

Kawanishi N1K2-J Shidenkai

2019.10.22 Tanzai

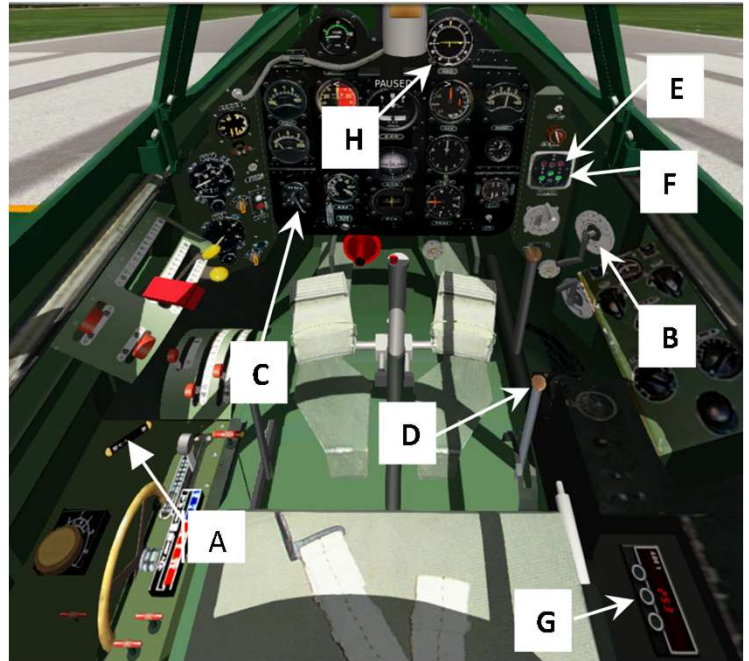
File name: N1K2-J Shidenkai 3.0

Rev. 03: Red area has revised.

Shidenkai is one of the most powerful interceptor operated from Jan. to Aug. 1945 in Japan.

The aircraft in this package supports following features, other than aileron, elevator, rudder, Throttle, and Flap.

- 1) By setting "**Canopy toggle**" to a joystick button or Keyboard, the button opens/closes canopy and extract/retract foot steps on the body. (Settings window --> Joystick tab or Keyboard tab)
- 2) Pull gun control lever (A in the right fig.) by clicking it and press a button, which "**Fire guns!**" has set, to fire guns. Tracer bullets appear. (Settings window --> Joystick tab)
- 3) Turn handle B in the right fig. to open/close cowl flaps.
- 4) Turn ignition lever (C in the right fig.) to the leftmost position to stop engine. Keep this lever to rightmost position "Both" while in-flight. You can start engine by clicking CTR+1.
- 5) Click landing gear lever (D in the right fig.) to toggle the gear position. Red lamp (E in the right fig.) turns on when the gear is retracted. Green lamp (F in the right fig.) turns on when the gear is extracted.
- 6) Set NDB frequency to ADF receiver (G in the right fig.) to show the direction of the NDB station in ADF display (H in the right fig.).



Landing note:

- 1) Extend the gears less than 150 kt. Extend the flaps under 140 kt.
- 2) At final approach, keep airspeed 100 kt. and extend flaps fully. At touchdown, keep 85 kt. while looking touchdown area on top edge of cowling (or little a bit lower). Descending rate is 3 to 4 m/s.
- 3) Operate followings after touchdown to reduce ground speed.
 - Pull joystick fully toward you to press tail wheel against runway.
 - Adjust rudder (toe brake) to keep plane direction along with runway.



This aircraft was tested using X-Plane 11.4 (64 bit).

The package may be redistributed for non commercial purposes only; derivatives MAY NOT be redistributed.

Reference:

- 1) Aero Detail26 KAWANISHI N1K2-J "GEORGE", Dainippon Kaiga Co.,Ltd.
- 2) The Maru Mechanics No.43, Ushio Publishing, Inc.
- 3) Pacific war history series Vol. 24, Gakusyu Kenkyu, MODEL ART Co.,Ltd.
- 4) Imperial Japanese Army&Navy Airplane Illustrated Book No.1, MODEL ART Co.,Ltd.