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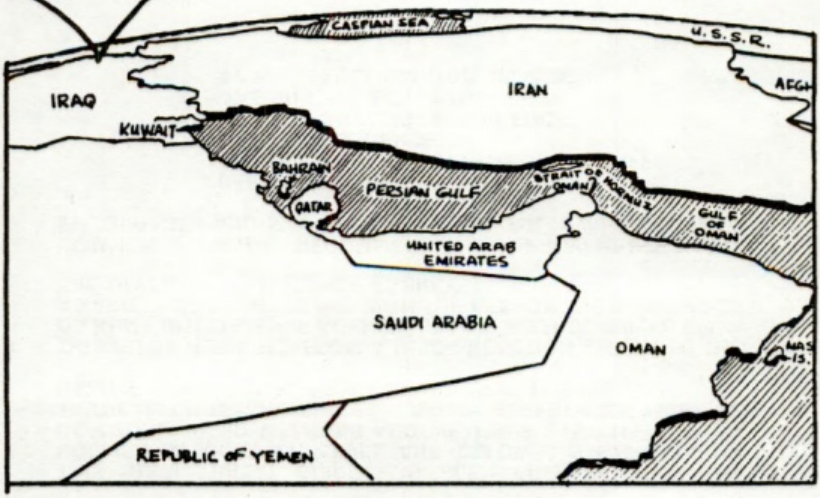

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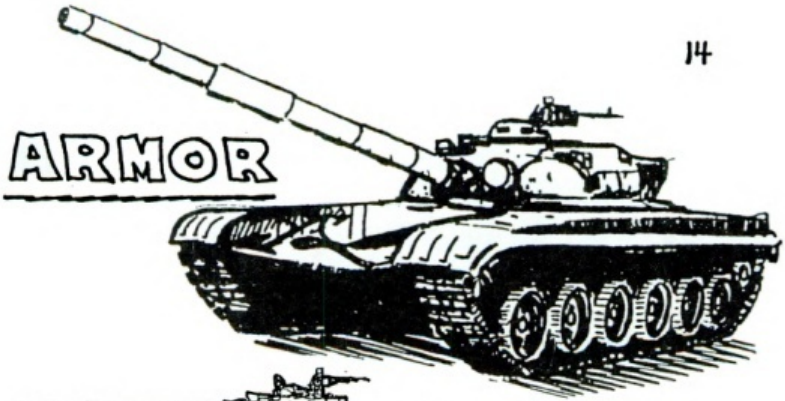
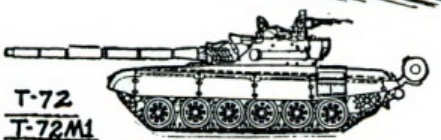
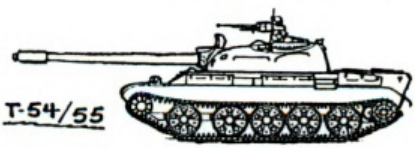
ARMOR





T-72
T-72M1

SPEED: 80 KM/H CREW: 3
WEAPONRY: 125 MM GUN (RANGE 2000 M)/7.62 MM MG (1000 M)/
12.7 MM AA MG (1500 M GND/1000 M AIR)
AMMO: HEAT-FS/HE-FRAG/APFSDS-T
RATE OF FIRE: 8 RDS/MIN
REMARKS: NBC SYSTEM/INFRARED/LASER RANGEFINDER
T-72M1 HAS PASSIVE NIGHT VISION



T-54/55

SPEED: 50 KM/H CREW: 4
WEAPONRY: 100 MM GUN (RANGE 1500 M)/7.62 MM MG (1000 M)/
12.7 MM AA MG (1500 M GND/1000 M AIR)
AMMO: HE-FRAG/HEAT/HVAP-T/APC-T/AP-T
RATE OF FIRE: 5-7 RDS/MIN
REMARKS: TELESCOPIC SIGHT/NIGHT VISION

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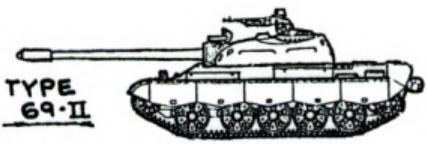


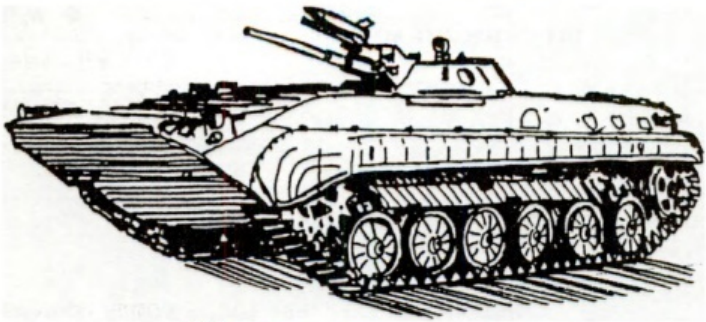
TYPE 69-II

SPEED: 50 KM/H CREW: 4
WEAPONRY: 100 MM GUN (RANGE 1500 M)/7.62 MM MG (1000 M)/
12.7 MM AA MG (1500 M GND/1000 M AIR)
AMMO: HEAT/HE/APHE/HVAPDS
REMARKS: INFRA-RED/LASER RANGE FINDER/NBC SYSTEM

CHIEFTAIN

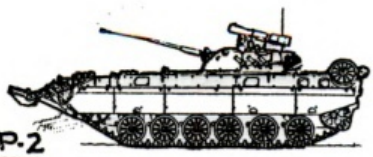
SPEED: 48 KM/HR
RANGE: MOVING TARGET - 2000 M
STATIONARY - 3000 M
WEAPONRY: 120 MM GUN/7.62 MM MG
AMMO: HE, ARMOR, SMOKE & WP
CREW: 4
RATE OF FIRE: 6 - 10 RDS/MIN
REMARKS: SMOKE DISCHARGERS
LASER RANGEFINDER

INF FIGHTING VEHICLES and RECON



BMP-1

SPEED: 80 KM/H
WEAPONRY: 73 MM GUN/7.62 MM MG/SAGGER ATGM
CREW: 3
REMARKS: CAPABLE OF CARRYING 8 INFANTRY/
REPUBLICAN GUARDS MECH UNITS/



BMP-2

SPEED: 65 KM/H
WEAPONRY: 30MM CANNON/7.62MM MG/SPIGOT ATGM
CREW: 3 PLUS 7 INFANTRY
REMARKS: NBC SYSTEM/INFRARED

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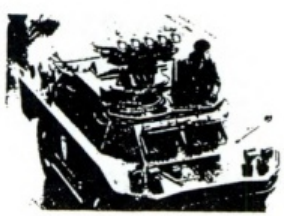
ANTI-ARMOR

RANGE: 500 M
PENETRATION: 260 MM
RATE OF FIRE: 4 - 6 RDS/MIN
GUIDANCE: OPTICAL



AT-5 SPANDREL

RANGE: 4000 M
PENETRATION: 500 - 600 MM
GUIDANCE: SACLOS WIRE

MILAN

RANGE: 25 - 2000 M
PENETRATION: 1060 MM
GUIDANCE: LOS WIRE

IRAQ REPORTEDLY HAS TOW AND ITOW ANTI-TANK MISSILES.

NOTE!

AT-4 SPIGOT

RANGE: 70 - 2500 M
PENETRATION: 600 MM
GUIDANCE: LOS WIRE

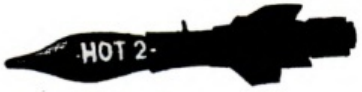
RANGE: 500 - 3000 M
PENETRATION: 400 MM +
GUIDANCE: LOS WIRE

SWATTER

RANGE: 600 - 2500 M
PENETRATION: 400 MM +
GUIDANCE: RADIO LINK

HOT

RANGE: 75 - 4000 M
PENETRATION: 850 MM
GUIDANCE: LOS WIRE



REMARKS: 4 HOT MAY BE INSTALLED ON GAZELLE & 6 HOT INSTALLED ON BO 105 HELICOPTERS

ANTI-ARMOR

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FIRE SPT

2S1-SP GUN/HOW

CALIBER: 122 MM
RANGE: 15,300 M
AMMO: HE, SMOKE, HEAT-FS
RATE OF FIRE: 5 RDS/MIN

2S3-SP GUN/HOW

CALIBER: 152 MM
RANGE: 27,000 M
AMMO: HE, CHEMICAL, HEAT-FS, AP-T, SMOKE & ILLUM
RATE OF FIRE: 4 RDS/MIN

D-20 GUN/HOW

CALIBER: 152 MM
RANGE: 17,000 M
AMMO: HE, CP, AP-T, ILLUM, HEAT, SMOKE, CHEMICAL
RATE OF FIRE: 5 RDS/MIN

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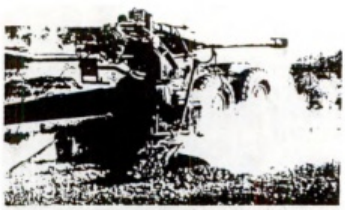
GHN-45 GUN/HOW

CALIBER: 155 MM
RANGE: 30,300 M
AMMO: HE, ILLUM, SMOKE
RATE OF FIRE: 2 - 7 RDS/MIN



G-5 GUN/HOW

CALIBER: 155 MM
RANGE: 39,000 M
AMMO: HE, SMOKE, ILLUM, WP
RATE OF FIRE: 3 RDS/MIN

M-46 GUN

CALIBER: 130 MM
RANGE: 27,500 M
AMMO: HE, AP-T, CHEMICAL, ILLUM, SMOKE
RATE OF FIRE: 1 - 2 RDS/MIN

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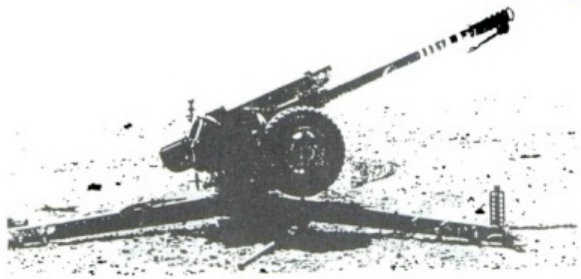
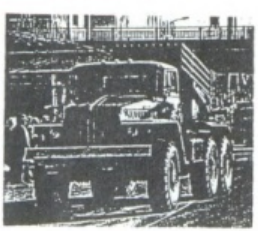


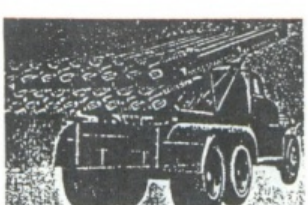
D-30 HOW

CALIBER: 122 MM
RANGE: 15,300 M
AMMO: HE, HEAR-FS, CHEMICAL, ILLUM, SMOKE
RATE OF FIRE: 1 - 2 RDS/MIN



BM-21 MRL

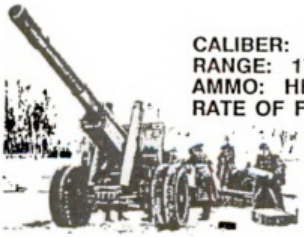
CALIBER: 122 MM (40 TUBES)
RANGE: 20,500 M
AMMO: HE, SMOKE, CHEMICAL , WP
RATE OF FIRE: 40 RDS EVERY 10 MIN.



BM-13/16 MRL

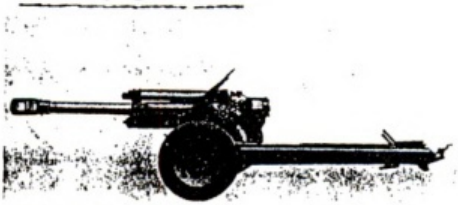
CALIBER: 132 MM
RANGE: 8000 M
AMMO: HE
RATE OF FIRE: 16 RDS EVERY 15 MIN

M-1937 (ML-20) GUN/HOW

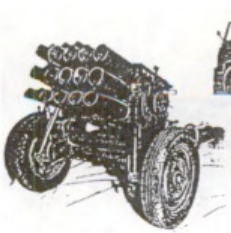


CALIBER: 152 MM
RANGE: 17,000 M
AMMO: HE, AP-T, HEAT, ILLUM, SMOKE
RATE OF FIRE: 4 RDS/MIN

M-1943 D-1 HOW



CALIBER: 152 MM
RANGE: 12,400 M
AMMO: HE, CP, HEAT, ILLUM, CHEMICAL
RATE OF FIRE: 1 RD/MIN



TYPE 63 MRL

CALIBER: 107 MM
RANGE: 10,100 M
AMMO: HE
RATE OF FIRE: 12 RDS IN 15 SEC
NOTE: TOWED & TRUCK-MOUNTED VERSIONS SHOWN

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TYPE 66 GUN/HOW

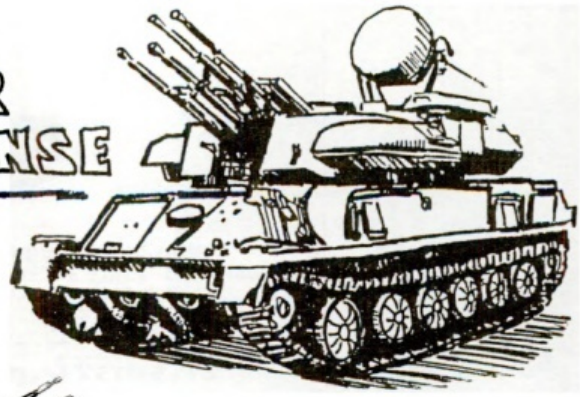
CALIBER: 152 MM
RANGE: 17,200 M
AMMO: HE, SMOKE
RATE OF FIRE: 3 RDS/MIN

MORTAR

CALIBER: 120 MM
RANGE: 5,700 M
AMMO: HE, SMOKE, ILLUM
RATE OF FIRE: 15 RDS/MIN

CALIBER: 82 MM
RANGE: 3100 M
AMMO: HE, SMOKE
RATE OF FIRE: 15 RDS/MIN

AIR DEFENSE



ZSU-23/4

TARGET: HELICOPTERS & LOW FLYING AIRCRAFT
CALIBER: 23 MM GUNS
RANGE: 2500M
RATE OF FIRE: 850-1000 RDS/MIN PER GUN
GUIDANCE: RADAR

SA-8 GECKO

TARGET: LOW TO MEDIUM ALTITUDE HI-PERFORMANCE AIRCRAFT AND HELICOPTERS
RANGE: 15,000 M
ALTITUDE: 10 - 12,200 M
GUIDANCE: RADAR

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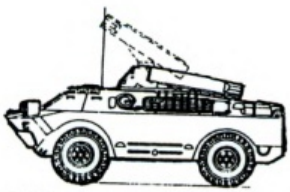


SA-9 GASKIN

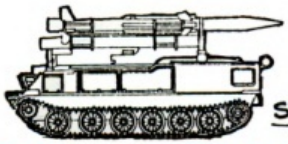
TARGET: HELICOPTERS & SLOW FLYING AIRCRAFT
RANGE: .8 - 5 KM
ALTITUDE: 10 - 4500 M
GUIDANCE: INFRARED HOMING

ROLAND I/II

TARGET: HIGH PERFORMANCE AIRCRAFT
RANGE: 700 - 6300 M
ALTITUDE: 10 - 5500 M
GUIDANCE: OPTICAL/RADAR

ZSU-57/2

TARGET: HELICOPTERS & LOW FLYING AIRCRAFT
CALIBER: 57 MM GUNS
RANGE: 4000 M
RATE OF FIRE: 105 - 120 RDS/MIN
GUIDANCE: OPTICAL



SA-6 GAINFUL

TARGET: LOW TO MEDIUM ALTITUDE HIGH PERFORMANCE AIRCRAFT
RANGE: 4 - 24 KM
ALTITUDE: 15 KM
GUIDANCE: SEMI ACTIVE HOMING

M-53/59 & M53/70

TARGET: AERIAL & GROUND
CALIBER: 30 MM GUN
RANGE: LIGHT ARMORED VEHICLES - 2000 M
AERIAL - 3000 M
RATE OF FIRE: 420 - 450 RDS/MIN PER GUN
GUIDANCE: TRACER OBSERVATION (AERIAL)
TELESCOPE (GROUND)

100 mm KS-19

TARGET: AERIAL & GROUND
RANGE: 12,600 M
RATE OF FIRE: 15 RDS/MIN
PENETRATION: 185 MM AT 500 M/170 MM AT 1000 M
GUIDANCE: RADAR/DIRECT FIRE OPTICAL

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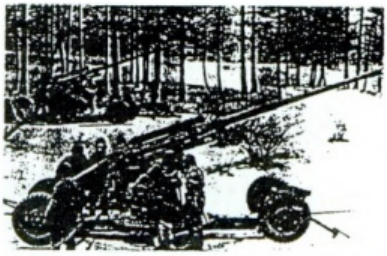

85mm M-1939
KS-12

TARGET: AERIAL & GROUND
RANGE: 10,000 M
RATE OF FIRE: 15-20 RD/MIN
GUIDANCE: RADAR/OPTICAL

57mm S-60

TARGET: HELICOPTERS & SLOW FLYING AIRCRAFT
RANGE: 4,000 M
RATE OF FIRE: 105 - 120 RDS/MIN
GUIDANCE: OPTICAL & RADAR

37 mm M-1939

TARGET: HELICOPTERS & SLOW FLYING AIRCRAFT
RANGE: 4000 M
RATE OF FIRE: 160 - 180 RDS/MIN
GUIDANCE: OPTICAL

I HAWK

TARGET: HIGH PERFORMANCE AIRCRAFT
RANGE: LOW ALTITUDE: 3500 - 16,000 M
HIGH ALTITUDE: 2000 - 32,000 M
GUIDANCE: RADAR

SA-7 GRAIL

TARGET: HELICOPTERS & SLOW FLYING AIRCRAFT
RANGE: .7 - 5 KM
ALTITUDE: 10 - 4500 M
GUIDANCE: INFRARED HOMING

AIR DEFENSE

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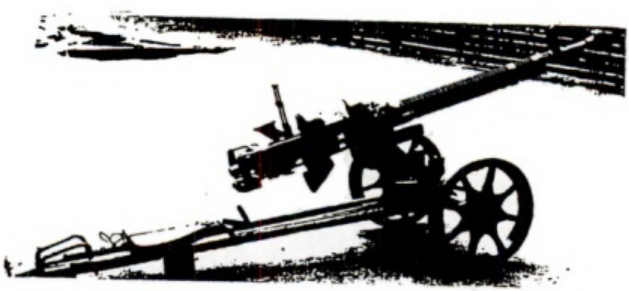
CREW SERVED WPNS

SGM MEDIUM MACHINE GUN

AMMO: 7.62 MM
EFFECTIVE RANGE: 1000 M
RATE OF FIRE: 650 RDS/MIN



DShK HEAVY MACHINE GUN

AMMO: 12.7 MM
EFFECTIVE RANGE: 2000 M
RATE OF FIRE: 575 RDS/MIN

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CHEMICAL AGENTS

THE IRAQIS MAY MIX BLISTER AGENT MUSTARD AND NERVE AGENTS TABUN AND SARIN WITH ARTILLERY FIRE.

DELIVERY SYSTEMS ARE:

* BOMBS
* ROCKETS
* ARTILLERY SHELLS
* AIRCRAFT DELIVERED SPRAYS

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How They Fight

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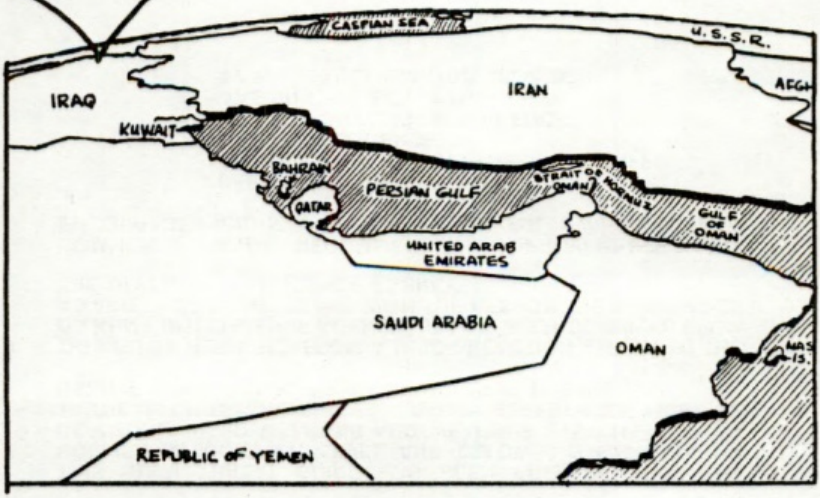

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