



M08 WITH 12.7x99mm M87N MACHINE GUN

Aeronautical pod



Aeronautical M08 pod with 12.7x99mm M87N machine gun is used for the armament of light piston/propeller training aircraft. It is mounted on under-wing supports. This kind of aeronautical weaponry is primarily intended for close fire support in anti-terrorist and anti-riot missions, as well as in territory surveillance and border protection tasks. The machinegun is efficient against unarmored vehicles and troops in unfortified facilities.

Compact design and small recoil force acting on the under-wing support enable its mounting on a wide range of aircraft. It also features good rates of fire, effective range, high stability during action, high accuracy and reliability. Simple preparation and ease of maintenance are also the characteristics of this system.

- Weight (kg) with full/empty magazine 95 / 69
- Length (mm) 1870
- Diameter (mm) 340

The pod accommodates a shock-absorber which reduces the recoil together with the muzzle brake. The breech block is put in the rear position (i.e. cocked) from the cabin, right before firing. In case of ammunition failure, it can be re-cocked from the cabin. The pneumatic installation is designed to allow the weapon to be cocked up to 5 times during a flight.

Technical characteristics:

- Heavy machinegun M87 caliber 12,7 x 99 mm with the cradle
- Muzzle velocity (m/s) 845
- Effective range 2000 m
- Rate of fire (RD/ min) 680 - 800 rounds/min
- Magazine capacity 150 rds in the belt

Pneumatic cocking installation

- Working fluid Nitrogen
- Working pressure 8 Bar
- Tank capacity 3-5 times

- Voltage 28 V \pm 4
- Firing modes, short bursts 5 rounds
- Long bursts 10 rounds
- Sustained bursts

Control box features

- Indication of available ammunition
- Indication of the breech-block position
- Cocking
- Indication of the brake condition
- Indication of the working fluid pressure
- Locking/unlocking the weapon
- Selection of firing mode
- Triggering with the aircraft control stick

