

MITSUBISHI F-2

USER'S GUIDE

Product by Team FSKBT

(English)



MITSUBISHI F-2A Specifications

General characteristics

Wingspan:10.80 m

Length:15.52 m

Height:4.69m

Empty weight:9527Kg

Maximum Fuel weight:3642Kg

Max takeoff weight:22100Kg

Loaded weight:18300Kg

Armament weight:over 8085Kg

Power plant

General Electric F110-GE129×1

Thrust with afterburner: 131.2 k N (29.500 l b)

Dry thrust: 75.6 n N (17.000 l b)

fuel capacity

Internal fuel capacity: 1.255Gal

External fuel capacity

600Gal Drop tanks (wing stations) × 2

300Gal Drop tank (Centerline station) × 1

Performance

Maximum speed (At altitude) M2.0

Maximum speed (At sea level) M1.1

Maximum landing approach speed: 300Kt

Takeoff safety speed: 300Kt

Combat radius (on anti-ship mission) 450nm+

Wing loading (Under 12.00Kg) +9G/-3G

Wing loading (22.000Kg) +4.8G/-1.6G

Crew 1

-----Index-----

<u>MITSUBISHI F-2 Specifications</u>	<u>P.2</u>
<u>Index</u>	<u>P.3</u>
<u>VC Panel View</u>	<u>P.4</u>
<u>Head Up Display(HUD)</u>	<u>P.5</u>
<u>Left MFD</u>	<u>P.6</u>
<u>Right MFD</u>	<u>P.7</u>
<u>Center Console</u>	<u>P.8</u>
<u>Center MFD</u>	<u>P.9</u>
<u>Left Console</u>	<u>P.10</u>
<u>Left side Console</u>	<u>P.11</u>
<u>Right side Console</u>	<u>P.12</u>
<u>Radio Panel</u>	<u>P.13</u>

-----Panel Tutorial-----

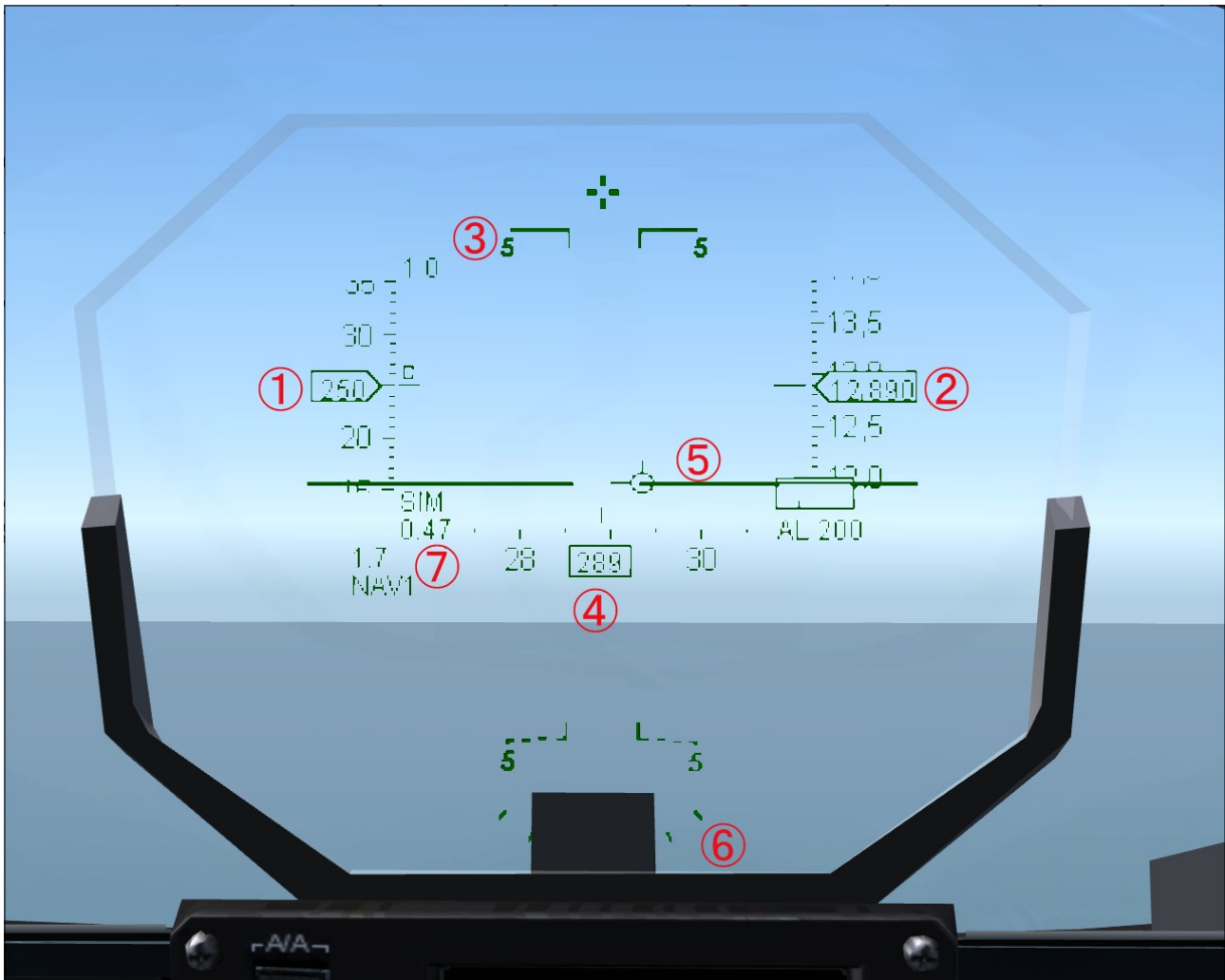
<u>Canopy Open</u>	<u>P.14</u>
<u>Engine Start</u>	<u>P.15</u>
<u>Autopilot</u>	<u>P.16</u>

VC Panel View



- ① Head Up Display
- ② Left Multi-function Display
- ③ Right Multi-function Display
- ④ Center Console
- ⑤ Center Multi-function Display
- ⑥ Left Console
- ⑦ Left Hand Console
- ⑧ Right Hand Console
- ⑨ Radio Panel

Head Up Display (HUD)



- ① Air Speed
- ② Altitude
- ③ Pitch
- ④ Compass Heading
- ⑤ Velocity Vector
- ⑥ Bank Angle Scale and Pointer
- ⑦ MACH Number

Left MFD



- ① Weapon Select Display Toggle
- ② Weapon Selector
- ③ Appear selected weapons
- ④ Pilot Toggle
- ⑤ Drug Chute Lever (It synchronizes with thrust reverser)
- ⑥ VC Icons

Right MFD



- ① Altitude Selection Switch
- ② Vertical Speed Adjustment Switch
- ③ Speed Selector Switch
- ④ Altimeter Setting Switch
- ⑤ Flight Director on/off
- ⑥ Wing Leveler on/off
- ⑦ Speed Hold Switch

Center Console



- ① Radio panel
- ② HUD Color Selector
- ③ Pitch Ladder on/off
- ④ Altitude, Compass Heading on/off
- ⑤ HUD Pitch Ladder on/off
- ⑥ Velocity Vector on/off

Center MFD



- ① GPS Map Zoom/Down ② Terrain Indication Switch
- ③ Direct Way Point ④ Flight Plan
- ⑤ Simple Map/Cancel/NAV Map
- ⑥ Select Items ⑦ Clear Button
- ⑧ Cursor on/off ⑨ Procedures on/off
- ⑩ Flight Plan Page on/off
- ⑪ Message Window on/off
- ⑫ Auto Way point ⑬ Group Cursor Changes
- ⑭ Display the nearest airports ⑮ Heading Selector Knob
- ⑯ Course Selection Knob ⑰ Beacon Lights on/off
- ⑱ Display Fuel indicator

1. MASTER ARM

2. SIMULATE

3. AUTO PILOT

4. EJECTION SEAT

5. PARKING BRAKE

6. GND JETT

7. CHN 2

8. HORN

9. CMDS

- ① Autopilot Master Switch
- ② Autopilot Altitude Hold Switch
- ③ Autopilot Heading Hold Switch
- ④ Landing Gear Handle
- ⑤ Landing Light/Taxi Light on/off
- ⑥ Parking Brake Handle
- ⑦ Canopy Safety Lever
- ⑧ Canopy Open Switch
- ⑨ Speed Break Indicator

Left Side Console



- ① Master Battery Switch
- ② Engine Starter
- ③ Fuel Cutoff Switch (Shared with throttle)

Right Side Console



① • ② Navigation Lights on/off (These switches do not do any action in use with VC.)

③ Pitot Heat on/off

Radio Panel



- ① Autopilot Master Switch ② Flight Director on/off
- ③ Autopilot Approach Hold Switch
- ④ Autopilot Back Course Hold Switch
- ⑤ GPS/NAV Switch ⑥ Boarding Ladder Toggle
- ⑦ Course Selection Window ⑧ Heading Hold Command Window
- ⑨ Altitude Selection Window ⑩ Speed Hold Command Window
- ⑪ Com1 ⑫ Com2
- ⑬ Nav1 ⑭ Nav2
- ⑮ ADF ⑯ Transponder Frequency Display

Panel Tutorial

Canopy Open



① Pull up the canopy safety lever



② Press the canopy open switch

(Note: To appear the boarding ladder, press the ③ button. When to close, reverse the procedure)

Engine Start



※Starting with a “cold” engine

① Master Battery Switch - ON



② Engine Starter - ON



③ Fuel Cutoff Switch - ON

Autopilot



- ① NAV/GPS
- ② NAV1 frequency window
- ③ Course selection window
- ④ Heading hold command window
- ⑤ Altitude selection window
- ⑥ Speed selector window
- ⑦ Heading Hold Switch
- ⑧ Altitude Hold Switch
- ⑨ Autopilot Master Switch

(Note: You can't control Roll Control and Pitch Control on Radio Panel, so you need to turn on the toggle switches ⑦ · ⑧ on VC Panel)

Thank You For Download
TEAM FS KBT