P-M-056
A/PERSONNEL -	OZM-72 A/P MINE - BOUNDING.....	RUSSIA.....	SDD-P-M-042
A/PERSONNEL -	PFM-1 & PFM-1S A/P MINES - SCATTERABLE.....	RUSSIA.....	SDD-P-M-045
A/PERSONNEL -	POM-2S A/P MINE - SCATTERABLE.....	RUSSIA.....	SDD-P-M-057
A/PERSONNEL -	PMD-6M A/P MINE - PRESSURE.....	RUSSIA.....	SDD-P-M-063
A/PERSONNEL -	PMN & MS-3 A/P MINES - GROUNDBLAST.....	RUSSIA.....	SDD-P-M-038
A/PERSONNEL -	PMN-2 A/P MINE - GROUNDBLAST.....	RUSSIA.....	SDD-P-M-039
A/PERSONNEL -	POMZ-2M A/P MINE - STAKE.....	RUSSIA.....	SDD-P-M-036
A/PERSONNEL -	SHRAPNEL MINE Mk 2 - BOUNDING.....	UNITED KINGDOM.....	SDD-P-M-082
A/PERSONNEL -	M14 A/P MINE - PRESSURE.....	USA.....	SDD-P-M-077
A/PERSONNEL -	M18A1 A/P MINE - DIRECTIONAL.....	USA.....	SDD-P-M-072
A/PERSONNEL -	MBV-78A1, MBV-78A2, NO-MZ2B A/P MINES - STAKE.....	VIETNAM.....	SDD-P-M-076
A/PERSONNEL -	MN-79 & MD-82B A/P MINES - PRESSURE.....	VIETNAM.....	SDD-P-M-079
A/PERSONNEL -	P-40 A/P MINE - STAKE.....	VIETNAM.....	SDD-P-M-065
A/PERSONNEL -	MRUD A/P MINE - DIRECTIONAL.....	FORMER YUGOSLAVIA.....	SDD-P-M-014
A/PERSONNEL -	NEW A/P STAKE MINES.....	FORMER YUGOSLAVIA.....	SDD-P-M-075
A/PERSONNEL -	PMA-1 A/P MINE - PRESSURE.....	FORMER YUGOSLAVIA.....	SDD-P-M-015
A/PERSONNEL -	PMA-2 A/P MINE - BROUNDBLAST.....	FORMER YUGOSLAVIA.....	SDD-P-M-016
A/PERSONNEL -	PMA-3A/P MINE - GROUNDBLAST.....	FORMER YUGOSLAVIA.....	SDD-P-M-017
A/PERSONNEL -	PMR-1 A/P MINE - STAKE.....	FORMER YUGOSLAVIA.....	SDD-P-M-010
A/PERSONNEL -	PMR-2 A/P MINE - STAKE.....	FORMER YUGOSLAVIA.....	SDD-P-M-011
A/PERSONNEL -	PMR-3 A/P MINE - STAKE.....	FORMER YUGOSLAVIA.....	SDD-P-M-012
A/PERSONNEL -	PROM A/P MINE - BOUNDING.....	FORMER YUGOSLAVIA.....	SDD-P-M-013
A/PERSONNEL -	TM-100/200/500 DEMOLITION CHARGES.....	FORMER YUGOSLAVIA.....	SDD-P-M-019
A/TANK -	FMK-1 & FMK-3 A/T MINES.....	ARGENTINA.....	SDD-P-M-083
A/TANK -	PRB-M3 A/T MINE.....	BELGIUM.....	SDD-P-M-084
A/TANK -	TYPE 72 A/T MINE.....	CHINA.....	SDD-P-M-027
A/TANK -	PT-Mi-Ba-II A/T MINE.....	FORMER CZECHOSLOVAKIA.....	SDD-P-M-085
A/TANK -	PT-Mi-Ba-III A/T MINE.....	FORMER CZECHOSLOVAKIA.....	SDD-P-M-055
A/TANK -	Copy of SACI 54/7 A/T MINE.....	EGYPT.....	SDD-P-M-086
A/TANK -	PM-60 (K-1) A/T MINE.....	FORMER EAST GERMANY.....	SDD-P-M-087
A/TANK -	WW2 AXIS BARMINES.....	GERMANY/ITALY.....	SDD-P-M-088
A/TANK -	WW2 TELLERMINE 35 & 42 A/T MINES.....	GERMANY.....	SDD-P-M-093
A/TANK -	WW2 TELLERMINE 43 & TOPFMINE A/T MINES.....	GERMANY.....	SDD-P-M-094
A/TANK -	SB-81 A/T MINE.....	ITALY.....	SDD-P-M-095
A/TANK -	TC/3.6 & TC/6 A/T MINES.....	ITALY.....	SDD-P-M-073
A/TANK -	MAT-76 A/T MINE.....	ROMANIA.....	SDD-P-M-028
A/TANK -	MZU A/V MINE.....	RUSSIA.....	SDD-P-M-099
A/TANK -	PTM-1S & PTM-3 A/V MINES.....	RUSSIA.....	SDD-P-M-060
A/TANK -	TMD-B A/T MINE.....	RUSSIA.....	SDD-P-M-062
A/TANK -	TM-46 & TMN-46 A/T MINES.....	RUSSIA.....	SDD-P-M-058
A/TANK -	TM-57 A/T MINE.....	RUSSIA.....	SDD-P-M-069
A/TANK -	TM-62B A/T MINE.....	RUSSIA.....	SDD-P-M-089
A/TANK -	TM-62D A/T MINE.....	RUSSIA.....	SDD-P-M-097
A/TANK -	TM-62M METAL A/T MINE.....	RUSSIA.....	SDD-P-M-059
A/TANK -	TM-62P A/T MINE.....	RUSSIA.....	SDD-P-M-096
A/TANK -	TM-62P2 & TM-62P3 A/T MINES.....	RUSSIA.....	SDD-P-M-070
A/TANK -	TM-62 VARIANTS & 'LOOK ALIKES'.....	RUSSIA.....	SDD-P-M-050
A/TANK -	TM-62T A/T MINES.....	RUSSIA.....	SDD-P-M-098
A/TANK -	TM-72 & TM-89 A/T MINES.....	RUSSIA.....	SDD-P-M-090
A/TANK -	TM-83 A/T MINE.....	RUSSIA.....	SDD-P-M-091
A/TANK -	TMM A/T MINE.....	FORMER YUGOSLAVIA.....	SDD-P-M-020
A/TANK -	TMA-1 A/T MINE.....	FORMER YUGOSLAVIA.....	SDD-P-M-021
A/TANK -	TMA-2 A/T MINE.....	FORMER YUGOSLAVIA.....	SDD-P-M-022
A/TANK -	TMA-3 A/T MINE.....	FORMER YUGOSLAVIA.....	SDD-P-M-023
A/TANK -	TMA-4 A/T MINE.....	FORMER YUGOSLAVIA.....	SDD-P-M-024
A/TANK -	TMA-5 A/T MINE.....	FORMER YUGOSLAVIA.....	SDD-P-M-025
A/TANK -	TMRP-6 A/T MINE.....	FORMER YUGOSLAVIA.....	SDD-P-M-026
INITIATOR -	RUSSIAN A/P MINE & ANTI-LIFT FUZES.....	RUSSIA.....	SDD-P-M-035
INITIATOR -	MVE-72 ELECTROMECHANICAL MINE FUZE.....	RUSSIA.....	SDD-P-M-100
INITIATOR -	VP-13 SEISMIC CONTROL SYSTEM.....	RUSSIA.....	SDD-P-M-018
INITIATOR -	VZD-6Ch & VZD-3M TIMERS.....	RUSSIA.....	SDD-P-M-074
INITIATOR -	FORMER YUGOSLAVIA SPECIAL ELECTRONIC FUZES.....	FORMER YUGOSLAVIA.....	SDD-P-M-101
INITIATOR -	SU-24/M69 TIMER.....	FORMER YUGOSLAVIA.....	SDD-P-M-033
INITIATOR -	UDOGd-1 FUZE.....	FORMER YUGOSLAVIA.....	SDD-P-M-032
INITIATOR -	UMNOP-1 FUZE.....	FORMER YUGOSLAVIA.....	SDD-P-M-031
INITIATOR -	UMNP-1 FUZE.....	FORMER YUGOSLAVIA.....	SDD-P-M-071
INITIATOR -	UMOP-1 FUZE.....	FORMER YUGOSLAVIA.....	SDD-P-M-030
INITIATOR -	UMP-1 FUZE.....	FORMER YUGOSLAVIA.....	SDD-P-M-029
INITIATOR -	UMP-2 FUZE.....	FORMER YUGOSLAVIA.....	SDD-P-M-068

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POINT OF CONTACT: syme@miltra.com

PRODUCT: SUBMUNITIONS DATA SHEETS **PART NUMBER:** TAMMS-LTDS4/5

INTRODUCED: June 2000

VERIFIED: June 2009

Technical data sheets supplied in various formats:

UK size A3 297 x 420 mms - US size 11.7 x 16.5 inches

UK size A4 210 x 297 mms - US size 8.3 x 11.7 inches

Each sheet is printed in colour and inserted into a clear plastic wallet and inserted into a ring binder book. Individual sheets can be removed and replaced.

Each sheet provides technical data on the background information, and method of operation on each of the relevant munitions, with colour illustrations, many including cross-sections.

TAMMS-LTDS4	A3 COLOUR IN RING BINDER BOOK	30 sheets
TAMMS-LTDS5	A4 COLOUR IN RING BINDER BOOK	30 sheets

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PRODUCT: SUBMUNITIONS DATA SHEETS **PART NUMBER:** TAMMS-LTDS4/5

INTRODUCED: June 2000

VERIFIED: June 2009

Current data sheet listing:

GR-66-EG HE/FRAG BOMBLET	FRANCE	SDD-P-SUB-130
9N 235 FRAG/HE AP/AM BOMBLET	RUSSIA	SDD-P-SUB-123
AO-1 Sch FRAG/HE BOMBLET	RUSSIA	SDD-P-SUB-126
AO-2,5, AO-2,5M FRAG/HE BOMBLETS	RUSSIA	SDD-P-SUB-131
AO-2,5RT, AOB-2,5RT FRAG/HE BOMBLETS	RUSSIA	SDD-P-SUB-105
AO-6,5 FRAG/HE BOMBLET	RUSSIA	SDD-P-SUB-132
POM-1S SCATTERABLE A/P MINE	RUSSIA	SDD-P-SUB-122
POM-2S SCATTERABLE A/P MINE	RUSSIA	SDD-P-SUB-133
PFM-1 SCATTERABLE A/P MINE	RUSSIA	SDD-P-SUB-134
PROSAB FRAGMENTATION BOMBLET	RUSSIA	SDD-P-SUB-152
PTAB-1M A/T BOMBLET	RUSSIA	SDD-P-SUB-135
PTAB-1,5 A/T BOMBLET	RUSSIA	SDD-P-SUB-136
PTAB-2,5 A/T BOMBLET	RUSSIA	SDD-P-SUB-137
PTAB-2,5M A/T BOMBLET	RUSSIA	SDD-P-SUB-138
PTAB-2,5KO A/T BOMBLET	RUSSIA	SDD-P-SUB-109
PTM-1 A/V SUBMUNITION	RUSSIA	SDD-P-SUB-149
PTM-3 A/T SUBMUNITION	RUSSIA	SDD-P-SUB-150
ZAB 2.5M INCENDIARY BOMBLET	RUSSIA	SDD-P-SUB-151
BL-755 No 1 Mk1 SUB-MUNITION	UK	SDD-P-SUB-140
AP-BALL SUB-MUNITIONS	VARIOUS	SDD-P-SUB-141
BLU-3/B HE/FRAG BOMBLET	USA	SDD-P-SUB-120
BLU-24/B, BLU-24B/B, BLU-66/B HE/FRAG BOMBLETS	USA	SDD-P-SUB-119
BLU-43/B 'DRAGONS TOOTH' MINE UNIT	USA	SDD-P-SUB-143
BLU-77/B HE/FRAG BOMBLET	USA	SDD-P-SUB-144
BLU-91/B & BLU-92/B 'GATOR' MINES	USA	SDD-P-SUB-145
BLU-97B FRAG/HEAT SUB-MUNITION	USA	SDD-P-SUB-118
M42, M46, M77 DUAL PURPOSE GRENADE SUB-MUNITIONS	USA	SDD-P-SUB-146
MK-118 A/T 'ROCKEYE' BOMBLET	USA	SDD-P-SUB-147
ABABEEL (YU-S-AT) SCATTERABLE A/T MINE	FORYUG	SDD-P-SUB-121
KB-1, KB-2 DUAL PURPOSE GRENADE SUB-MUNITIONS	FORYUG	SDD-P-SUB-148

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POINT OF CONTACT: syme@miltra.com

PRODUCT: IEDD DATA SHEETS

PART NUMBER: TAMMS-LTDS6

INTRODUCED: June 2009

VERIFIED: June 2009

New in June 2009

Technical data sheets supplied as:

UK size A3 297 x 420 mms - US size 11.7 x 16.5 inches

Each sheet is printed in colour and laminated.

Other sizes available on request.

The collection of data sheets covers a range of IED's and constituent elements of the types of materials encountered in the Iraq/Afghanistan environment.

1: EFP-1 Explosively formed penetrators	A3 colour - laminated
2: EFP-2 Explosively formed penetrators	A3 colour - laminated
3: EXPLOSIVES-1	A3 colour - laminated
4: EXPLOSIVES-2	A3 colour - laminated
5: INITIATORS-1	A3 colour - laminated
6: INITIATORS-2	A3 colour - laminated
7: MILITARY WEAPONS -1	A3 colour - laminated
8: MILITARY WEAPONS -2	A3 colour - laminated
9: MILITARY WEAPONS -3	A3 colour - laminated
10: SUICIDE VEST	A3 colour - laminated