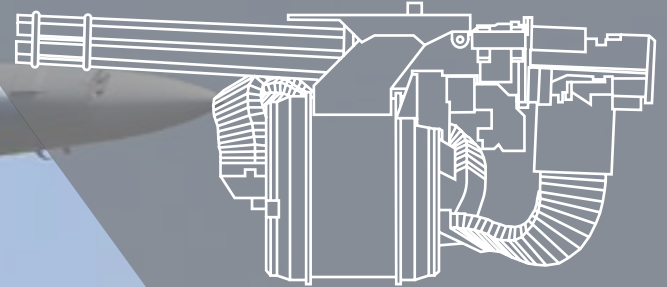




F/A-18 E/F

20mm Gatling Gun System



ARMAMENTS

AIRCRAFT GUNS

OVERVIEW

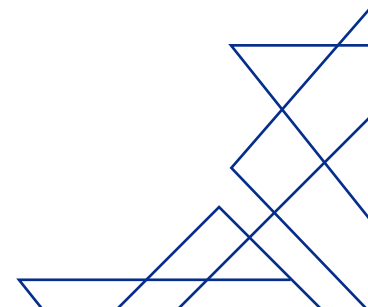
The Boeing 20mm F/A-18 E/F Hornet is a multi-mission, high-performance tactical aircraft armed with an internal 20mm M61A2 lightweight Gatling gun and closed-loop rotary linkless feed system produced by General Dynamics Ordnance and Tactical Systems.

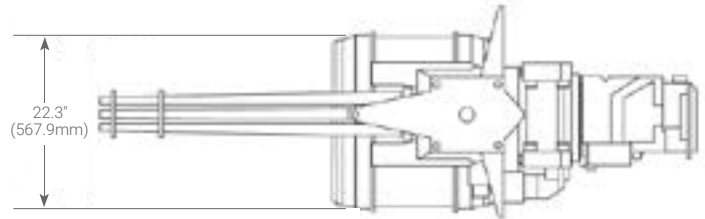
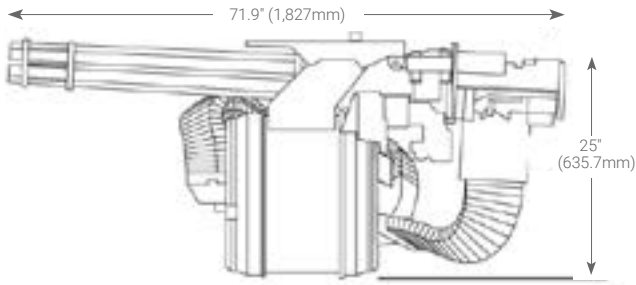
The weapon system operates on the same proven principles that other General Dynamics 20mm Gatling gun systems use providing a wide array of extremely reliable features for positive round control throughout ammunition storage and the transfer cycle. The F/A-18 E/F uses special materials and processes that yield extended life and reduced wear of the precision-engineered sprockets, guides, ammo

drum and round paths. It also features proven gear box designs that provide reliable, precise and efficient power transfer.

The F/A-18 E/F's components, including the gun, are mounted on a pallet structure. The gun is attached to the pallet via twin recoil adapters that dissipate firing forces. The entire system is mounted in the nose of the aircraft with barrel positioning provided by a forward muzzle clamp with integral rollers.

The palletized approach provides a straightforward and rapid installation and removal process for ease of maintenance.





SPECIFICATIONS

Gun Type	M61A2, six-barrel, 20mm, externally powered Gatling gun system
Weight (total)	683lbs (311kg)
Gun	202lbs (92kg)
Feed System	249lbs (113kg)
Ammunition (full)	232lbs (105kg)
Rate of Fire	4,000/6,000 shots per minute
Ammunition Capacity	412 rounds
Ammunition Type	Compatible with all NATO standardized agreement 3585 ammunition
Feed System	Rotary, linkless, closed loop
Drive System	Hydraulic