

BLOCH MB-152



Version 5.0 MSFS 2020/2024

BLOCH MB-152

THE Bloch MB-152 PROJECT

The Bloch MB-152 was first modeled by Emmanuel Geffroy for Flight Simulator 9 in 2007, followed by adaptations by Jean-Marie Chardes for FSX et Prepar3D .

The model presented here is the result of a new adaptation by Jean Lacante pour Flight Simulator 2020 and 2024(MSFS) with the help of André Chancel.

The prototype of the Bloch MB-152, derived from the Bloch MB-151, first flew at the end of 1938.

A low-wing monoplane of all-metal construction, armed with two cannons and two machine guns (or four machine guns).

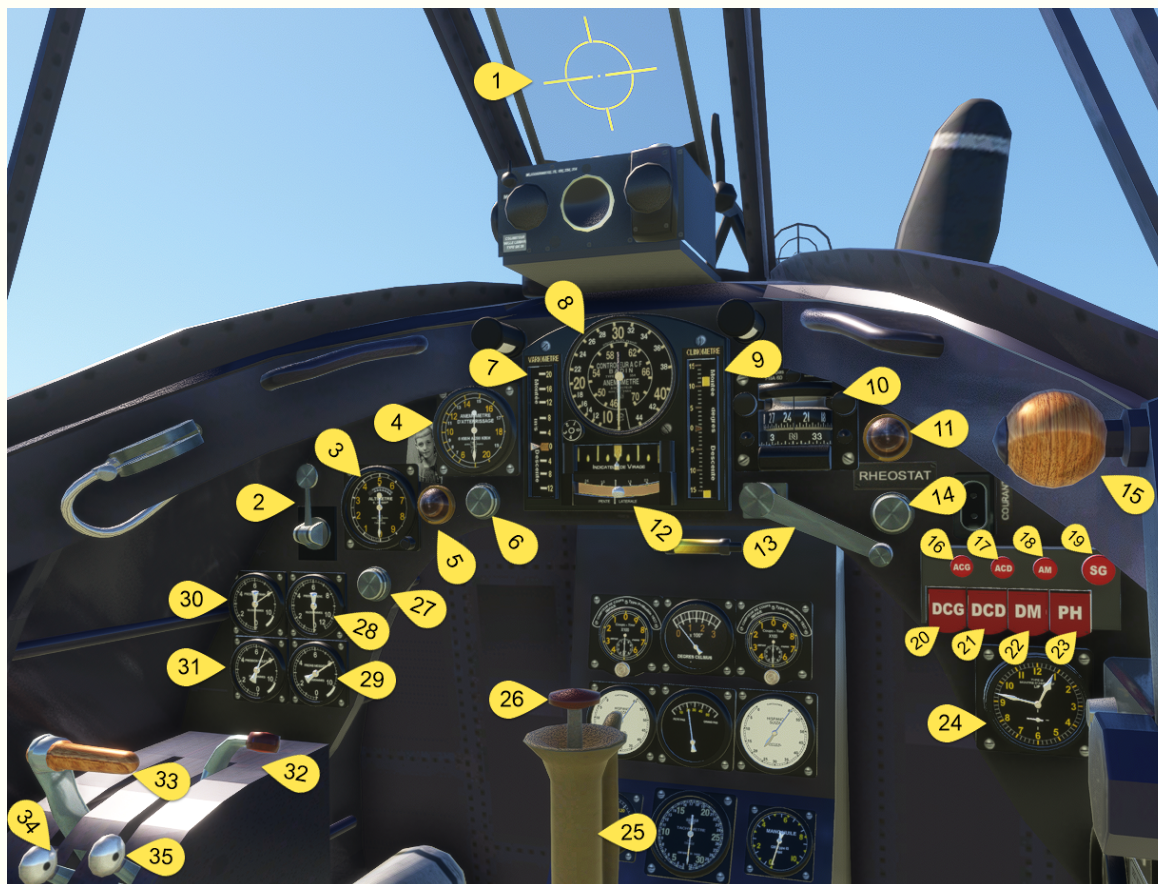
The MB-152 was one of the most widely used French fighters during the May-June 1940 campaign.

Clearly outclassed by the Messerschmitt Bf 109E, its main rival, this aircraft was produced in a number of 614 examples, a number of which were used by the Armistice Air Force.

The MB-152 spawned several derivatives, such as the MB-155 et MB-157, which were not mass-produced.

BLOCH MB-152

FRONT PANEL



* If throttle open 100 %

** Left click or mouse wheel

*** Left click or joystick button for smoke activation

- 1 - Reticule
- 2 - Fire extinguisher lever
- 3 - Altimeter
- 4 - Landing anemometer
- 5 - No ammunition alarm light
- 6 - Booster (War Emergency Power) *
- 7 - Variometer
- 8 - Anemometer
- 9 - Inclinometer
- 10 - Compass
- 11 - Engine fire alarm light
- 12 - Turn indicator

- 13 - Engine cooling flap adjustment
- 14 - Rheostat (not active)
- 15 - Cockpit open/close control **
- 16 - Left cannon safety
- 17 - Right cannon safety
- 18 - Machine guns safety
- 19 - Armament security (reticule display)
- 20 - Left cannon armament
- 21 - Right cannon armament
- 22 - Machine guns armament
- 23 - Photo-machine gun armament (not active)

** left click or mouse wheel

- 24 - Watch
- 25 - Shooting trigger ***
- 26 - Parking brakes
- 27 - Carburetor heating
- 28 - Hydraulic pressure
- 29 - Brake pressure
- 30 - Landing gear pressure
- 31 - Landing flap pressure
- 32 - Propeller pitch lever
- 33 - Throttle lever
- 34 - Mixture lever
- 35 - Fuel cut-off

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CENTRAL PANEL



- 1 - Left machine Gun - Cartridge Counter
- 2 - Cylinder temperature
- 3 - Right machine Gun - Cartridge Counter
- 4 - Yoke visibility click zone
- 5 - Left Cannon - Shell Counter
- 6 - Propeller pitch indicator
- 7 - Left Cannon - Shell Counter

- 8 - Intake pressure gauge
- 9 - Tachometer
- 10 - Oil pressure gauge
- 11 - Fuel pressure gauge
- 12 - Fuel quantity
- 13 - Oil temperature (dual gauge)
- 14 - Contact light

- 15 - Contact button
- 16 - Starter button
- 17 - Oil injection (not active)
- 18 - Engine starter
- 19 - Gear up indicator lights
- 20 - Moving gear indicator lights
- 21 - Gear down indicator lights

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RIGHT CONSOLE



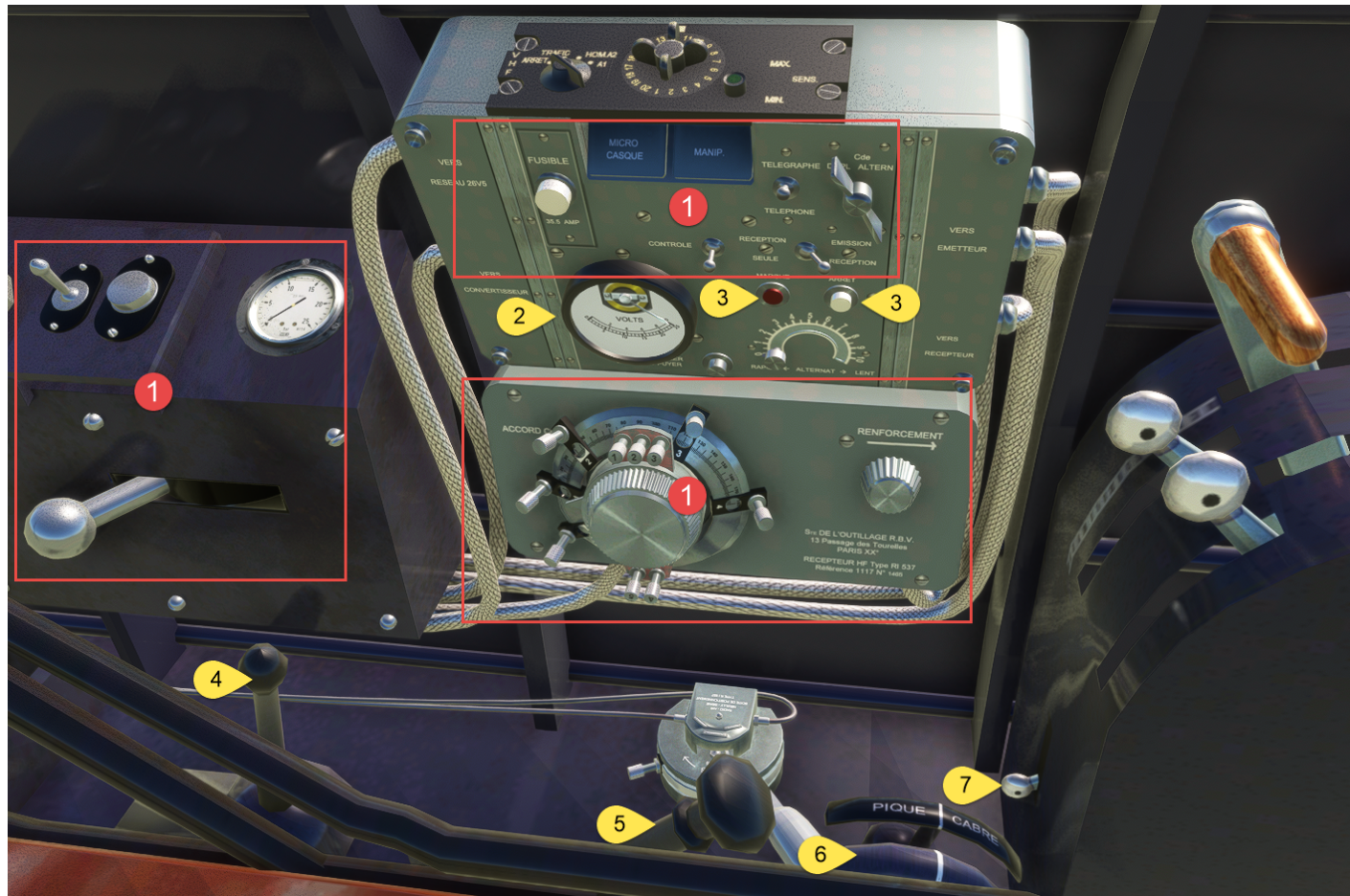
- 1 - Cockpit open/close control
- 2 - Oxygen distribution lever
- 3 - Oxygen pressure
- 4 - Oxygen flow rate
- 5 - Oxygen distribution tap
- 6 - Seat position lever
- 7 - Clothing heating switch (not active)

- 8 - Oxygen distribution indicator
- 9 - Clothing heating selector (not active)
- 10 - Battery switch
- 11 - Navigation light switch
- 12 - Landing light switch
- 13 - Fuel cut-off
- 14 - Emergency lighting brightness adjustment

- 15 - Emergency lighting switch
- 16 - Pitot heating
- 17 - Generator switch
- 18 - Ammeter
- 19 - Generator light

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LEFT CONSOLE



1 - All the animations in these areas are not active in this version

- 2 - Battery voltage
- 3 - Avionics on/off switches
- 4 - Flap lever
- 5 - Landing gear lever
- 6 - Elevator trim
- 7 - Engine cowl open/close lever

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VHF RADIO



- 1 - On/Off switch
- 2 - VHF MHz frequency selector
- 3 - VHF KHz frequency selector
- 4 - VHF frequency display switch
- 5 - VHF frequency display

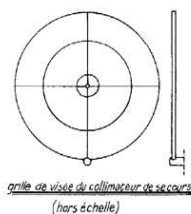
BLOCH MB-152

GENERAL INFORMATION

BLOCH
152.C1

N°

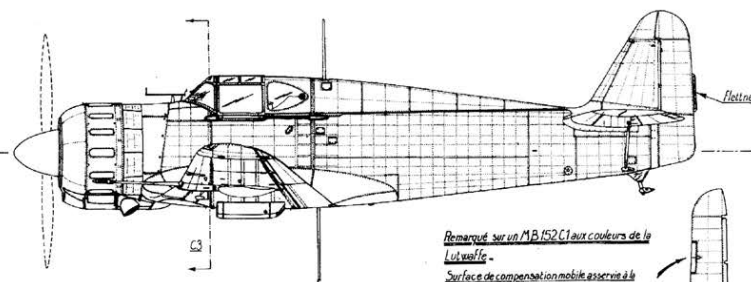
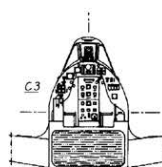
VERSION DE SÉRIE
(Capot moteur définitif)



surface de compensation fixe B.
réglable au sol.

grille de visée du collimateur de secours
(hors échelle)

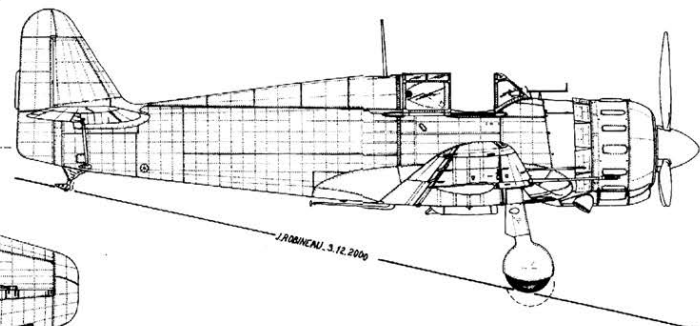
OBSERVATION IMPORTANTE
Certains BLOCH 152 de cette série peuvent
être équipés d'un radiateur d'huile non modi-
fié, de plus petite surface (voir MB153).



Remarque sur un MB 152 C1 aux couleurs de la
Luftwaffe -
Surface de compensation mobile associée à la
gouverne (Hettner) ou commandée (tab)?

autres variantes de Hettner
fixe à réglable au sol

Envergure: 10,570m
Longueur: 9,051m
Envergure empennage: 3,440m
Hauteur direction: 2,025m
Matière couple: 1,055 x 1,734m
Voie outrain: 3,00m
Courses amortisseurs: principaux: 300mm - bequille: 120mm
Pneumatiques: 650 x 236
Incidences: voilure principale: 3°40' - profondeur: 1°20'
Calages par rapport axe fuselage: G.M.P. 2°5' gauche
..... dérive: 1° droite
Moteur: Gnome & Rhône 14 N 49 puissance maximum: 1100cv
Helice: Chauvière, tripale métallique à pas variable, Ø 3,000m
Armement: 2 canons H.S. 404 de 20mm + 120 obus (2 x 60)
2 mitrailleuses M.A.C. de 7,5mm + 1000 cartouches (2 x 500)
2 engins éclairants (chasse nocturne), 1 fusée d'atterrissage
Essence: 415 litres. Huile: 47 litres, plein normal: 33 litres

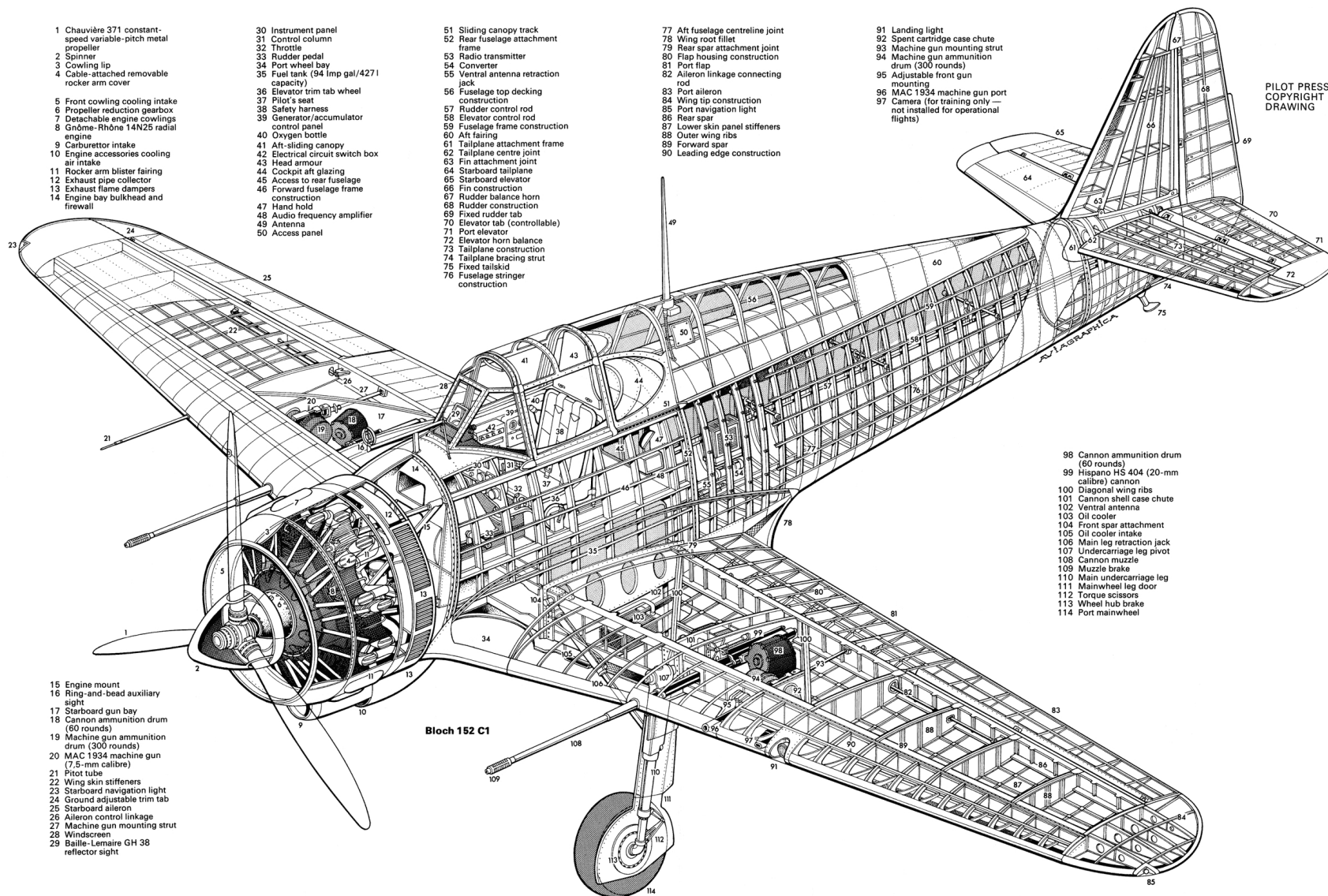


mètres

3 VIEW PLAN

BLOCH MB-152

GENERAL INFORMATION



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DRAWING

Bloch 152 C1

EXPLODED VIEW

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GENERAL INFORMATION

DIMENSIONS

Envergure : 10,54 m
Surface alaire : 17,32 m²
Hauteur : 3,96 m
Longueur totale : 9,10 m
Envergure empennage : 3,44 m

MOTORISATION

Gnome & Rhône 14 cylindres en étoile 14N49 de 1100 cv

CARBURANT

Interne : 415 litres

MASSE

Masse à vide : 2158 kg
Masse totale : 2748 kg

ARMEMENT

Deux canons Hispano Suiza HS-404 de 20 mm - 60 obus
Deux mitrailleuses MAC 34 de 7,5 mm - 500 cartouches

PERFORMANCES

Vitesse maximale : 510 km/h à 5500 m
Vitesse ascensionnelle : 4000 m en 6 minute 12 secondes
Plafond pratique : 11050 mètres

DESCRIPTION

This model is the property of Restauravia.
It is distributed as freeware on the Restauravia website.

Any distribution of this model, or any part of it, modified or not, by any other means is prohibited without the formal authorization of Restauravia.

However, the distribution of textures is authorized on any site provided it is free of charge and in the form of an add-on to be integrated into the base model.

Have a good flight!

If you encounter any problems using this model:

- *Consult this documentation. The answer to your problem is likely there.*
- *Visit the Pilote Virtuel forum <https://www.pilotevirtuel.com>.*
We're probably talking about Bloch MB-152 and you will find help there..
- *as a last resort, if the problem persists, contact Restauravia support*
support@restauravia.fr

