

RSLC Vehicle Identification Study Guide



- Students must score a 60% or higher on the vehicle identification exam
- Any information in this study guide labeled “Additional Information” is non-testable
- This study guide provides 20 Chinese, 20 Russian, 5 U.S., and 5 U.K. vehicles
- Thermal and non-thermal images are provided



Nomenclature: Type 86

Description: Armored Personnel Carrier



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 73mm Smoothbore

Max Effective Range: 1600m

Secondary Armament: 7.62mm

Max Effective Range: 460m

Rail Mounted ATG Max Effective Range: 3000m

Transport Capability: 8 Personnel





Nomenclature: PLL-09

Description: Self Propelled Howitzer



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 122mm Smoothbore

Max Effective Range: 27km

Sustained Rate of Fire: 6 Rounds per Minute

Max Rate of Fire: 8 Rounds per Minute





Nomenclature: AH-2

Description: Towed Howitzer



War Fighting Function: Fires

Additional Information:

Main Armament: 155mm Smoothbore

Max Effective Range: 39km

Sustained Rate of Fire: 2 Rounds per Minute

Burst Rate of Fire: 4 Rounds per Minute





Nomenclature: PHL-03

Description: Multiple Rocket Launcher



War Fighting Function: Fires

Additional Information:

Main Armament: 300mm Rockets

Max Effective Range: 130km

Launch Mode: Vertical Launch





Nomenclature: PLL-05

Description: Self Propelled Gun - Mortar



War Fighting Function: Fires

Additional Information:

Main Armament: 120mm Smoothbore

Max Effective Range: 8.5km

Secondary Armament: 12.7mm

Max Effective Range: 1600m

Sustained Rate of Fire: 10 Rounds per Minute





Nomenclature: SH-1

Description: Self Propelled Howitzer



War Fighting Function: Fires

Additional Information:

Main Armament: 155mm Smoothbore

Max Effective Range: 56km

Sustained Rate of Fire: 4 Rounds Per Minute

Max Rate of Fire: 6 Rounds per Minute





Nomenclature: PLZ-07

Description: Self Propelled Howitzer



War Fighting Function: Fires

Additional Information:

Main Armament: 122mm Smoothbore

Max Effective Range: 18km

Sustained Rate of Fire: 6 Rounds per Minute

Max Rate of Fire: 8 Rounds per Minute





Nomenclature: Red Arrow 10
on a WG-502

Description: Anti-Tank Guided Missile
Mounted on Infantry Fighting Vehicle



War Fighting Function: Fires

Additional Information:

Main Armament: 170mm Smoothbore

Max Effective Range: 10km

Secondary Armament: 7.62mm

Max Effective Range: 900m

Guidance: Heat Seeking

Transport Capability: 12 Personnel





Nomenclature: HQ-17A

Description: Short-Range Air Defense System



War Fighting Function: Fires

Additional Information:

Main Armament: 9M330 Missile

Max Effective Range: 12km

Launch Mode: Vertical

Max Altitude: 10km

Warhead: Frag-HE





Nomenclature: SR-5

Description: Multiple Rocket Launcher



War Fighting Function: Fires

Additional Information:

Main Armament: 220mm Rockets

Max Effective Range: 70km

Sustained Rate of Fire: 2 Pods per 5 Minutes

Launch Mode: Angled

Guidance: GPS/INS Laser Terminal





Nomenclature: PCL-161

Description: Self-Propelled Howitzer



War Fighting Function: Fires

Additional Information:

Main Armament: 122mm Smoothbore

Max Effective Range: 27km

Maximum Rate of Fire: 6 Rounds per Minute





Nomenclature: TYPE 59D

Description: Main Battle Tank



War Fighting Function: Movement and Maneuver

Armor Capability Information:

Main Armament: 105mm Rifled Gun

Max Effective Range: 5000m

Secondary Armament: 7.62mm

Max Effective Range: 460m

Explosive Reactive

Smoke Screen Launchers





Nomenclature: TYPE 15

Description: Light Tank



War Fighting Function: Movement and Maneuver

Armor Capability Information:

Main Armament: 105mm Rifled Gun

Max Effective Range: 3km

Secondary Armament: 7.62mm

Max Effective Range: 800-1000m

Lightweight Explosive Reactive

Smoke Screen Launcher





Nomenclature: VN-1

Description: Armored Personnel Carrier



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 30mm Autocannon

Max Effective Range: 2800m

Secondary Armament: 7.62mm

Max Effective Range: 100-1500m

Turret Mounted Smoke Launcher

Transport Capability: 7 Personnel





Nomenclature: VN-11

Description: Infantry Fighting Vehicle



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 100mm Rifled Gun

Max Effective Range: 7000m

Secondary Armament: 7.62mm

Max Effective Range: 1000m

Turret Mounted Smoke Launcher

Transport Capability: 7 Personnel





Nomenclature: ZTZ-99A1

Description: Main Battle Tank



War Fighting Function: Movement and Maneuver

Armor Capability Information:

Main Armament: 125mm Smoothbore

Max Effective Range: 4000m

Secondary Armament: 7.62mm

Max Effective Range: 900m

Explosive Reactive

Smoke Launchers





Nomenclature: WZ-9

Description: Multi-Role Helicopter



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 23mm Autocannon

Max Effective Range: 2km

Maximum Speed: 305 km/h

Cruising Speed: 260 km/h

Transport Capability: 10 Personnel





Nomenclature: WZ-19

Description: Attack Helicopter



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 23mm Autocannon

Max Effective Range: 2km

Secondary Armament: TY-90 Air to Air Missiles

Max Effective Range: 6km

Maximum Speed: 280 km/h

Cruising Speed: 245 km/h





Nomenclature: WZ-10

Description: Attack Helicopter



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 23mm Automatic Chain Gun

Max Effective Range: 200-1800m

Secondary Armament: Type 90 Air-to-Air Missiles

Max Effective Range: 6km

Maximum Speed: 300 km/h

Cruising Speed: 250 km/h





Nomenclature: HQ-9

Description: Surface to Air Missile System



War Fighting Function: Fires

Additional Information:

Main Armament: Taian TAS5380

Max Effective Range: 200km

Max Altitude: 20km

Launch Mode: Vertical

Guidance: Internal (initial), radio (mid course), and TVM (end game)





Nomenclature: SA-13

Description: Short-Range Air Defense System



War Fighting Function: Protection

Additional Information:

Main Armament: 9M37 Missiles

Max Effective Range: 5km

Secondary Armament: 7.62mm

Max Effective Range: 900m





Nomenclature: SA-15

Description: Short-Range Air Defense System



War Fighting Function: Protection

Additional Information:

Main Armament: Gauntlet Missiles

Max Effective Range: 12km

Max Altitude: 6k m





Nomenclature: SA-X-27

Description: Surface-to-Air- Missile System



War Fighting Function: Protection

Additional Information:

Main Armament: 9M317M Missiles

Max Effective Range: 70km

Max Altitude: 35km





Nomenclature: ZSU-23-4

Description: Self-Propelled Anti-Aircraft Gun



War Fighting Function: Protection

Additional Information:

Main Armament: 23mm 2A7 Autocannons

Max Effective Range: 2.5km

Sustained Rate of Fire: 850-1000 Rounds per Minute





Nomenclature: 1RL257 Krasukha-4

Description: Mobile Electronic Warfare System



War Fighting Function: Protection

Additional Information:

Main Capability: Low-Earth Orbit Electronics Jamming Radar

Max Effective Range: 300km

Suppression Capabilities: Satellites, Ground-Based Radars, & Airborne Systems





Nomenclature: T-90

Description: Main Battle Tank



War Fighting Function: Movement and Maneuver

Armor Capability Information:

Main Armament: 125mm Smoothbore

Max Effective Range: 2000m

Secondary Armament: 7.62mm

Max Effective Range: 1000m

Explosive Reactive

Smoke Launchers





Nomenclature: T-80U

Description: Main Battle Tank



War Fighting Function: Movement and Maneuver

Armor Capability Information:

Main Armament: 125mm Smoothbore

Max Effective Range: 5000m

Secondary Armament: 12.7mm

Max Effective Range: 2000m

Explosive Reactive

Smoke Launchers





Nomenclature: T-72B3

Description: Main Battle Tank



War Fighting Function: Movement and Maneuver

Armor Capability Information:

Main Armament: 125mm Smoothbore

Max Effective Range: 2000m

Secondary Armament: 7.62mm

Max Effective Range: 1000m

Explosive Reactive

Smoke Launchers





Nomenclature: T-64

Description: Main Battle Tank



War Fighting Function: Movement and Maneuver

Armor Capability Information:

Main Armament: 125mm Smoothbore

Max Effective Range: 2000m

Secondary Armament: 7.62mm

Max Effective Range: 1000m

Smoke Launchers





Nomenclature: BMP-3

Description: Infantry Fighting Vehicle



War Fighting Function: Movement and Maneuver

Additional Information:

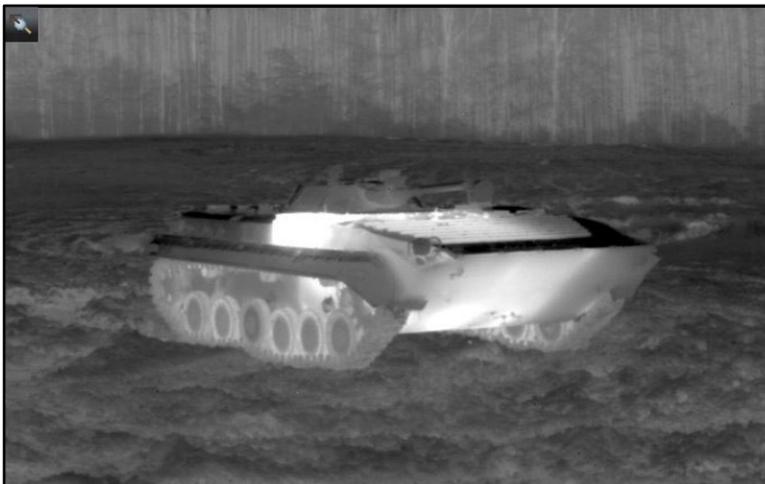
Main Armament: 100mm GUN

Max Effective Range: 4000m

Secondary Armament: 30mm Autocannon

Max Effective Range: 2km

Transport Capability: 7 Personnel





Nomenclature: BMP-2

Description: Infantry Fighting Vehicle



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 30mm Autocannon

Max Effective Range: 2000m

Transport Capability: 7 Personnel

Rail Mounted ATGM (4km Max Effective Range)





Nomenclature: BTR-82

Description: Armored Personnel Carrier



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 14.5mm Machine Gun

Max Effective Range: 2000m

Secondary Armament: 7.62mm

Max Effective Range: 1500m

Transport Capability: 7 Personnel





Nomenclature: D-30

Description: Towed Howitzer



War Fighting Function: Fires

Additional Information:

Main Armament: 122mm Smoothbore

Max Effective Range: 15.3km

Sustained Rate of Fire: 4 Rounds per Minute

Burst Rate of Fire: 8 Rounds per Minute





Nomenclature: TOS-1A

Description: Multiple Rocket Launcher



War Fighting Function: Fires

Additional Information:

Main Armament: 220mm Rockets

Max Effective Range: 6km

Launch Mode: Angled





Nomenclature: SA-22 Greyhound

Description: Short-Range Air Defense Missile



War Fighting Function: Fires

Additional Information:

Main Armament: 57E6 Missile

Max Effective Range: 12km

Max Altitude: 15km

Guidance: Radio and Laser Responders





Nomenclature: 2S19M2

Description: Self Propelled Howitzer



War Fighting Function: Fires

Additional Information:

Main Armament: 152mm Smoothbore

Max Effective Range: 24.7km

Sustained Rate of Fire: 4-5 Rounds per Minute

Max Rate of Fire: 10 Rounds per Minute





Nomenclature: 2S35

Description: Self Propelled Howitzer



War Fighting Function: Fires

Additional Information:

Main Armament: 152mm Smoothbore

Max Effective Range: 24km

Sustained Rate of Fire: 12 Rounds per Minute

Max Rate of Fire: 16 Rounds per Minute





Nomenclature: 2S35-1

Description: Self-Propelled Howitzer



War Fighting Function: Fires

Additional Information:

Main Armament: 152mm Smoothbore

Max Effective Range: 80km

Secondary Armament: 12.7mm

Max Effective Range: 2000m

Sustained rate of Fire: 12 Rounds per Minute

Max Rate of Fire: 16 Rounds per Minute





Nomenclature: Mi-28

Description: Attack Helicopter



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 30mm Autocannon

Max Effective Range: 4000m

Secondary Armament: Atakas HE Missiles

Max Effective Range: 6km

Maximum Speed: 282 km/h

Cruising Speed: 260 km/h

Maximum Endurance: 2 Hours





Nomenclature: T-14 Armata

Description: Main Battle Tank



War Fighting Function: Movement and Maneuver

Armor Capability Information:

Main Armament: 125mm Smoothbore

Max Effective Range: 3km

Secondary Armament: 7.62mm

Max Effective Range: 1000m

Explosive Reactive

Smoke Launchers

Chaff Launchers





Nomenclature: M1A2 Abrams

Description: Main Battle Tank



War Fighting Function: Movement and Maneuver

Armor Capability Information:

Main Armament: 120mm Smoothbore

Max Effective Range: 2.5km

Secondary Armament: 7.62mm

Max Effective Range: 1100m

Explosive Reactive

Smoke Launchers





Nomenclature: M2 Bradley

Description: Infantry Fighting Vehicle



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 25mm M242 Bushmaster Chain Gun w/ BGM-71 TOW

Max Effective Range: 3000m

Secondary Armament: 7.62mm

Max Effective Range: 1200m

Transport Capability: 3 Crewmembers & 6 Personnel

Armor Capability Information:

Smoke Launchers

Explosive Reactive





Nomenclature: AH-64E

Description: Attack Helicopter



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: M230 30mm Chain Gun

Max Effective Range: 1500m

Secondary Armament: Hydra 70 Rocket Pods

Max Effective Range: 8000m

Maximum Speed: 293 km/h

Cruising Speed: 275 km/h





Nomenclature: M109A6 “Paladin”

Description: Self-Propelled Artillery



War Fighting Function: Fires

Additional Information:

Main Armament: 155mm Cannon

Max Effective Range: 14.6km

Sustained Rate of Fire: 2 Rounds per Minute





Nomenclature: M1126 Stryker

Description: Armored Personnel Carrier



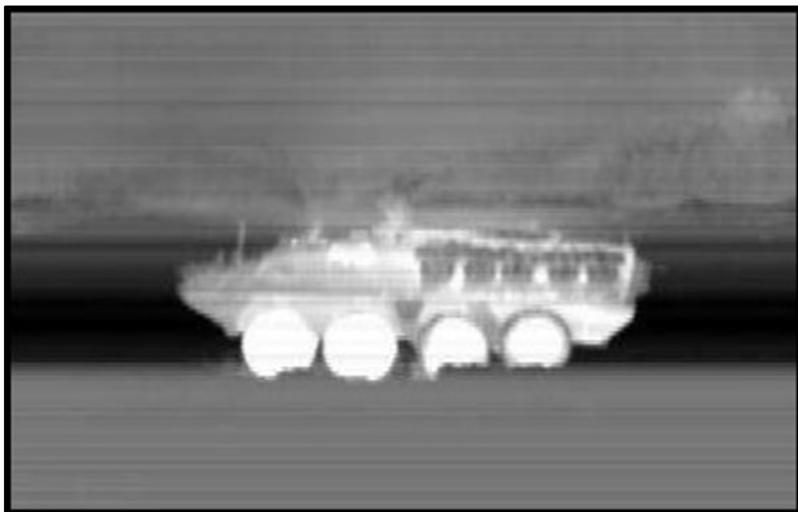
War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: .50 Cal

Max Effective Range: 1800m

Transport Capability: 2 Crewmembers & 9 Personnel





Nomenclature: Challenger 2

Description: Main Battle Tank



War Fighting Function: Movement and Maneuver

Armor Capability Information:

Main Armament: 120mm Rifled Gun

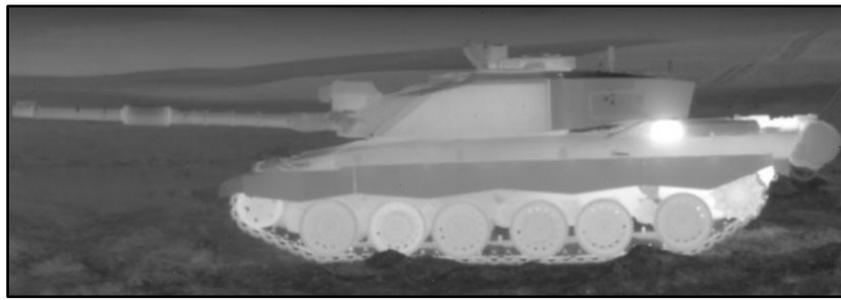
Max Effective Range: 3km

Secondary Armament: 7.62mm

Max Effective Range: 3000m

Explosive Reactive

Smoke Launchers





Nomenclature: Warrior

Description: Armored Fighting vehicle



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 30mm L21A1 Cannon

Max Effective Range: 2km

Secondary Armament: 7.62mm

Max Effective Range: 3000m

Transportation Capability: 3 Crewmembers & 7 Personnel





Nomenclature: M777

Description: Towed Howitzer



War Fighting Function: Fires

Additional Information:

Main Armament: M795

Max Effective Range: 22.5km

Sustained Rate of Fire: 2 Rounds per Minute

Maximum Rate of Fire: 5 Rounds per Minute





Nomenclature: GMLRS

Description: Rocket Artillery



War Fighting Function: Fires

Additional Information:

Main Armament: 227mm Rockets

Max Effective Range: 60km

Launch Mode: Angled

Guidance: M269 Loader Launcher Module





Nomenclature: Stormer

Description: Armored Personnel Carrier



War Fighting Function: Movement and Maneuver

Additional Information:

Main Armament: 7.62mm

Max Effective Range: 900m

Transportation Capability: 3 Crewmembers & 8 Personnel

