



Bloch M.B.700

1940



FIGHTER

Virtual Aircraft Museum / France / Bloch



In 1936, the *Ministere de l'Air* established a requirement for a lightweight fighter of wooden construction which resulted in the development of the Arsenal VG 30, the Caudron C 713 and the Bloch 700. The last-mentioned type, designed by Andre Herbemont, who had been responsible for the Bleriot SPAD fighter series, was built at the former Bleriot-Aeronautique plant at Suresnes which had been incorporated in the Societe Nationale de Construction Aeronautiques du Sud-Ouest (SNCASO) on 1 January 1937, under the directorship of Marcel Bloch. Of stressed-skin construction, the Bloch 700 was powered by a Gnome-Rhone 14 M614-cylinder radial engine offering 700hp for take-off and had provision for two 20mm Hispano-Suiza 404 cannon and two 7.5mm MAC 1934 M39 machine guns. The sole prototype was destroyed at Buc after capture by German forces.



COMPANY PROFILE



All the World's Rotorcraft

3-View



A three-view drawing (1648 x 1255)

Specification

MODEL	MB.700	
CREW	1	
ENGINE	1 x 700hp Gnome-Rhone 14M-6	
WEIGHTS		
Take-off weight	1850 kg	4079 lb
Empty weight	987 kg	2176 lb
DIMENSIONS		
Wingspan	8.90 m	29 ft 2 in
Length	7.34 m	24 ft 1 in
Height	3.40 m	11 ft 2 in
Wing area	12.40 m ²	133.47 sq ft
PERFORMANCE		
Max. speed	550 km/h	342 mph
Cruise speed	440 km/h	273 mph
Ceiling	8700 m	28550 ft
ARMAMENT	2 x 20mm, 2 x 7.5mm	

Comments

Michael Allen, [e-mail](#), 05.08.2016 09:03

It is a very interesting aircraft. But lightweight concept was a good idea. The ultimate aircraft of this cocept has to be the de Havilland Mosquito which made use of balsa wood and furniture manufacturers. It's light weight meant it was very fast and could outrun Luftwaffe fighters. The only Allied aircraft that the Germans tried to directly copy. They failed because of problems with adhesive technology.

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Pablo Alvarez, [e-mail](#), 09.01.2015 21:22

Consider that not even the Italian aircraft whose average power was 840hp were able to reach 500 km /h. This says a lot about a design that has only 700hp.

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toja, 28.11.2013 17:22

Yak-3 wasn't "lightweight fighter", it had early Spitfire's mass and was much heavier than Bf-109d, only 10% lighter than bf-109g.

[reply](#)

Klaatu83, [e-mail](#), 02.01.2012 16:41

Perhaps the only really successful "lightweight fighter" of the period was the Soviet Union's Yak-3 which, ironically, ended up being flown by ex-patriot French pilots!

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