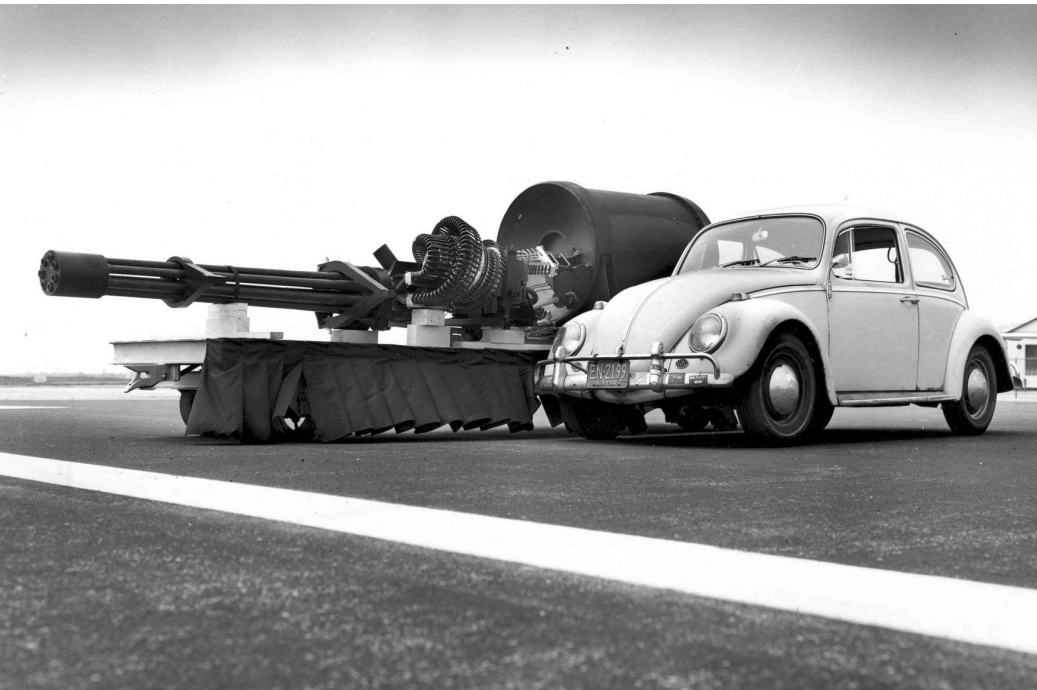


Fairchild Republic A-10 Thunderbolt



By Jacob

Gau-8

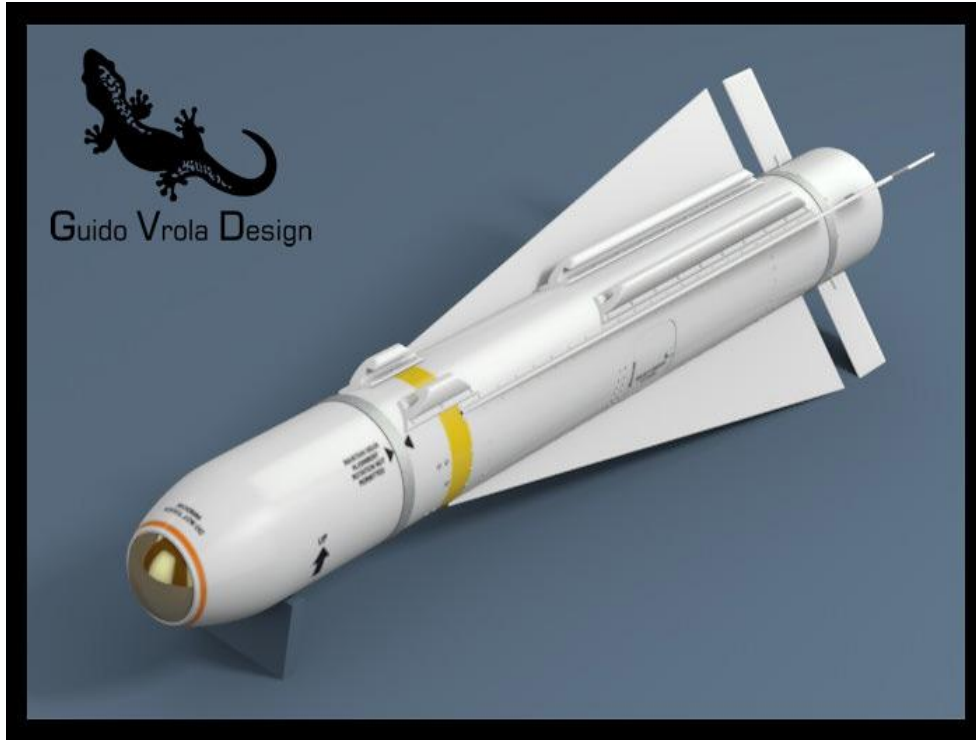


The A-10 is known for its range of weapons trained for destruction on it are 3 types of weapons:

1. fire arms
2. missiles
3. bombs

The most common thing on a A-10 is the gau-8 minigun that takes 30mm rounds. The gau-8 can shoot 72 rounds in 1 seconds so that means in 60 seconds 3,900 rounds can be shot, however, only 1350 rounds can be held at a time.

Missiles and bombs



One of the missiles used commonly is the AGM-65 Maverick. The maverick is an air-to-surface missile; it is a commonly used munition for the A-10, targeted via electro-optical (TV-guided). Other weapons include cluster bombs and Hydra rocket pods. The A-10 is equipped to carry GPS and laser-guided bombs, such as the GBU-39 Small Diameter Bomb.

History



The A-10 has a range of history just as big as its armory. It was built in 1976 for close air support. However it has been a jet to question with to the USAF. They wanted to try to put it out of service but due to its supperioness on the battlefield soldiers in operation desert storm want it to stay.

The A-10 was built as a 2 model of the republic P-47 thunderbolt, see how the name relates. They wanted to make a new model because of the P-47 superior strifing skills

References Part 1

<https://www.youtube.com/watch?v=050reD24i8M>

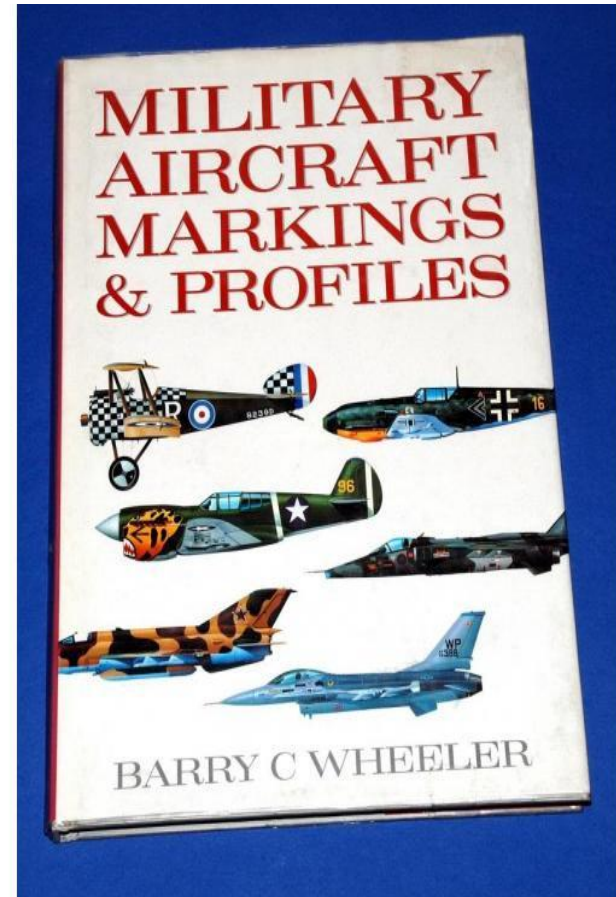
This video is about what a pilot and a there crew has to do in order to prep the A-10 for take off on a runway in Iraq. The pilot has to do many checks on the rudder, ailerons, And flaps more than anything else. However, they do have to make a brief check on landing gear and missiles to check that they are armed. Meanwhile the crew is checking the gau-8 mini gun and sometimes reloading its 1350 capacity drum containers or changing its 7 barrels because due to the large rate of fire barrel section can melt causing blockage for the bullet and in some cases internal damage.



References Part 2

[Military aircraft markings and profiles by barry c. Wheeler](#)

This book is on the marketing, history, decals of every plane since WW1. It was helpful to find the armorment (weapons) history, and marketing of each jet, helicopter and plane since World War I. It also shows the decal that a jet had at any time.



References Part 3

[Fairchild Republic A-10 Thunderbolt II - Wikipedia](#)

This is a wikipedia file on the A-10 website it contains everything that the book and video had with even more as in costs for the frame and engines for a citizen, patches of squadrons that use the A-10 and the role of the jet.

