

Tom A330MRTT

Flight Crew Manual FCM



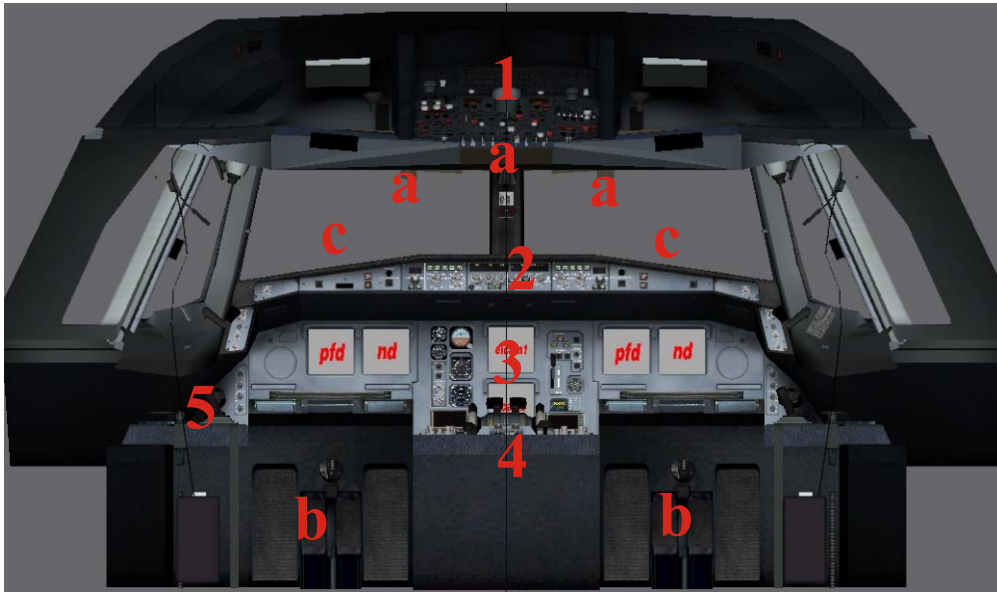
Version 1.0 02/2009

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1. Flight Deck Controls

1.0. Overview

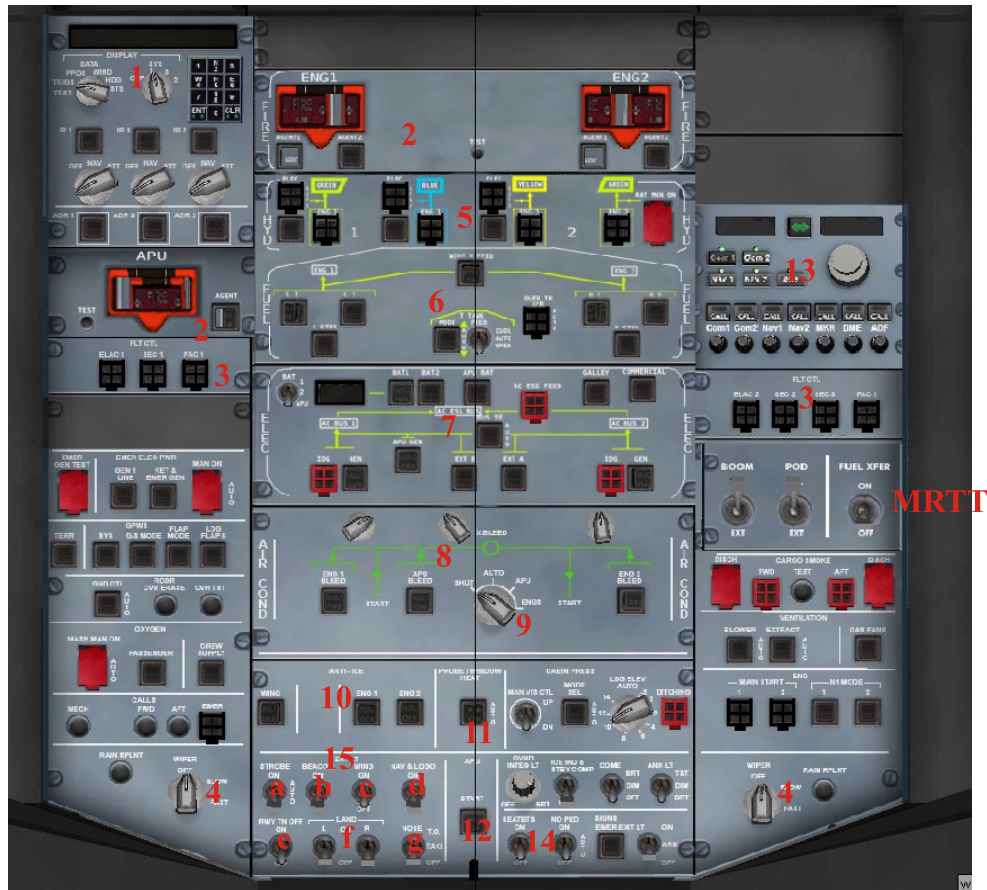


- 1) Overhead panel. See section 1.1.
- 2) Glareshield panel. See section 1.2.
- 3) Main panel. See section 1.3.
- 4) Pedestal panel. See section 1.4.
- 5) Armrest panel. See section 1.5.
- a) Sunshield. To activate/deactivate click on the small grips.
- b) Rudder pedals (not clickable)
- c) Moving windshield wipers. Activated by switch on the overhead panel

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1.1. Overhead panel



Grey items are A321 default gauges.

- 1) Default A320 ADIRS
- 2) Fire extinguishers
- 3) Default A320 FLT CTL
- 4) Windshield wipers
- 5) Hydraulics section (modified A320 default)
- 6) Fuel section (modified A320 default)
- 7) Electricity section (modified A320 default)
- 8) Aircondition section (modified A320 default)
- 9) Bleed air source switch
- 10) Anti icing
- 11) Pitot heating
- 12) APU switch
- 13) Radio
- 14) Fasten seatbelts/No smoking sign switches
- 15) Light switches
 - a) Strobe
 - b) Beacon
 - c) Navigation
 - d) Logo/Tail
 - e) Panel
 - f) Landing
 - g) Taxi

MRTT) Activates refueling systems (Boom, Pods and Fuel transfer pumps)
Does not work below 1000ft ground altitude

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1.2. Glareshield panel



Grey items are A321 default gauges.

- 1) Backlight switch for all displays.
- 2) Backlight switch for ND display.
- 3) Backlight switch for PFD display.
- 4) Master sound switch. Toggles simulator sound on/off.
- 5) NAV/GPS switch
- 6) Aircraft ATC_ID plate. Can be changed in the aircraft.cfg
- 7) Master warning indicator. Click to reset.
- 8) Master caution indicator. Click to reset.
- 9) Baro switch
- 10) Autopilot flight director switch
- 11) Autopilot ILS switch
- 12) ND mode knob. left/right click to turn
- 13) VOR 1 toggle switch
- 14) ND range knob left/right click to turn
- 15) VOR 2 toggle switch
- 16) ND display buttons
- 17) Autopilot settings display
- 18) Autopilot speed knob
- 19) Autopilot speed knots/mach selector
- 20) Autopilot heading knob
- 21) Autopilot course knob
- 22) Autopilot APR button
- 23) Autopilot LOC button
- 24) Autopilot master button
- 25) Autopilot autothrottle button
- 26) Autopilot altitude and range knob
- 27) Autopilot settings display
- 28) Autopilot V/S knob

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1.3. Main panel



Grey items are A321 default gauges.

- 1) Primary flight display PFD
- 2) Navigation display ND
- 3) Backup altimeter
- 4) Backup airspeed
- 5) Backup horizon
- 6) Backup HSI
- 7) Clock
- 8) Ecam 1 (upper) display
- 9) Ecam 2 (lower) display
- 10) Gear status indicators
- 11) Autobrake buttons (**inop**)
- 12) Gear lever
- 13) Antiskid switch (**inop in SP2**)
- 14) Icons for GPS and ATC (left side), Map and Kneeboard (right side) Popup windows

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1.4. Pedestal panel

Grey items are A321 default gauges.

- 1) Radio panel
- 2) Radio panel
- 3) Glareshield and Pedestal panel backlight switches
- 4) ECAM 1 backlight
- 5) ECAM 2 backlight
- 6) ECAM 2 page select switches (only 7 supported)
- 7) Elevator trim wheels
- 8) Throttle levers
- 9) Engine start switches
- 10) Engine start indicators
- 11) Engine start mode switch
- 12) Spoiler / speedbrake lever
- 13) Parking brake
- 14) Flap lever
- 15) Rudder trim
- 16) Rudder trim reset (inop.)
- 17) Dummy



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1.5. Armrest panel



Grey items are A321 default gauges.

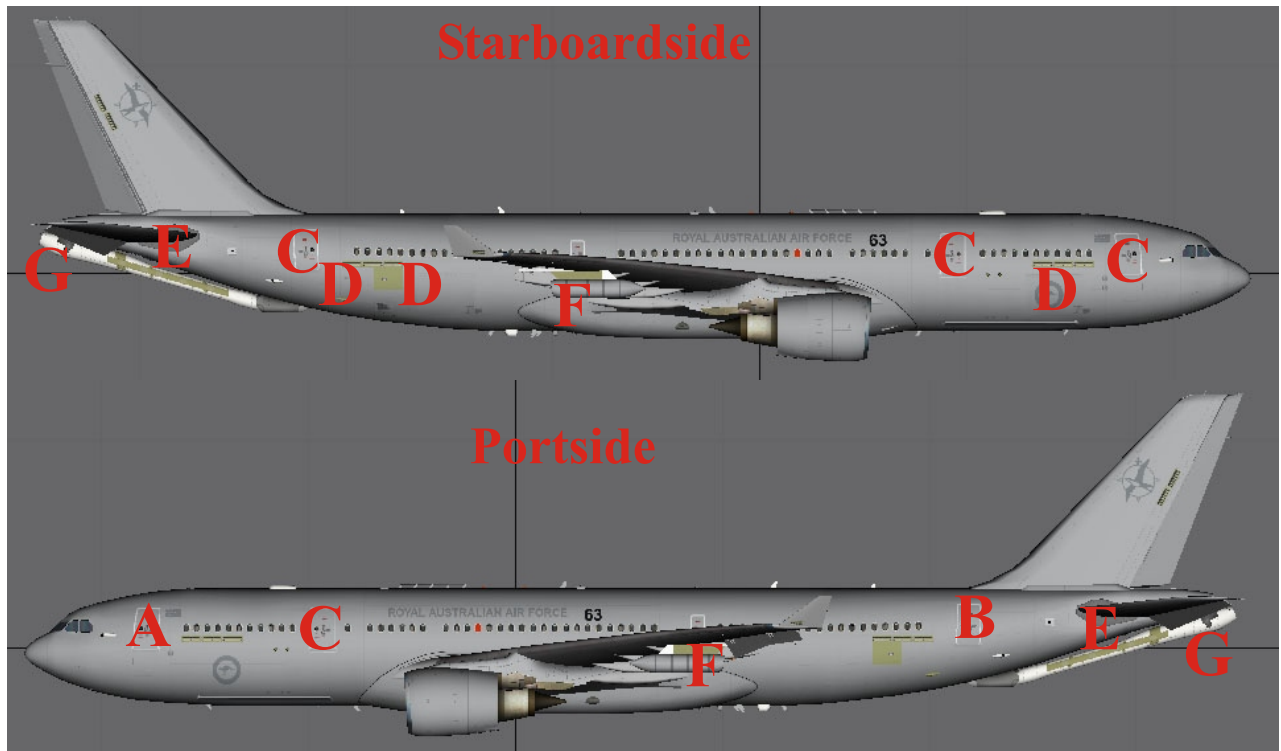
- a) Sidestick (Not clickable).
- b) Tillerwheel (Nose gear steering) Leftclick, hold and move turns the nose gear.
- c) Tillerwheel reset. A click on the center resets the steering and turns the nosegear straight ahead.

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2. External

2.1 Doors



- A) Main passenger door (Shift+e 1)
- B) Rear passenger door, Cabin crew entrance (Shift+e 3)
- C) Other passenger doors (Shift+e 4)
- D) Cargo doors (Shift+e 2)
- E) APU inlet (opens when APU is active)
- F) Military refueling pods. Can be activated on the virtual cockpit overhead panel.
- G) Military refueling boom. Can be activated on the virtual cockpit overhead panel.

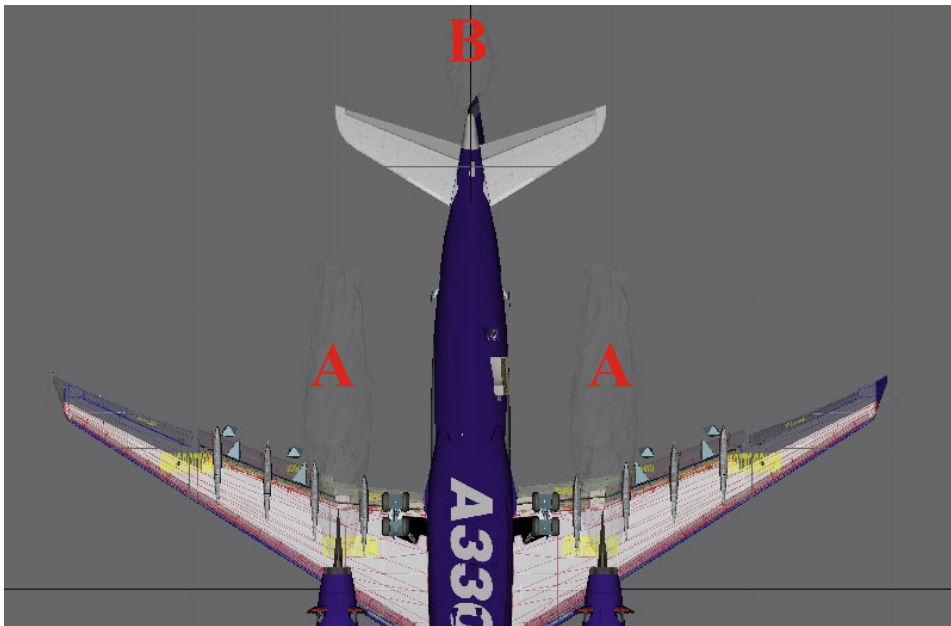
(Shift+e X) means that you "press and hold" Shift, press and release e, release shift and press key X (1,2,3 or 4) quickly after that.

Pressing Shift+e alone, without a following number, will only open door (A).

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2.2 Jetheat, jetwash, hot air,...



A) Main engine "jetheat" effect, two stages.

B) APU "jetheat" effect

The model has a non-removable jetheat effect attached to its engines and APU. The effect is disabled (invisible) by default, but can be activated by pressing the default "tailhook" key command.