

PIEL CP301-EMERAUDE



Version 1.0 MSFS 2020/2024

PIEL CP301-EMERAUDE

THE PIEL EMERAUDE PROJECT

The Piel CP301 had already been the subject of a first model by Gilles Faulmeyer for Flight Simulator 9 in 2006.

The model proposed here results from a new adaptation made by Jean Lacante for Flight Simulator 2020 and 2024 (MSFS) with the help of André Chancel and with the agreement of the original designer Gilles Faulmeyer.

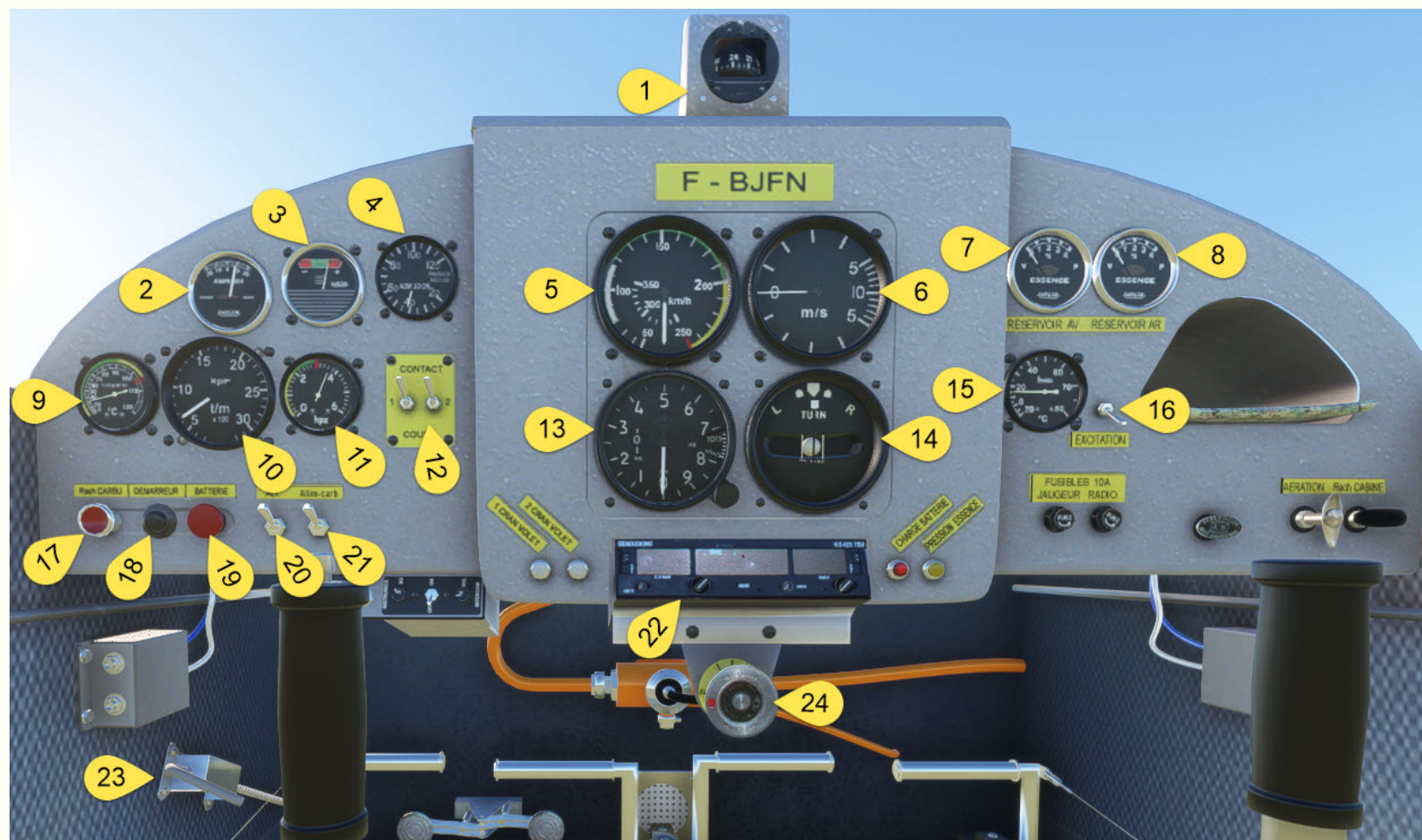
The prototype of the Piel CP301, derived from the Piel CP30, first flew in 1956.

It is a low-wing monoplane of wood and fabric construction.

The Piel CP301 “Emeraude” can be used in the semi-aerobatic category, including intentional spins. Inverted flight is prohibited, and solo flight is only permitted in the left seat.

PIEL CP301-EMERAUDE

FRONT PANEL



1 - Canopy opening/closing control clic zone

2 - Ammeter

3 - Voltmeter

4 - Manifold pressure

5 - Anemometer

6 - Vertical speed indicator

7 - Front fuel tank level

8 - Rear fuel tank level

9 - Oil temperature

10 - Tachometer

11 - Oil pressure

12 - Magneto contacts

13 - Altimeter

14 - Turn indicator

15 - Outside air temperature

16 - INOP

17 - Carburetor heater

18 - Starter

19 - Battery ON/OFF switch

20 - alternator switch

21 - Fuel cutoff switch

22 - Radio (see page 5)

23 - Parking brake

24 - Fuel tank selector

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CENTRAL BENCH



- 1 - Throttle lever
- 2 - Landing flaps lever
- 3 - Elevator trim handle

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RADIO COM/NAV

NAV CDI VOR Mode



NAV LOCALIZER Mode



NAV CDI AUTO-TO Mode

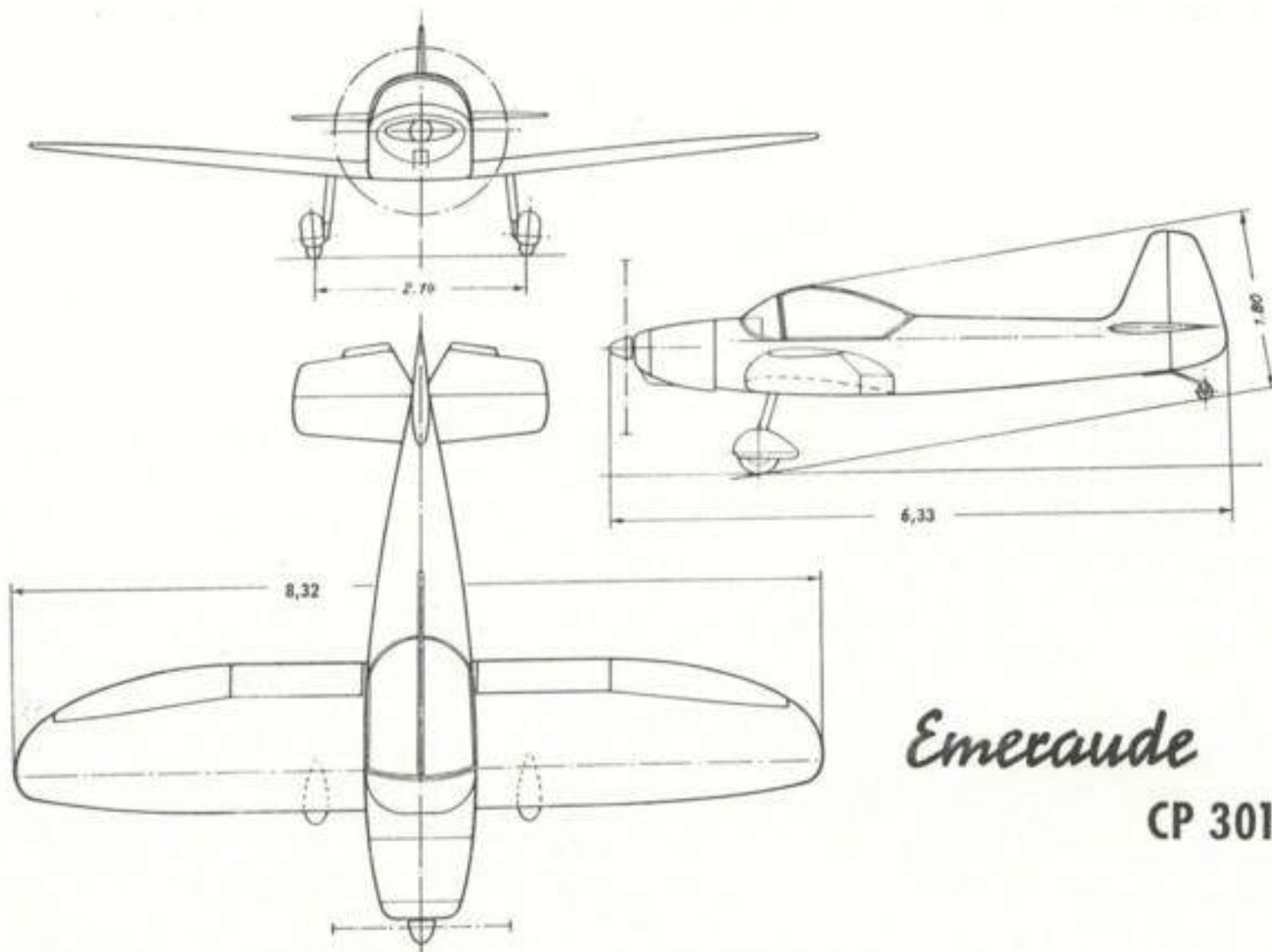


- 1 - On/Off Switch
- 2 - SBY VHF MHz Frequency Selector
- 3 - SBY VHF KHz Frequency Selector
- 4 - VOR mode selector
- 5 - OBS settings (click or scroll wheel)

- 6 - SBY NAV MHz Frequency Selector
- 7 - SBY NAV KHz Frequency Selector
- 8 - VHF SBY/active frequency switch
- 9 - NAV SBY/active frequency switch

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GENERAL INFORMATION



Emeraude
CP 301

3-VIEW PLAN

PIEL CP301-EMERAUDE

GENERAL INFORMATION

DIMENSIONS

Envergure : 8.32 m
Surface alaire : 10.87 m²
Longueur totale : 6.33 m
Envergure empennage : 2.95 m

MOTORISATION

Continental C-90

CARBURANT

Interne : 123 litres

MASSE

Masse à vide : 372 kg
Masse totale : 667 kg

PERFORMANCES

Vitesse maximale : 250 km/h
Vitesse de croisière : 190/200 km/h

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

