



POBEREZNÝ P-9 Pober Pixie

Paul Poberezny designed the Pober Pixie in response to the energy crisis in the 1970's. The Pixie was to be the first in a series of economy aircraft that would meet the new demand for fuel efficiency as part of the EAA design project entitled "Project Econoplane".

The Pober Pixie was manufactured in record time. The project started in January of 1974 in the EAA's shop. The maiden flight was 6 months later in July that year, just prior to the EAA Convention in Oshkosh.

The aircraft was originally powered by a converted Volkswagen engine, which was later swapped with a Limbach Model SL 1700 EA. The Limbach engine develops 60 maximum horsepower at 3550 rpm.

The Pober Pixie is easy to fly and economical to run. The cockpit is roomy enough for larger pilots and has a high enough cruise speed for reasonable cross country trips. In many ways, the Pixie's open cockpit typified sport aviation and the helmet and goggle era.

Specifications

**Wing Span: 29 ft. 10 in. Length: 17 ft. 3 in. Empty Weight: 543 lbs.
Gross Weight: 900 lbs. Maximum Speed: 130 mph. Cruise Speed: 83 mph
Stall Speed: 30 mph. Fuel Capacity: 12.3 gals. Baggage: 20 lbs.
Rate of Climb: 500 fpm. Range: 290 mi.**



POBER PIXIE FLIGHT SIMULATOR FSX & FS9

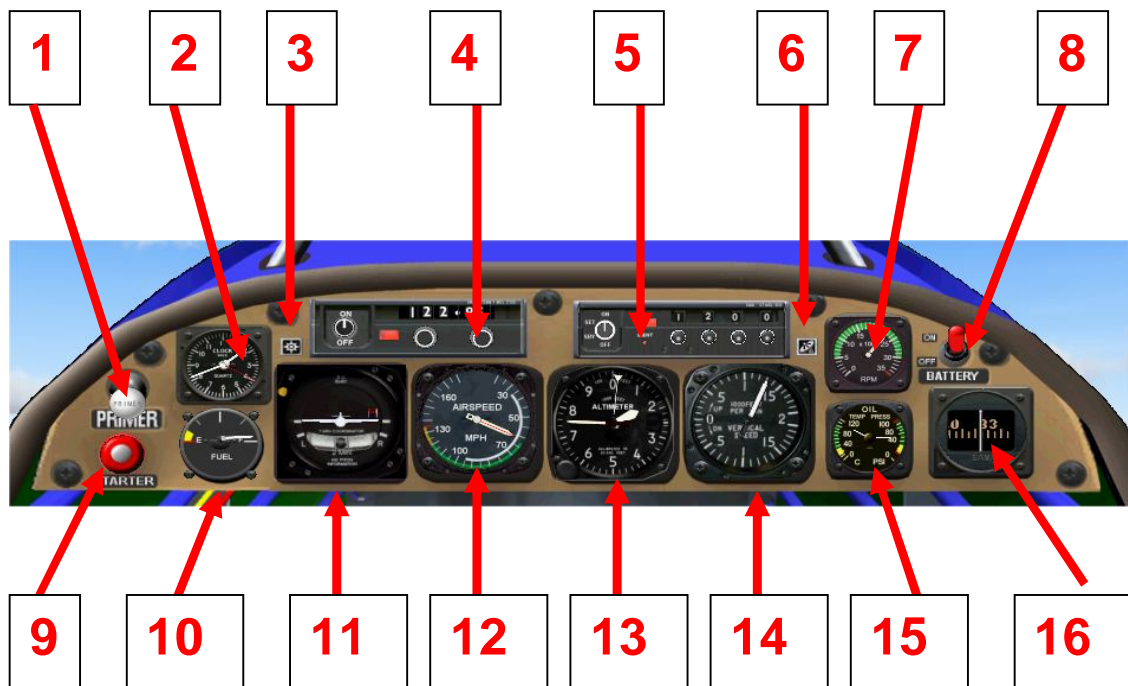
DESIGN FOR FLIGHT SIMULATOR

The model was designed from really scares info available from the internet for this little aircraft. The photo and the aircraft specifications of the real one you saw above were about all I could work from. The cockpit interior, gauges, engine and flight file is how I see it and therefore by no means resembles that of the real aircraft.

THE MODEL FEATURES THE FOLLOWING ANIMATIONS:

- control surfaces and aileron push rods
- under carriage
- passenger door (Shift + E)
- Cowl Doors (Spoiler key "P")
- Pilot figure
- Joystick and Rudder Pedals
- Throttle (Virtual Cockpit)
- Mixture (Virtual Cockpit)
- Starter (Virtual Cockpit)
- Engine Primer (Virtual Cockpit)
- Master Battery Switch (Virtual Cockpit)

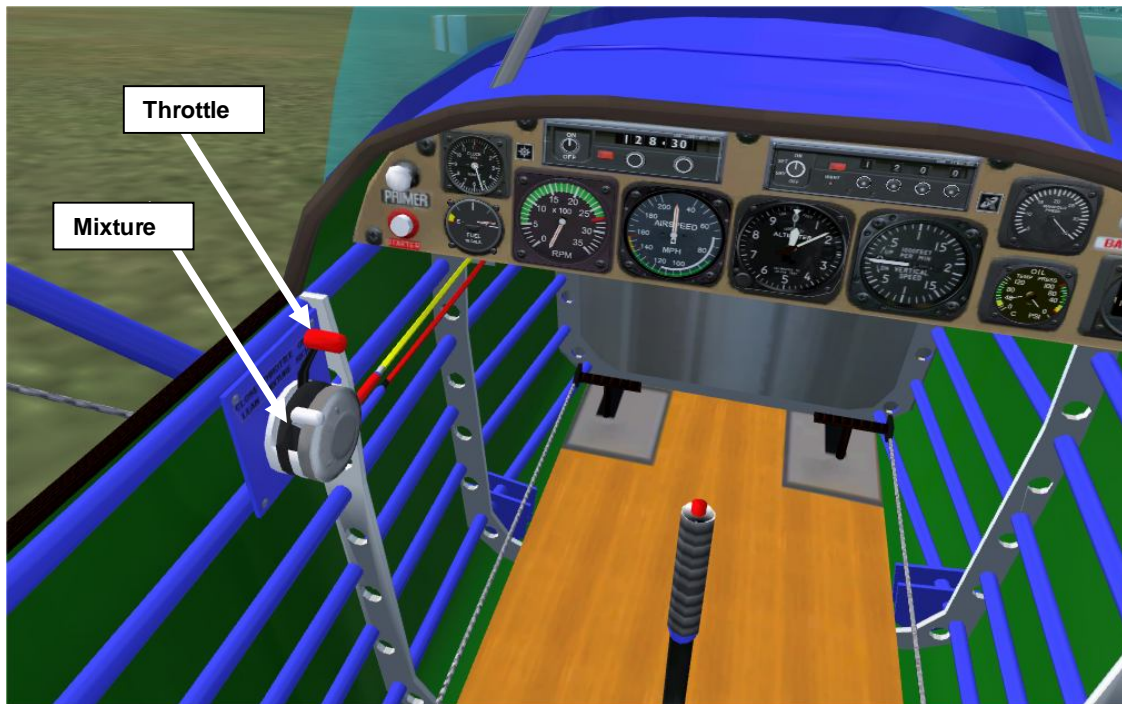
MAIN PANEL



(FIG. 1)

1. Primer
2. Clock
3. Map Icon
4. Comm. 1 Radio
5. Transponder
6. GPS Icon
7. RPM
8. Master Battery Switch
9. Starter
10. Fuel Gauge (12.3 gal.)
11. Turn coordinator
12. Airspeed
13. Altimeter
14. VSI
15. Oil Temp. & press.
16. Whiskey Compass

THROTTLE AND MIXTURE (VIRTUAL COCKPIT ONLY)



(Fig. 2)

Throttle: Open forward. Close aft
Mixture: Rich forward. Lean aft.

ENGINE

The spoiler key “/” opens and closes the cowl doors.



(Fig. 3)

ENGINE START-UP

The engine is running by default. To kill the engine click on the start button and drag left with the mouse. Make sure the master battery switch is in the “off” position after shutting down to prevent battery drain. The engine will not fire up after a while should you leave the battery switch “on”.

To start the engine close the throttle, mixture in rich position and battery switch “on”. Click on the starter button and drag to the right with the mouse.

FLYING THE POBER PIXIE

Taxiing, take-off roll and landing is the same as with any small tail dragger aircraft without flaps.

She is not the world’s fastest aircraft but sure is one of the prettiest. She is very slow at a lightning fast 83 mph but a gentle flyer and therefore ideal for those laid back sight seeing trips. Should your route takes you over the high mountains you will have to plan well ahead because she takes ages to gain height – only about 500 feet per minute.

Enjoy!

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