

# ***Tom A310***

## ***Flight Crew Manual FCM***

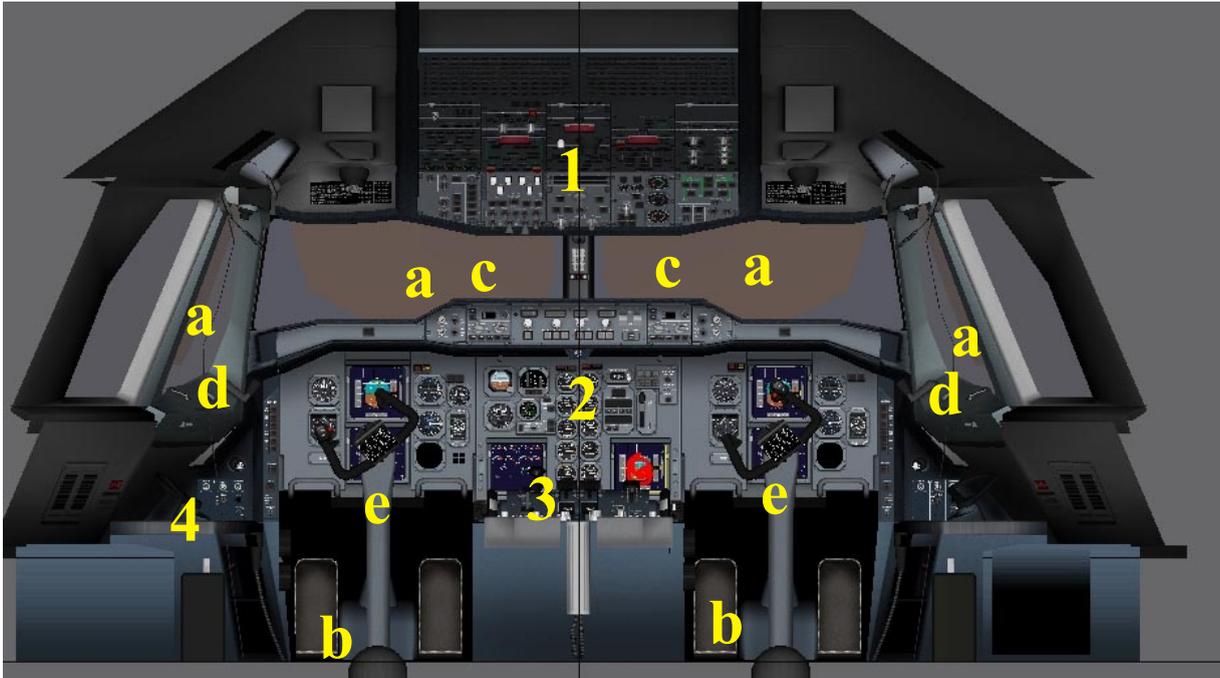


***Version 10 04/2010***

# Tom A310

## Flight Crew Manual FCM

### 1. Flight Deck Controls 1.0. Overview



- 1) Overhead panel. See section 1.1.
- 2) Main panel. See section .
- 3) Pedestal panel. See section
- 4) Armrest panel. See section
- a) Sunshield. To activate/deactivate click on the brown areas.
- b) Rudder pedals (not clickable)
- c) Moving windshield wipers. Activated by switch on the overhead panel
- d) Opening cockpit windows (on ground only). Click on the frames to open or close.
- e) Yokes (not clickable)

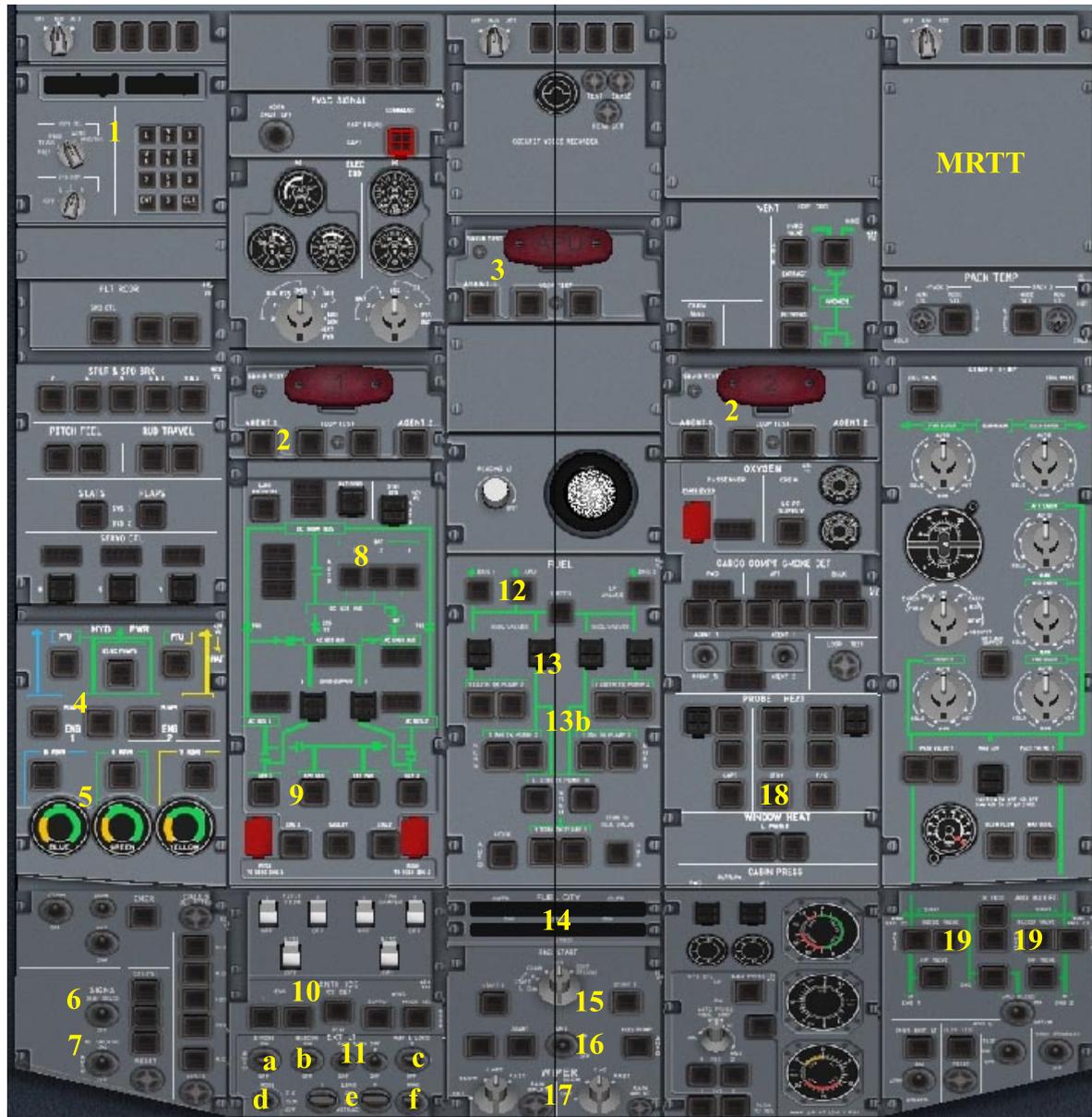
Almost all gauges of the VC are also present on the 2D-panel. Gauges which are not part of the 2D-panel are marked in green. The layout of the 2D-panel is also almost identical to the VC. Just that the pedestal and the overhead have been split into two 2d-panels each (pedestal and radio, overhead and fuel) to get a better layout on the screen.

**Version 10 04/2010**

# Tom A310

## Flight Crew Manual FCM

### 1.1. Overhead panel



- |      |                                      |      |  |
|------|--------------------------------------|------|--|
| 1)   | ADIRS (close to default A320)        | 13)  | Fuel Tank switches (all on / all off)              |
| 2)   | Engine fire extinguishers            | 13b) | Fuel tank switches for individual tanks            |
| 3)   | APU fire extinguisher                | 14)  | Fuel indicators                                    |
| 4)   | Hydraulic Pumps (Engine1,2 and APU)  | 15)  | Engine start buttons plus start mode selector      |
| 5)   | Hydraulic Pressure indicators        | 16)  | APU start/Generator/stop buttons                   |
| 6,7) | No smoking, Fasten seatbelt signs.   | 17)1 | Windscreen wipers                                  |
| 8)   | Battery switches and warnings        | 18)  | Pitot heat   |
| 9)   | Generator switches (Eng1, APU, Eng2) | 19)  | Bleed source control (toggle up/down)              |
| 10)  | Anti Ice switches                    |      | (Individual selection does not work under SP1/SP2) |
| 11)  | External Lights (a-f)                |      |  |
|      | Strobe, beacon, Navigation, Taxi,    |      |  |
|      | Landing, Logo.                       |      |  |
| 12)  | Fuel Pumps (Eng1, APU, Eng2)         |      |  |

**MRTT) The military version has a switch to deploy the refueling pods. Its placed in the VC only right here**

**Version 10 04/2010**

# Tom A310

## Flight Crew Manual FCM

### 1.3. Main panel



- 1) ASI
- 2) HSI
- 3) PFD
- 4) ND
- 5) Waster Warn / caution
- 6) Altimeter
- 7) VSI
- 8) ADF
- 9) Metric Altimeter
- 10) Clock. Local time (top), ETD (bottom)
- 11) GPS/MAP/..etc buttons
- 12) Standby Attitude
- 13) Standby Altitude
- 14) ECAM1 off by default (see also pedestal panel)
- 15) Flaps / Slats position indicator
- 16) Brake pressure
- 17) Autobrake / Antiskid
- 18) Reverser warnings, engine gauges, engine warnings
- 20) TAT display
- 21) Gear indicators
- 22) Gear lever
- 23) ECAM2 cruise page by default (see also pedestal panel)
- 24) PFD/ND backlight
- 25) Flightdirector switch
- 26) NAV/GPS switch
- 27) GS
- 28) ND display controls
- 29) Autopilot settings
- 30) AP master switch

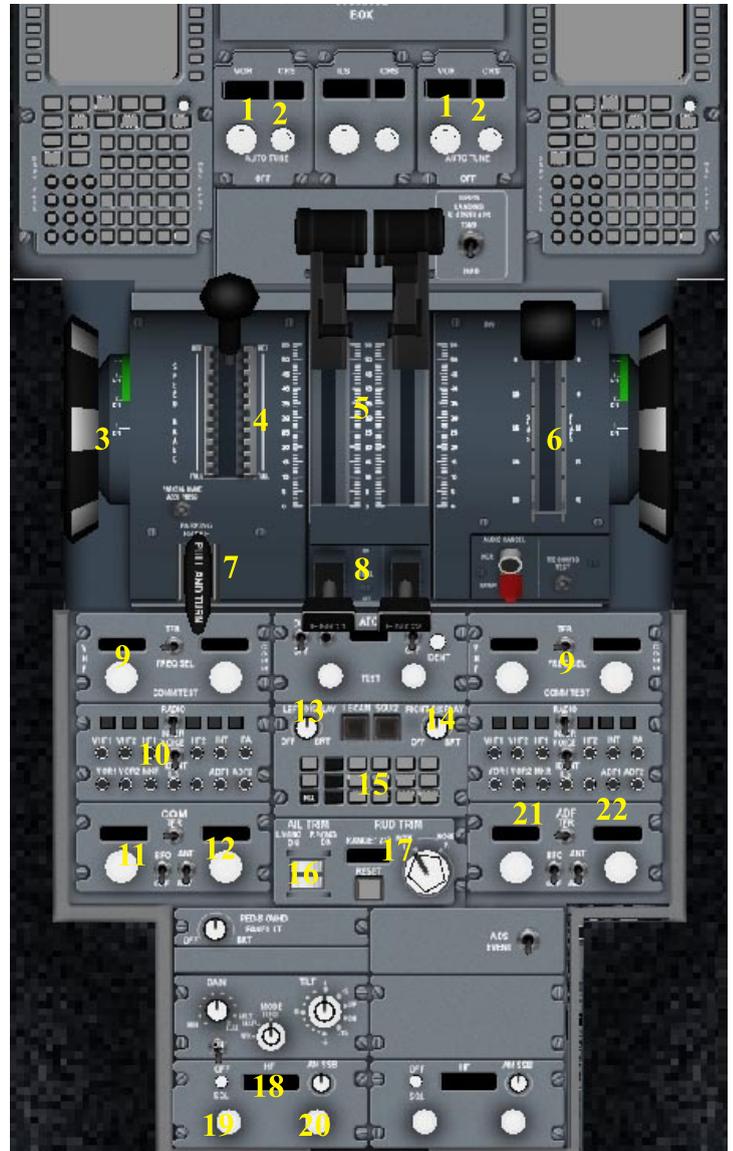
**Version 10 04/2010**

# Tom A310

## Flight Crew Manual FCM

### 1.4. Pedestal panel

- 1) NAV1/2 active frequency
- 2) NAV1/2 OBS indicator/selector
- 3) Elevator trim wheel and indicator
- 4) Spoiler
- 5) Throttle levers
- 6) Flaps/Slats
- 7) Parking brake
- 8) Eng1, Eng2 fuel switches (not starters!!)
- 9) COM1/2 radios. Active, stby frequency display. Switch between displays. Turnknob below stby. Only standby frequency turnable.
- 10) Audio panel
- 11) NAV1 standby frequency selector, Turnknob and Toggleswitch below display .
- 12) NAV2 standby frequency selector
- 13) ECAM1 backlight
- 14) ECAM2 backlight
- 15) ECAM1 page selection and ECAM2 on/off
- 16) Aileron trim
- 17) Rudder trim, indicator and reset button
- 18) Marker
- 19) 1000, 100 digit MRK setting
- 20) 10, 1 digit MRK setting
- 21,22) ADF1/2 radio. Turnknob below display.



# **Tom A310**

## **Flight Crew Manual FCM**

### **1.5. Armrest panel**



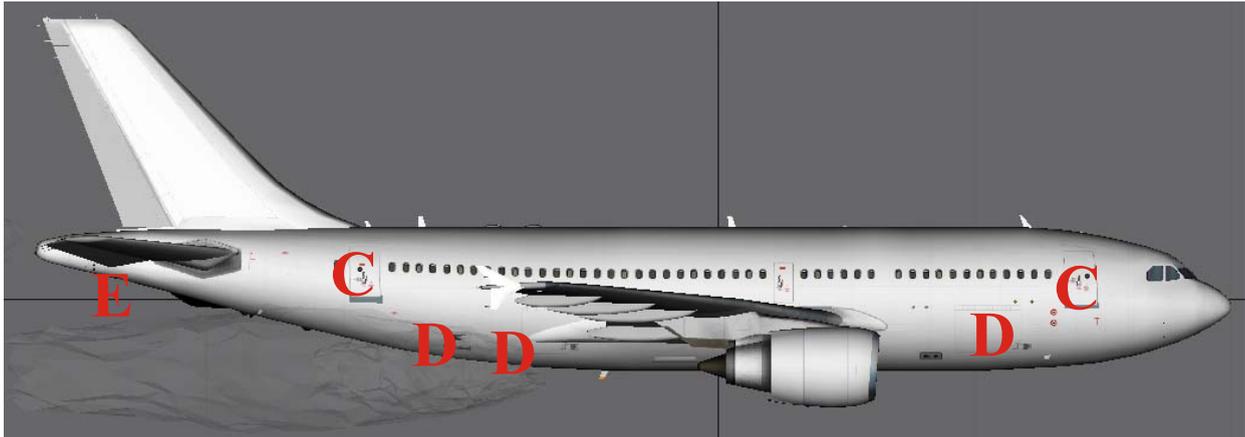
- a) Cockpit internal light
- b) Simulator Sound on/off
- c) Tillerwheel (Nose gear steering) Leftclick, hold and move turns the nose gear.
- d) Tillerwheel reset. A click on the center resets the steering and turns the nosegear straight ahead.

# Tom A310

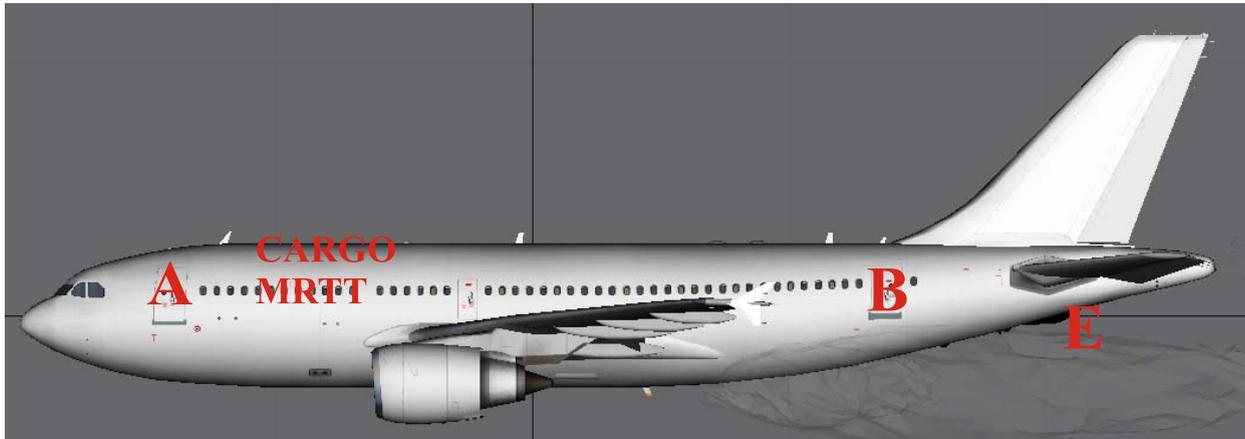
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### 2. External 2.1 Doors

### Starboardside



### Portside



- 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)

CARGO/MRTT) The main deck cargo door (only on the military and cargo versions) will act as door 3 (Shift+e 3). The rear passenger door is tagged as other passenger door (Shift+e 4)

(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.

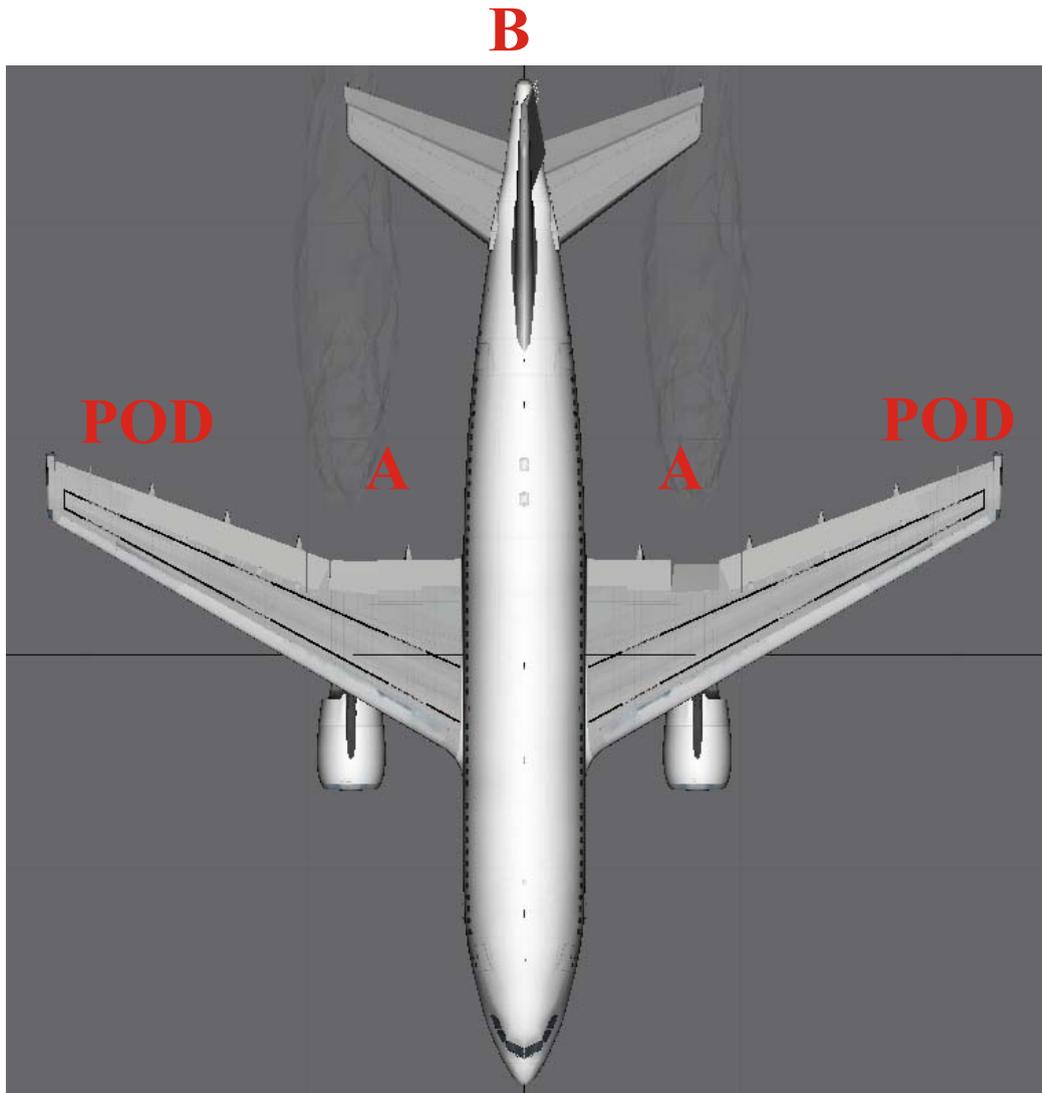
Pressing **Shift+e** alone, without a following number, will only open door (A).

## Version 10 04/2010

# **Tom A310**

## **Flight Crew Manual FCM**

### 2.2 Jetheat, jetwash, hot air,...



- A) Main engine "jetheat" effect, two stages.
- B) APU "jetheat" effect

POD) The military version carries two refueling pods here. Can be deployed by switch on the VC overhead panel only.

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.

**Version 10 04/2010**