



Fouga CM-170 Magister



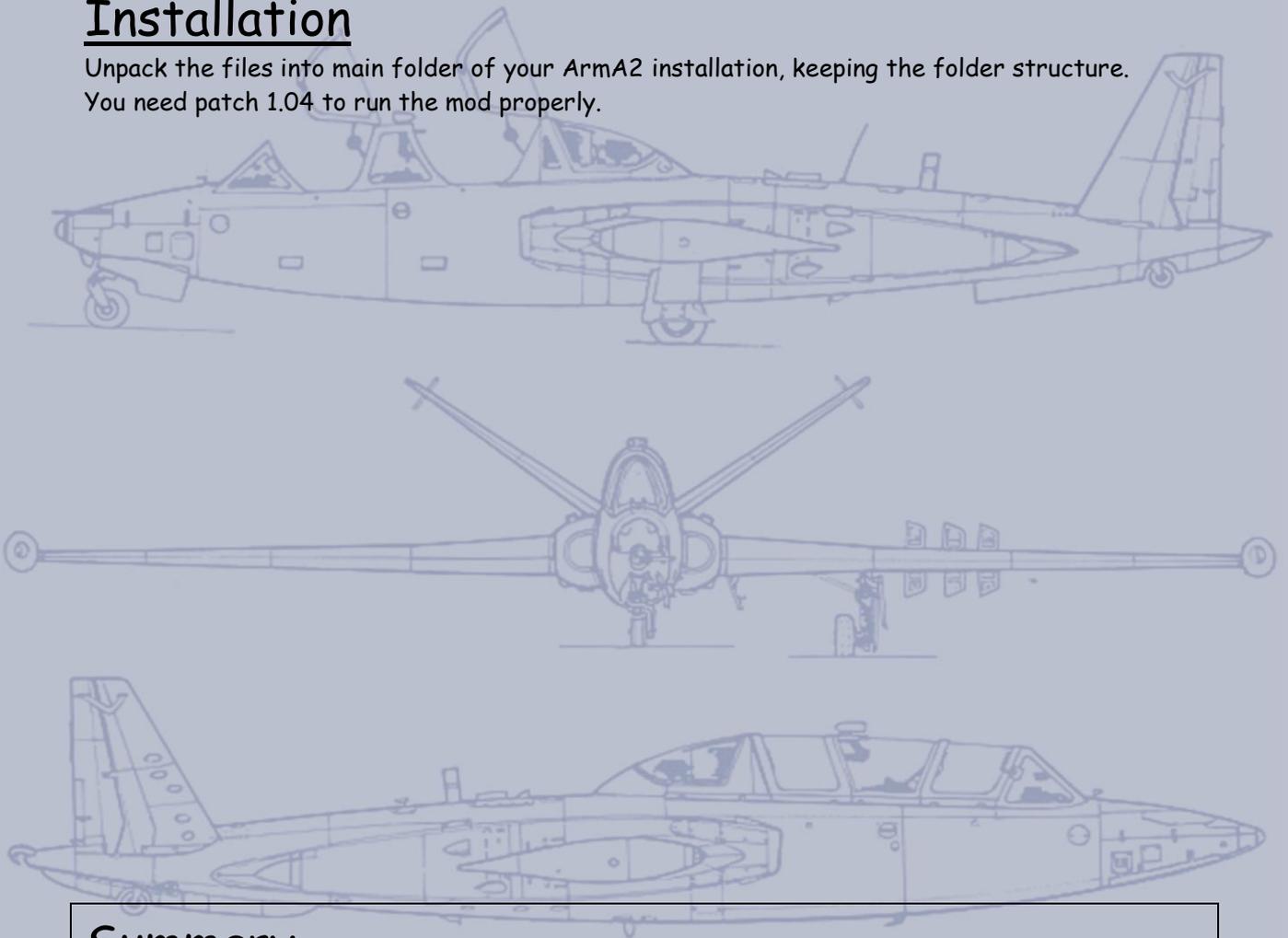
By CheyenneAH56

Change log

V1.0

Installation

Unpack the files into main folder of your ArmA2 installation, keeping the folder structure.
You need patch 1.04 to run the mod properly.



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Fouga Magister

The Fouga CM-170 Magister was the first primary jet trainer to enter production, under a French Armée de l' Air specification. The Magister sprang from the previous work of designer Pierre Mauboussin, who was known for fitting small turbojet engines to light aircraft and gliders. The prototype of the distinctive butterfly-tail jet, built by the Air Fouga company, made its first flight on 23 July 1952. Its performance impressed the French Air Force so much that it immediately ordered 10 pre-production models, quickly followed by over 400 production aircraft. A navalized variant, the CM-175 Zephyr, appeared, fitted with a tail hook and strengthened landing gear to allow aircraft carrier operations. 32 Zephyrs were built for the Aéronavale. In 1958, the parent company (Fouga) was acquired by the Potez company, then by Sud-Aviation in 1967, and finally by Aérospatiale. The Magister was also built under license in several other nations, including Germany (by Messerschmitt), Finland (by Valmet), and Israel. Israeli Aircraft Industries' version was initially nicknamed the Snunit ("Swallow") but this name never caught on and the airplane was later called the "Tzokit" ("Thrush") after an upgrade program in 1983. Israel also called it the AMIT (Advanced Multi-mission Improved Trainer).

In addition, many nations purchased Magisters for trainer and light-attack duties. In the latter role, the aircraft could be fitted with two 7.5-mm or 7.62-mm machine guns in the nose, several combinations of underwing rocket pods or freefall bombs, and even Nord AS.11 air-to-surface missiles. Israel proved the Magister's combat worth during the Six Day War in June 1967, when the Magister flew ground attack missions in Egypt and Jordan.

The Magister design did not change much throughout its production life. The most significant upgrade, the CM-170-2, was fitted with Turbomecca Marbore VI engines, which gave the airplane a 350-pound increase in thrust over the earlier Marbore IIs, resulting in a higher useful load and greater climb rate. The more powerful engines were also used in the CM-170-3 Super Magister, operated by the Irish Air Corps as a light attack/trainer well into the 1990s.

After France began retiring their Magisters in the 1980s, private warbird collectors began acquiring them, and today, over 50 of them are on the civil rosters in the USA, New Zealand and England. Ironically, due to French restrictions on Magisters being registered as a civil aircraft, only a few are flown in the aircraft's original homeland.

One of the best-handling jet trainers ever built, the Fouga is and will continue to be treasured for its straightforward flight characteristics and twin-engine safety.

Specifications (CM-170):

Engines: Two 882-pound thrust Turbomecca Marbore IIA turbojets

Weight: Empty 4,740 lbs., Max Takeoff 7,055 lbs.

Wing Span: 39ft. 10in. including tip tanks

Length: 33ft. 0in.

Height: 9ft. 2in.

Performance:

Maximum Speed: 444 mph

Ceiling: 36,090 ft.

Range: 575 miles

Armament (Optional):

Two 7.5-mm (0.295-inch) or 7.62-mm (0.3-inch) machine guns in nose, plus underwing hardpoints for rockets, bombs or Nord AS.11 missiles.

Number Built: 918



Weapons

In ArmA2, the CM-170 is equipped with:

Fouga CM-170 Magister -----

GSh302 (Weapon: GSh302 - Ammo: 750Rnd_30mm_GSh301)

14 Round FFAR Launcher (Weapon: FFARLauncher_14 - Ammo: 14Rnd_FFAR)

Fouga CM-170 Magister (Bombs)-----

GSh302 (Weapon: GSh302 - Ammo: 750Rnd_30mm_GSh301)

FAB 250 Bombs (Weapon: HeliBombLauncher - Ammo: 2Rnd_FAB_250)

Fouga CM-170 Magister (AS11)-----

GSh302 (Weapon: GSh302 - Ammo: 750Rnd_30mm_GSh301)

Nord AS.11 Filo-guided Missile (Weapon: NordAS11- Ammo: NordAS11Mag)

Fouga CM-170 Magister (Display)-----

No Weapons - Display aircraft in CDF Colors

CDF Régiments

The Fouga CM-170 Magister regiment of the CDF was set up after the SU-25 regiment, to supply an aerial support more effective to ground troops.

The speed of the Fouga CM-170 Magister and its suppleness with low speed make a major asset during the skirmishes between foot soldiers, furthermore, the Fouga CM-170 Magister can operate to herbal airports.

Crédits

Thanks to:

www.armedassault.info

www.restauravia.com & André Chancel (Original Fouga CM-170 Magister textures & Models)

IMPORTANT :

The permission of editing the original model was granted by Email by the authors.

All Add-ons are released, without exception, with the preable agreement of the respective authors.