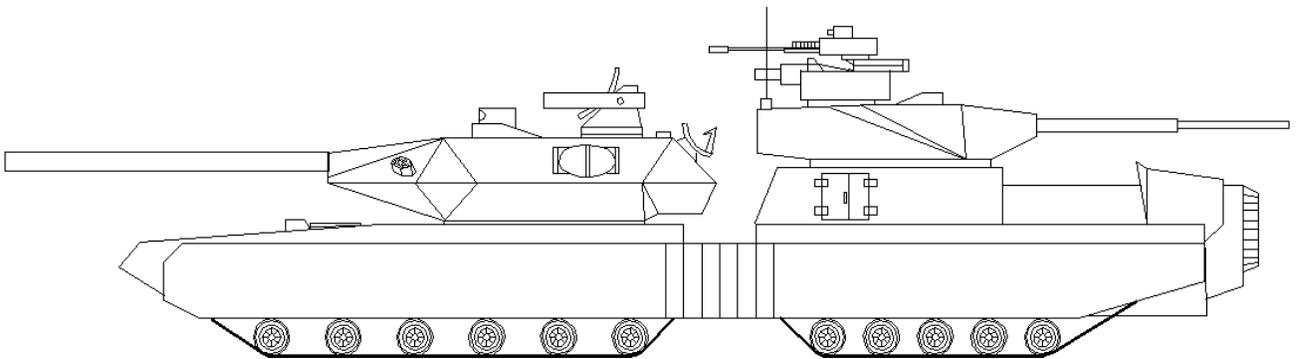


American Military Equipment in 2300ad



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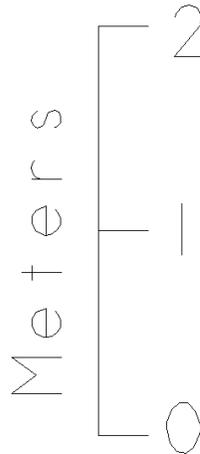
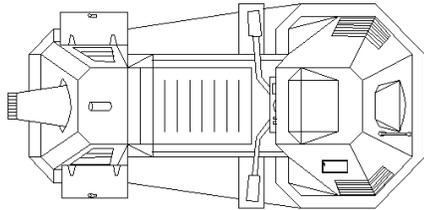
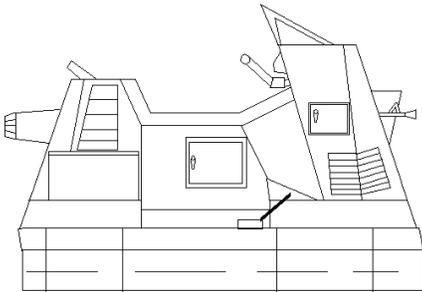
D. W. Malesevich

davemal@fdldotnet.com

If you download this booklet please let me know
what you think of the contents and what could be
improved. Dave Malesevich 3/11/99

Visit Pentapod's World of 2300AD - <http://www.geocities.com/TimesSquare/Arcade/2303/>

M-5 Hovercycle



- TYPE:** Military Hovercycle
- CREW:** Operator
- WEIGHT:** 650 kg
- ARMOR:** Plenum: 0.01 All Others: 0.01
- CARGO:** 50 kg
- MAXIMUM SPEED:** 180 kph
- CRUISING SPEED:** 120 kph
- POWER PLANT:** 0.04 MW MHD Turbines
- FUEL CAPACITY:** 32 kg H₂
- FUEL CONSUMPTION:** 1.25 kg/hour
- ENDURANCE:** 25 hours 36 minutes
- SIGNATURE:** 0.5 **EVASION:** 12
- SENSOR RANGE:** N/A Mk1 eyeballs
- OFF ROAD MOBILITY:** Full
- COST:** \$9,000.00

ARMAMENT

- 1 - M-955 Browning 5.5mm LMG
Range Finder: None

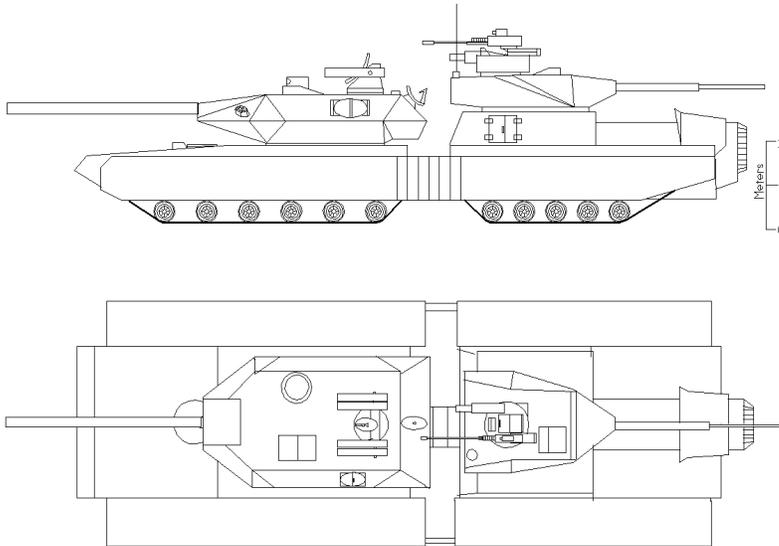
	ROF = 2	Cl	Ef	Lg	Ex
Area Range	100	200	300	400	
AFV	3	2	1	0.5	
DPV	1	0.7	0.5	0.3	

Rounds per burst = 20

Rounds Carried: 300/5.5mm
15 bursts

- 1 - 30mm Rear Firing Grenade Launcher
Fixed Range of 250 meters(to the rear)
Rate of Fire 2
Magazines 2 X 12 rds. Driver selectable
30mm HE DP: As explosion(EP=4)
30mm Smoke DP: As explosion
(EP=1)No Fragmentation
Obscuration cloud
10m long X 10m High
Forms in 15 seconds
Lasts 120 seconds

M-10 Heavy Tank



TYPE: Tracked Heavy Tank

CREW: Driver, Commander, Gunner 1, Rear
Turret Commander, Gunner 2

ADDITIONAL CREW: Company CO, TAC
Officer (On Command Tank)

WEIGHT: 125,000 kg

ARMOR: Suspension: 100 Front: 190 Main
Turret Front: 250, Main Turret Other: 125,
Rear Turret: 85, Top + Rear: 90

CARGO: None

MAXIMUM SPEED: 80 kph

CRUISING SPEED: 50 kph

POWER PLANT: 3 MW MHD Turbine

FUEL CAPACITY: 1500 kg H₂

FUEL CONSUMPTION: 80 kg/hour

ENDURANCE: 18 hours 50 minutes

SIGNATURE: 10 **EVASION:** 1

SENSOR RANGE: 12,000 meters

OFF ROAD MOBILITY: Full

COST: \$15,034,760.00

ARMAMENT

1 - 15 cm Mass Driver Gun in Forward Turret
Aimed Fire Range: Cl=2000 Ef=4000 Lg=6000 Ex=8000
Range Finder: +7
Rate of Fire: 3
Rounds Carried: 60
DPV: Cl=275 Ef=215 Lg=190 Ex=120

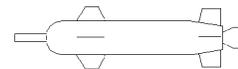
1 - 7.5 cm Mass Driver Gun in Rear Turret
Aimed Fire Range: Cl=1000 Ef=2000 Lg=3000 Ex=4000
Range Finder: +7
Rate of Fire: 4
Rounds Carried: 120
DPV: Cl=120 Ef=105 Lg=86 Ex=43

2 - M-955 Browning 5.5mm LMG Coaxially Mounted
Range Finder: +4

ROF = 2	Cl	Ef	Lg	Ex
Area Range	200	600	800	1200
AFV	3	2	1	0.5
DPV	1	0.7	0.5	0.3
Rounds per burst = 20				
Rounds Carried: 5000/wpn of 5.5mm 250 bursts				

1 - CLP-1A Plasma Gun on Snorkel Mount (RTurret)
Aimed Fire Range: Cl=400 Ef=1200 Lg=1600 Ex= 2400
Range Finder: +4
Rate of Fire: 5
Rounds Carried 200/in 25 round cassettes
DPV: As tamped explosion (EP=15)

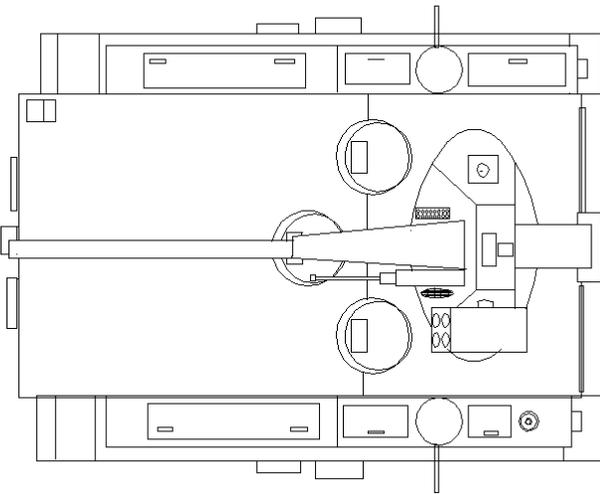
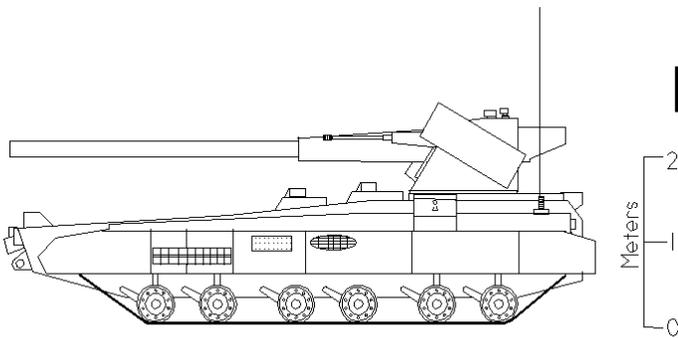
1 - M-318 Anti-Vehicle Missile Launcher
Range: 10,000 meters
Guidance: Automatic
Homing Value: 21
Attack Angle: Selectable
DPV: As tamped explosion (EP=70)
Reloads Carried: 7



4 - M-246 Radar Homing Anti-Air Missiles
Range: 9000 meters
Guidance: Auto/After Lock-On
Homing Value: 40
Attack Angle: Direct
DPV: As Tamped Explosion (EP=8)



M-11 Medium Tank



TYPE: Tracked Medium Tank
CREW: Driver, Commander, Gunner
WEIGHT: 22,000 kg
ARMOR: Suspension: 20 Front: 150
 All Others: 80
CARGO: None
MAXIMUM SPEED: 100 kph
CRUISING SPEED: 60 kph
POWER PLANT: 2 - 0.2 MW MHD Turbines
FUEL CAPACITY: 500 kg H₂
FUEL CONSUMPTION: 12 kg/hour
ENDURANCE: 41 hours 45 minutes
SIGNATURE: 3 **EVASION:** 4
SENSOR RANGE: 10,000 meters
OFF ROAD MOBILITY: Full
COST: \$854,000.00

ARMAMENT

1 - 12 cm Mass Driver Gun in Remote Turret
 Aimed Fire Range: Cl=1500 Ef=3000 Lg=4500 Ex=6000
 Range Finder: +7
 Rate of Fire: 4
 Rounds Carried: 80
 Damage: Cl=210 Ef=180 Lg=120 Ex=90

1 - 25mm Auto Cannon Coaxially Mounted Indpd. Elv.
 Range Finder: +4

ROF=5	Cl	Ef	Lg	Ex
Aim Rg	500	1000	2000	4000
DPV	12	6	6	3 (frag +5 burst radius)
Rounds per Burst=5				
Area Rg	400	800	1600	3200
AFV	2	1	0.5	0.5
DPV	12	6	6	3 (frag +5 burst radius)

 Rounds per Burst=10
 Ammunition: 25X161mm Fixed Cartridge APHE
 800 Rounds Carried (250 ready rounds)

1 - M-955 Browning 5.5mm LMG Coaxially Mounted
 Range Finder: +4

ROF = 4	Cl	Ef	Lg	Ex
Area Range	400	800	1000	1200
AFV	3	2	1	0.5
DPV	1	0.7	0.5	0.3

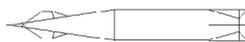
 Rounds per burst = 20
 Rounds Carried: 5000/5.5mm
 250 bursts

2 - M-955 Browning 5.5mm LMG Remote Turret
 Mounted/AI Controlled
 Range Finder: None

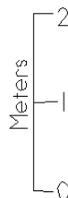
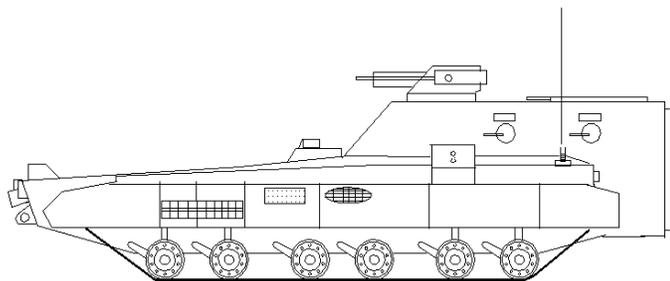
ROF = 2	Cl	Ef	Lg	Ex
Area Range	100	200	250	275
AFV	3	2	2	2
DPV	1	1	1	1

 Rounds per burst = 20
 Rounds Carried: 1000/5.5mm
 50 bursts

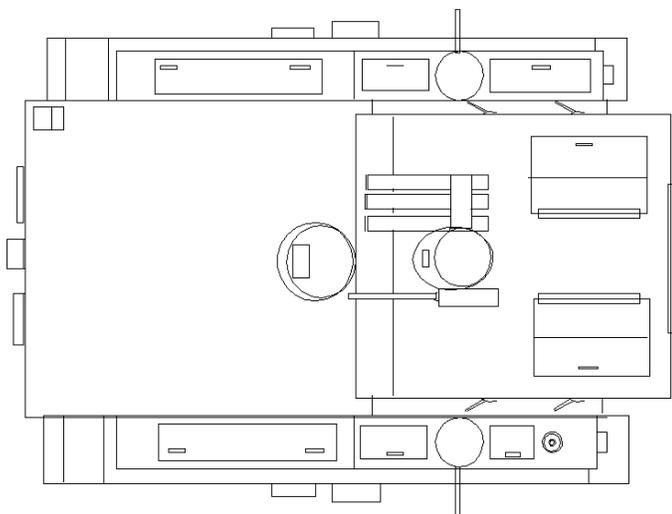
4 - M-240 Heat Seeking Anti-Air Missiles
 Range: 7000 meters
 Guidance: Auto/After Lock-On
 Homing Value: 24
 Attack Angle: Direct
 DP: As Tamped Explosion (EP=3)



M-25 APC



- TYPE:** Armored Personnel Carrier
- CREW:** Driver, Commander
- WEIGHT:** 24,750 kg
- ARMOR:** Suspension: 20 Front: 150
All Others: 80
- CARGO:** 7 man Squad, 500 kg Equipment
- MAXIMUM SPEED:** 100 kph
- CRUISING SPEED:** 60 kph
- POWER PLANT:** 2 - 0.2 MW MHD Turbines
- FUEL CAPACITY:** 500 kg H₂
- FUEL CONSUMPTION:** 12 kg/hour
- ENDURANCE:** 41 hours 45 minutes
- SIGNATURE:** 3 **EVASION:** 4
- SENSOR RANGE:** 5,000 meters
- OFF ROAD MOBILITY:** Full
- COST:** \$632,000.00



ARMAMENT

- 1 - 25mm Auto Cannon
Range Finder: None
ROF=5 Cl Ef Lg Ex
Aim Rg 500 1000 2000 4000
DPV 12 6 6 3 (frag +5 burst radius)
Rounds per Burst=5
Area Rg 400 800 1600 3200
AFV 2 1 0.5 0.5
DPV 12 6 6 3 (frag +5 burst radius)
Rounds per Burst=10
Ammunition: 25X161mm Fixed Cartridge APHE
1200 Rounds Carried (300 ready rounds)

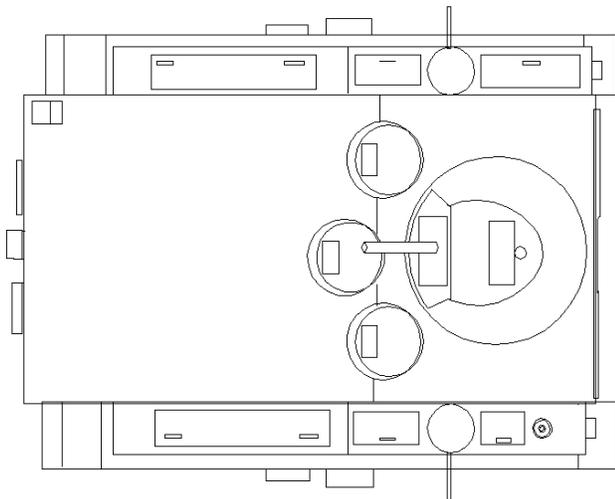
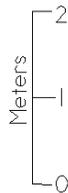
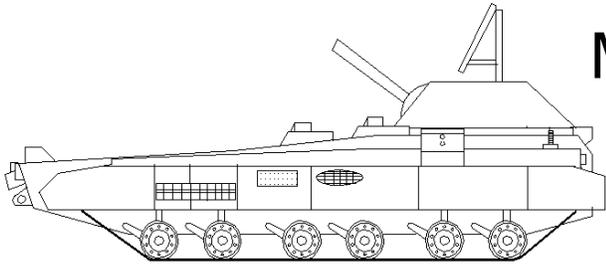
- 4 - M-1035 Browning 4.5mm BMLMG
ROF=2 Cl Ef Lg Ex
Area Rg 50 100 150 175
AFV 4 3 2 1
DPV 0.9 0.9 0.9 0.9
Rounds per Burst=30
Rounds Carried: 1500/wpn 4.5mm
50 bursts/wpn

- 2 - M-955 Browning 5.5mm LMG Remote Turret
Mounted/AI Controlled
Range Finder: None
ROF = 2 Cl Ef Lg Ex
Area Range 100 200 250 275
AFV 3 2 2 2
DPV 1 1 1 1
Rounds per burst = 20
Rounds Carried: 1000/5.5mm
50 bursts

- 3 - M-318 Anti-Vehicle Missiles
Range: 8000 meters
Guidance: Automatic
Homing Value: 21
Attack Angle: Selectable
DP: As Tamped Explosion (EP=70)



M-110 Mortar Carrier



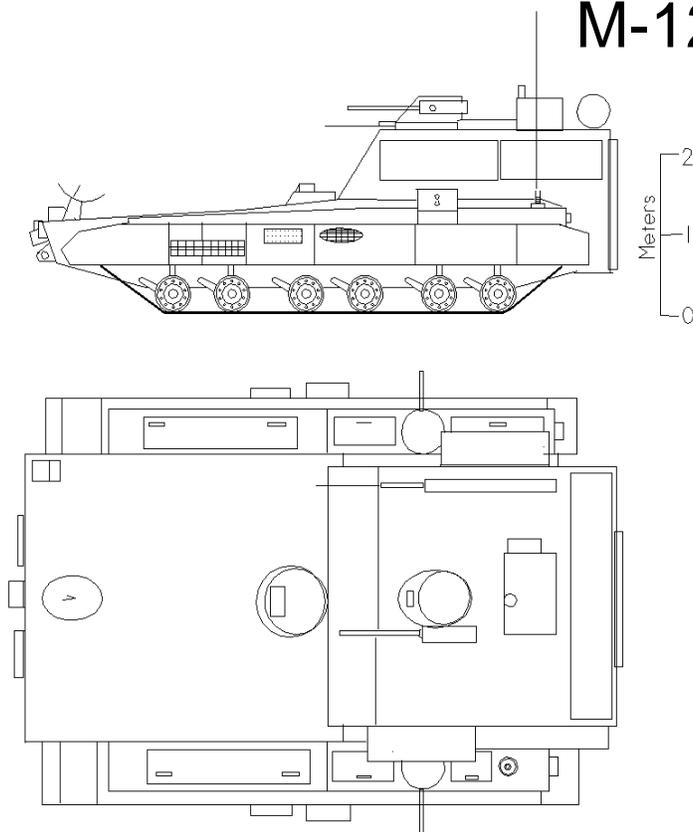
TYPE: Armored Mortar Carrier
CREW: Driver, Commander, Gunner
WEIGHT: 23,400 kg
ARMOR: Suspension: 20 Front: 150
 All Others: 80
CARGO: None
MAXIMUM SPEED: 100 kph
CRUISING SPEED: 60 kph
POWER PLANT: 2 - 0.2 MW MHD Turbines
FUEL CAPACITY: 500 kg H₂
FUEL CONSUMPTION: 12 kg/hour
ENDURANCE: 41 hours 45 minutes
SIGNATURE: 3 **EVASION:** 4
SENSOR RANGE: 20,000 meters
OFF ROAD MOBILITY: Full
COST: \$632,000.00

ARMAMENT

1 - 120mm Auto Mortar
 Range: 15000 meters
 Rate of Fire: 15 rounds/minute
 Ammunition Storage = 400 rounds
 Ammunition Types: APHE
 as tamped explosion (EP 15)
 WASP
 DP = 8 (frag +8 m burst area)
 Obscuration
 10meter high X 20meter long
 5 seconds to deploy
 240 seconds of obscuration
 Normal Loadout of Ammunition 50 - APHE
 275 - WASP
 75 - Obscuration

2 - M-955 Browning 5.5mm LMG Remote Turret
 Mounted/AI Controlled
 Range Finder: None
 ROF = 2 Cl E_f L_g E_x
 Area Range 100 200 250 275
 AFV 3 2 2 2
 DPV 1 1 1 1
 Rounds per burst = 20
 Rounds Carried: 1000/5.5mm
 50 bursts

M-125 Command Post



TYPE: Armored Command Post

CREW: Driver, Commander

WEIGHT: 24,000 kg

ARMOR: Suspension: 20 Front: 150
All Others: 80

CARGO: 6 staff personnel + 500 kg equipment

MAXIMUM SPEED: 100 kph

CRUISING SPEED: 60 kph

POWER PLANT: 2 - 0.2 MW MHD Turbines

FUEL CAPACITY: 500 kg H₂

FUEL CONSUMPTION: 12 kg/hour

ENDURANCE: 41 hours 45 minutes

SIGNATURE: 3 **EVASION:** 4

SENSOR RANGE: None

OFF ROAD MOBILITY: Full

COST: \$748,000.00

ARMAMENT

1 - 25mm Auto Cannon

Range Finder: None

ROF=5 Cl Ef Lg Ex

Aim Rg	500	1000	2000	4000
--------	-----	------	------	------

DPV	12	6	6	3 (frag +5 m burst radius)
-----	----	---	---	----------------------------

Rounds per Burst=5

Area Rg	400	800	1600	3200
---------	-----	-----	------	------

AFV	2	1	0.5	0.5
-----	---	---	-----	-----

DPV	12	6	6	3 (frag +5 m burst radius)
-----	----	---	---	----------------------------

Rounds per Burst=10

Ammunition: 25X161mm Fixed Cartridge APHE

600 Rounds Carried (300 ready rounds)

2 - M-955 Browning 5.5mm LMG Remote Turret
Mounted/AI Controlled

Range Finder: None

ROF = 2	Cl	Ef	Lg	Ex
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Area Range	100	200	250	275
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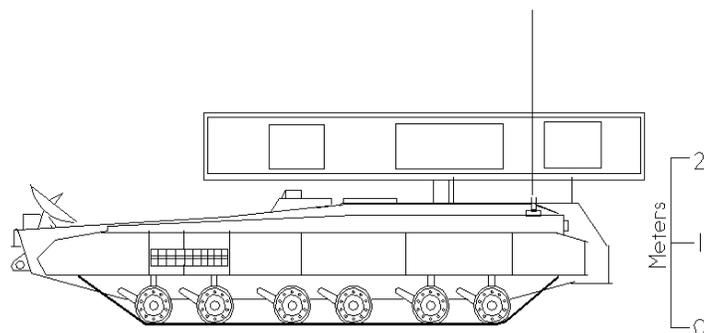
AFV	3	2	2	2
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DPV	1	1	1	1
-----	---	---	---	---

Rounds per burst = 20

Rounds Carried: 1000/5.5mm
50 bursts

M-251 LRA



TYPE: Launcher, Rocket Artillery
CREW: Driver, Commander, Gunner
WEIGHT: 21,500 kg
ARMOR: Suspension: 20 Front: 150
 All Others: 35

CARGO: None

MAXIMUM SPEED: 100 kph

CRUISING SPEED: 60 kph

POWER PLANT: 2 - 0.2 MW MHD Turbines

FUEL CAPACITY: 500 kg H₂

FUEL CONSUMPTION: 12 kg/hour

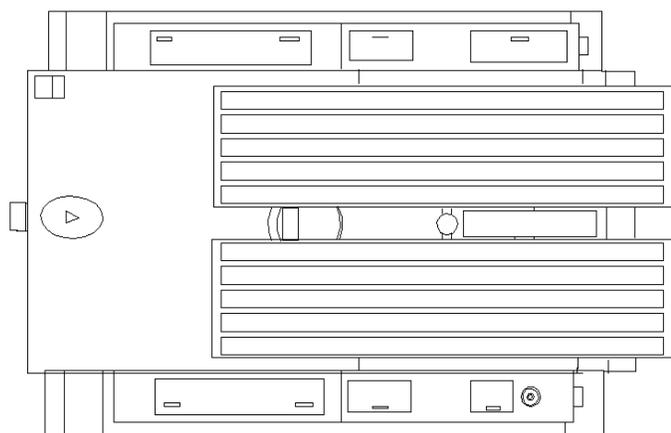
ENDURANCE: 41 hours 45 minutes

SIGNATURE: 4 **EVASION:** 4

SENSOR RANGE: None (Sat Com Ability)

OFF ROAD MOBILITY: Full

COST: \$587,000.00



ARMAMENT

30 - 203mm Artillery Rockets

Range: 60,000 meters

ROF = 5

Guidance: Automatic (after Gunner Lock-on) or
 Laser Homing or
 Free Flight

DP: APHE As Tamped Explosion (EP=60)

WASP (DP=10) (750 m burst Radius)

Obscuration (DP=5) (no fragmentation)

30 m high X 150 m long

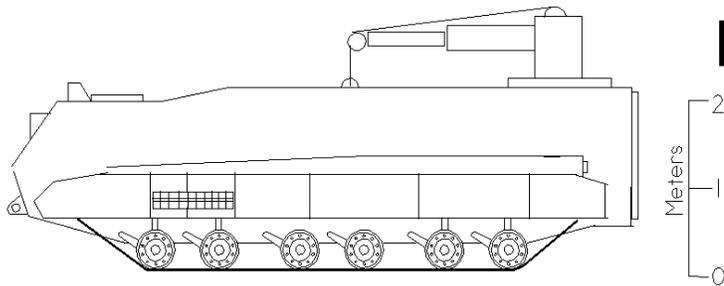
10 seconds to deploy

420 seconds of obscuration



Normal Load Carried: 16 - WASP
 8 - APHE
 6 - Obscuration

M-252 ACC&FC



TYPE: Armored Combat Cargo & Fuel Carrier

CREW: Driver

WEIGHT: 23,650 kg

ARMOR: Suspension: 20 Front: 150
All Others: 35

CARGO: 5000 kg & 2000 kg H₂

MAXIMUM SPEED: 100 kph

CRUISING SPEED: 60 kph

POWER PLANT: 2 - 0.2 MW MHD Turbines

FUEL CAPACITY: 500 kg H₂

FUEL CONSUMPTION: 12 kg/hour

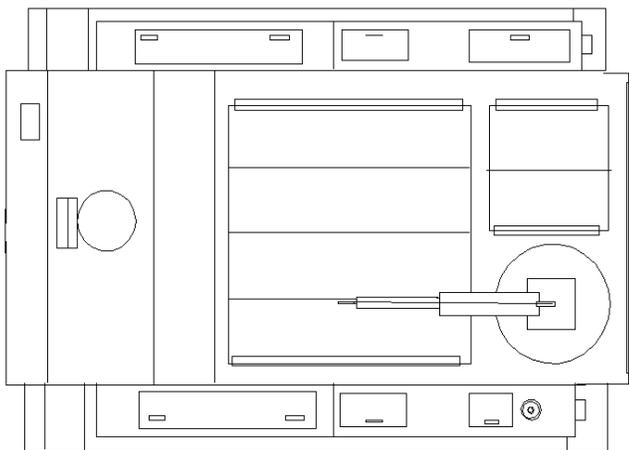
ENDURANCE: 41 hours 45 minutes

SIGNATURE: 5 **EVASION:** 4

SENSOR RANGE: None (Sat Com Ability)

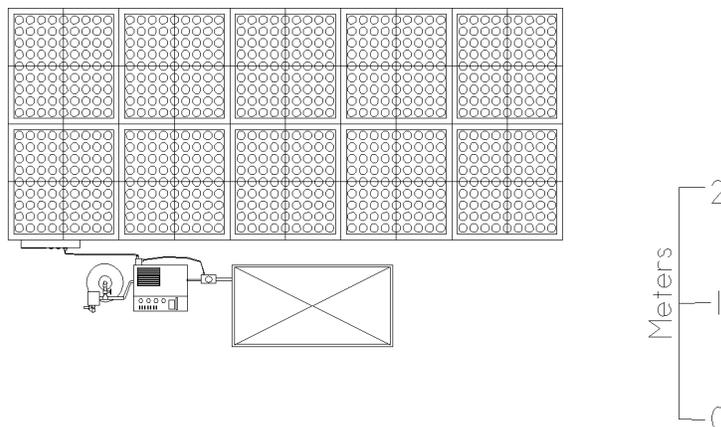
OFF ROAD MOBILITY: Full

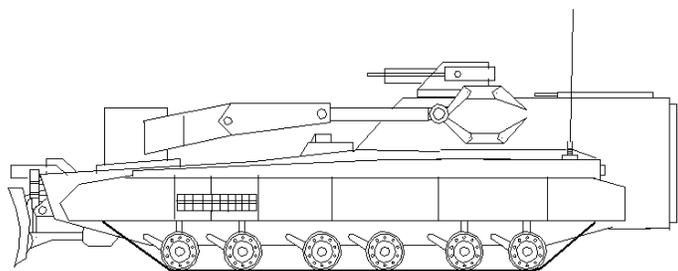
COST: \$463,000.00



Fuel Stations

2 - Military Fuel Stations capable of producing 500 kg per hour of H₂ from H₂O. Self contained units with everything necessary for fuel production. (Solar Cells, Fuel and Water pumps and all hoses.)





M-253 CEV

TYPE: Combat Engineer Vehicle

CREW: Driver, Commander

WEIGHT: 23,500 kg

ARMOR: Suspension: 20 Front: 150
All Others: 60

CARGO: 7 man Engineer Squad 500 kg Tools

MAXIMUM SPEED: 100 kph

CRUISING SPEED: 60 kph

POWER PLANT: 2 - 0.2 MW MHD Turbines

FUEL CAPACITY: 500 kg H₂

FUEL CONSUMPTION: 12 kg/hour

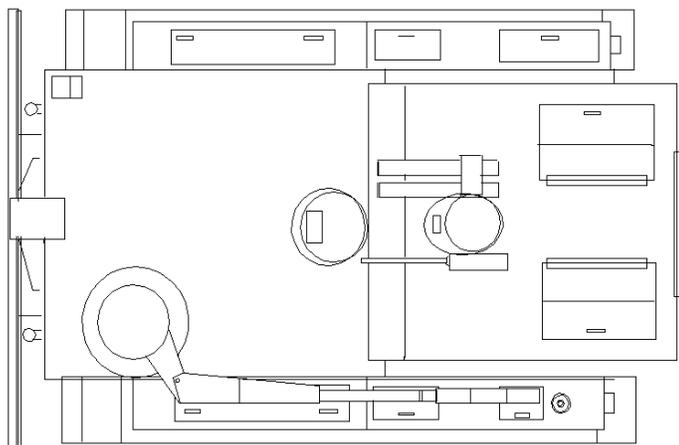
ENDURANCE: 41 hours 45 minutes

SIGNATURE: 3 **EVASION:** 4

SENSOR RANGE: None

OFF ROAD MOBILITY: Full

COST: \$813,450.00



ARMAMENT

1 - 25mm Auto Cannon

Range Finder: None

ROF=5 Cl Ef Lg Ex

Aim Rg	500	1000	2000	4000
--------	-----	------	------	------

DPV	12	6	6	3 (frag +5 m burst radius)
-----	----	---	---	----------------------------

Rounds per Burst=5

Area Rg	400	800	1600	3200
---------	-----	-----	------	------

AFV	2	1	0.5	0.5
-----	---	---	-----	-----

DPV	12	6	6	3 (frag +5 m burst radius)
-----	----	---	---	----------------------------

Rounds per Burst=10

Ammunition: 25X161mm Fixed Cartridge APHE

600 Rounds Carried (300 ready rounds)

2 - M-992 Demolition Missiles

Range: 2000 meters

Guidance: Laser Guided

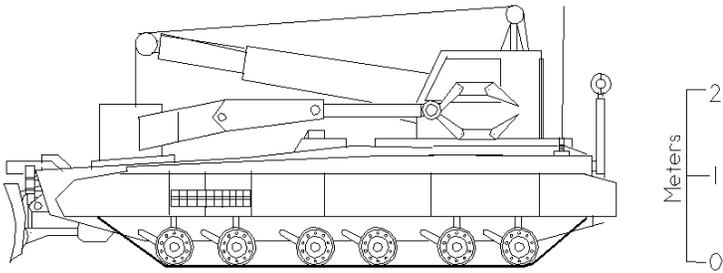
Attack Angle: Direct

DP: As Explosion (EP150)

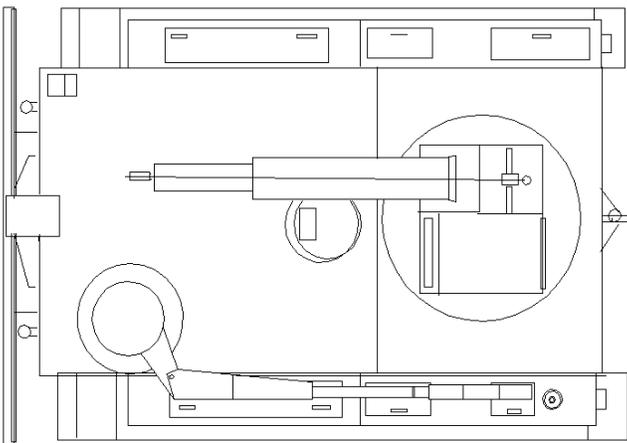
Reloads Carried: 4



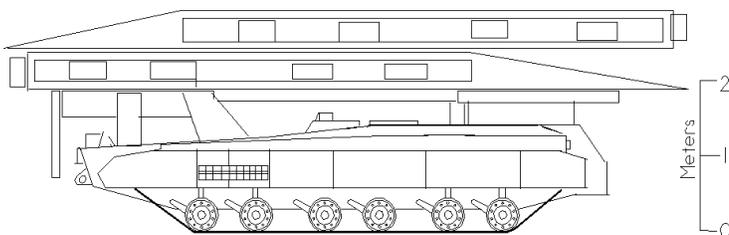
M-254 Recovery Vehicle



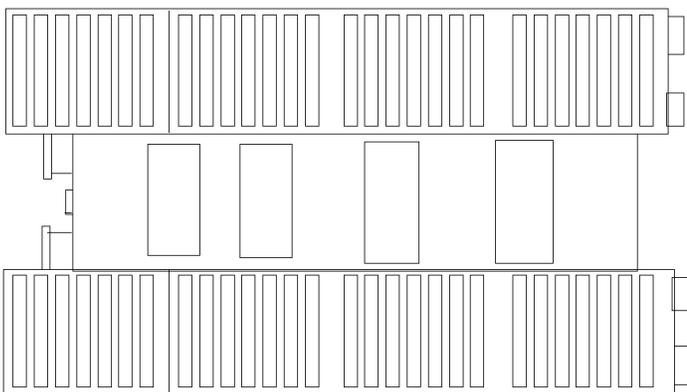
TYPE: Recovery Vehicle
CREW: Driver, Commander
WEIGHT: 26,500 kg
ARMOR: Suspension: 20 Front: 180
 All Others: 60
CARGO: None
MAXIMUM SPEED: 100 kph
CRUISING SPEED: 60 kph
POWER PLANT: 2 - 0.2 MW MHD Turbines
FUEL CAPACITY: 500 kg H₂
FUEL CONSUMPTION: 12 kg/hour
ENDURANCE: 41 hours 45 minutes
SIGNATURE: 3 **EVASION:** 4
SENSOR RANGE: None
OFF ROAD MOBILITY: Full
COST: \$420,364.00



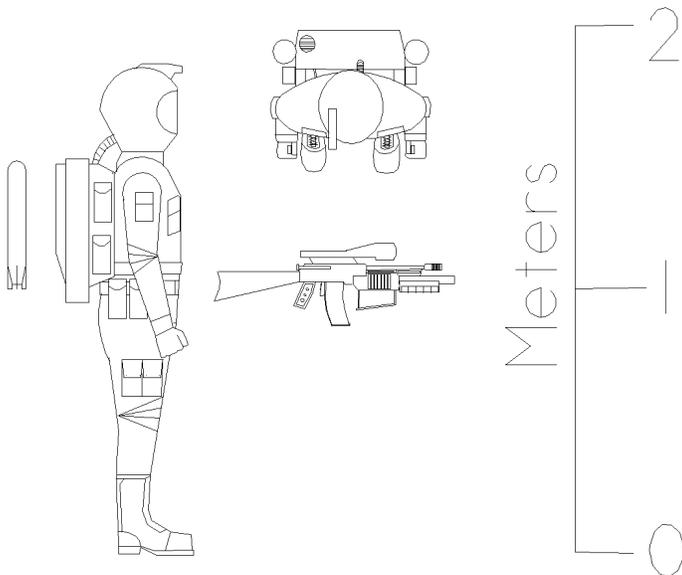
M-258 AVLB



TYPE: Armored Vehicle Launched Bridge
CREW: Driver
WEIGHT: 28,500 kg
ARMOR: Suspension: 20 Front: 150
 All Others: 35
CARGO: 20 Meter Class 80 Bridge
MAXIMUM SPEED: 85 kph
CRUISING SPEED: 50 kph
POWER PLANT: 2 - 0.2 MW MHD Turbines
FUEL CAPACITY: 500 kg H₂
FUEL CONSUMPTION: 12 kg/hour
ENDURANCE: 41 hours 45 minutes
SIGNATURE: 6 **EVASION:** 4
SENSOR RANGE: None
OFF ROAD MOBILITY: Full
COST: \$386,000.00 + Bridge @ \$113,000.00



Mk 63 Infantry Combat Suit



Type: Full-body Inertial Combat Armor

Area Protected: Entire body w/Chemical Protection
Rigid breast and backplate

Power Supply: 0.1kw Fuel Cell

Fuel Carried: 2 kg H₂

Fuel Consumption Rate: 0.08 kg per hour

Endurance: 25 hours

Armor Value: 2

Signature: -3

Initiative: -2

Cost: \$15,500.00

Notes: Built in communications equipment, Laser Rangefinder and GPS system with HUD for using maps. Also has Chameleon camouflage system built into the suit that automatically changes to match your surroundings.

ARMAMENT

2 - M-8810 Anti-Air/Vehicle Missile

Range: 2000 meters

Guidance: Automatic after lock on

Homing Value: 18

Attack Angle: Selectable

DPV: as tamped explosion (EP=15)

1 - M-12 Advanced Combat Rifle

4.5mm Gauss Rifle

30mm Automatic Grenade Launcher

4.5mm Gauss Rifle

ROF = 3	Cl	Ef	Lg	Ex
Aimed Rg	250	450	950	1200
DPV	1.5	1	0.5	0.3

ROF = 5

Area Rg	100	250	400	600
AFV	1	0.5	0.5	0.3
DPV	0.5	0.4	0.3	0.1

Rounds per Burst = 10

30 mm Automatic Grenade Launcher

ROF = 2	Cl	Ef	Lg	Ex
	150	300	500	700

DPV: HE as explosion (EP=4)

APHE as tamped Explosion (EP=6)

Ammunition Carried: 4.5mm 10 - 80 rd magazines

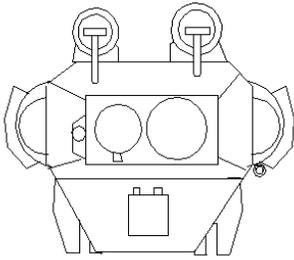
30mm 5 - 4 rd HE mag.

1 - 4 rd APHE mag

Muzzle Velocity: 1700 ms Aimed Fire

600 ms Area Fire

BH21B2a Combat Walker



Type: Combat Walker

Weight: 380 kg

Movement

Crawl: Not Allowed

Walk: 10 meters

Trot: 20 meters

Run: Not Allowed

Power Supply: Internal Rechargeable power cell

Power Duration: 24 hours

Sensor Range: 6000 meters

Signature: 2

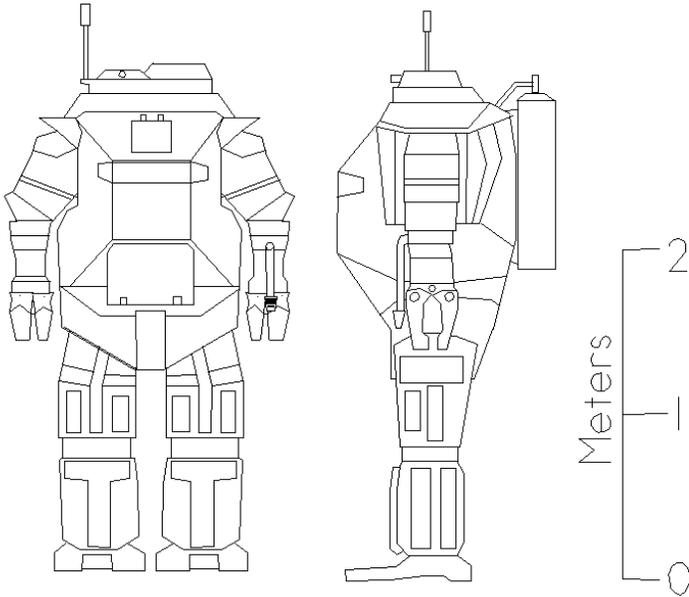
Initiative: -4

Armor Value: 8

Area Protected: All

Cost: \$113,580.00

Notes: The 2a modification involved setting the suit up for operation by a neural plug-in. The operator is able, with training, to use the suit instead of his own muscles for movement, vision, and hearing.



ARMAMENT

1 - Quinn-Darlan Mk 4-A1 Plasma Gun, Combat Walker

Action: Single Shot

Ammunition: 17X91 mm 20-MW photonic Core plaser cell

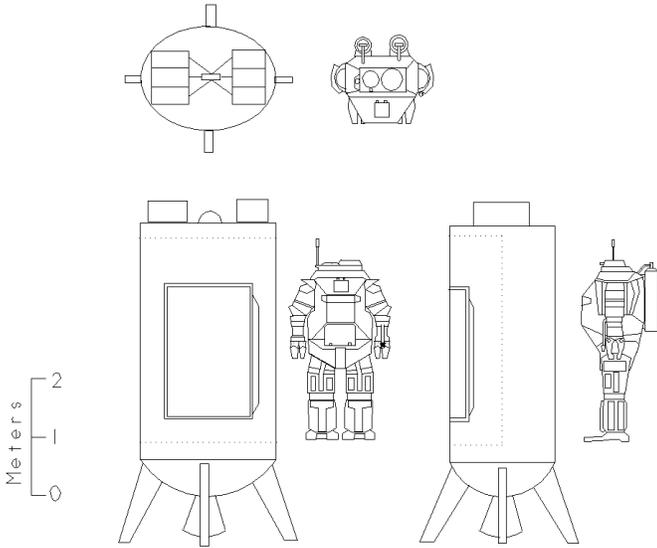
Ammunition Weight: 0.8 kg

Magazine: 30 cells in internal drum magazine (can only be reloaded from outside the suit)

ROF: 1	Cl	Ef	Lg	Ex
	500	1000	1700	2400

DPV: as tamped explosion (EP=4)

DCM-14 Drop Capsule



Type: Drop Capsule for BH21B2a

Weight: 350 kg

Cargo: 1 - BH21B2a Combat Walker

Power Plant: 3500 kw Retro Rocket

Endurance: 90 sec of retro burn

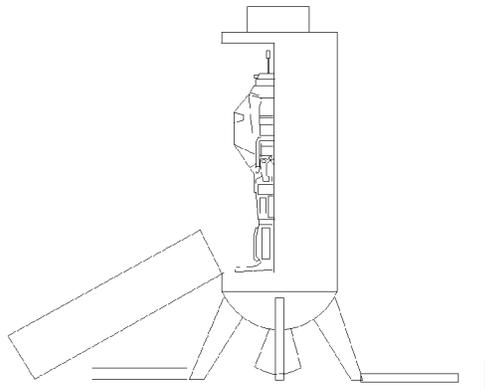
Secondary Landing Device: 6 Parachutes w/sequential deployment

Minimum Atmospheric

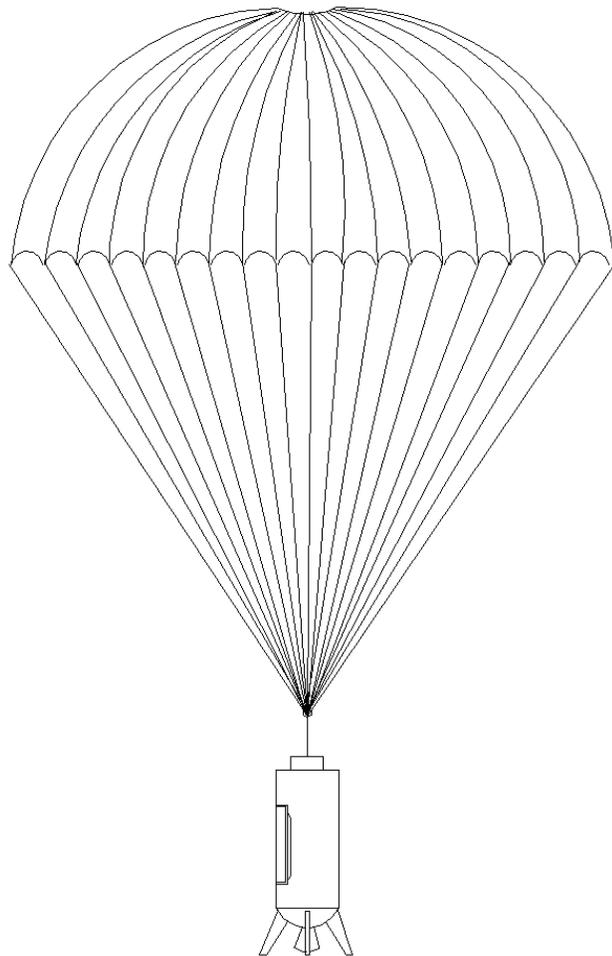
Pressure chute deployment: 11.3 psi gage

Maximum gravity for retro only landing: 0.2 g

Cost: \$15,000.00

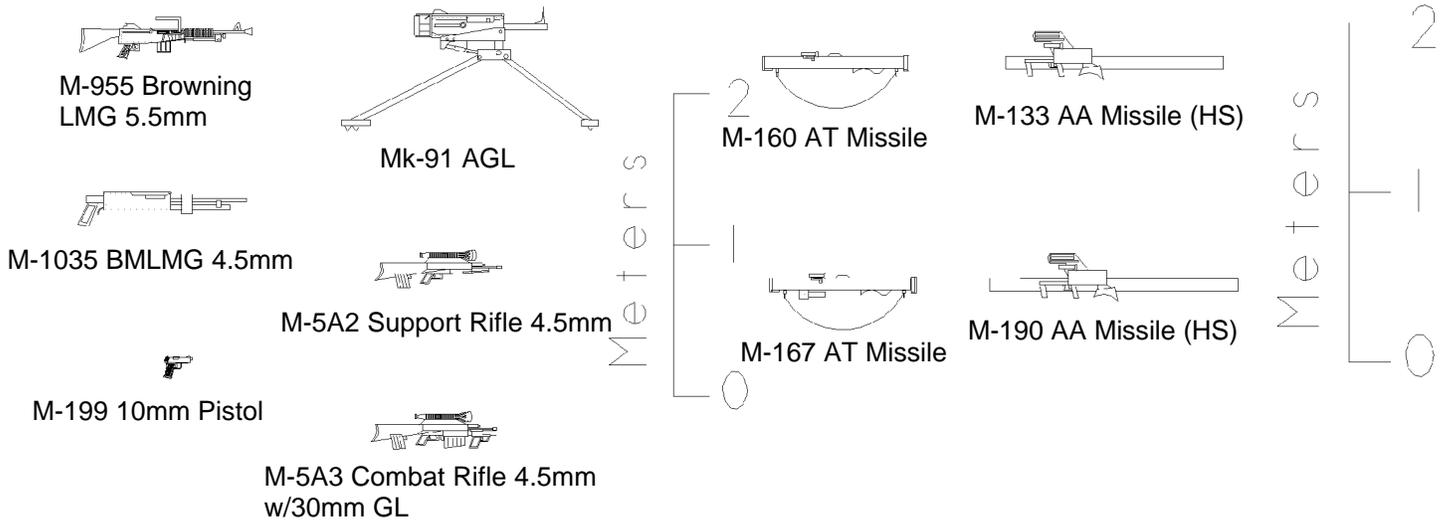


DCM-14 Landed Ready to deploy
BH21B2a Combat Walker



DCM-14 Under deployed parachute.

Small Arms & Light Weight Missiles



M-955 Browning Light Machine Gun 5.5mm

ROF = 4	Cl	Ef	Lg	Ex
Aim Rg		400	800	1200
				1600
DPV	1.5	1	0.5	0.2
Rounds per Burst = 5				
Area Rg	200	500	1000	1200
AFV	1	1	.5	.3
DPV	1.5	1	0.5	0.5
Rounds per Burst = 10				

M-1035 Browning 4.5mm Ball Mounted LMG

ROF = 2	Cl	Ef	Lg	Ex
Area Rg	50	100	150	175
AFV	4	3	2	1
DPV	0.9	0.9	0.9	0.9
Rounds per Burst = 30				

Mk-91 Automatic Grenade Launcher

ROF = 3	Cl	Ef	Lg	Ex
	500	1000	1500	1800
DPV: HE as explosion (EP=4)				
APHE as tamped Explosion (EP=6)				
Rounds per Burst = 5				

M-199 10mm Pistol

ROF = 3	Cl	Ef	Lg	Ex
Aim Rg	25	50	75	125
DPV	1.5	1	.5	.2

M-5A2 & M-5A3 Rifles 4.5mm Gauss

ROF = 3	Cl	Ef	Lg	Ex
Aim Rg		200	400	800
				1000
DPV	1	1	0.5	0.3
ROF = 4				
Area Rg	100	200	350	700
AFV	1	0.5	0.5	0.3
DPV	0.5	0.5	0.3	0.2
Rounds per Burst = 5				

30mm Grenade Launcher

ROF = 1	Cl	Ef	Lg	Ex
	150	300	500	700
DPV: HE as explosion (EP=4)				
APHE as tamped explosion (EP=6)				

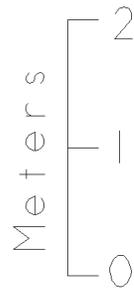
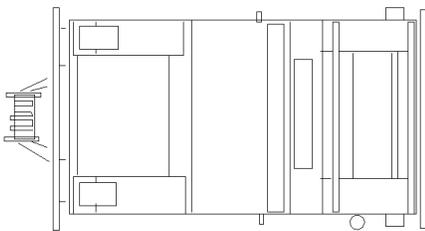
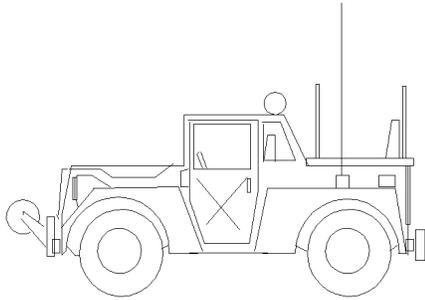
M-160 AT Missile

Range: 500 meters	700 meters
Guidance: Auto/w/Lock on	Auto
Homing Value: 15	18
Attack Angle: Direct	Selectable
DPV: as tamped expl. (EP=20)	(EP=35)

M-167 AT Missile

M-133 AA Missile(HS)	M-190 AA Missile(HS)
Range: 5000 meters	8000 meters
Guidance: Auto/w/Lock on	Auto/w/Lock on
Homing Value: 16	24
Attack Angle: Direct	Direct
DPV: as explosion (EP=5)	(EP=8)

M-2676 Utility Truck



TYPE: Utility Truck

CREW: Driver,

WEIGHT: 1,500 kg

ARMOR: Suspension: 0.2 All Others: 0.5

CARGO: 3 passengers or 1 passenger & 250kg

MAXIMUM SPEED: 160 kph

CRUISING SPEED: 120 kph

POWER PLANT: 0.05 MW Fuel Cell

FUEL CAPACITY: 30 kg H₂

FUEL CONSUMPTION: 1.5 kg/hour

ENDURANCE: 21 hours

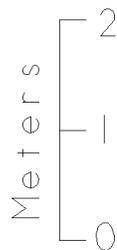
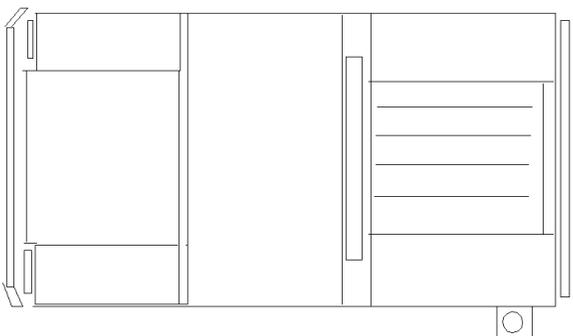
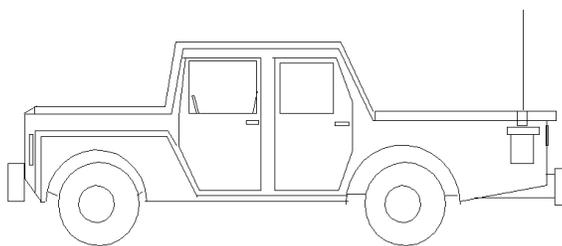
SIGNATURE: 1 **EVASION:** 5

SENSOR RANGE: None

OFF ROAD MOBILITY: Half

COST: \$19,000

M-3102 Utility Truck



TYPE: Medium Utility Truck

CREW: Driver

WEIGHT: 2,140 kg

ARMOR: Suspension: 0.2 All Others: 0.4

CARGO: 3 passengers & 500 kg

MAXIMUM SPEED: 150 kph

CRUISING SPEED: 100 kph

POWER PLANT: 0.08 MW Fuel Cell

FUEL CAPACITY: 50 kg H₂

FUEL CONSUMPTION: 1.8 kg/hour

ENDURANCE: 27 hours 45 minutes

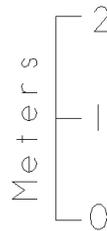
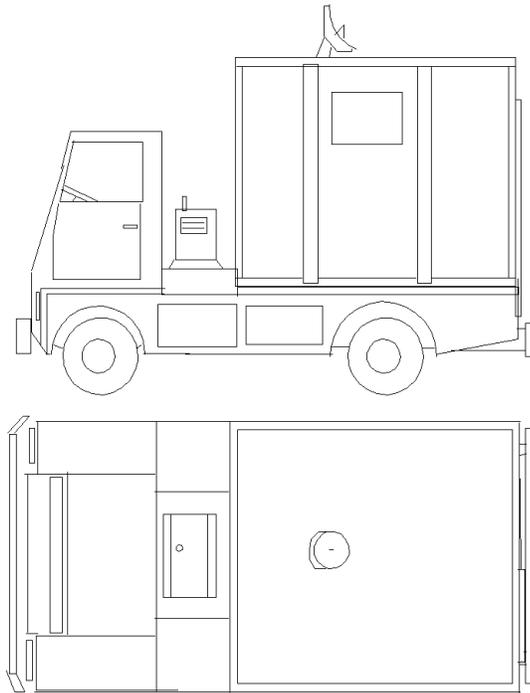
SIGNATURE: 2 **EVASION:** 3

SENSOR RANGE: None

OFF ROAD MOBILITY: Half

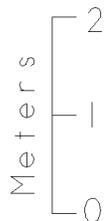
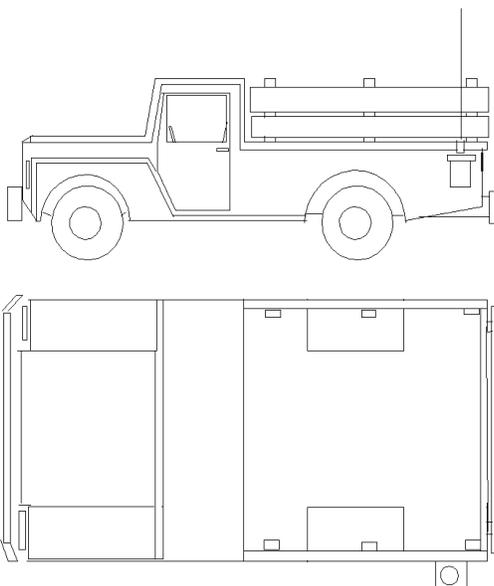
COST: \$32,000.00

M-3103 Light Command Post



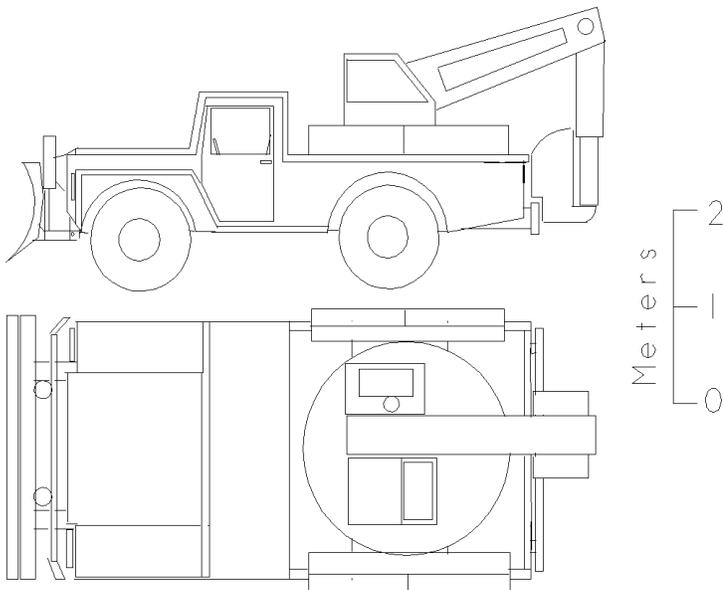
TYPE: Command Post Vehicle
CREW: Driver
WEIGHT: 2,655 kg
ARMOR: Suspension: 0.2 All Others: 0.4
CARGO: 5 Staff Personnel
MAXIMUM SPEED: 150 kph
CRUISING SPEED: 100 kph
POWER PLANT: 0.08 MW Fuel Cell
FUEL CAPACITY: 50 kg H₂
FUEL CONSUMPTION: 1.8 kg/hour
ENDURANCE: 27 hours 45 minutes
SIGNATURE: 2 **EVASION:** 3
SENSOR RANGE: None (Sat Com Equipped)
OFF ROAD MOBILITY: Half
COST: \$49,000

M-3104 Light Cargo Truck



TYPE: Light Cargo Carrier
CREW: Driver
WEIGHT: 2,300 kg
ARMOR: Suspension: 0.2 All Others: 0.4
CARGO: 1 passengers & 1500 kg
MAXIMUM SPEED: 150 kph
CRUISING SPEED: 100 kph
POWER PLANT: 0.08 MW Fuel Cell
FUEL CAPACITY: 50 kg H₂
FUEL CONSUMPTION: 1.8 kg/hour
ENDURANCE: 27 hours 45 minutes
SIGNATURE: 2 **EVASION:** 3
SENSOR RANGE: None
OFF ROAD MOBILITY: Half
COST: \$29,000.00

M-3105 Light Earth Mover



TYPE: Back Hoe w/Blade

CREW: Driver, Operator

WEIGHT: 2,430 kg

ARMOR: Suspension: 0.2 All Others: 0.4

CARGO: None

MAXIMUM SPEED: 150 kph

CRUISING SPEED: 100 kph

POWER PLANT: 0.08 MW Fuel Cell

FUEL CAPACITY: 50 kg H₂

FUEL CONSUMPTION: 1.8 kg/hour

ENDURANCE: 27 hours 45 minutes

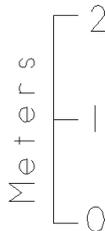
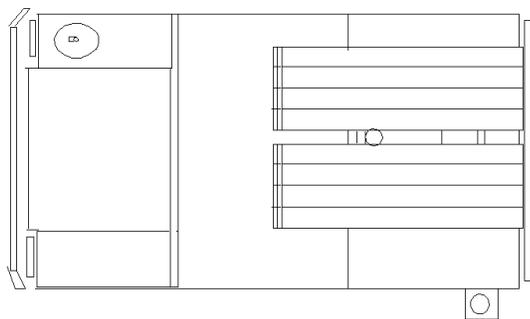
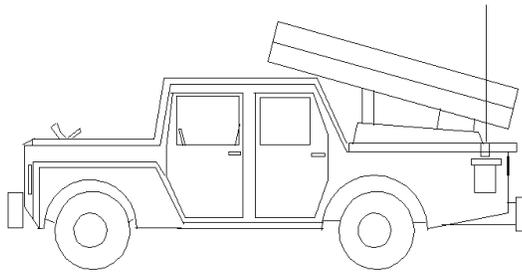
SIGNATURE: 2 **EVASION:** 3

SENSOR RANGE: None

OFF ROAD MOBILITY: Half

COST: \$36,000

M-3106 Light Rocket Launcher



TYPE: Launcher, Rocket Artillery, Light
CREW: Driver, Commander, Gunner
WEIGHT: 2,200 kg
ARMOR: Suspension: 0.2 All Others: 0.4
CARGO: None
MAXIMUM SPEED: 150 kph
CRUISING SPEED: 100 kph
POWER PLANT: 0.08 MW Fuel Cell
FUEL CAPACITY: 50 kg H₂
FUEL CONSUMPTION: 1.8 kg/hour
ENDURANCE: 27 hours 45 minutes
SIGNATURE: 4 EVASION: 4
SENSOR RANGE: None (Sat Com Ability)
OFF ROAD MOBILITY: Half
COST: \$53,000.00

ARMAMENT

16 - 120mm Artillery Rockets

Range: 35,000 meters

ROF = 3

Guidance: Automatic (after Gunner Lock-on) or
 Laser Homing or
 Free Flight

DP: APHE As Tamped Explosion (EP=30)

WASP (DP= 6) (250 m burst Radius)

Obscuration (DP=3) (no fragmentation)

20 m high X 100 m long

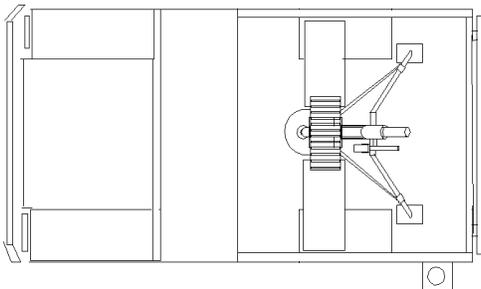
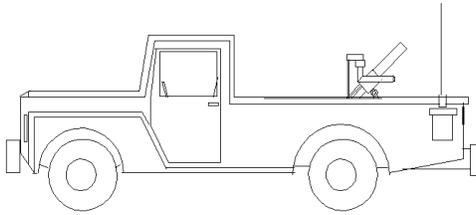
10 seconds to deploy

360 seconds of obscuration



Normal Load Carried: 10 - WASP
 2 - APHE
 4 - Obscuration

M-3107 Mortar Carrier



TYPE: 81mm Mortar Carrier

CREW: Driver, Gunner

WEIGHT: 2,100 kg

ARMOR: Suspension: 0.2 All Others: 0.4

CARGO: None

MAXIMUM SPEED: 150 kph

CRUISING SPEED: 100 kph

POWER PLANT: 0.08 MW Fuel Cell

FUEL CAPACITY: 50 kg H₂

FUEL CONSUMPTION: 1.8 kg/hour

ENDURANCE: 27 hours 45 minutes

SIGNATURE: 4 EVASION: 4

SENSOR RANGE: None (Sat Com Ability)

OFF ROAD MOBILITY: Half

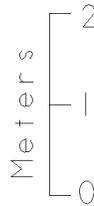
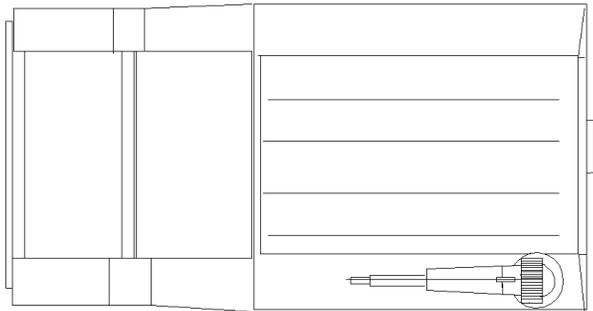
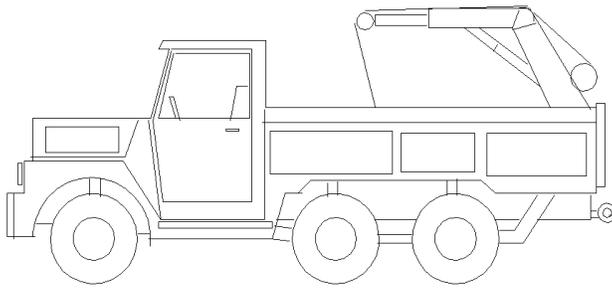
COST: \$47,650.00

ARMAMENT

- 1 - 81mm Auto Mortar
 - Range: 9500 meters
 - Rate of Fire: 20 rounds/minute
 - Ammunition Storage = 150 rounds
 - Ammunition Types: WASP
 - DP = 6 (frag +5 m burst area)

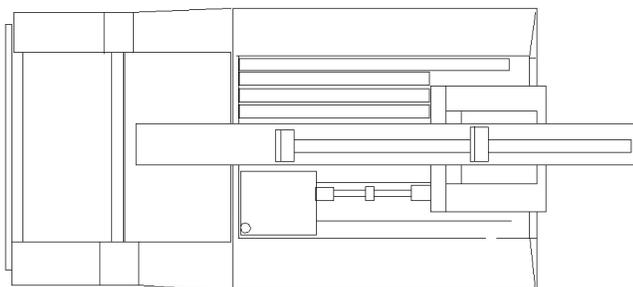
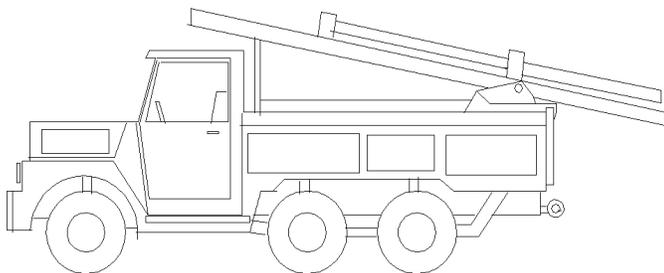
Normal Loadout of Ammunition 150 - WASP

M-9741 Cargo Truck



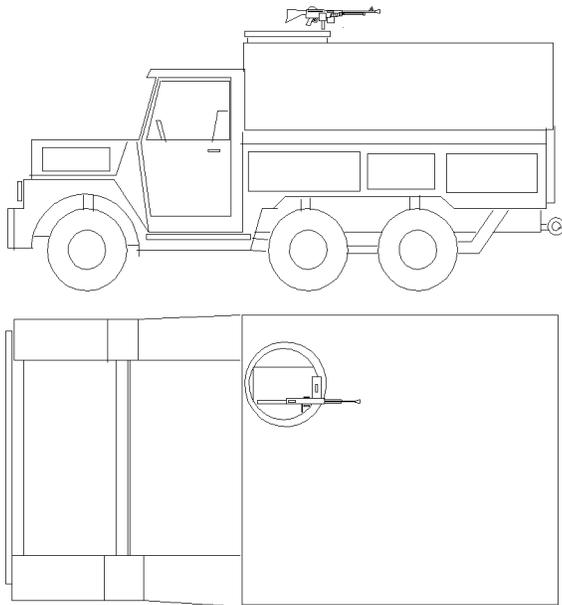
TYPE: Medium Cargo Truck
CREW: Driver
WEIGHT: 4,800 kg
ARMOR: Suspension: 0.2 All Others: 0.5
CARGO: 5000 kg
MAXIMUM SPEED: 140 kph
CRUISING SPEED: 100 kph
POWER PLANT: 0.1 MW Fuel Cell
FUEL CAPACITY: 100 kg H₂
FUEL CONSUMPTION: 2.5 kg/hour
ENDURANCE: 25 hours
SIGNATURE: 4 **EVASION:** 1
SENSOR RANGE: None
OFF ROAD MOBILITY: Quartered
COST: \$54,000

M-9741WD Drilling Truck



TYPE: Portable Well Drilling Truck
CREW: Driver, Operator
WEIGHT: 5,100 kg
ARMOR: Suspension: 0.2 All Others: 0.4
CARGO: Well Drilling Rig
MAXIMUM SPEED: 140 kph
CRUISING SPEED: 100 kph
POWER PLANT: 0.1 MW Fuel Cell
FUEL CAPACITY: 100 kg H₂
FUEL CONSUMPTION: 2.5 kg/hour
ENDURANCE: 25 hours
SIGNATURE: 4 **EVASION:** 1
SENSOR RANGE: None
OFF ROAD MOBILITY: Quartered
COST: \$76,000.00

M-9742 Troop Carrier



Meters
2
1
0

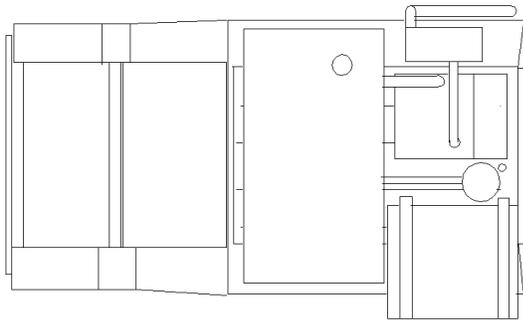
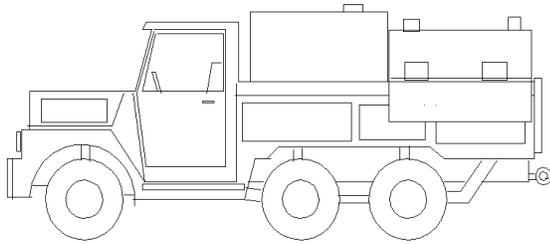
TYPE: Medium Wheeled Troop Carrier
CREW: Driver, Co-Driver
WEIGHT: 5,300 kg
ARMOR: Suspension: 0.2 All Others: 2.5
CARGO: 20 Troops w/250 kg equipment
MAXIMUM SPEED: 140 kph
CRUISING SPEED: 100 kph
POWER PLANT: 0.1 MW Fuel Cell
FUEL CAPACITY: 100 kg H₂
FUEL CONSUMPTION: 2.5 kg/hour
ENDURANCE: 25 hours
SIGNATURE: 4 EVASION: 1
SENSOR RANGE:
OFF ROAD MOBILITY: Quarter
COST: \$54,000.00

ARMAMENT

1 - M-955 Browning Light Machine Gun 5.5mm

ROF = 4	Cl	Ef	Lg	Ex
Aim Rg	350	700	1000	1400
DPV:	1.5	1	0.5	0.3
Rounds per Burst = 10				
Area Rg	200	400	800	1000
AFV	1	1	0.5	0.3
DPV:	1.5	1	0.5	0.5
Rounds per Burst = 20				

M-9743 Fuel Truck



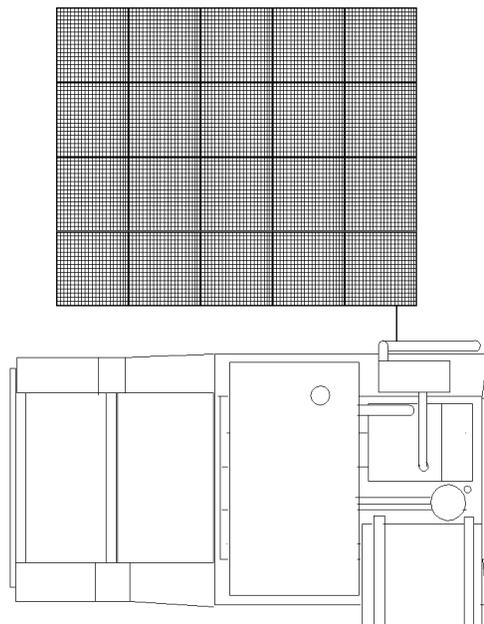
Meters
2
1
0

TYPE: Medium Fuel Truck
CREW: Driver, Co-Driver
WEIGHT: 5,600 kg
ARMOR: Suspension: 0.2 All Others: 0.4
CARGO: 2000 kg H₂
MAXIMUM SPEED: 140 kph
CRUISING SPEED: 100 kph
POWER PLANT: 0.1 MW Fuel Cell
FUEL CAPACITY: 100 kg H₂
FUEL CONSUMPTION: 2.5 kg/hour
ENDURANCE: 25 hours
SIGNATURE: 4 **EVASION:** 1
SENSOR RANGE:
OFF ROAD MOBILITY: Quarter
COST: \$68,345.00

Fuel Station

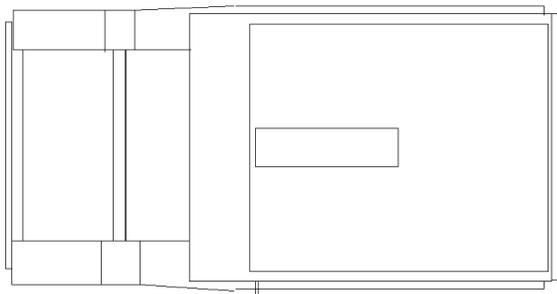
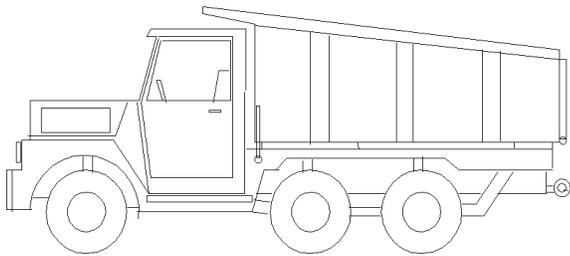
1 - Solar Powered Fuel Station

Military fuel station capable of producing 200 kg of H₂ from H₂O. Self contained unit with storage tank, conversion unit and all pumps and solar cell necessary for operation.



Meters
2
1
0

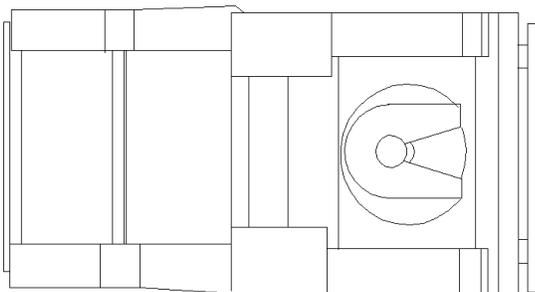
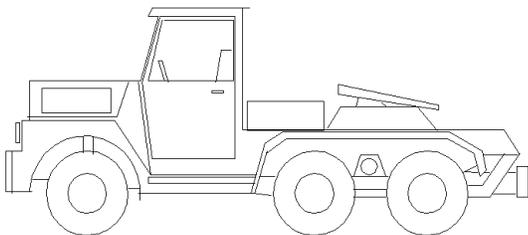
M-9744 Dump Truck



Meters
2
1
0

TYPE: Medium Dump Truck
CREW: Driver
WEIGHT: 4,900 kg
ARMOR: Suspension: 0.2 All Others: 0.5
CARGO: 5000 kg
MAXIMUM SPEED: 140 kph
CRUISING SPEED: 100 kph
POWER PLANT: 0.1 MW Fuel Cell
FUEL CAPACITY: 100 kg H₂
FUEL CONSUMPTION: 2.5 kg/hour
ENDURANCE: 25 hours
SIGNATURE: 4 **EVASION:** 1
SENSOR RANGE: None
OFF ROAD MOBILITY: Quartered
COST: \$63,000

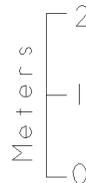
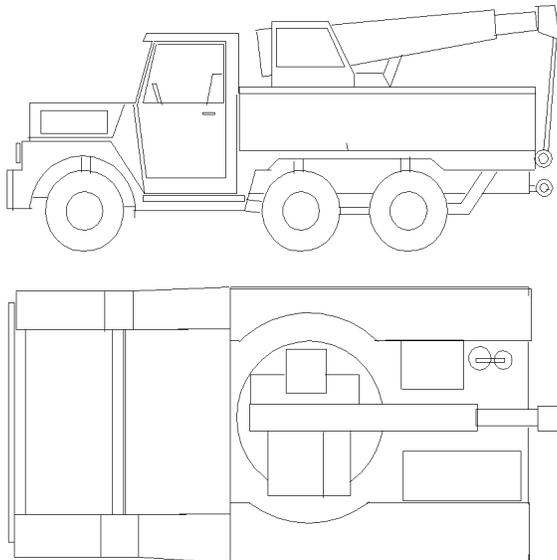
M-9745 Tractor



Meters
2
1
0

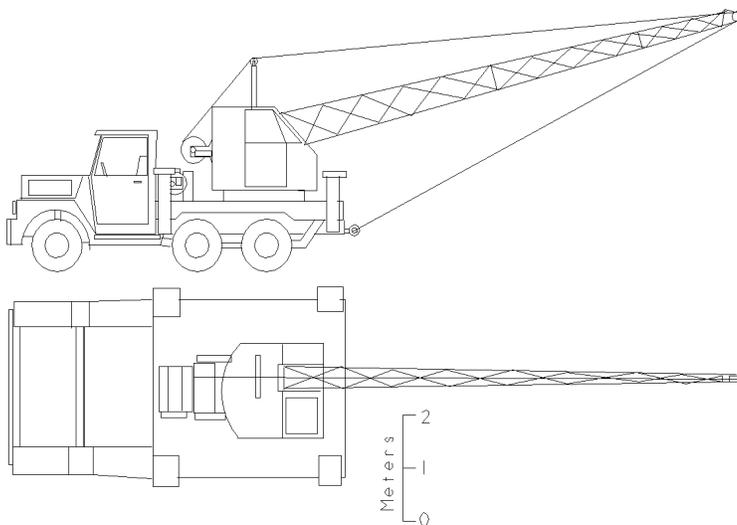
TYPE: Heavy Tractor
CREW: Driver
WEIGHT: 5,100 kg
ARMOR: Suspension: 0.2 All Others: 0.4
CARGO: M-1471, M-1472, M-1473, M-1474, M-1475 or M-1476 Trailer
MAXIMUM SPEED: 140 kph
CRUISING SPEED: 100 kph
POWER PLANT: 0.1 MW Fuel Cell
FUEL CAPACITY: 100 kg H₂
FUEL CONSUMPTION: 2.5 kg/hour
ENDURANCE: 25 hours
SIGNATURE: 3 **EVASION:** 1
SENSOR RANGE: None
OFF ROAD MOBILITY: Quartered
COST: \$38,000.00

M-9746 Wrecker



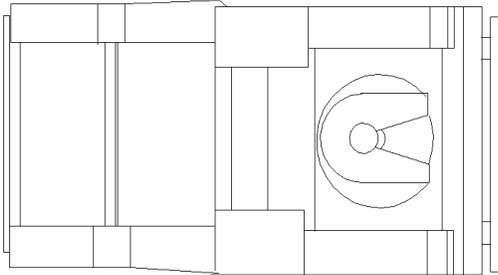
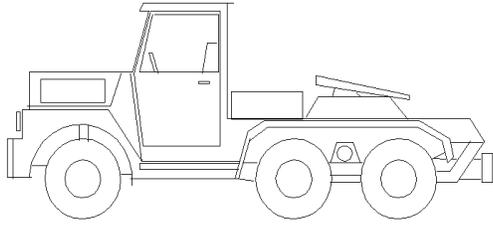
TYPE: Medium Wrecker
CREW: Driver, Operator
WEIGHT: 5,300 kg
ARMOR: Suspension: 0.2 All Others: 0.5
CARGO: Tow up to 15,000 kg
MAXIMUM SPEED: 140 kph
CRUISING SPEED: 100 kph
POWER PLANT: 0.1 MW Fuel Cell
FUEL CAPACITY: 100 kg H₂
FUEL CONSUMPTION: 2.5 kg/hour
ENDURANCE: 25 hours
SIGNATURE: 4 **EVASION:** 1
SENSOR RANGE: None
OFF ROAD MOBILITY: Quartered
COST: \$61,000

M-9750 Crane

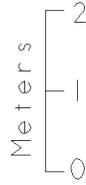


TYPE: Heavy Crane
CREW: Driver, Operator
WEIGHT: 5,700 kg
ARMOR: Suspension: 0.2 All Others: 0.4
CARGO: Lift up to 10,000kg
MAXIMUM SPEED: 120 kph
CRUISING SPEED: 80 kph
POWER PLANT: 0.1 MW Fuel Cell
FUEL CAPACITY: 100 kg H₂
FUEL CONSUMPTION: 2.5 kg/hour
ENDURANCE: 25 hours
SIGNATURE: 6 **EVASION:** 1
SENSOR RANGE: None
OFF ROAD MOBILITY: Quartered
COST: \$93,000.00

M-1471 Trailer



M-9745 Tractor



TYPE: Heavy Cargo Carrier

CREW: NA

WEIGHT: 4,900 kg

ARMOR: Suspension: 0.2 All Others: 0.5

CARGO: 20,000 kg

MAXIMUM SPEED: -30 kph from Tractor

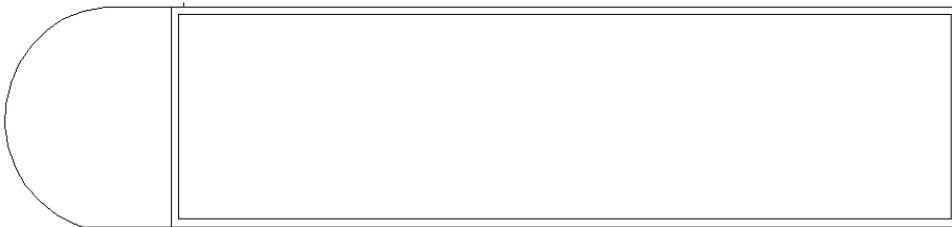
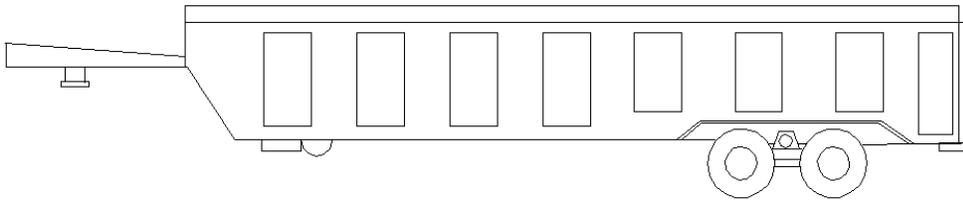
CRUISING SPEED: -20 kph from Tractor

SIGNATURE: 7 **EVASION:** 1

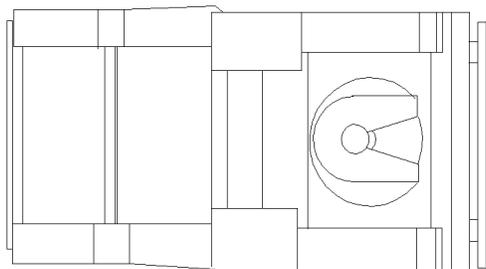
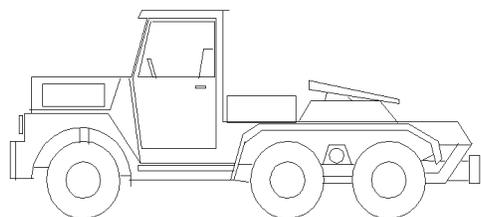
SENSOR RANGE: None

OFF ROAD MOBILITY: Halve Tractors

COST: \$26,000



M-1472 Trailer



M-9745 Tractor

TYPE: Refrigerated Cargo Carrier

CREW: NA

WEIGHT: 4,900 kg

ARMOR: Suspension: 0.2 All Others: 0.5

CARGO: 15,000 kg

MAXIMUM SPEED: -30 kph from Tractor

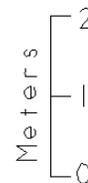
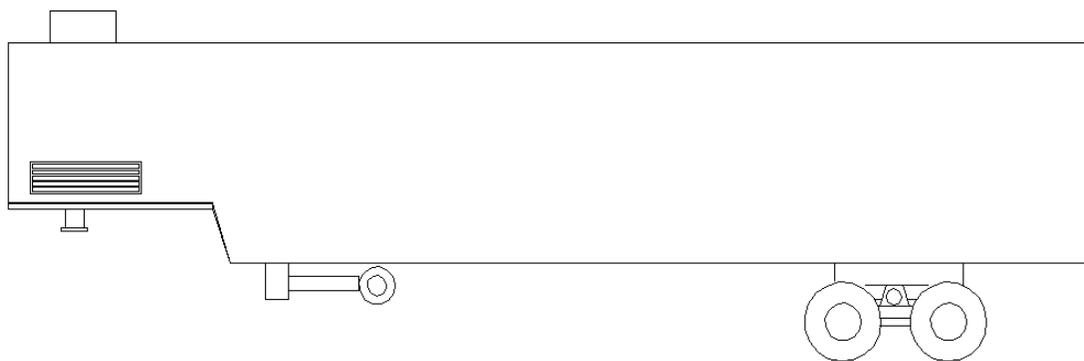
CRUISING SPEED: -20 kph from Tractor

SIGNATURE: 8 **EVASION:** 1

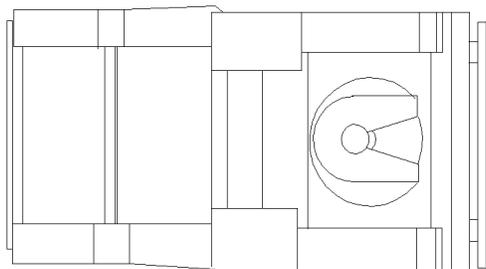
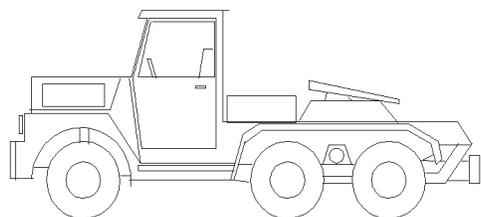
SENSOR RANGE: None

OFF ROAD MOBILITY: Halve Tractors

COST: \$36,000



M-1473 Trailer



M-9745 Tractor



TYPE: Heavy Equipment Carrier

CREW: NA

WEIGHT: 4,100 kg

ARMOR: Suspension: 0.2 All Others: 0.5

CARGO: 25,000 kg

MAXIMUM SPEED: -30 kph from Tractor

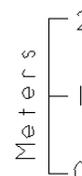
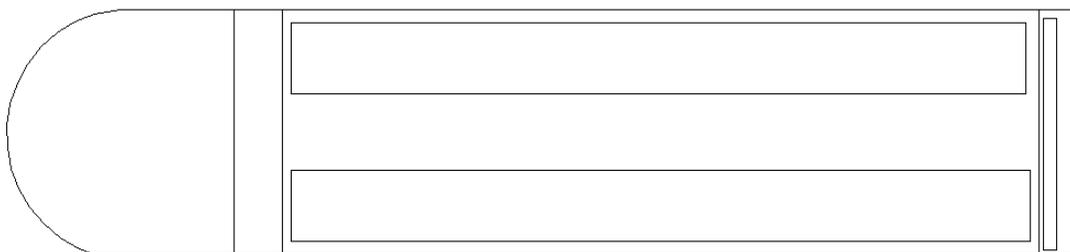
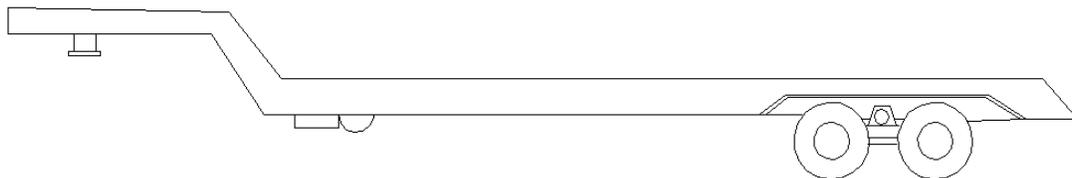
CRUISING SPEED: -20 kph from Tractor

SIGNATURE: 6 **EVASION:** 1

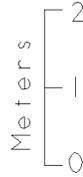
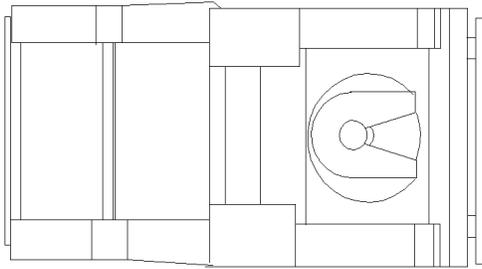
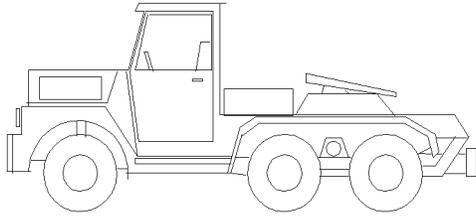
SENSOR RANGE: None

OFF ROAD MOBILITY: Halve Tractors

COST: \$26,000

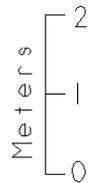
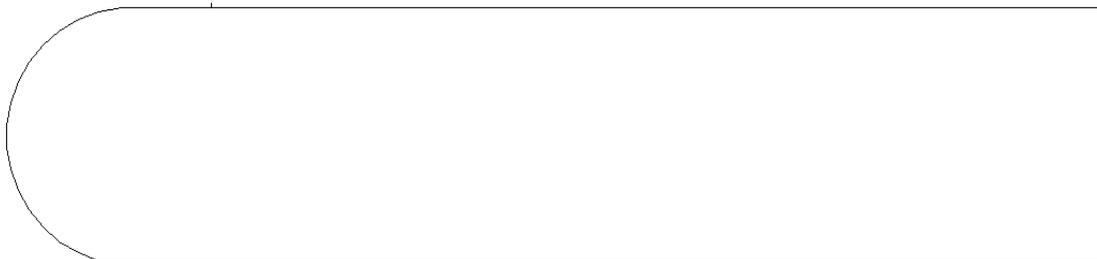
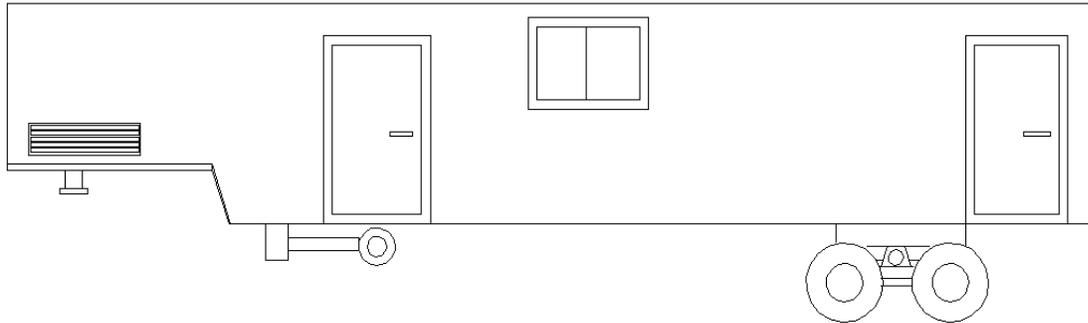


M-1474 Trailer



M-9745 Tractor

TYPE: Large Mobil Command Post
CREW: NA
WEIGHT: 5,100 kg
ARMOR: Suspension: 0.2 All Others: 0.5
CARGO: Office Space for 12 Staff Personnel
MAXIMUM SPEED: -30 kph from Tractor
CRUISING SPEED: -20 kph from Tractor
SIGNATURE: 8 **EVASION:** 1
SENSOR RANGE: None
OFF ROAD MOBILITY: Halve Tractors
COST: \$96,000



M-1475 Trailer

TYPE: Chameleon Portable Building Hauler

CREW: NA

WEIGHT: 5,100 kg

ARMOR: Suspension: 0.2 All Others: 0.5

CARGO: ½ Chameleon Building

MAXIMUM SPEED: -30 kph from Tractor

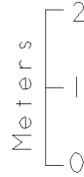
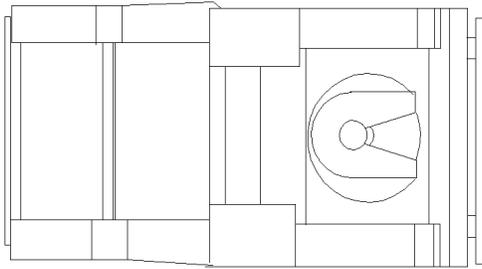
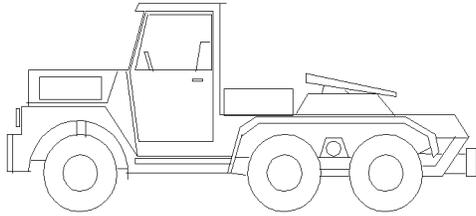
CRUISING SPEED: -20 kph from Tractor

SIGNATURE: 7 **EVASION:** 1

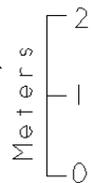
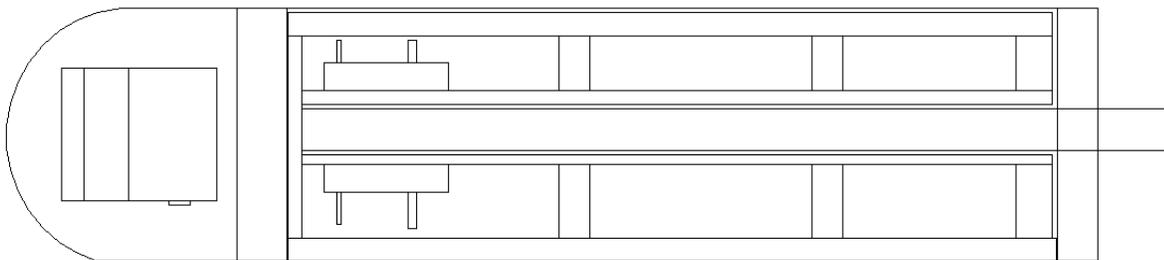
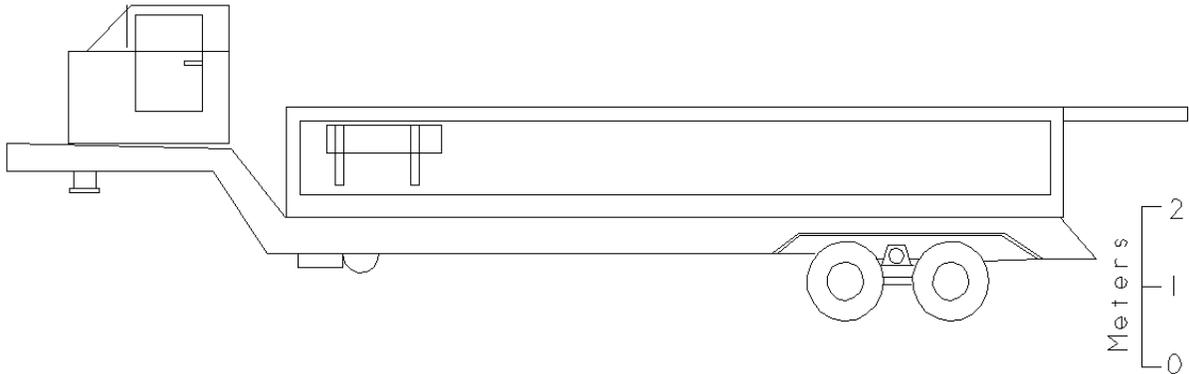
SENSOR RANGE: None

OFF ROAD MOBILITY: Halve Tractors

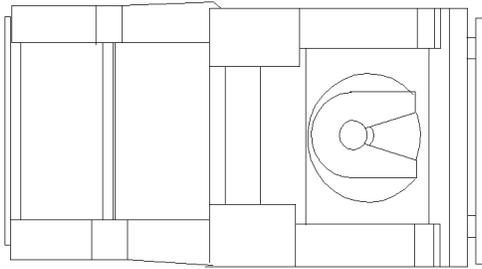
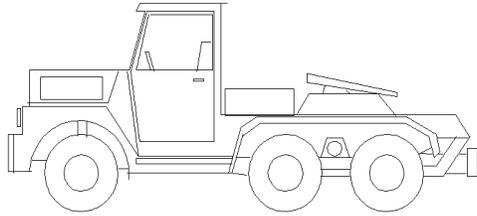
COST: \$58,000



M-9745 Tractor



M-1476 Trailer



M-9745 Tractor



TYPE: Combat Walker Transport Trailer

CREW: NA

WEIGHT: 3,200 kg

ARMOR: Suspension: 0.2 All Others: 0.5

CARGO: 12 BH21B2a Combat Walkers

MAXIMUM SPEED: -30 kph from Tractor

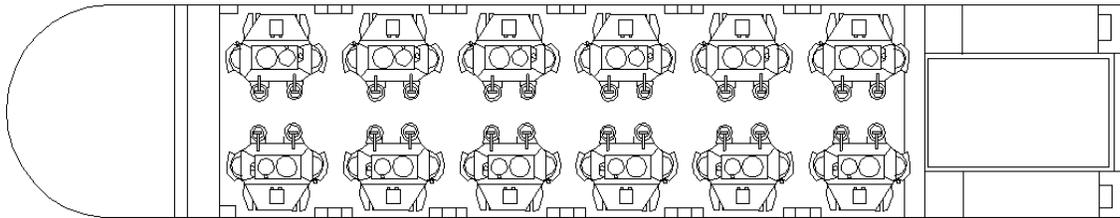
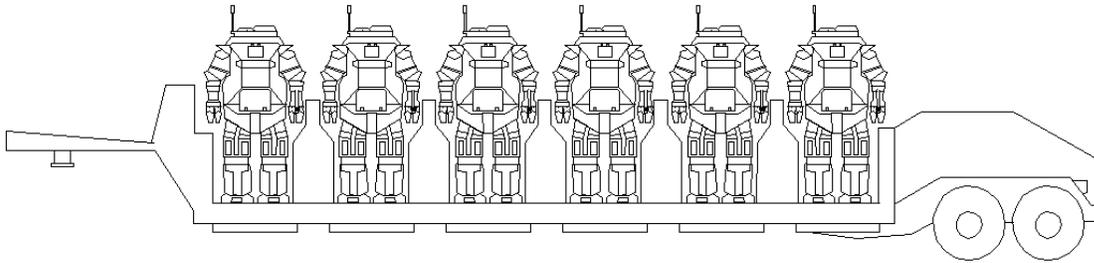
CRUISING SPEED: -20 kph from Tractor

SIGNATURE: 8 **EVASION:** 1

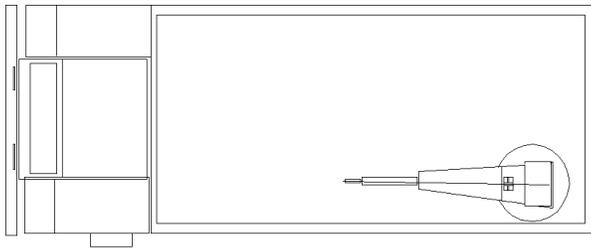
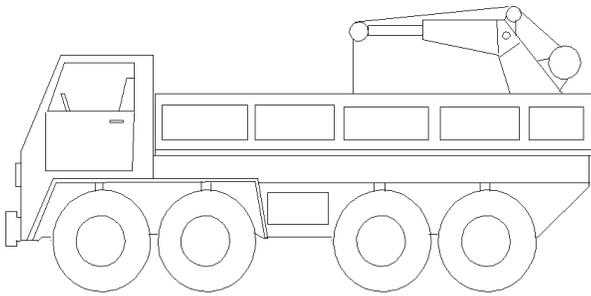
SENSOR RANGE: None

OFF ROAD MOBILITY: Halve Tractors

COST: \$78,000



M-316 Heavy Cargo Truck



Meters
2
1
0

TYPE: Heavy Cargo Truck

CREW: Driver, Co-Driver

WEIGHT: 7,200 kg

ARMOR: Suspension: 0.2 All Others: 0.4

CARGO: 12,000 kg

MAXIMUM SPEED: 120 kph

CRUISING SPEED: 90 kph

POWER PLANT: 0.2 MW Fuel Cell

FUEL CAPACITY: 150 kg H₂

FUEL CONSUMPTION: 5 kg/hour

ENDURANCE: 30 hours

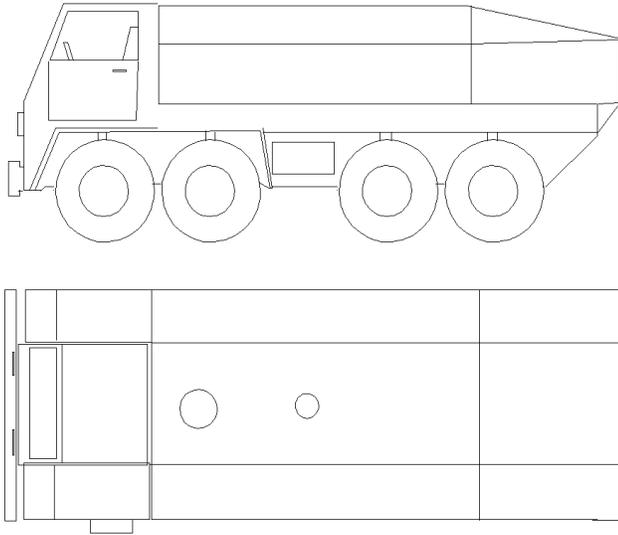
SIGNATURE: 4 **EVASION:** 1

SENSOR RANGE:

OFF ROAD MOBILITY: Quarter

COST:\$86,000.00

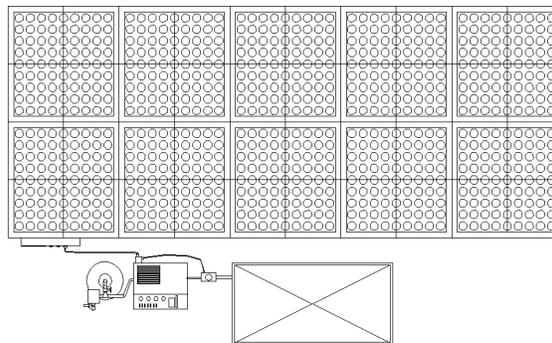
M-317 Heavy Fuel Truck



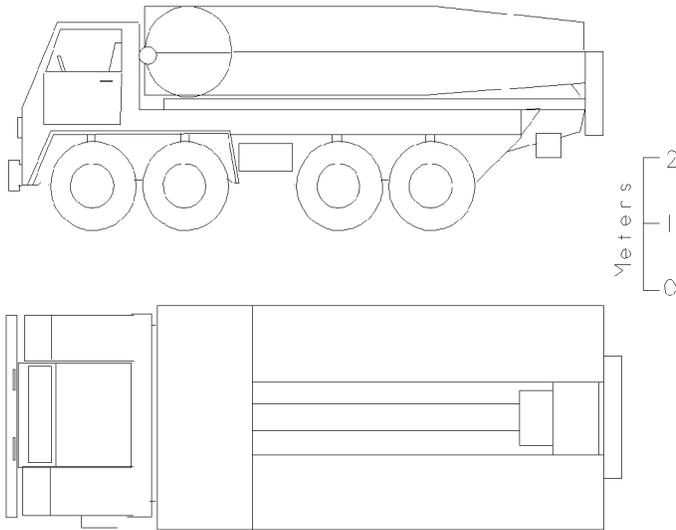
TYPE: Heavy Fuel Truck
CREW: Driver, Co-Driver
WEIGHT: 5,600 kg
ARMOR: Suspension: 0.2 All Others: 0.4
CARGO: 8000 kg H₂
MAXIMUM SPEED: 120 kph
CRUISING SPEED: 90 kph
POWER PLANT: 0.2 MW Fuel Cell
FUEL CAPACITY: 150 kg H₂
FUEL CONSUMPTION: 5 kg/hour
ENDURANCE: 30 hours
SIGNATURE: 5 **EVASION:** 1
SENSOR RANGE:
OFF ROAD MOBILITY: Quarter
COST: \$91,000.00

Fuel Station

2 - Military Fuel Stations capable of producing 500 kg of H₂ from H₂O. Self contained units with everything necessary for fuel production. (Solar Cells, Fuel and Water Pumps and all hoses.).



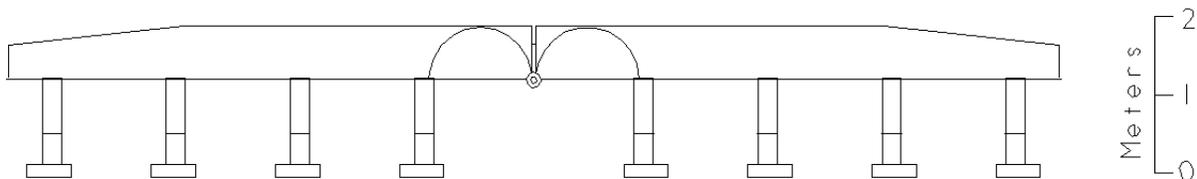
M-318 Truck Launched Bridge



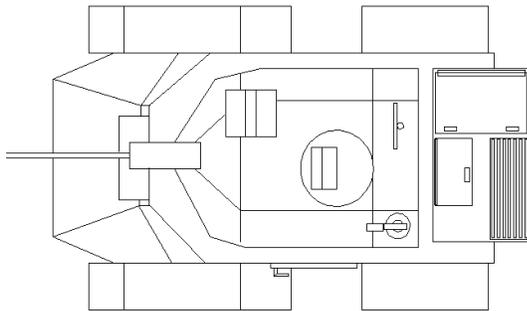
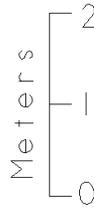
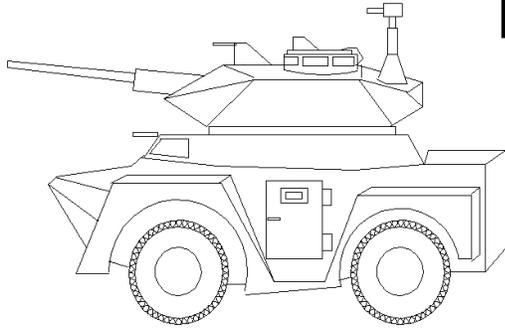
- TYPE:** Medium Portable Bridge Carrier
- CREW:** Driver, Co-Driver
- WEIGHT:** 5,600 kg
- ARMOR:** Suspension: 0.2 All Others: 0.4
- CARGO:** 1 - Class 25 Bridge Section (12 m)
- MAXIMUM SPEED:** 120 kph
- CRUISING SPEED:** 90 kph
- POWER PLANT:** 0.2 MW Fuel Cell
- FUEL CAPACITY:** 150 kg H₂
- FUEL CONSUMPTION:** 5 kg/hour
- ENDURANCE:** 30 hours
- SIGNATURE:** 5 **EVASION:** 1
- SENSOR RANGE:**
- OFF ROAD MOBILITY:** Quarter
- COST:** \$83,000.00 + Bridge @ \$12,500.00

Bridge

Type: Truck Mobile Class 25 12 meter long bridge section. May be linked together to form a bridge 60 meters long. (5 sections)



M-520 Scout Car



TYPE: Armored Scout Car

CREW: Driver, Gunner, Commander

WEIGHT: 4,300 kg

ARMOR: Suspension: 0.6 All Others: 1

CARGO: 20 Troops w/250 kg equipment

MAXIMUM SPEED: 180 kph

CRUISING SPEED: 110 kph

POWER PLANT: 0.15 MW Fuel Cell

FUEL CAPACITY: 60 kg H₂

FUEL CONSUMPTION: 2 kg/hour

ENDURANCE: 30 hours

SIGNATURE: 4 **EVASION:** 10

SENSOR RANGE: 10,000 meters

OFF ROAD MOBILITY: 3/4

COST: \$78,000.00

ARMAMENT

1 - CLP-1A Plasm Gun

Aimed Fire Range: Cl=400 Ef=1200 Lg=1600 Ex=2400

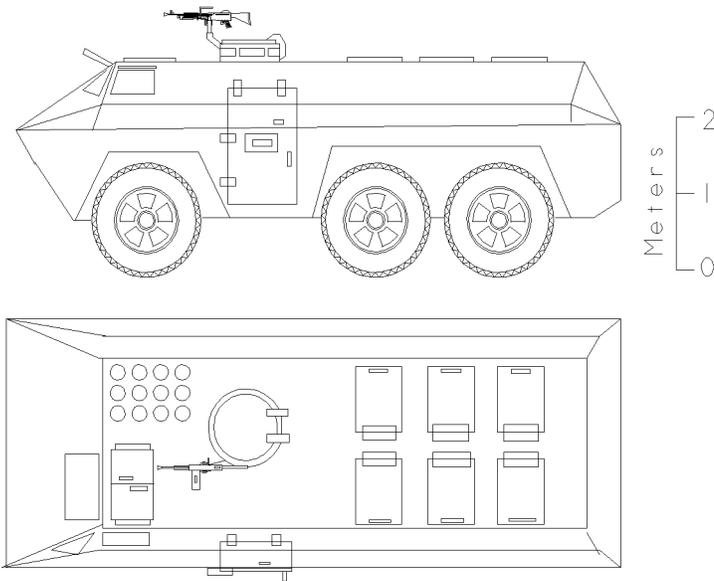
Range Finder: +4

Rate of Fire: 5

Rounds Carried 200/in 25 round cassetts

DPV: As tamped explosion (EP=15)

M-530 Wheeled Armored Personnel Carrier



TYPE: Wheeled Armored Personnel Carrier

CREW: Driver, Commander

WEIGHT: 6,300 kg

ARMOR: Suspension: 1 All Others: 5

CARGO: 6 man Squad w/150 kg equipment

MAXIMUM SPEED: 150 kph

CRUISING SPEED: 110 kph

POWER PLANT: 0.35 MW Fuel Cell

FUEL CAPACITY: 150 kg H₂

FUEL CONSUMPTION: 5 kg/hour

ENDURANCE: 30 hours

SIGNATURE: 3 **EVASION:** 8

SENSOR RANGE: 6000 meters

OFF ROAD MOBILITY: 3/4

COST: \$105,000.00

ARMAMENT

1 - M-955 Browning Light Machine Gun 5.5mm

Rate of Fire: 4	Cl	Ef	Lg	Ex
Aim Rg	350	700	1000	1400
DPV:	1.5	1	0.5	0.3
Rounds per Burst = 10				
Area Rg	200	400	800	1000
AFV	1	1	0.5	0.3
DPV:	1.5	1	0.5	0.5
Rounds per Burst = 20				

12 - M-8810 Anti-Air/Vehicle Missiles (Vertical Launch)

Range: 2000 meters

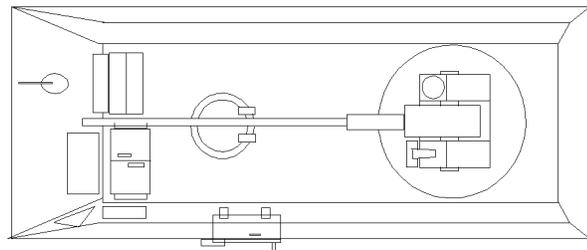
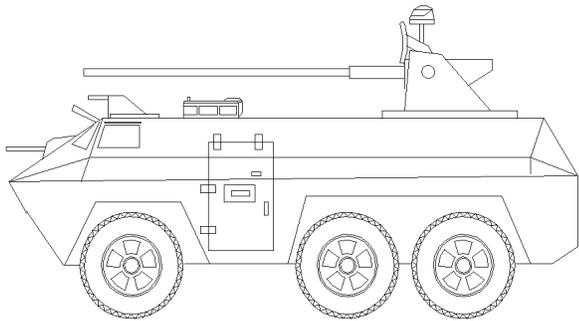
Guidance: Automatic after lock on

Homing Value: 18

Attack Angle: Selectable

DPV: as tamped explosion (EP = 15)

M-535 Wheeled Light Tank



Meters
2
1
0

TYPE: 6 Wheeled Light Tank

CREW: Driver, Gunner, Commander

WEIGHT: 6,900 kg

ARMOR: Suspension: 1 All Others: 5

CARGO: None

MAXIMUM SPEED: 150 kph

CRUISING SPEED: 110 kph

POWER PLANT: 0.35 MW Fuel Cell

FUEL CAPACITY: 150 kg H₂

FUEL CONSUMPTION: 5 kg/hour

ENDURANCE: 30 hours

SIGNATURE: 3 **EVASION:** 8

SENSOR RANGE: 6000 meters

OFF ROAD MOBILITY: 3/4

COST: \$146,000.00

ARMAMENT

1 - 6 cm Mass Driver gun in remote turret

Aimed Fire Range: Cl 500 Ef 1000 Lg 2000 Ex 3000

Range Finder +4

Rate of Fire: 4

Rounds Carried: 150

DPV: Cl 96 Ef 75 Lg 52 Ex 35

1 - M-955 Browning Light Machine Gun 5.5mm

Rate of Fire: 4 Cl Ef Lg Ex

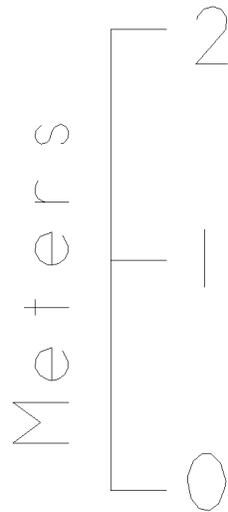
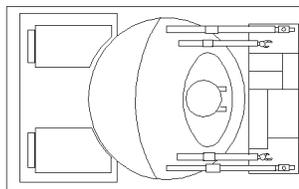
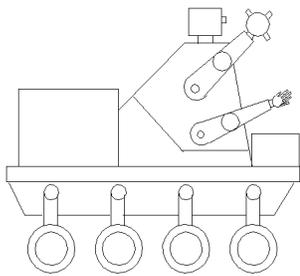
Area Rg 200 400 800 1000

AFV 1 1 0.5 0.3

DPV: 1.5 1 0.5 0.5

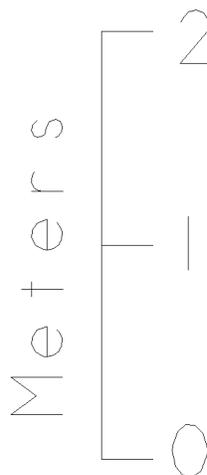
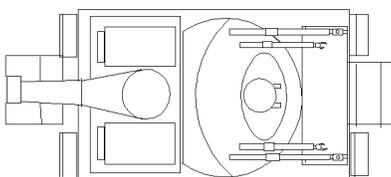
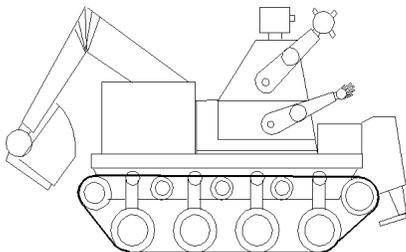
Rounds per Burst = 20

M-78 Construction Robot



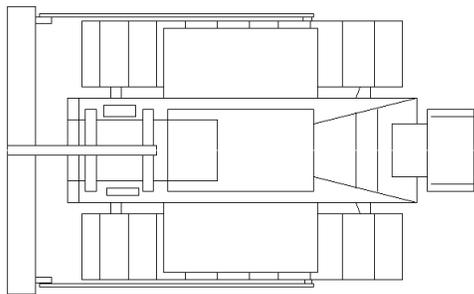
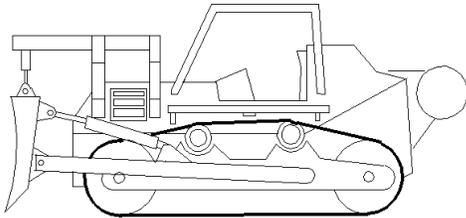
TYPE: Semi-Autonomous Construction Robot
CONTROL: One Engineer can control 5 robots.
WEIGHT: 250 kg
ARMOR: 0.1 All Surfaces
CARGO: None
MAXIMUM SPEED: 10 kph
OPERATING SPEED: 1 kph
POWER PLANT: 0.15 kW Fuel Cell
FUEL CAPACITY: 5 kg H₂
FUEL CONSUMPTION: 0.25 kg/hour
ENDURANCE: 20 hours
SIGNATURE: 0.5 **EVASION:** 2
SENSOR RANGE: 100 meters
OFF ROAD MOBILITY: Half
COST: \$15,000

M-79 Combat Engineer Robot



TYPE: Semi-Autonomous Combat Engineer Robot
CONTROL: One Engineer can control 4 robots.
WEIGHT: 525 kg
ARMOR: 0.5 All Surfaces
CARGO: None
MAXIMUM SPEED: 40 kph
OPERATING SPEED: 25 kph
POWER PLANT: 0.25 kW Fuel Cell
FUEL CAPACITY: 10 kg H₂
FUEL CONSUMPTION: 0.4 kg/hour
ENDURANCE: 22 hours
SIGNATURE: 0.7 **EVASION:** 4
SENSOR RANGE: 1000 meters
OFF ROAD MOBILITY: Full
COST: \$38,000
Notes: Has internal mine detector and back hoe.

Military Bulldozer



TYPE: Bulldozer

CREW: Driver

WEIGHT: 15,000 kg

ARMOR: Front 40 Suspension 20 All other 10

CARGO: None

MAXIMUM SPEED: 25 kph

CRUISING SPEED: 12 kph

POWER PLANT: 0.5 MW Fuel Cell

FUEL CAPACITY: 50 kg H₂

FUEL CONSUMPTION: 10 kg/hour

ENDURANCE: 5 hours

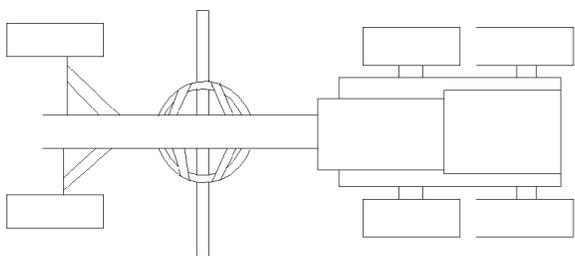
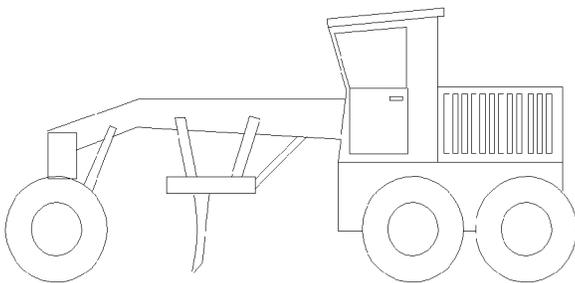
SIGNATURE: 5 **EVASION:** -3

SENSOR RANGE: None

OFF ROAD MOBILITY: Full

COST: \$112,000

Military Road Grader



TYPE: Road Grader

CREW: Driver

WEIGHT: 8,500 kg

ARMOR: 0.2 all faces

CARGO: None

MAXIMUM SPEED: 50 kph

CRUISING SPEED: 25 kph

POWER PLANT: 0.5 MW Fuel Cell

FUEL CAPACITY: 100 kg H₂

FUEL CONSUMPTION: 5 kg/hour

ENDURANCE: 12 hours 30 minutes

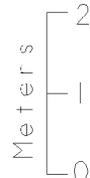
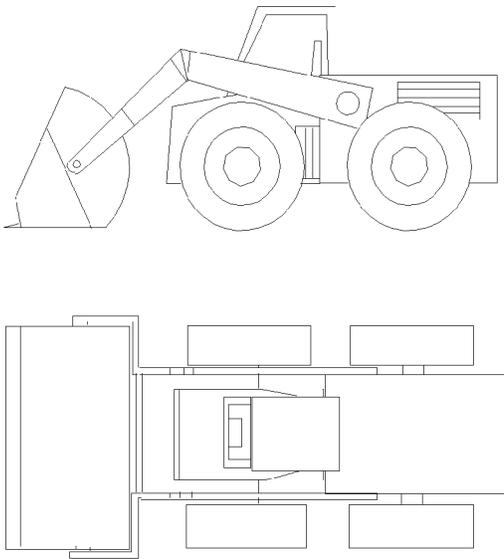
SIGNATURE: 5 **EVASION:** 1

SENSOR RANGE: None

OFF ROAD MOBILITY: 3/4

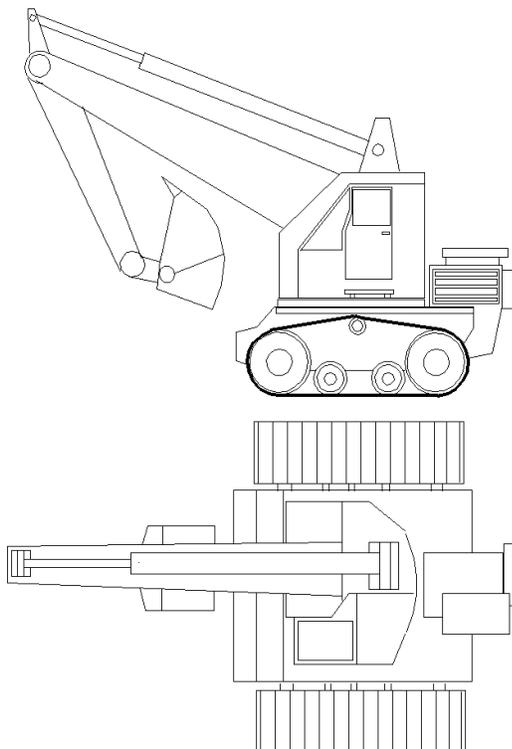
COST: \$125,000.00

Military Front Loader



TYPE: Front Loader
CREW: Driver
WEIGHT: 7,000 kg
ARMOR: All Faces 0.4
CARGO: None
MAXIMUM SPEED: 40 kph
CRUISING SPEED: 20 kph
POWER PLANT: 0.25 MW Fuel Cell
FUEL CAPACITY: 30 kg H₂
FUEL CONSUMPTION: 3 kg/hour
ENDURANCE: 10 hours
SIGNATURE: 4 **EVASION:** 1
SENSOR RANGE: None
OFF ROAD MOBILITY: Quartered
COST: \$78,500

Military Excavation Shovel



TYPE: Heavy Excavation Shovel
CREW: Operator
WEIGHT: 10,500 kg
ARMOR: 0.5 all faces
CARGO: None
MAXIMUM SPEED: 10 kph
CRUISING SPEED: 10 kph
POWER PLANT: 500 kW Fuel Cell
FUEL CAPACITY: 50 kg H₂
FUEL CONSUMPTION: 6 kg/hour
ENDURANCE: 6 hours 15 minutes
SIGNATURE: 7 **EVASION:** -4
SENSOR RANGE: None
OFF ROAD MOBILITY: Full
COST: \$196,000.00

M-101 Road Constructor

TYPE: Self Contained Road Construction Machine

CREW: Operator, Engineer

WEIGHT: 97,000 kg

ARMOR: All Faces 0.4

CARGO: None

MAXIMUM SPEED: 30 kph While not operating

OPERATING SPEED: 1 kph of finished road

POWER PLANT: 2 - 1 MW MHD Turbines

FUEL CAPACITY: 4000 kg H₂

FUEL CONSUMPTION: 400 kg/hour

ENDURANCE: 10 hours

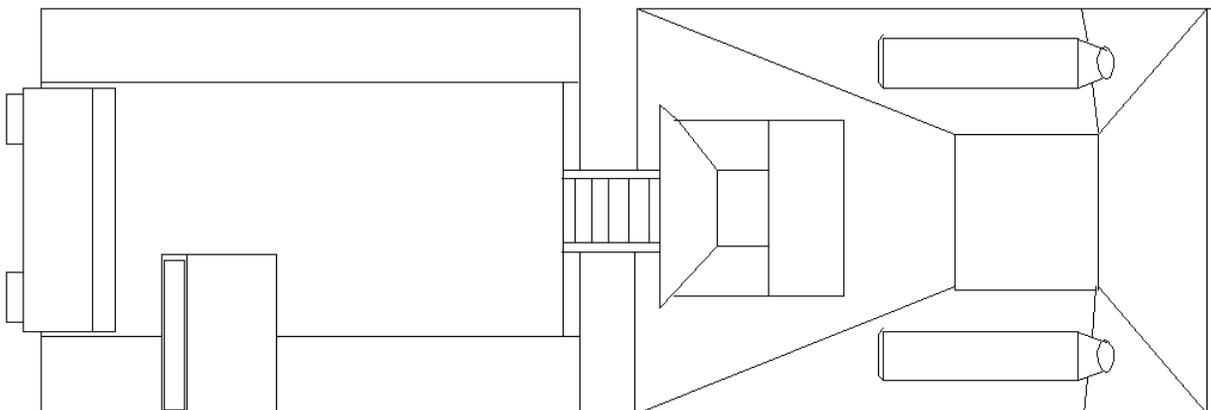
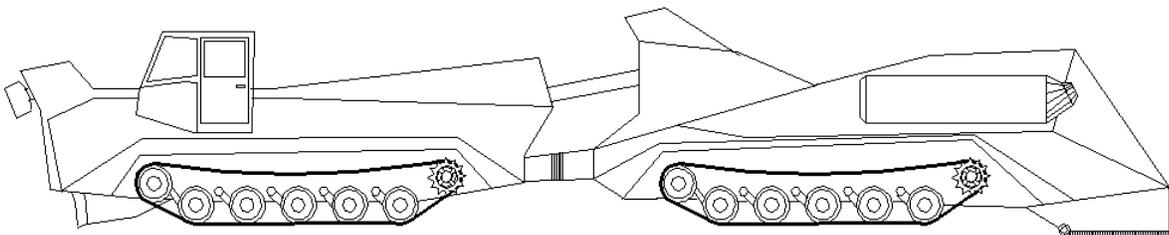
SIGNATURE: 12 **EVASION:** -6

SENSOR RANGE: None

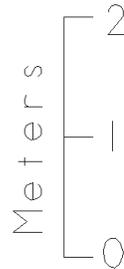
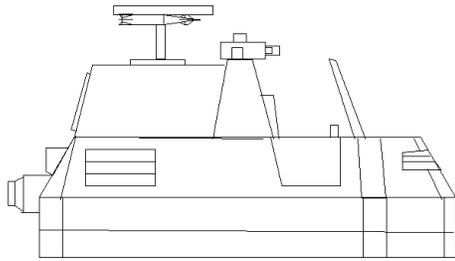
OFF ROAD MOBILITY: 10% Maximum Grade with a 5% side slope while operating
Minimum turn radius 50 meters
Full while moving without building

COST: 2,544,460.00

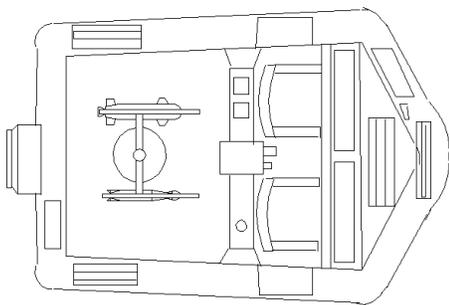
Notes: Designed to produce 20 kilometers of finished one lane surfaced road in 24 hours of operation. Normally works in groups of two which allows the construction of 20 kilometers of finished two lane road per day.



M-25MC Missile Carrier

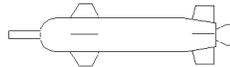


TYPE: Hover AT/AA Missile Carrier
CREW: Driver, Gunner
WEIGHT: 1,200 kg
ARMOR: Plenum: 0.3 All Others: 1
CARGO: N/A
MAXIMUM SPEED: 240 kph
CRUISING SPEED: 200 kph
POWER PLANT: 0.25 MW MHD Turbine
FUEL CAPACITY: 120 kg H₂
FUEL CONSUMPTION: 9 kg/hour
ENDURANCE: 13 hours 12 minutes
SIGNATURE: 2 **EVASION:** 9
SENSOR RANGE: 10,000 meters
OFF ROAD MOBILITY: Full
COST: \$51,000.00

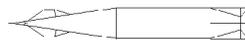


ARMAMENT

5 - M-318 Anti-Vehicle Missiles
 Range: 8000 meters
 Guidance: Automatic
 Homing Value: 21
 Attack Angle: Selectable
 DP: As Tamped Explosion (EP=70)



5 - M-240 Heat Seeking Anti-Air Missiles
 Range: 7000 meters
 Guidance: Auto/After Lock -On
 Attack Angle: Direct
 DP: As Tamped Explosion (EP=3)



M-26 Hover Jeep

TYPE: Hover Utility Vehicle

CREW: Driver, 3 Passengers

WEIGHT: 1,100 kg

ARMOR: Plenum: 0.3 All Others: 1

CARGO: 250 kg

MAXIMUM SPEED: 240 kph

CRUISING SPEED: 200 kph

POWER PLANT: 0.25 MW MHD Turbine

FUEL CAPACITY: 120 kg H₂

FUEL CONSUMPTION: 9 kg/hour

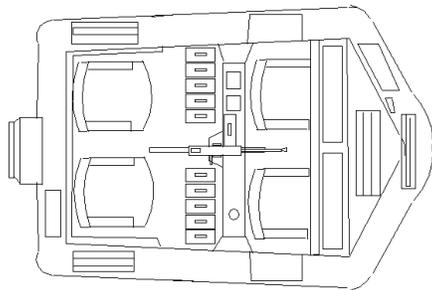
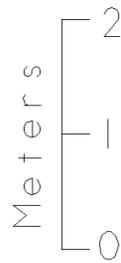
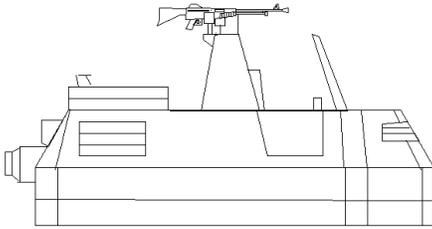
ENDURANCE: 13 hours 12 minutes

SIGNATURE: 2 **EVASION:** 9

SENSOR RANGE:

OFF ROAD MOBILITY: Full

COST: \$25,000.00



ARMAMENT

1 - M-955 Browning Light Machine Gun 5.5mm

ROF = 4	Cl	Ef	Lg	Ex
Aim Rg	350	700	1000	1400
DPV:	1.5	1	0.5	0.3
Rounds per Burst = 10				
Area Rg	200	400	800	1000
AFV	1	1	0.5	0.3
DPV:	1.5	1	0.5	0.5
Rounds per Burst = 20				

M-26A1 Hover Jeep

TYPE: Hover Utility Vehicle

CREW: Driver, 2 Passengers

WEIGHT: 1,050 kg

ARMOR: Plenum: 0.3 All Others: 1

CARGO: 400 kg

MAXIMUM SPEED: 240 kph

CRUISING SPEED: 200 kph

POWER PLANT: 0.25 MW MHD Turbine

FUEL CAPACITY: 120 kg H₂

FUEL CONSUMPTION: 9 kg/hour

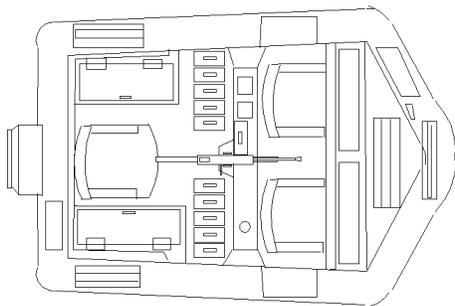
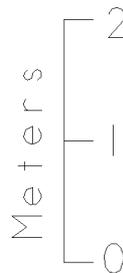
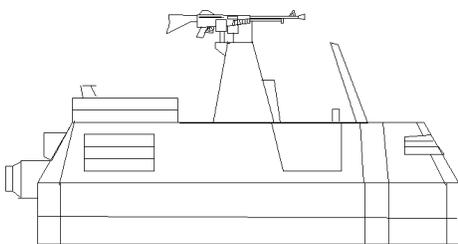
ENDURANCE: 13 hours 12 minutes

SIGNATURE: 2 **EVASION:** 9

SENSOR RANGE:

OFF ROAD MOBILITY: Full

COST: \$25,650.00



ARMAMENT

1 - M-955 Browning Light Machine Gun 5.5mm

ROF = 4	Cl	Ef	Lg	Ex
Aim Rg	350	700	1000	1400
DPV:	1.5	1	0.5	0.3
Rounds per Burst = 10				
Area Rg	200	400	800	1000
AFV	1	1	0.5	0.3
DPV:	1.5	1	0.5	0.5
Rounds per Burst = 20				

M-27 Mortar Carrier

TYPE: Hover Mortar Carrier

CREW: Driver, Gunner

WEIGHT: 1,270 kg

ARMOR: Plenum: 0.3 All Others: 1

CARGO: 400 kg

MAXIMUM SPEED: 240 kph

CRUISING SPEED: 200 kph

POWER PLANT: 0.25 MW MHD Turbine

FUEL CAPACITY: 120 kg H₂

FUEL CONSUMPTION: 9 kg/hour

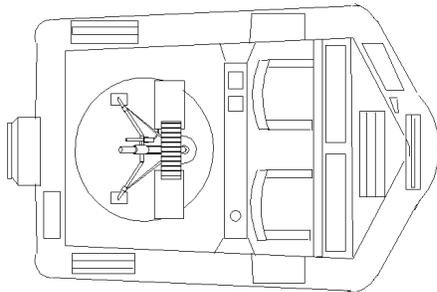
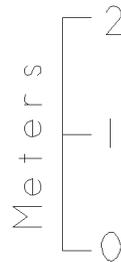
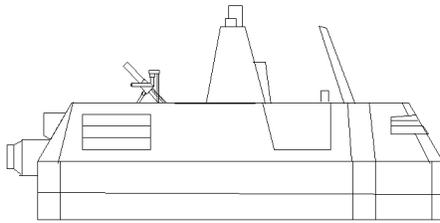
ENDURANCE: 13 hours 12 minutes

SIGNATURE: 2 **EVASION:** 9

SENSOR RANGE:

OFF ROAD MOBILITY: Full

COST: \$38,000.00



ARMAMENT

1 - 60mm Auto Mortar

Range: 8000 meters

Rate of Fire: 30 rounds/minute

Ammunition Storage: 150 rounds

Ammunition Types: WASP

DP = 4 (frag +3 m burst area)

Normal Loadout of Ammunition: 150 - WASP

M-28 Light Hover PC

TYPE: Light Hover Personnel Carrier

CREW: Driver, Commander/Gunner

WEIGHT: 2,200 kg

ARMOR: Plenum: 0.2 All Others: 0.5

CARGO: 6 personnel + 300 kg

MAXIMUM SPEED: 200 kph

CRUISING SPEED: 180 kph

POWER PLANT: 0.4 MW MHD Turbine

FUEL CAPACITY: 180 kg H₂

FUEL CONSUMPTION: 12 kg/hour

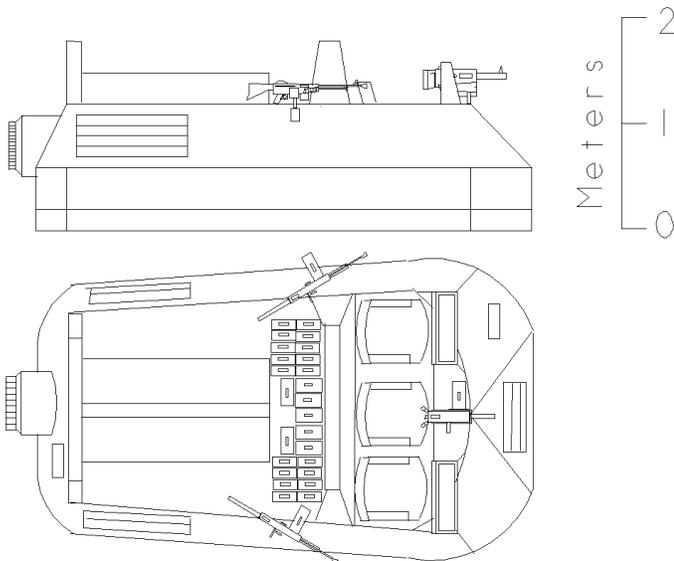
ENDURANCE: 15 hours

SIGNATURE: 3 **EVASION:** 8

SENSOR RANGE:

OFF ROAD MOBILITY: Full

COST: \$36,000.00



ARMAMENT

2 - M-955 Browning Light Machine Gun 5.5mm

ROF = 4	Cl	Ef	Lg	Ex
Aim Rg	350	700	1000	1400
DPV:	1.5	1	0.5	0.3
Rounds per Burst = 10				
Area Rg	200	400	800	1000
AFV	1	1	0.5	0.3
DPV:	1.5	1	0.5	0.5
Rounds per Burst = 20				
Rounds carried: 2200 per gun				

1 - Mk-91 Automatic Grenade Launcher

ROF = 3	Cl	Ef	Lg	Ex
	500	1000	1500	1800
DPV: HE as explosion (EP=4)				
APHE as tamped explosion (EP=6)				
Rounds per burst = 5				
Rounds carried: 175 HE				
25 APHE				

M-30 Hover Cargo Carrier

TYPE: Light Hover Cargo Carrier

CREW: Driver, Commander

WEIGHT: 2,150 kg

ARMOR: Plenum: 0.2 All Others: 0.5

CARGO: 1200 kg

MAXIMUM SPEED: 200 kph

CRUISING SPEED: 180 kph

POWER PLANT: 0.4 MW MHD Turbine

FUEL CAPACITY: 180 kg H₂

FUEL CONSUMPTION: 12 kg/hour

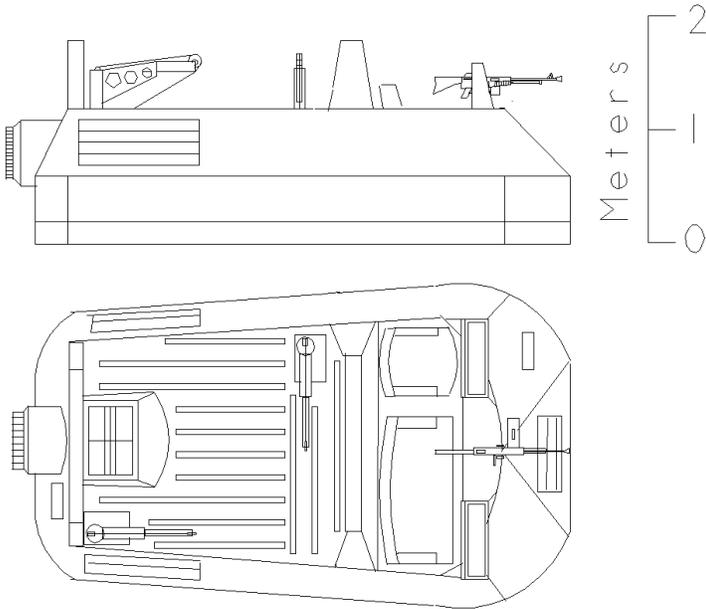
ENDURANCE: 15 hours

SIGNATURE: 3 **EVASION:** 8

SENSOR RANGE:

OFF ROAD MOBILITY: Full

COST: \$28,850.00

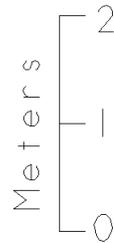
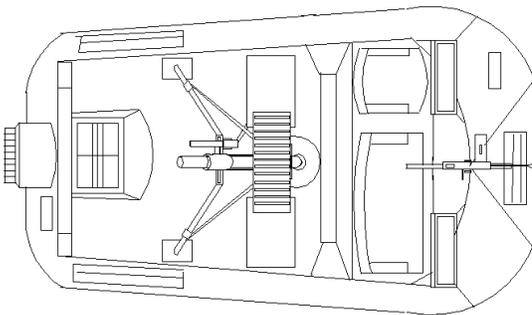
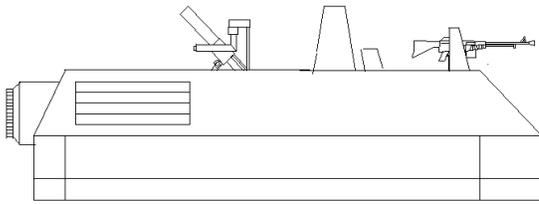


ARMAMENT

1 - M-955 Browning Light Machine Gun 5.5mm

ROF = 4	Cl	Ef	Lg	Ex
Aim Rg	350	700	1000	1400
DPV:	1.5	1	0.5	0.3
Rounds per Burst = 10				
Area Rg	200	400	800	1000
AFV	1	1	0.5	0.3
DPV:	1.5	1	0.5	0.5
Rounds per Burst = 20				
Rounds carried: 600				

M-31 Mortar Carrier



TYPE: 81mm Mortar Carrier
CREW: Driver, Gunner
WEIGHT: 2,100 kg
ARMOR: Plenum: 0.2 All Others: 0.5
CARGO: None
MAXIMUM SPEED: 200 kph
CRUISING SPEED: 180 kph
POWER PLANT: 0.4 MW MHD Turbine
FUEL CAPACITY: 180 kg H₂
FUEL CONSUMPTION: 12 kg/hour
ENDURANCE: 15 hours
SIGNATURE: 3 **EVASION:** 8
SENSOR RANGE:
OFF ROAD MOBILITY: Full
COST: \$37,350.00

ARMAMENT

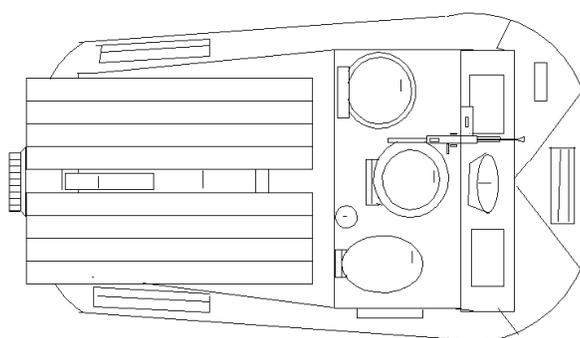
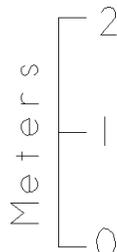
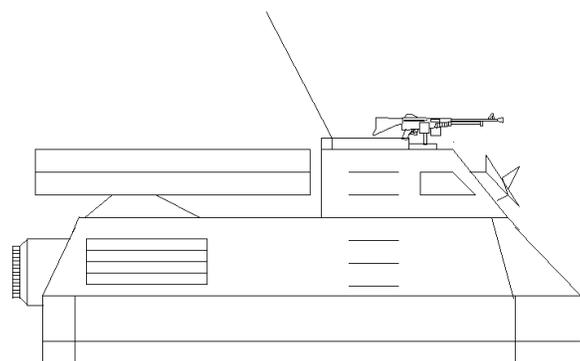
1 - M-955 Browning Light Machine Gun 5.5mm

ROF = 4	Cl	Ef	Lg	Ex
Aim Rg	350	700	1000	1400
DPV:	1.5	1	0.5	0.3
Rounds per Burst = 10				
Area Rg	200	400	800	1000
AFV	1	1	0.5	0.3
DPV:	1.5	1	0.5	0.5
Rounds per Burst = 20				
Rounds carried: 600				

1 - 81mm Auto Mortar
 Range: 9500 meters
 Rate of Fire: 20 rounds/minute
 Ammunition Storage = 200 rounds
 Ammunition Types: WASP
 DP = 6 (frag +5 m burst area)

Normal Loadout of Ammunition 200 - WASP

M-32 LHRA



TYPE: Light Hover Rocket Artillery

CREW: Driver, Commander and Gunner

WEIGHT: 2,500 kg

ARMOR: Plenum: 0.2 All Others: 0.5

CARGO: None

MAXIMUM SPEED: 200 kph

CRUISING SPEED: 180 kph

POWER PLANT: 0.4 MW MHD Turbine

FUEL CAPACITY: 180 kg H₂

FUEL CONSUMPTION: 12 kg/hour

ENDURANCE: 15 hours

SIGNATURE: 3 **EVASION:** 8

SENSOR RANGE: None(Sat Comm Ability)

OFF ROAD MOBILITY: Full

COST: \$37,350.00

ARMAMENT

1 - M-955 Browning Light Machine Gun 5.5mm

ROF = 4	Cl	Ef	Lg	Ex
Aim Rg	350	700	1000	1400
DPV:	1.5	1	0.5	0.3
Rounds per Burst = 10				
Area Rg	200	400	800	1000
AFV	1	1	0.5	0.3
DPV:	1.5	1	0.5	0.5
Rounds per Burst = 20				
Rounds carried: 600				

16 - 120mm Artillery Rockets

Range: 35,000 meters

ROF = 3

Guidance: Automatic (after Gunner Lock-on) or
Laser Homing or
Free Flight

DP: APHE As Tamped Explosion (EP=30)

WASP (DP= 6) (250 m burst Radius)

Obscuration (DP=3) (no fragmentation)

20 m high X 100 m long

10 seconds to deploy

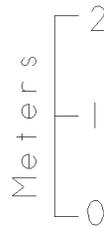
360 seconds of obscuration



Normal Load Carried: 10 - WASP
2 - APHE
4 - Obscuration

M-34 LHARC

TYPE: Light Hover Artillery Rocket Carrier



CREW: Driver, Commander

WEIGHT: 2,200 kg

ARMOR: Plenum: 0.2 All Others: 0.5

CARGO: 120mm Rockets 10 - WASP, 2 - APHE,
4 - Obscuration

MAXIMUM SPEED: 200 kph

CRUISING SPEED: 180 kph

POWER PLANT: 0.4 MW MHD Turbine

FUEL CAPACITY: 180 kg H₂

FUEL CONSUMPTION: 12 kg/hour

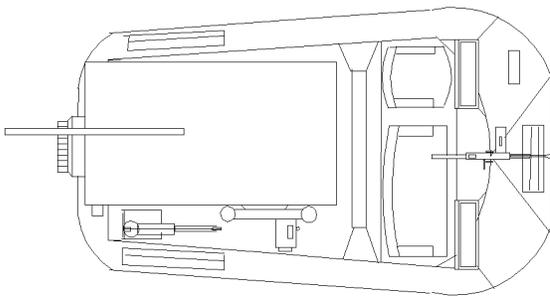
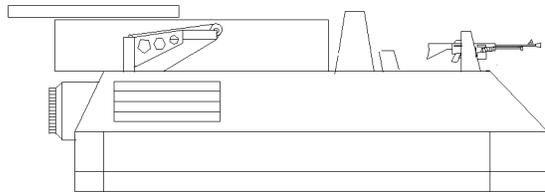
ENDURANCE: 15 hours

SIGNATURE: 4 **EVASION:** 8

SENSOR RANGE:

OFF ROAD MOBILITY: Full

COST: \$31,600.00

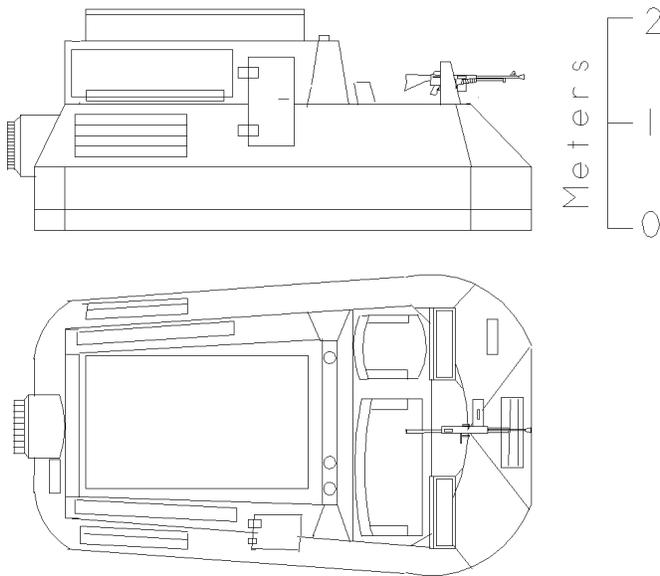


ARMAMENT

1 - M-955 Browning Light Machine Gun 5.5mm

ROF = 4	Cl	Ef	Lg	Ex
Aim Rg	350	700	1000	1400
DPV:	1.5	1	0.5	0.3
Rounds per Burst = 10				
Area Rg	200	400	800	1000
AFV	1	1	0.5	0.3
DPV:	1.5	1	0.5	0.5
Rounds per Burst = 20				
Rounds carried: 600				

M-36 Hover Ambulance



CREW: Driver, Commander, 2 Medics

WEIGHT: 2,325 kg

ARMOR: Plenum: 0.2 All Others: 0.5

CARGO: 2 Lightweight Automeds

MAXIMUM SPEED: 200 kph

CRUISING SPEED: 180 kph

POWER PLANT: 0.4 MW MHD Turbine

FUEL CAPACITY: 180 kg H₂

FUEL CONSUMPTION: 12 kg/hour

ENDURANCE: 15 hours

SIGNATURE: 4 **EVASION:** 8

SENSOR RANGE:

OFF ROAD MOBILITY: Full

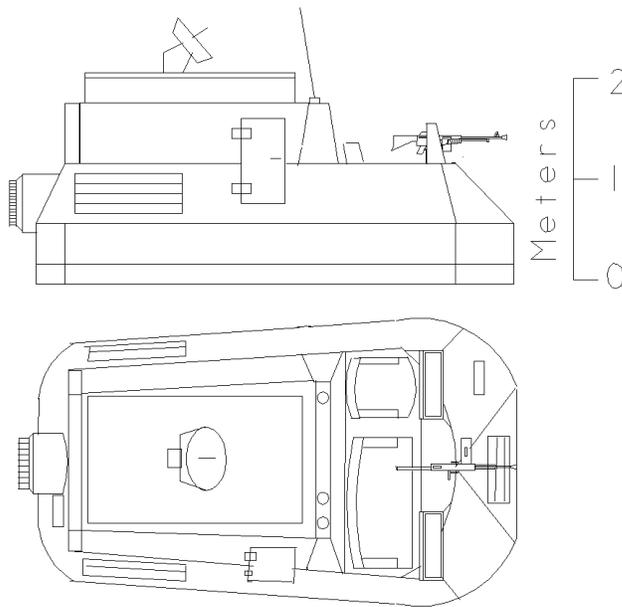
COST: \$33,000.00

ARMAMENT

1 - M-955 Browning Light Machine Gun 5.5mm

ROF = 4	Cl	Ef	Lg	Ex
Aim Rg	350	700	1000	1400
DPV:	1.5	1	0.5	0.3
Rounds per Burst = 10				
Area Rg	200	400	800	1000
AFV	1	1	0.5	0.3
DPV:	1.5	1	0.5	0.5
Rounds per Burst = 20				
Rounds carried: 600				

M-38 Hover Command Post



TYPE: Light Hover Command Post

CREW: Driver, Commander, 4 Staff Personnel

WEIGHT: 2,405 kg

ARMOR: Plenum: 0.2 All Others: 0.5

CARGO: None

MAXIMUM SPEED: 200 kph

CRUISING SPEED: 180 kph

POWER PLANT: 0.4 MW MHD Turbine

FUEL CAPACITY: 180 kg H₂

FUEL CONSUMPTION: 12 kg/hour

ENDURANCE: 15 hours

SIGNATURE: 4 **EVASION:** 8

SENSOR RANGE: None(Sat Comm Ability)

OFF ROAD MOBILITY: Full

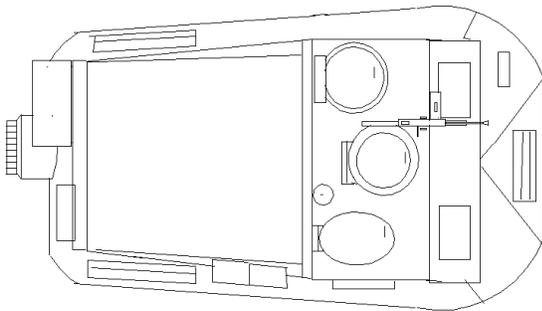
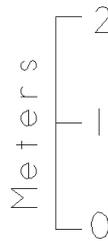
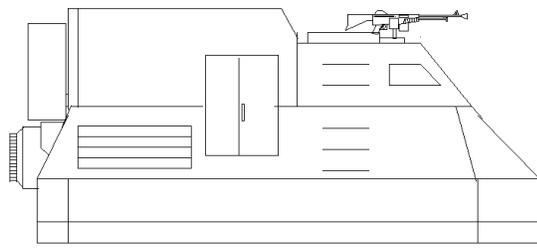
COST: \$37,480.00

ARMAMENT

1 - M-955 Browning Light Machine Gun 5.5mm

ROF = 4	Cl	Ef	Lg	Ex
Aim Rg	350	700	1000	1400
DPV:	1.5	1	0.5	0.3
Rounds per Burst = 10				
Area Rg	200	400	800	1000
AFV	1	1	0.5	0.3
DPV:	1.5	1	0.5	0.5
Rounds per Burst = 20				
Rounds carried: 1200				

M-39 Hover Work Shop



TYPE: Maintenance Workshop

CREW: Driver, Commander, 3 Mechanics

WEIGHT: 2,347 kg

ARMOR: Plenum: 0.2 All Others: 0.5

CARGO: None

MAXIMUM SPEED: 200 kph

CRUISING SPEED: 180 kph

POWER PLANT: 0.4 MW MHD Turbine

FUEL CAPACITY: 180 kg H₂

FUEL CONSUMPTION: 12 kg/hour

ENDURANCE: 15 hours

SIGNATURE: 4 **EVASION:** 8

SENSOR RANGE:

OFF ROAD MOBILITY: Full

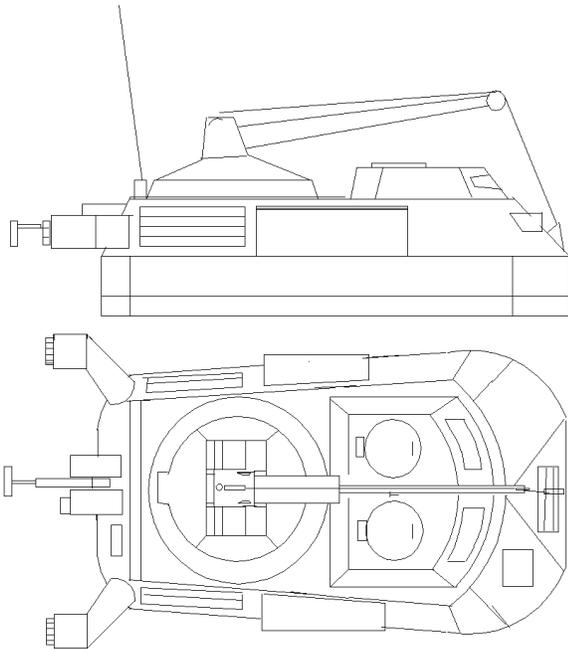
COST: \$31,500.00

ARMAMENT

1 - M-955 Browning Light Machine Gun 5.5mm

ROF = 4	Cl	Ef	Lg	Ex
Aim Rg	350	700	1000	1400
DPV:	1.5	1	0.5	0.3
Rounds per Burst = 10				
Area Rg	200	400	800	1000
AFV	1	1	0.5	0.3
DPV:	1.5	1	0.5	0.5
Rounds per Burst = 20				
Rounds carried: 1200				

M-40 Hover Wrecker



TYPE: Light Hover Wrecker

CREW: Driver, Commander

WEIGHT: 2,130 kg

ARMOR: Plenum: 0.2 All Others: 0.5

CARGO: None(May tow any light hover veh)

MAXIMUM SPEED: 200 kph/150 kph towing

CRUISING SPEED: 180 kph/120 kph towing

POWER PLANT: 0.4 MW MHD Turbine

FUEL CAPACITY: 180 kg H₂

FUEL CONSUMPTION: 12 kg/hour

ENDURANCE: 15 hours

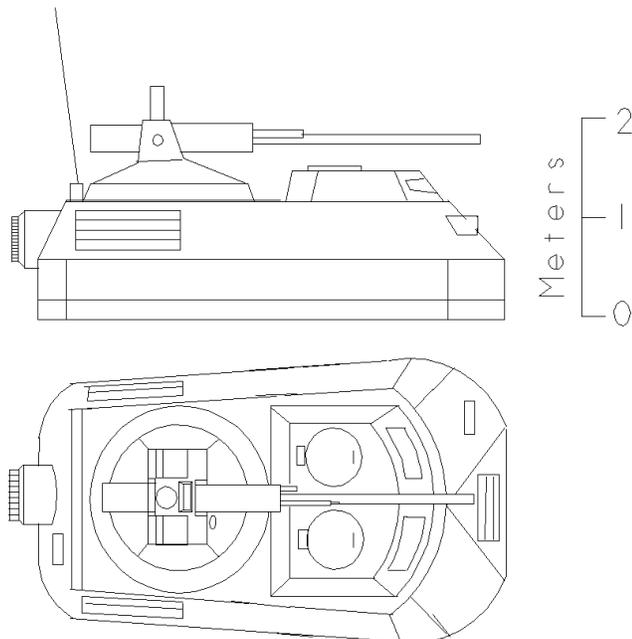
SIGNATURE: 4 **EVASION:** 8

SENSOR RANGE:

OFF ROAD MOBILITY: Full

COST: \$31,600.00

M-41 Light Hover Tank



TYPE: Light Hover Tank

CREW: Driver, Commander/Gunner

WEIGHT: 2,700 kg

ARMOR: Plenum:2 All Others: 6

CARGO: None

MAXIMUM SPEED: 200 kph

CRUISING SPEED: 180 kph

POWER PLANT: 0.4 MW MHD Turbine

FUEL CAPACITY: 150 kg H₂

FUEL CONSUMPTION: 12 kg/hour

ENDURANCE: 12 hours 30 minutes

SIGNATURE: 3 **EVASION:** 9

SENSOR RANGE: 7000 meters

OFF ROAD MOBILITY: Full

COST: \$115,000.00

ARMAMENT

1 - M-955 Browning Light Machine Gun Coaxially Mounted

ROF = 4	Cl	Ef	Lg	Ex
Area Rg	400	800	1000	1200
AFV:	3	2	1	0.5
DPV:	1	0.7	0.5	0.3

Range Finder +5

Rounds per Burst = 20

Rounds Carried: 4000 5.5mm
200 bursts

1 - Mk-91 Automatic Grenade Launcher Coaxially Mounted

ROF = 3	Cl	Ef	Lg	Ex
	500	1000	1500	1800

DPV: HE as explosion (EP=4)

Rounds per burst = 5

Rounds Carried: 500 HE
100 bursts

1 - 6cm Mass Driver Gun in Remote Turret
Aimed Fire Range: Cl 500 Ef 1500 Lg 2000 Ex 3000
Range Finder: +5
Rate of Fire: 5
Rounds Carried: 100
DPV: Cl 90 Ef 75 Lg 60 Ex 30

M-12 Hover Tank

TYPE: Hover Tank

CREW: Driver, Commander & Gunner

WEIGHT: 7,500 kg

ARMOR: Plenum:15, Front: 60, All Others: 40

CARGO: None

MAXIMUM SPEED: 240 kph

CRUISING SPEED: 210 kph

POWER PLANT: 2 - 0.3 MW MHD Turbine

FUEL CAPACITY: 300 kg H₂

FUEL CONSUMPTION: 18 kg/hour

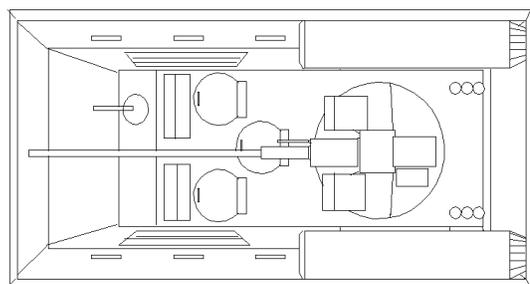
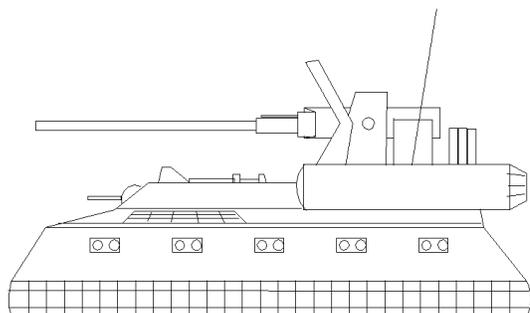
ENDURANCE: 15 hours 36 minutes

SIGNATURE: 4 **EVASION:** 8

SENSOR RANGE: 10,000 meters

OFF ROAD MOBILITY: Full

COST: \$275,000.00



ARMAMENT

1 - M-955 Browning Light Machine Gun Coaxially Mounted

ROF = 4	Cl	Ef	Lg	Ex
Area Rg	400	800	1000	1200
AFV	3	2	1	0.5
DPV:	1	0.7	0.5	0.3

Range Finder +6

Rounds per Burst = 20

Rounds Carried: 4000 5.5mm
200 bursts

1 - M-955 Browning Light Machine Gun Ball Mounted on bow

ROF = 4	Cl	Ef	Lg	Ex
Area Rg	100	200	400	600
AFV	3	2	1	0.5
DPV:	1	1	1	1

Rounds per Burst = 20

Rounds Carried: 2000 5.5mm
100 bursts

1 - 7.5cm Mass Driver Gun in Remote Turret

Aimed Fire Range: Cl 750 Ef 2000 Lg 3000 Ex 4000

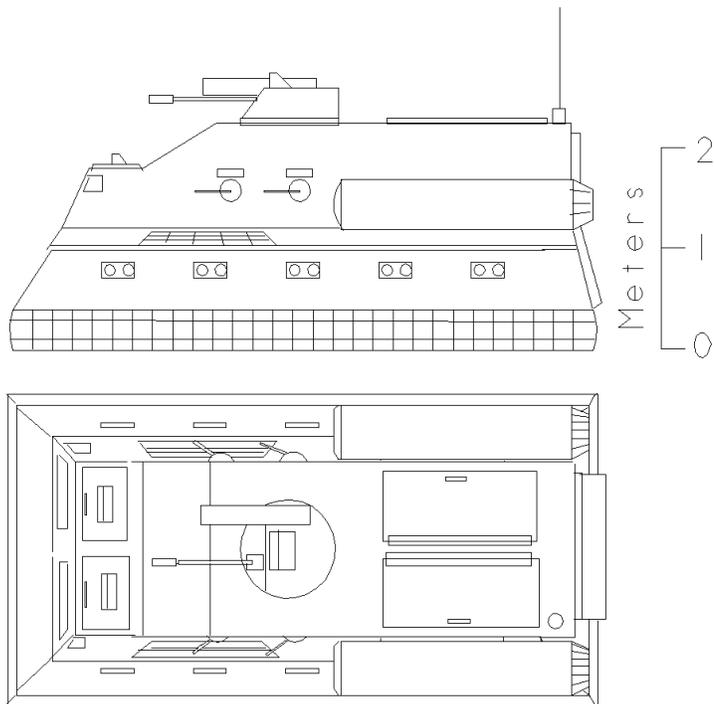
Range Finder: +6

Rate of Fire: 5

Rounds Carried: 75

DPV: Cl 125 Ef 105 Lg 90 Ex 46

M-112 Hover PC



TYPE: Hover Personnel Carrier
CREW: Driver, Commander
WEIGHT: 7,300 kg
ARMOR: Plenum: 15 Front: 60
 All Others: 40
CARGO: 7 man Squad, 500 kg Equipment
MAXIMUM SPEED: 240 kph
CRUISING SPEED: 210 kph
POWER PLANT: 2 - 0.3 MW MHD Turbines
FUEL CAPACITY: 300 kg H₂
FUEL CONSUMPTION: 18 kg/hour
ENDURANCE: 15 hours 36 minutes
SIGNATURE: 4 **EVASION:** 8
SENSOR RANGE: 8,500 meters
OFF ROAD MOBILITY: Full
COST: \$185,000.00

ARMAMENT

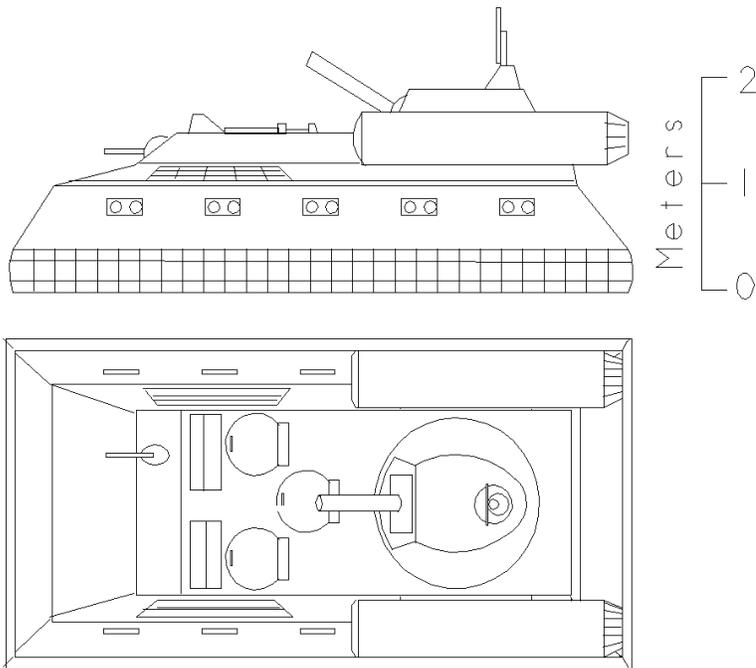
1 - CLP-1A Plasma Gun
 Aimed Fire Range: Cl 400 Ef 1200 Lg 1600 Ex 2000
 Rate of Fire: 5
 Rounds Carried: 300/in 25round cassettes
 DPV: As tamped explosion (EP=15)

4 - M-1035 Browning 4.5mm BMLMG
 ROF=2 Cl Ef Lg Ex
 Area Rg 50 100 150 175
 AFV 4 3 2 1
 DPV 0.9 0.9 0.9 0.9
 Rounds per Burst=30
 Rounds Carried: 1500/wpn 4.5mm
 50 bursts/wpn

1 - M-318 Anti-Vehicle Missile Launcher
 Range: 8000 meters
 Guidance: Automatic
 Homing Value: 21
 Attack Angle: Selectable
 DP: As Tamped Explosion (EP=70)
 Reloads Carried: 4



M-120 Mortar Carrier



TYPE: Hover Mortar Carrier
CREW: Driver, Commander, Gunner
WEIGHT: 7,100 kg
ARMOR: Plenum: 15 Front: 60
 All Others: 40
CARGO: None
MAXIMUM SPEED: 240 kph
CRUISING SPEED: 210 kph
POWER PLANT: 2 - 0.3 MW MHD Turbines
FUEL CAPACITY: 300 kg H₂
FUEL CONSUMPTION: 18 kg/hour
ENDURANCE: 15 hours 36 minutes
SIGNATURE: 4 **EVASION:** 8
SENSOR RANGE: 18,000 meters
OFF ROAD MOBILITY: Full
COST: \$194,000.00

ARMAMENT

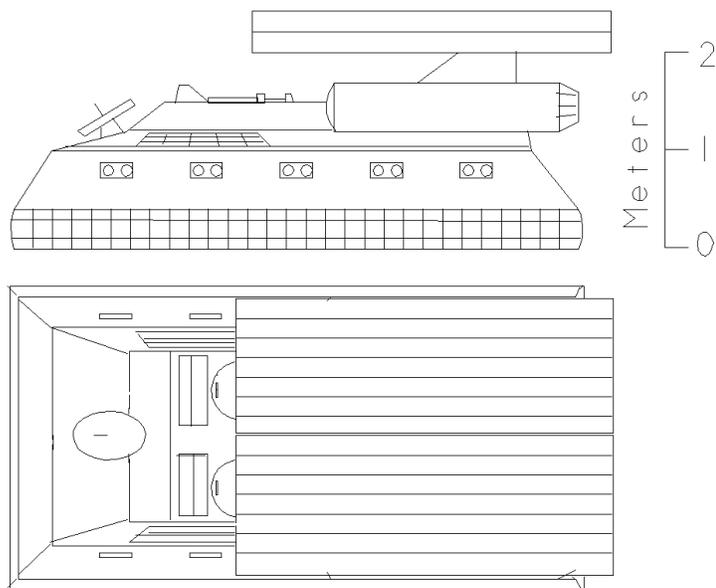
1 - 120mm Auto Mortar
 Range: 15000 meters
 Rate of Fire: 15 rounds/minute
 Ammunition Storage = 200 rounds
 Ammunition Types: APHE
 as tamped explosion (EP 15)
 WASP
 DP = 8 (frag +8 m burst area)
 Obscuration
 10meter high X 20meter long
 5 seconds to deploy
 240 seconds of obscuration
 Normal Loadout of Ammunition 25 - APHE
 150 - WASP
 25 - Obscuration

1 - M-955 Browning 5.5mm LMG Ball Mounted
 on bow

	ROF = 2	Cl	Ef	Lg	Ex
Area Range	100	200	400	600	
AFV	3	2	2	2	
DPV	1	1	1	1	

Rounds per burst = 20
 Rounds Carried: 1000/5.5mm
 50 bursts

M-212 HRA



TYPE: Hover Rocket Artillery
CREW: Driver, Commander and Gunner
WEIGHT: 6,800 kg
ARMOR: Plenum: 5, Front: 60 All Others: 30
CARGO: None
MAXIMUM SPEED: 240 kph
CRUISING SPEED: 210 kph
POWER PLANT: 2 -0.3 MW MHD Turbine
FUEL CAPACITY: 300 kg H₂
FUEL CONSUMPTION: 18 kg/hour
ENDURANCE: 15 hours 36 minutes
SIGNATURE: 5 **EVASION:** 8
SENSOR RANGE: None(Sat Comm Ability)
OFF ROAD MOBILITY: Full
COST: \$37,350.00

ARMAMENT

28 - 180mm Artillery Rockets
 Range: 45,000 meters
 ROF = 5
 Guidance: Automatic (after Gunner Lock-on) or
 Laser Homing or
 Free Flight
 DP: APHE As Tamped Explosion (EP=40)
 WASP (DP= 6) (600 m burst Radius)
 Obscuration (DP=4) (no fragmentation)
 25 m high X 125 m long
 8 seconds to deploy
 420 seconds of obscuration

Normal Load Carried: 16 - WASP
 6 - APHE
 6 - Obscuration



M-424 Hover CP

TYPE: Hover Command Post

CREW: Driver, Commander

WEIGHT: 7,060 kg

ARMOR: Plenum: 15 Front: 60
All Others: 40

CARGO: 6 staff members, 750 kg Equipment

MAXIMUM SPEED: 240 kph

CRUISING SPEED: 210 kph

POWER PLANT: 2 - 0.3 MW MHD Turbines

FUEL CAPACITY: 300 kg H₂

FUEL CONSUMPTION: 18 kg/hour

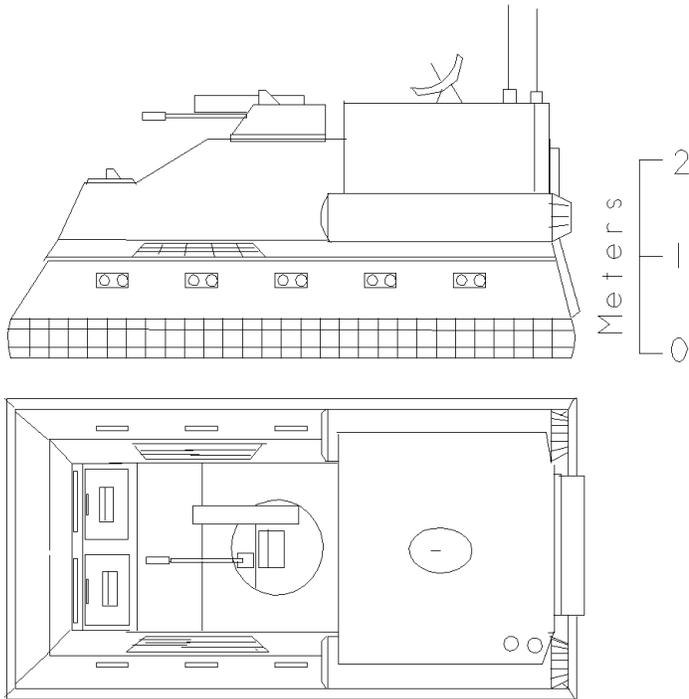
ENDURANCE: 15 hours 36 minutes

SIGNATURE: 4 **EVASION:** 8

SENSOR RANGE: 8,500 meters (Sat Comm)

OFF ROAD MOBILITY: Full

COST: \$197,000.00



ARMAMENT

1 - CLP-1A Plasma Gun

Aimed Fire Range: Cl 400 Ef 1200 Lg 1600 Ex 2000

Rate of Fire: 5

Rounds Carried: 300/in 25round cassettes

DPV: As tamped explosion (EP=15)

1 - M-318 Anti-Vehicle Missile Launcher

Range: 8000 meters

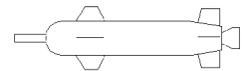
Guidance: Automatic

Homing Value: 21

Attack Angle: Selectable

DP: As Tamped Explosion (EP=70)

Reloads Carried: 2



M-425 Hover Ambulance

TYPE: Hover Ambulance

CREW: Driver, Commander

WEIGHT: 7,130 kg

ARMOR: Plenum: 15 Front: 60
All Others: 40

CARGO: 4 light weight Automeds, 3 medics

MAXIMUM SPEED: 240 kph

CRUISING SPEED: 210 kph

POWER PLANT: 2 - 0.3 MW MHD Turbines

FUEL CAPACITY: 300 kg H₂

FUEL CONSUMPTION: 18 kg/hour

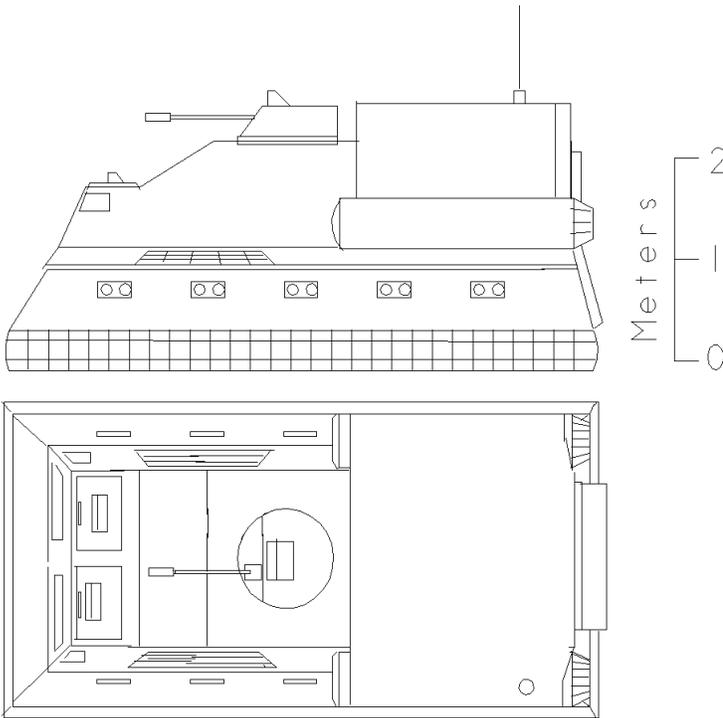
ENDURANCE: 15 hours 36 minutes

SIGNATURE: 4 **EVASION:** 8

SENSOR RANGE:

OFF ROAD MOBILITY: Full

COST: \$207,000.00



ARMAMENT

1 - CLP-1A Plasma Gun

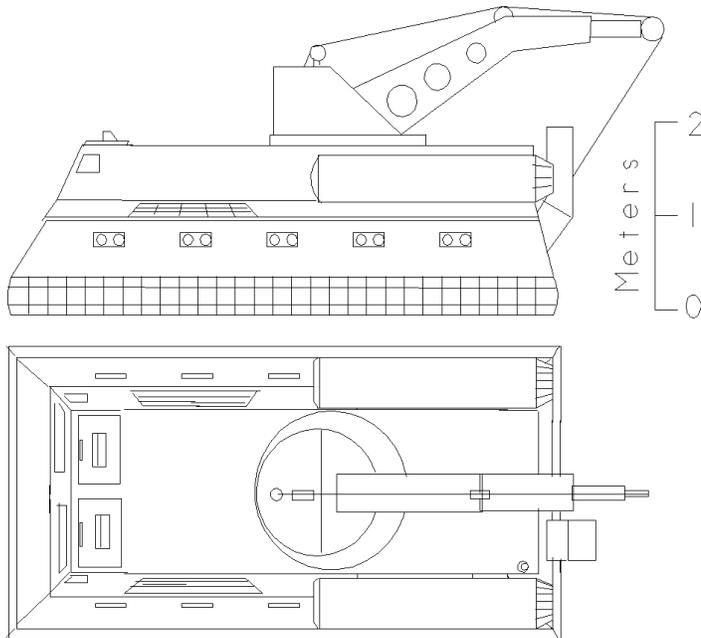
Aimed Fire Range: Cl 400 Ef 1200 Lg 1600 Ex 2000

Rate of Fire: 5

Rounds Carried: 300/in 25round cassettes

DPV: As tamped explosion (EP=15)

M-887 Hover Wrecker



TYPE: Hover Wrecker

CREW: Driver

WEIGHT: 6,800 kg

ARMOR: Plenum: 15 Front: 60
All Others: 40

CARGO: Tow one Medium hover vehicle

MAXIMUM SPEED: 240 kph/180 kph towing

CRUISING SPEED: 210 kph/140 kph towing

POWER PLANT: 2 - 0.3 MW MHD Turbines

FUEL CAPACITY: 300 kg H₂

FUEL CONSUMPTION: 18 kg/hour

ENDURANCE: 15 hours 36 minutes

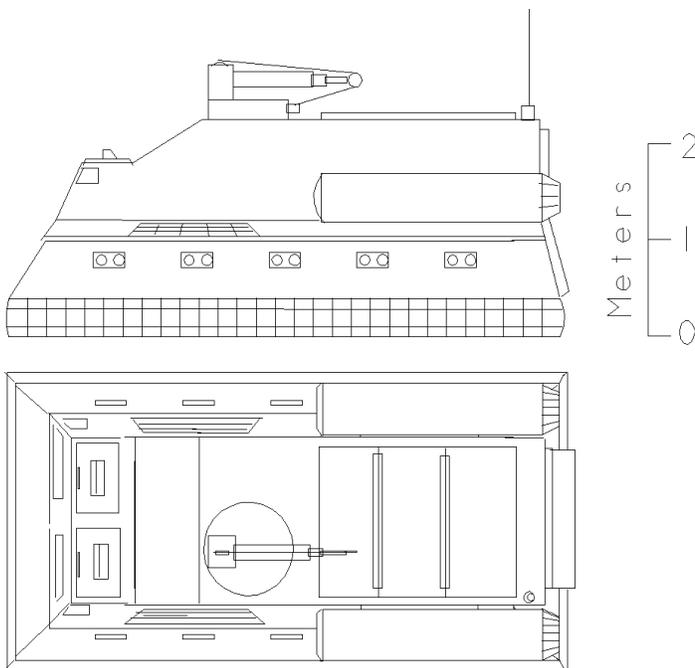
SIGNATURE: 4 **EVASION:** 8

SENSOR RANGE:

OFF ROAD MOBILITY: Full

COST: \$117,000.00

M-912 Hover Cargo Carrier



TYPE: Hover Cargo Carrier

CREW: Driver

WEIGHT: 7,250 kg

ARMOR: Plenum: 15 Front: 60
All Others: 40

CARGO: 1500 kg

MAXIMUM SPEED: 240 kph

CRUISING SPEED: 210 kph

POWER PLANT: 2 - 0.3 MW MHD Turbines

FUEL CAPACITY: 300 kg H₂

FUEL CONSUMPTION: 18 kg/hour

ENDURANCE: 15 hours 36 minutes

SIGNATURE: 4 **EVASION:** 8

SENSOR RANGE:

OFF ROAD MOBILITY: Full

COST: \$121,000.00

M-88 Heavy Hover Transporter

TYPE: Heavy Hover Transporter

CREW: Commander, Engineer & Operator

WEIGHT: 120,250 kg

ARMOR: All: 0.4

CARGO: 200,000 kg

MAXIMUM SPEED: 150 kph

CRUISING SPEED: 120 kph

POWER PLANT: 2 -1 MW MHD Turbines

FUEL CAPACITY: 30 tons H₂

FUEL CONSUMPTION: 1.2 tons/hour

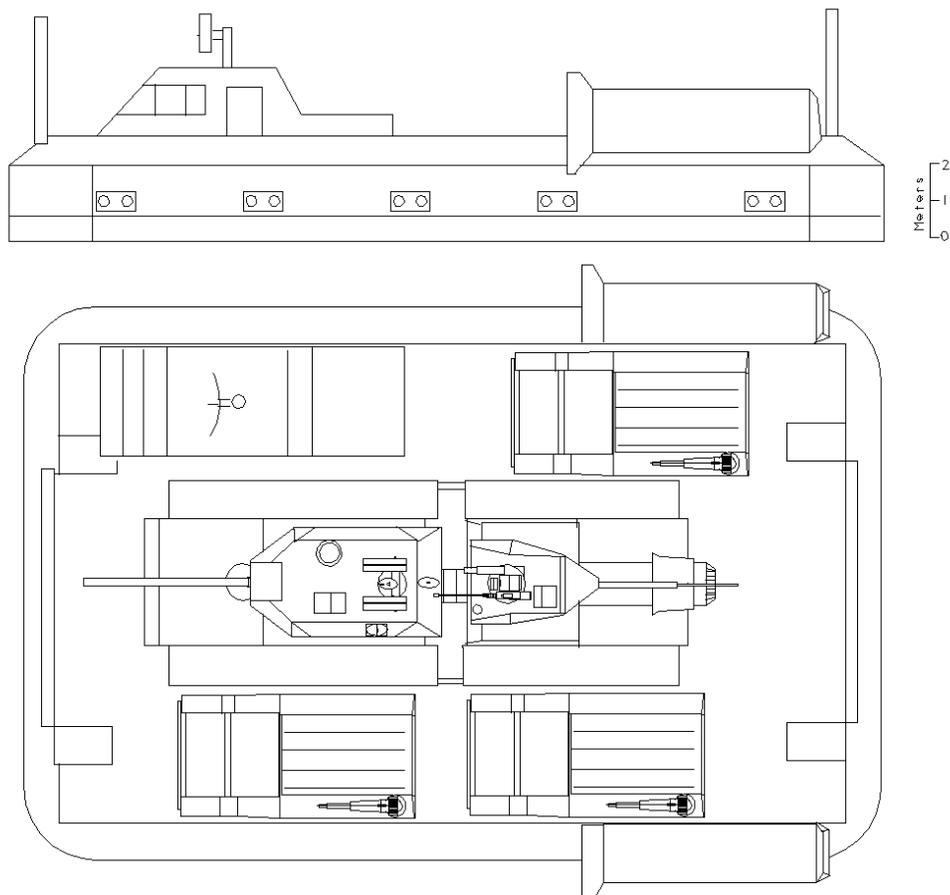
ENDURANCE: 25 hours

SIGNATURE: 15 **EVASION:** 1

SENSOR RANGE: 10,000 meters

OFF ROAD MOBILITY: Full

COST: \$1,317,000.00



TRS-93

TYPE: Tilt Rotor Scout VTOL Aircraft

CREW: Pilot

WEIGHT: 8,150 kg

ARMOR: All Faces: 0.4

MAXIMUM SPEED: 500 kph

CRUISING SPEED: 400 kph

Has Hover Capabilities

POWER PLANT: 2 -1500 KW MHD Turbines

FUEL CAPACITY: 100 kg H₂

FUEL CONSUMPTION: 15 kg/hour

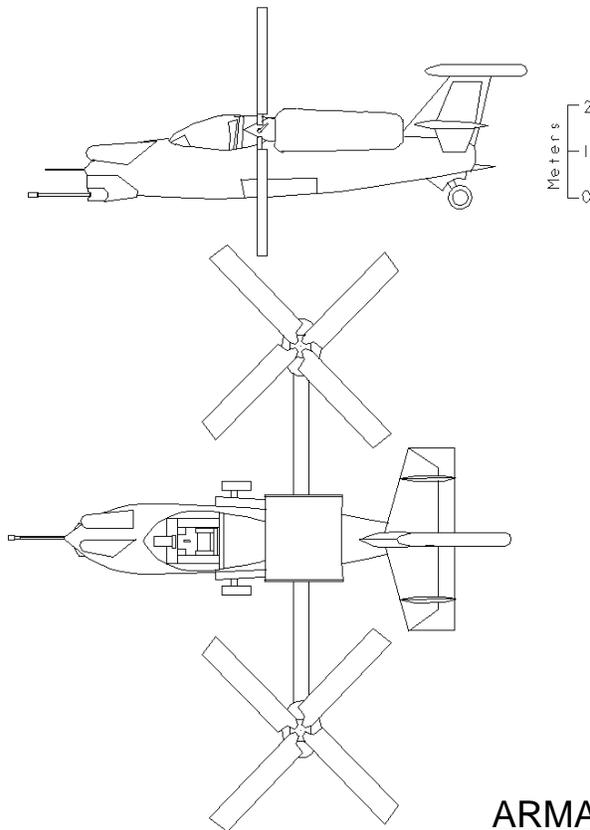
ENDURANCE: 6 hours 40 minutes

RANGE: 2000 kilometers

SIGNATURE: 1 **EVASION:** 12

SENSOR RANGE: 15,000 meters

COST: \$1,342,000.00



ARMAMENT

1 - 25mm Auto Cannon

Range Finder: +3

ROF=5 Cl Ef Lg Ex

Aim Rg	300	800	1200	2000
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DPV	12	6	6	3 (frag +5 burst radius)
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Rounds per Burst=5

Area Rg	300	800	1200	2000
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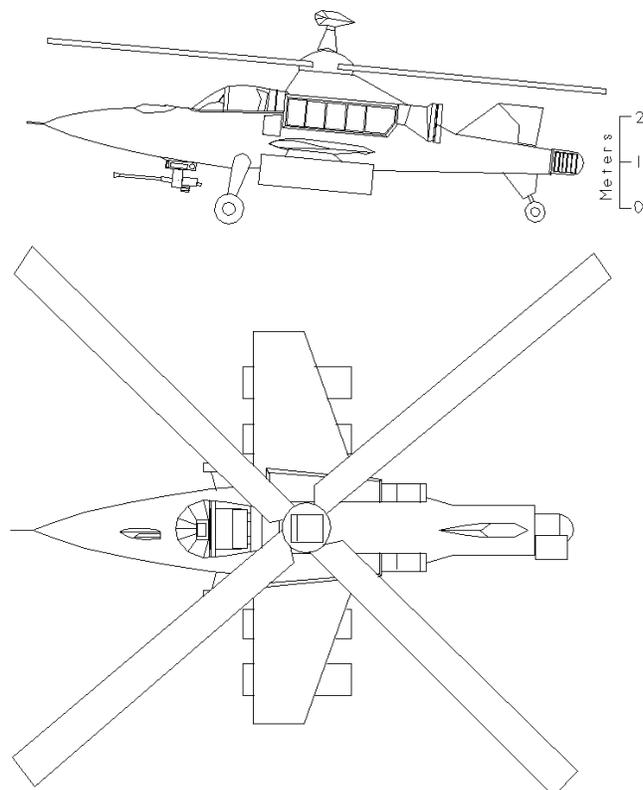
AFV	2	1	0.5	0.5
-----	---	---	-----	-----

DPV	12	6	6	3 (frag +5 burst radius)
-----	----	---	---	--------------------------

Rounds per Burst=10

Ammunition: 25X161mm Fixed Cartridge APHE

125 Rounds Carried



AXW-54

TYPE: Attack X-wing Helicopter

CREW: Pilot

WEIGHT: 9,1350 kg

ARMOR: All Faces: 0.7

MAXIMUM SPEED: 750 kph

CRUISING SPEED: 600 kph

Has Hover Capabilities

POWER PLANT: 2 -2000 KW MHD Turbines

FUEL CAPACITY: 200 kg H₂

FUEL CONSUMPTION: 22 kg/hour

ENDURANCE: 9 hours

RANGE: 4000 kilometers

SIGNATURE: 1 **EVASION:** 10

SENSOR RANGE: 12,000 meters

COST: \$1,956,000.00

ARMAMENT

1 - 25mm Auto Cannon

Range Finder: +3

ROF=5 Cl Ef Lg Ex

Aim Rg	300	800	1200	2000
--------	-----	-----	------	------

DPV	12	6	6	3 (frag +5 burst radius)
-----	----	---	---	--------------------------

Rounds per Burst=5

Area Rg	300	800	1200	2000
---------	-----	-----	------	------

AFV	2	1	0.5	0.5
-----	---	---	-----	-----

DPV	12	6	6	3 (frag +5 burst radius)
-----	----	---	---	--------------------------

Rounds per Burst=10

Ammunition: 25X161mm Fixed Cartridge APHE

125 Rounds Carried

40 - M-318 Anti-Vehicle Missile

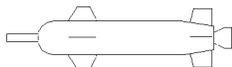
Range: 8000 meters

Guidance: Automatic

Homing Value: 21

Attack Angle: Selectable

DP: As Tamped Explosion (EP=70)



M-690 Cargo Zeppelin

TYPE: Cargo Zeppelin

CREW: Captain, Pilot, Navigator, 2 Flight Engineers, Radioman,
Computer operator + Load Master

WEIGHT: 10,120 kg

CARGO: 60,000 kg

ARMOR: All Faces: 0.1

MAXIMUM SPEED: 300 kph

CRUISING SPEED: 250 kph

POWER PLANT: 2 -1 MW MHD Turbines

FUEL CAPACITY: 1000 kg H₂

FUEL CONSUMPTION: 25 kg/hour

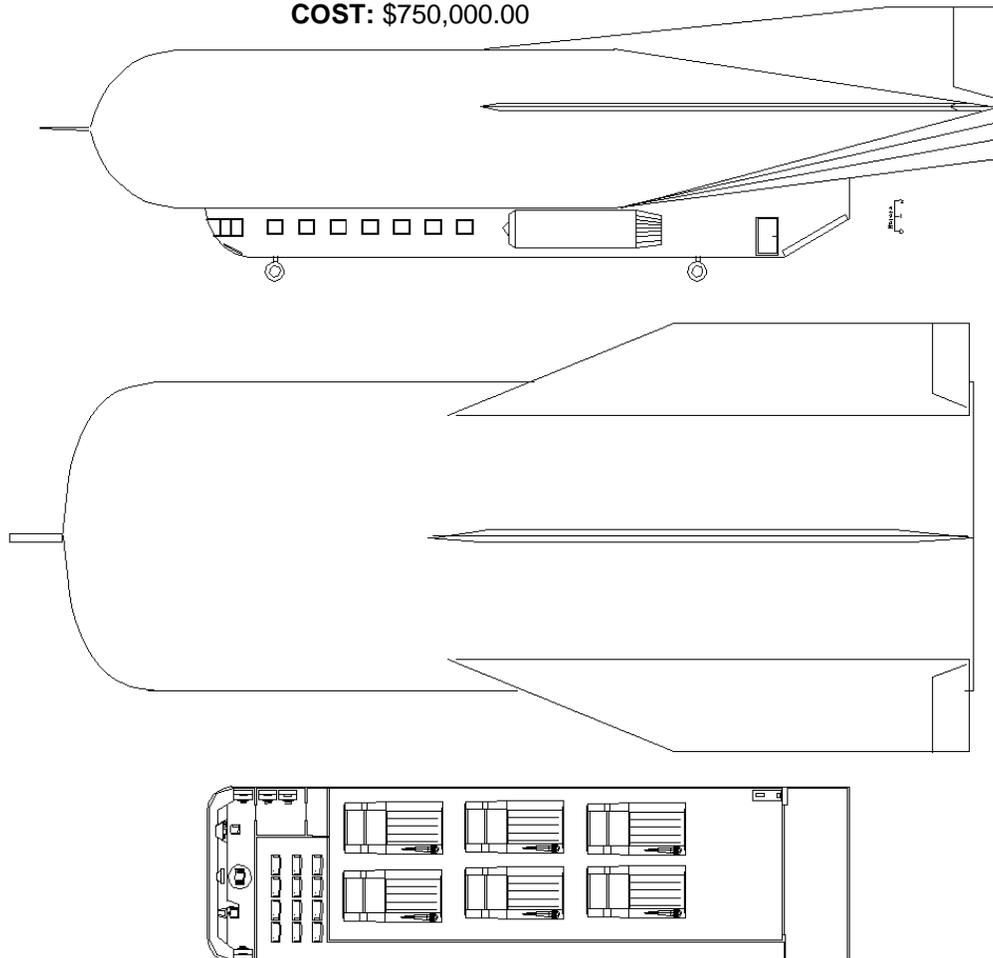
ENDURANCE: 40 hours

RANGE: 8000 kilometers

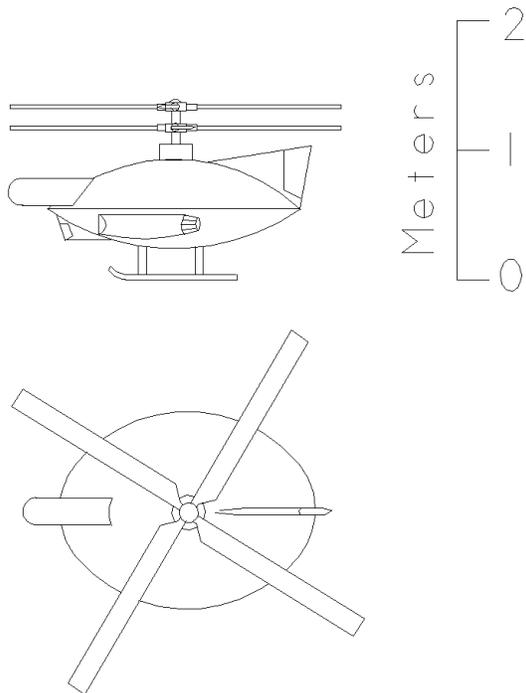
SIGNATURE: 6 **EVASION:** 1

SENSOR RANGE: 10,000 meters

COST: \$750,000.00



M-9965 Reconnaissance Drone



TYPE: Reconnaissance Drone

CREW: N/A

WEIGHT: 250 kg

ARMOR: All Faces: 0.1

CARGO: N/A

MAXIMUM SPEED: 250 kph

CRUISING SPEED: 150 kph

POWER PLANT: 2 - 250 KW MHD Turbines

FUEL CAPACITY: 25 kg H₂

FUEL CONSUMPTION: 2.5 kg/hour

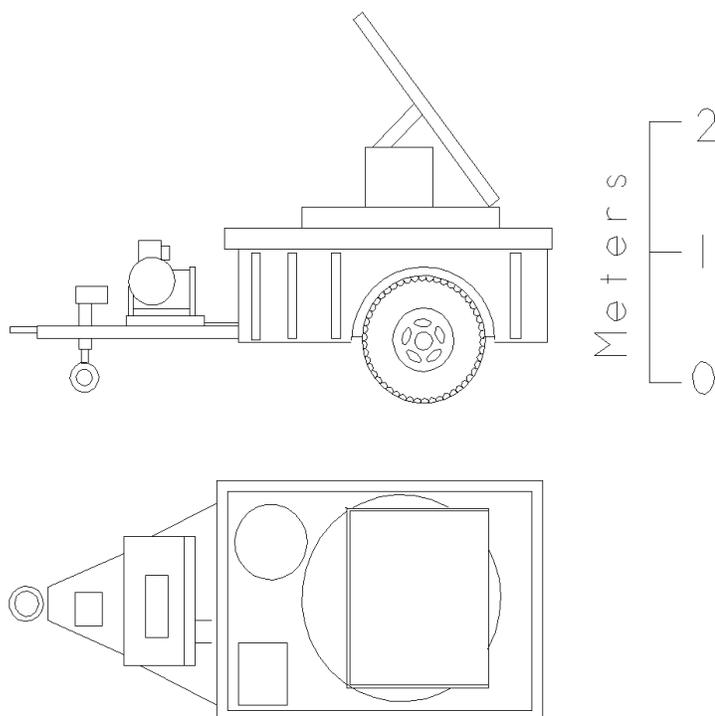
ENDURANCE: 10 hours

SIGNATURE: 0.5 **EVASION:** 10

SENSOR RANGE:

COST: \$68,360.00

M-18 Counter Battery Radar



TYPE: Artillery Counter Battery Radar

CREW: Operator

WEIGHT: 1,650 kg

ARMOR: All Faces: 0.1

CARGO: N/A

MAXIMUM SPEED: Reduces Towing Vehicles
Speed by 25%

CRUISING SPEED: Reduces Towing Vehicles
Speed by 25%

POWER PLANT: 10 KW Generator

FUEL CAPACITY: 10 kg H₂

FUEL CONSUMPTION: 0.2 kg/hour

ENDURANCE: 50 hours

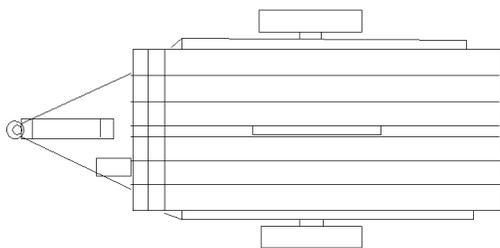
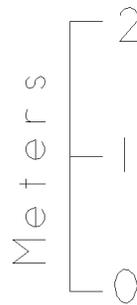
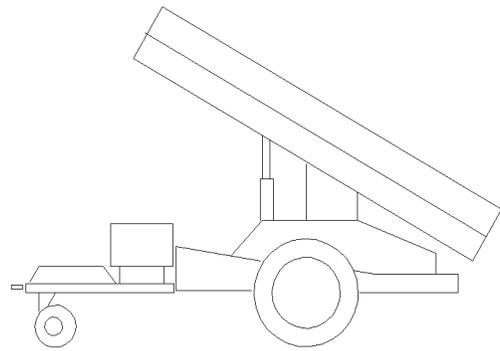
SIGNATURE: +2 **EVASION:** -4

SENSOR RANGE:

OFF ROAD MOBILITY: Halves Towing Vehicle

COST: \$186,000.00

M-2150 Light Rocket Launcher



TYPE: Light Rocket Artillery

CREW: Gunner

WEIGHT: 1,500 kg

ARMOR: Suspension: 0.2 All Others: 0.4

CARGO: None

MAXIMUM SPEED: Reduces speed by 30 kph

CRUISING SPEED: Reduces speed by 30 kph

SIGNATURE: +2 **EVASION:** -4

SENSOR RANGE:

OFF ROAD MOBILITY: Reduces cross country mobility by half

COST: \$23,350.00

ARMAMENT

12 - 120mm Artillery Rockets

Range: 35,000 meters

ROF = 3

Guidance: Automatic (after Gunner Lock-on) or
Laser Homing or
Free Flight

DP: WASP (DP= 6) (250 m burst Radius)

Obscuration (DP=3) (no fragmentation)

20 m high X 100 m long

10 seconds to deploy

360 seconds of obscuration

Normal Load Carried: 9 - WASP
3 - Obscuration



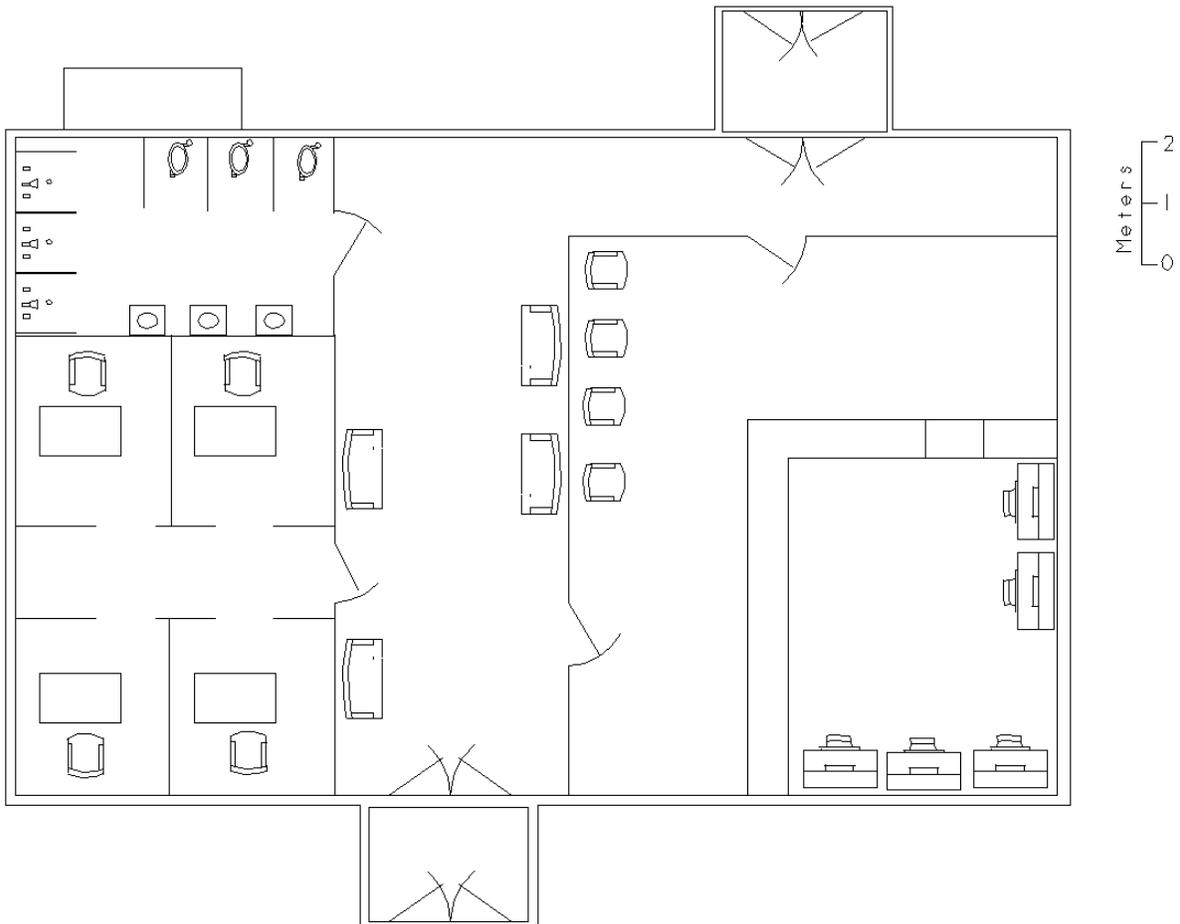
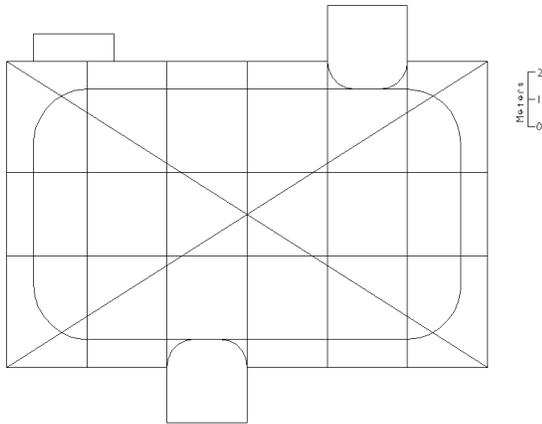
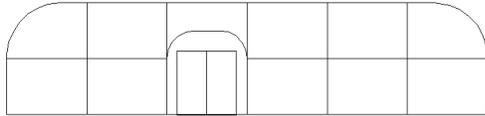
Chameleon Buildings Inc. Field Administration Building

Power Source: 25 KW Fuel Cell powered Generator

Sanitation Facilities: 3 - Showers, 3 -Toilets & 3 - Washbasins/ Hooks up to a portable sanitation system.

Work Space: 4 private offices and 5 computer stations in a common work area.

Notes: Has Chameleon camouflage system. Building carried by two M-1745 trailers. Can be erected and in use within 2 hours with Engineering support. 8 hours by personnel assigned to building.



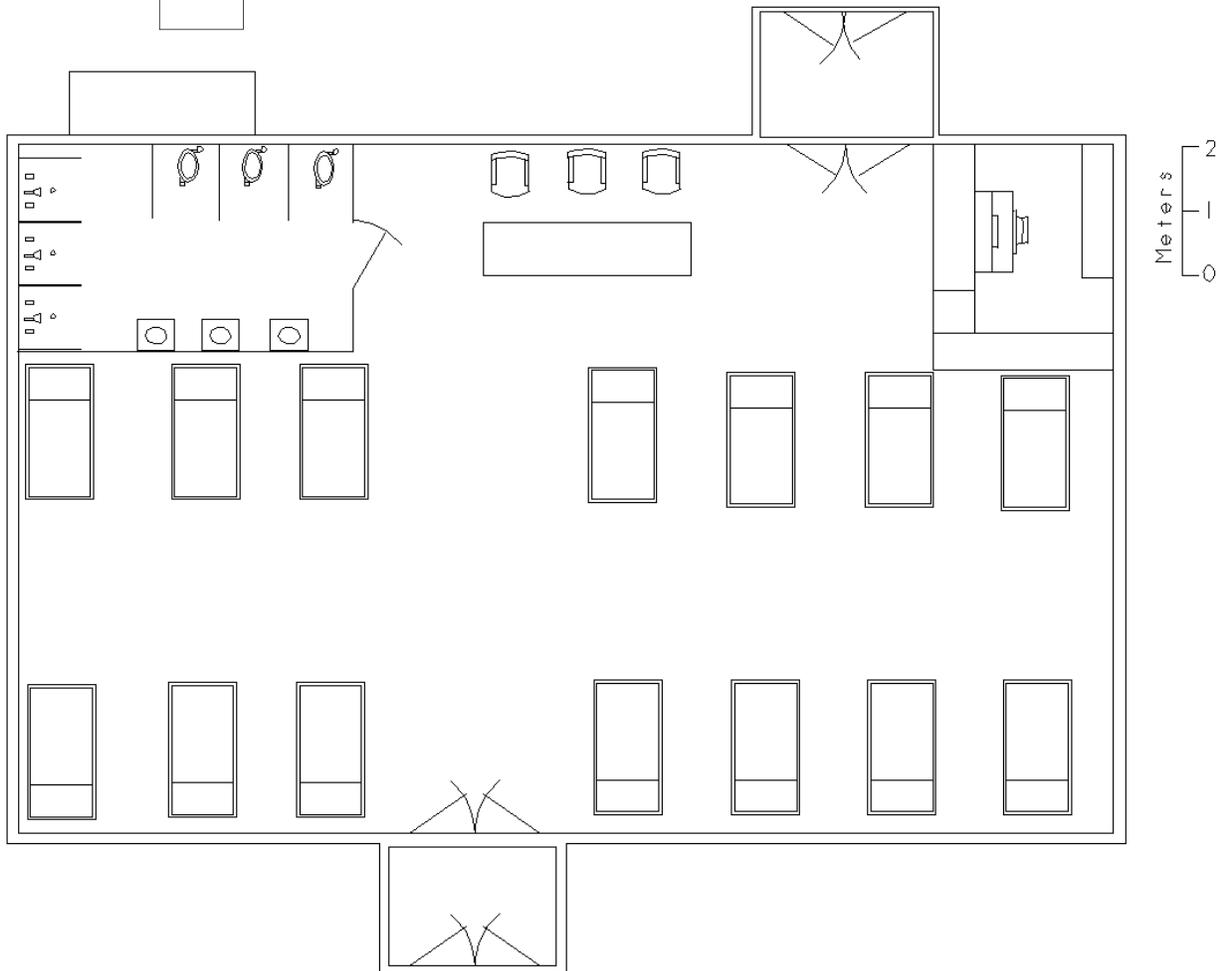
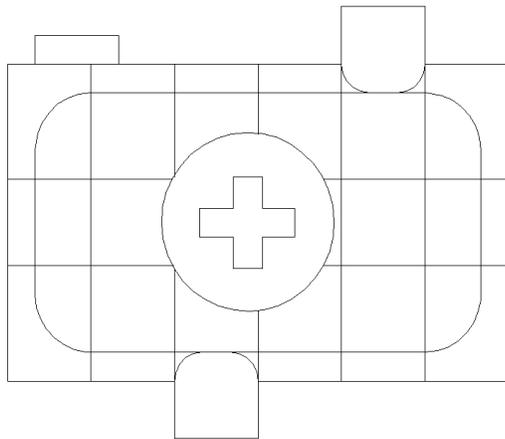
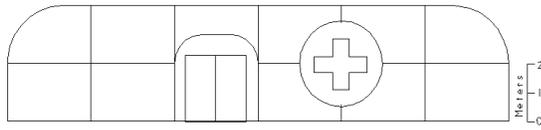
Chameleon Buildings Inc. 14 Bed Hospital Ward

Power Source: 25 KW Fuel Cell powered Generator

Sanitation Facilities: 3 - Showers, 3 -Toilets & 3 - Washbasins/ Hooks up to a portable sanitation system.

Work Space: 14 beds for recuperating patients and a nurses workstation with computer.

Notes: Has Chameleon camouflage system. Building carried by two M-1745 trailers. Can be erected and in use within 2 hours with Engineering support. 8 hours by personnel assigned to building.



Chameleon Buildings Inc. 6 Automated, 2 Operating Table Emergency Hospital

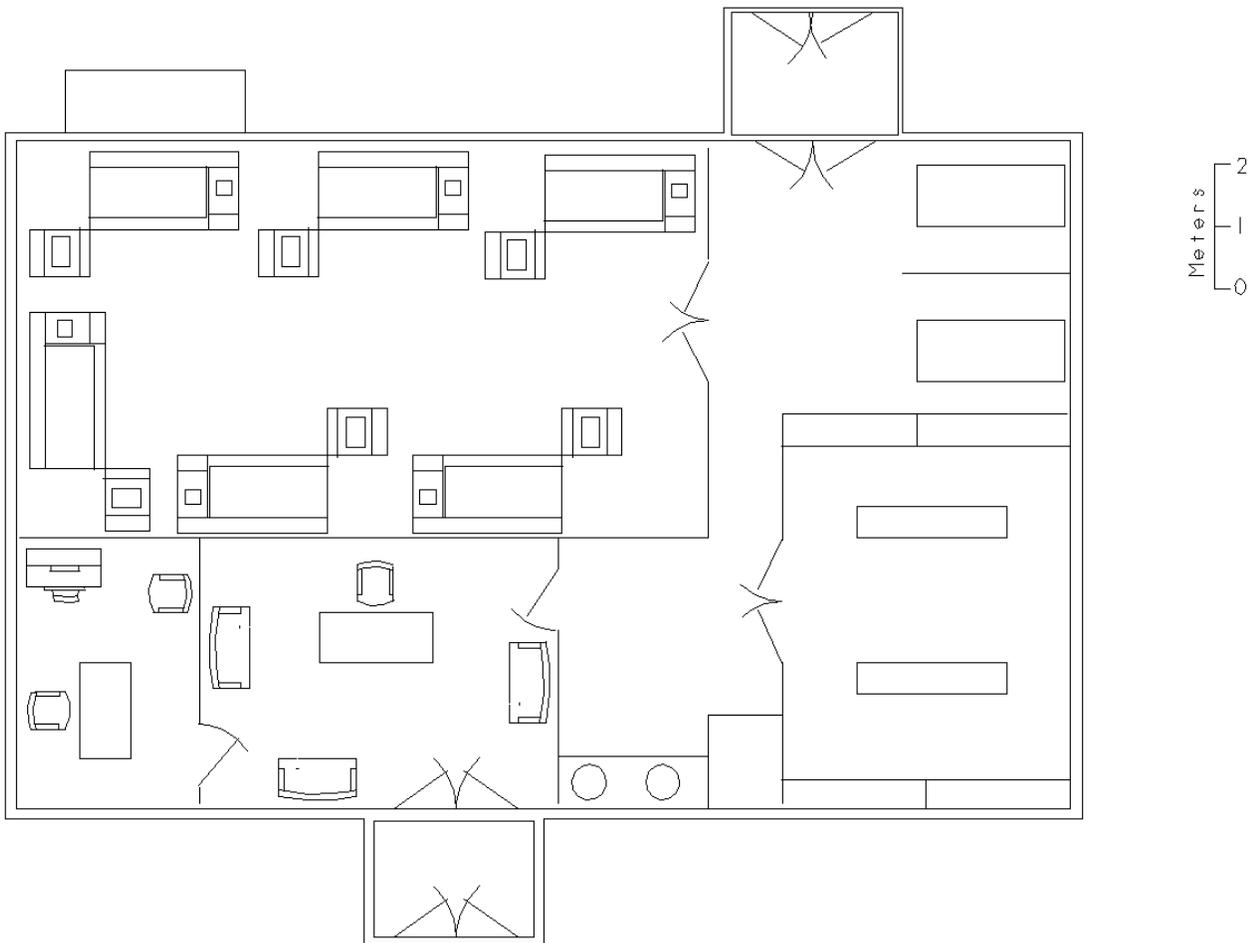
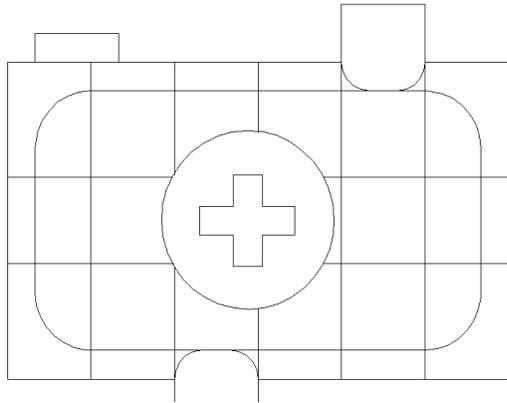
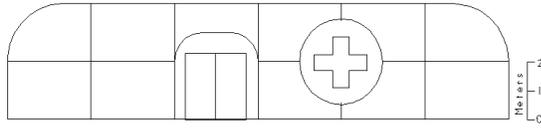
Power Source: 25 KW Fuel Cell powered Generator

Sanitation Facilities: No personal sanitation

hookups. Provides water for operating room.

Work Space: 6 automeds, 2 patient beds, and two operating tables for emergency medical care.

Notes: Has Chameleon camouflage system. Building carried by two M-1745 trailers. Can be erected and in use within 2 hours with Engineering support. 8 hours by personnel assigned to building.



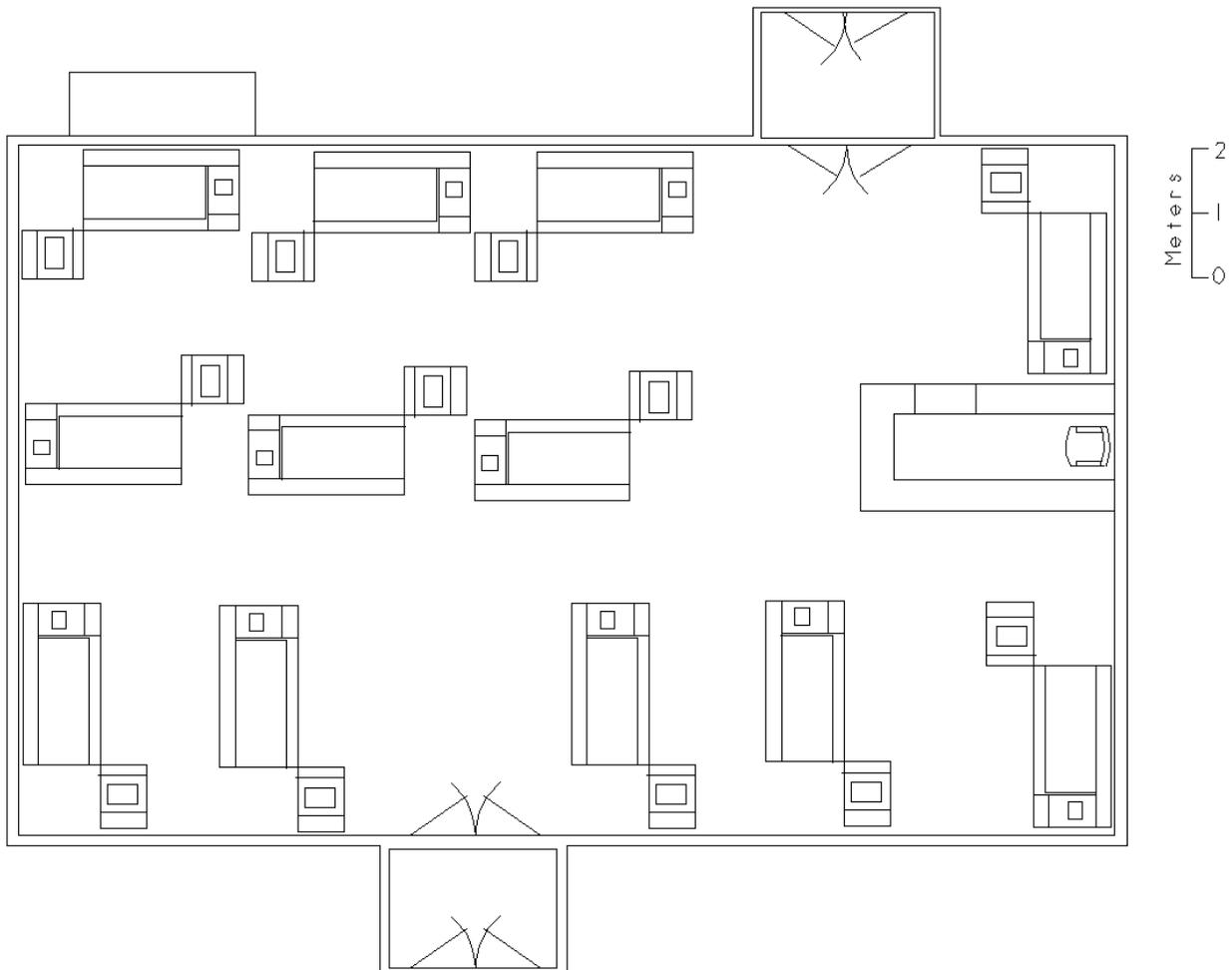
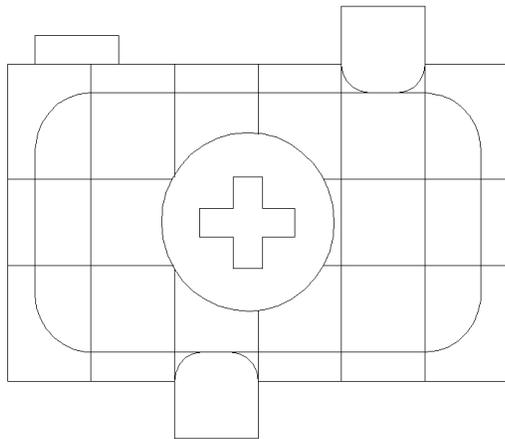
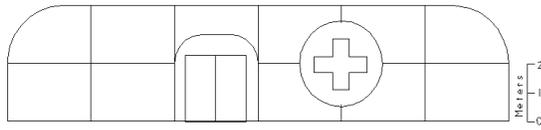
Chameleon Buildings Inc. 12 Automated Hospital Ward

Power Source: 25 KW Fuel Cell powered Generator

Sanitation Facilities: None

Work Space: 12 automeds, one nurses station.

Notes: Has Chameleon camouflage system. Building carried by two M-1745 trailers. Can be erected and in use within 2 hours with Engineering support. 8 hours by personnel assigned to building.



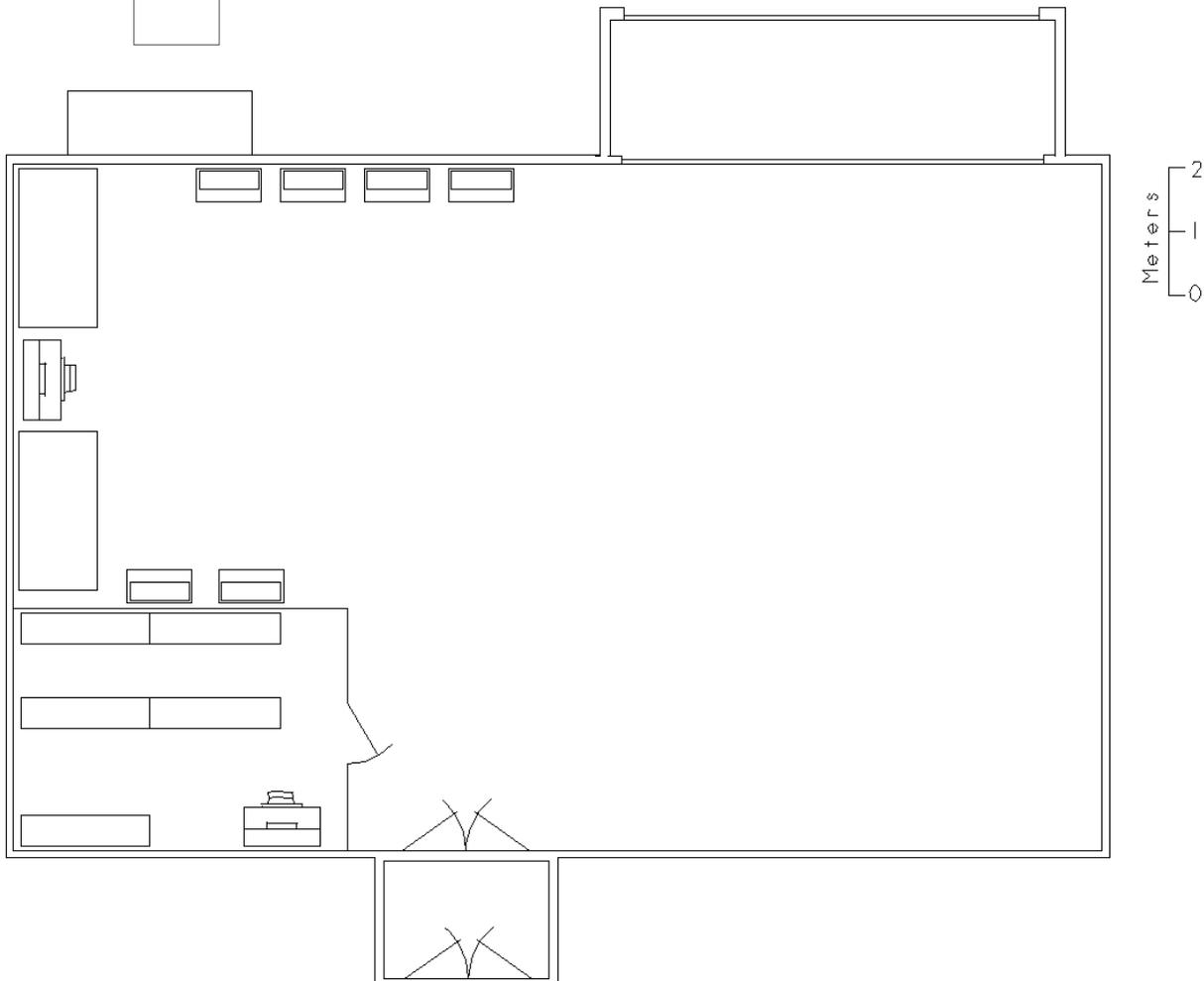
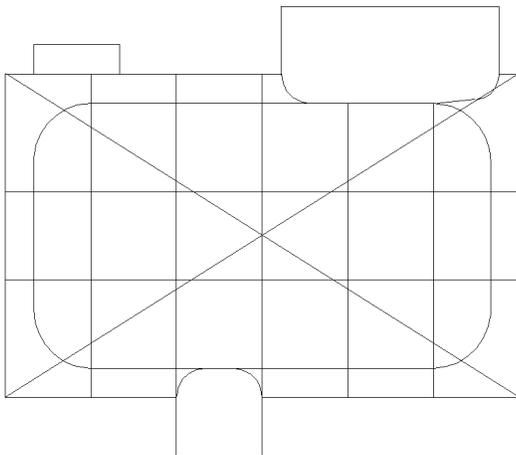
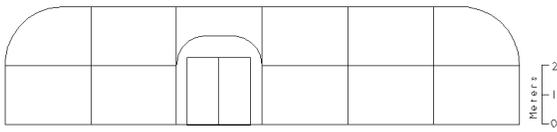
Chameleon Buildings Inc. Field Maintenance Facility

Power Source: 25 KW Fuel Cell powered Generator

Sanitation Facilities: No personal sanitation hookups.

Work Space: 6 mechanic workstations with one supervisor and one parts room workstation.
One indoor maintenance bay.

Notes: Has Chameleon camouflage system. Building carried by two M-1745 trailers. Can be erected and in use within 2 hours with Engineering support. 8 hours by personnel assigned to building.



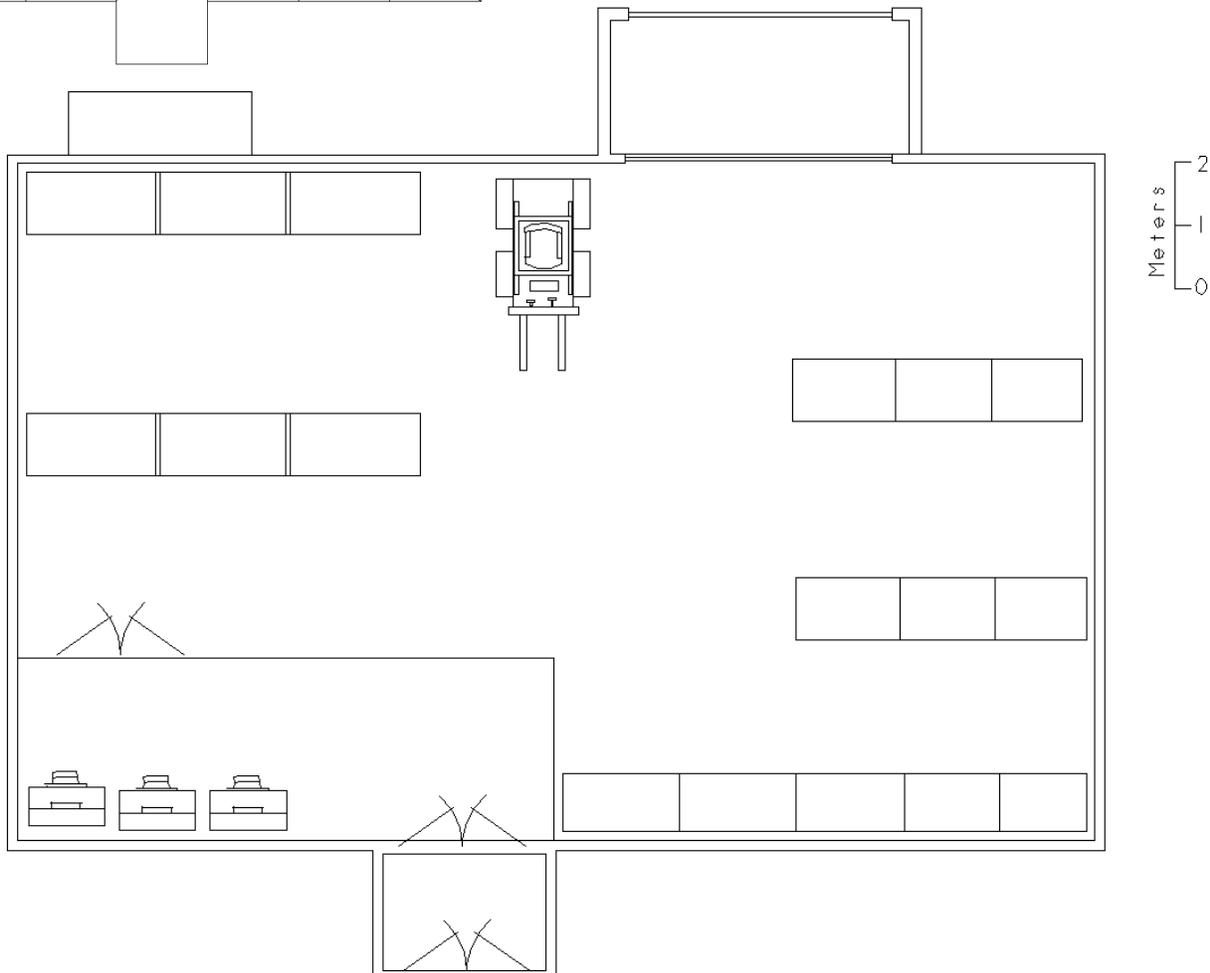
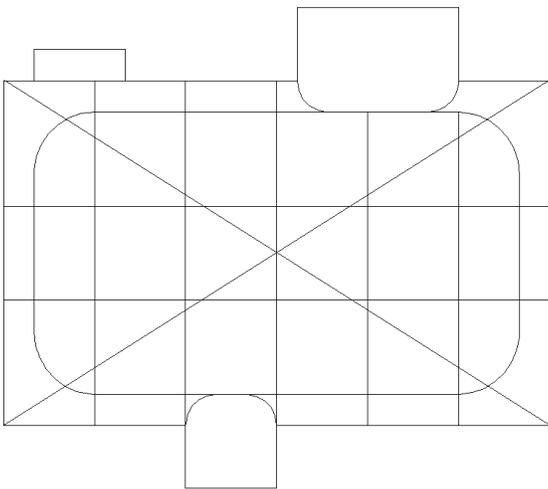
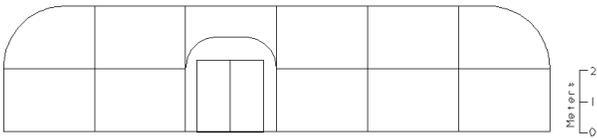
Chameleon Buildings Inc. Field Supply Facility

Power Source: 25 KW Fuel Cell powered Generator

Sanitation Facilities: No personal sanitation hookups.

Work Space: 3 computer workstations. One storage bay for parts or other supplies.

Notes: Has Chameleon camouflage system. Building carried by two M-1745 trailers. Can be erected and in use within 2 hours with Engineering support. 8 hours by personnel assigned to building.



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