

Punjab – the land of Brave-hearts

# Defence Gallery

**Where you can see, touch and feel  
some of India's defence equipments**

**This gallery is a visual treat for those who would love to know the details of Artillery and Air crafts**

**The gallery houses :**

- **A "made in India" Vijayanta Tank employed in 1971 for the liberation of Bangladesh;**
- **An Anti-aircraft gun used extensively during the wars.**
- **A 53 VA Torpedo to destroy enemy ships and submarines**
- **A MIG-23, a star possession of Indian Air Force, used**

**extensively during Kargil war**

**Who would not like to have that feel of patriotism while:**

- Getting into the cockpit of the MIG or the LT-11 two-seater civil training Swati Aircraft**
- Looking at these gems from the repository of the artillery so closely**



# INDIAN AIR FORCE

## MiG-23

**MiG-21bis** Country of origin Soviet Union Entered service 1972

### ***Dimensions and weight***

Length :- 52 ft 1 inch.

Height :- 15 ft 10 inch

Wing span :- 45 ft 10 inch.

Crew :- 1

### ***Engines:- 1***

Maximum speed:-2.35 Mach , 2500 Km/h

Maximum Height :- 59055 ft

### ***Armament***

Cannon 1 x 23 mm GSh-23L (200 rounds) Missiles R-3 (K-13), R-13M (K-13M), R-60, R-60M air-to-air missiles, Kh-66 air-to-surface missiles Bombs various bombs, including general-purpose, fragmentation, chemical and cluster with a maximum weight of up to 1 000 kg Other pods with 57 mm or 240 mm unguided rockets



# Vijayanta Tank



- ❑ The Vijayanta Tank was extensively employed during the liberation of Bangladesh in 1971 Indo- Pak war.
- ❑ The P & T Department issued a special postage depicting the Tank manufactured in India on March 4<sup>th</sup> 1976.
- ❑ The tank was phased out of service in 1997.

# Vijayanta Tank - Specifications

**Manufacturer:** [Heavy Vehicles Factory, Avadi](#)

**Product type:** [Armoured Vehicles](#)

**Indigenously built on a licensed design of the Vicker's MK 1.(Britain)**

**The tank entered service in 1965.**

**Specifications :-**

**Crew :-4 (commander, driver, gunner, loader)**

**Weight :- 39000 Kg.**

**Engine :-Leyland L60 Diesel 535 bhp (399 kw)**

**Max speed :- 50 Km/h**

**Range :-530 Km**

**Armament :**

- **105 mm L7A2 rifled Gun with 50 round (main Gun) with a range of 2000m.**
- **12.7 mm Browning MG (Machine Gun) with 1000 rounds (ranging)**
- **12.7 mm MG (Machine Gun) with 2000 rounds (Anti Air)**
- **7.62 mm MG (Machine Gun) with 500 rounds (Co-Axial)**

# Anti-Aircraft Gun

- ❑ These are weapons designed to attack aircraft.
- ❑ They commonly have a high rate of fire and are capable of firing at high angles, but are also usually able to hit ground targets as well in a direct fire role.
- ❑ They are used against helicopters, strafing planes (like the A-10), drones and even missiles as long as their radar can detect them.
- ❑ However, many advanced missiles are used now



# 53-VA TORPEDO



Torpedos are Russian wake-homing military equipment designed to destroy surface ships and submarines.

## Specifications

Ship class Used On : Surface ships and submarines

Date in service :- 1966

Weight :- 4,409 lbs (2000 Kg)

Overall Length :- 303 inch (7,700mm)

Diameter :- 21 Inch (533mm)

Explosive charge:- 882 lbs (400 Kg)

Range :-4000m

Speed :-53-56VA/29 Knots

Power :- 53-56VA:Kerosene  
Air Wet-Heater

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# THANKS

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