

Kawanishi N1K2-J Shidenkai

2017.10.6 Tanzai

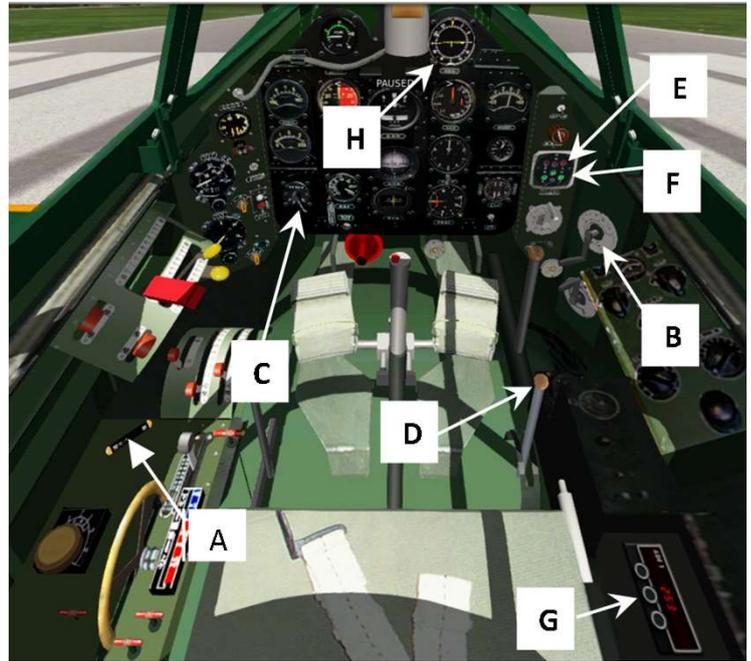
File name: N1K2-J Shidenkai

Rev. 02: 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 button, the button opens/closes canopy and extract/retract foot steps on the body. (Settings --> Joystick & Equipment --> Buttons: Adv --> flight controls/ --> Canopy toggle)
- 2) Pull gun control lever (A in the right fig.) and press a button, which "**Fire guns!**" has set, to fire guns. (Settings --> Joystick & Equipment --> Buttons: Basic --> Fire guns!)
- 3) Turn handle B in the right fig. to open/close cowl flaps.
- 4) Turn ignition lever (C in the right fig.) to the rightmost position to stop engine. Keep this lever to leftmost position while in-flight.
- 5) Click landing gear lever (D in the right fig.) or G key 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 cowl (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.
 - Lower engine RPM slowly and carefully. Rapid RPM decrease may cause slip of tire and lose its control.
 - Adjust rudder (toe brake) to keep plane direction along with runway.



This aircraft was tested using X-Plane 10.51 (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.