

# ***Tom A310***

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

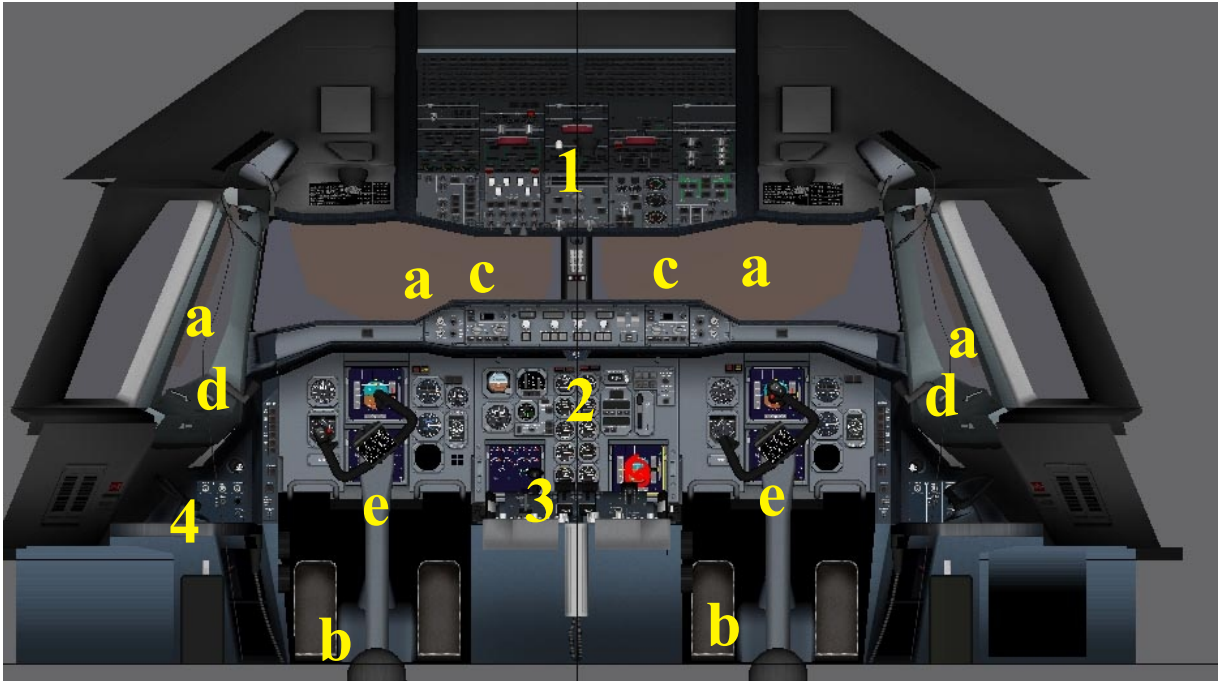


***Version 10 04/2010***

# **Tom A310**

## **Flight Crew Manual FCM**

### **1. Flight Deck Controls** **1.0. Overview**



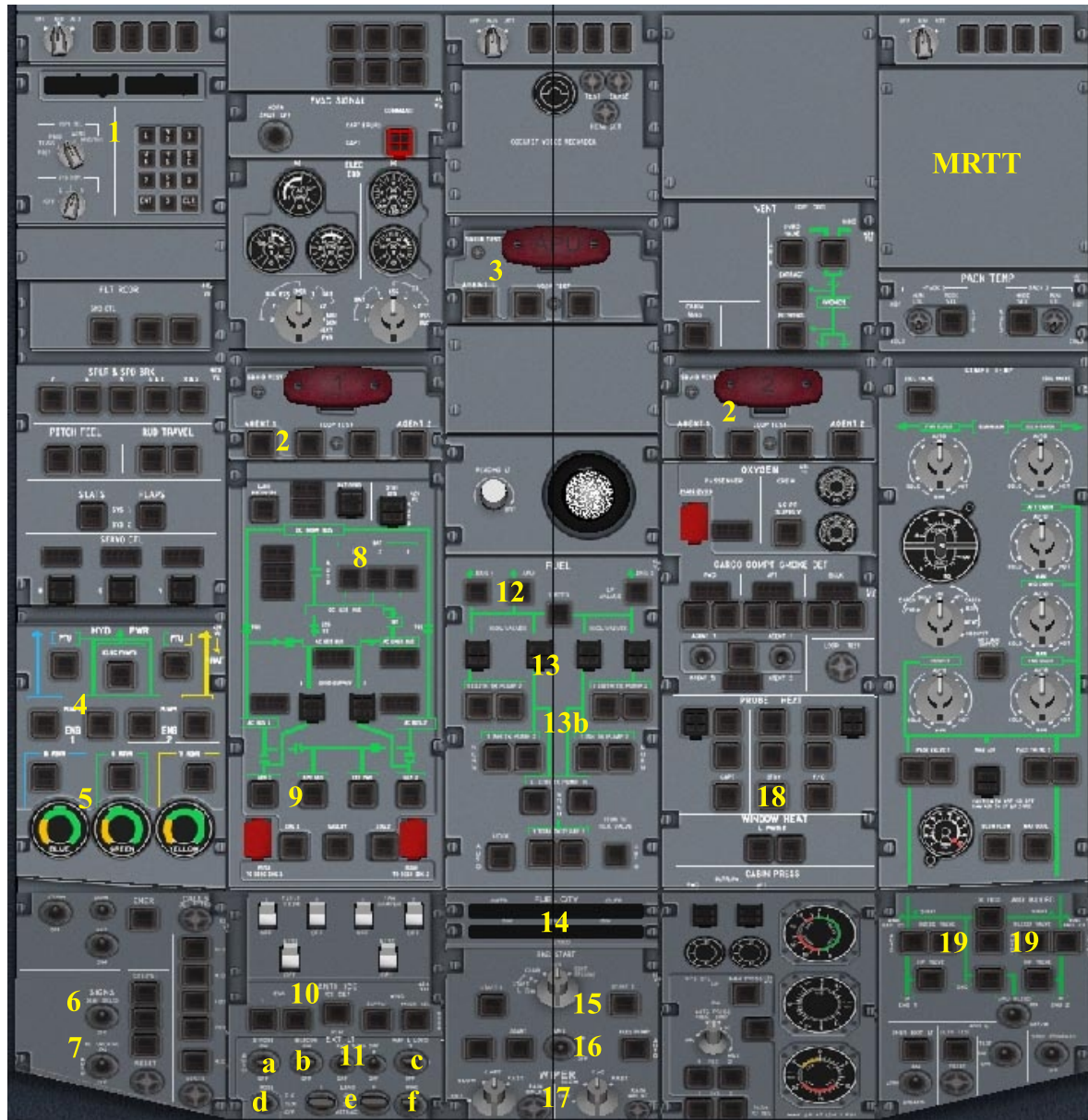
- 1) Overhead panel. See section 1.1.
- 2) Main panel. See section .
- 3) Pedestal panel. See section
- 4) Armrest panel. See section
- a) Sunshield. To activate/deactivate click on the brown areas.
- b) Rudder pedals (not clickable)
- c) Moving windshield wipers. Activated by switch on the overhead 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.

# 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)                        |  |
| Stroke, 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 derfault (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**

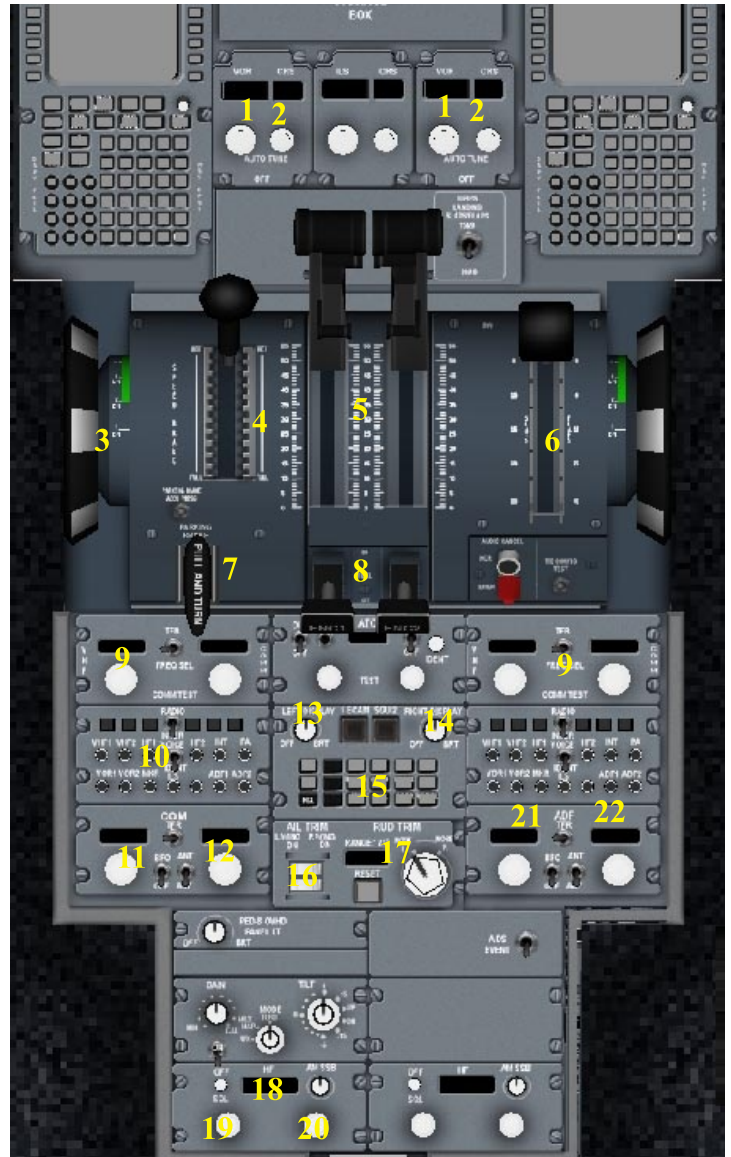


# Tom A310

## 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.

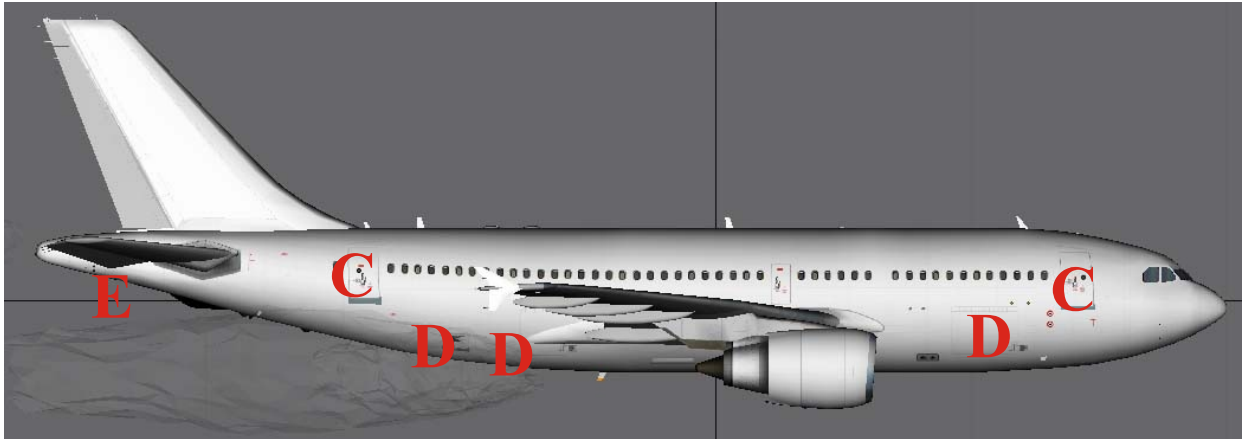
d) Tillerwheel reset. A click on the center resets the steering and turns the nosegear straight ahead.

# **Tom A310**

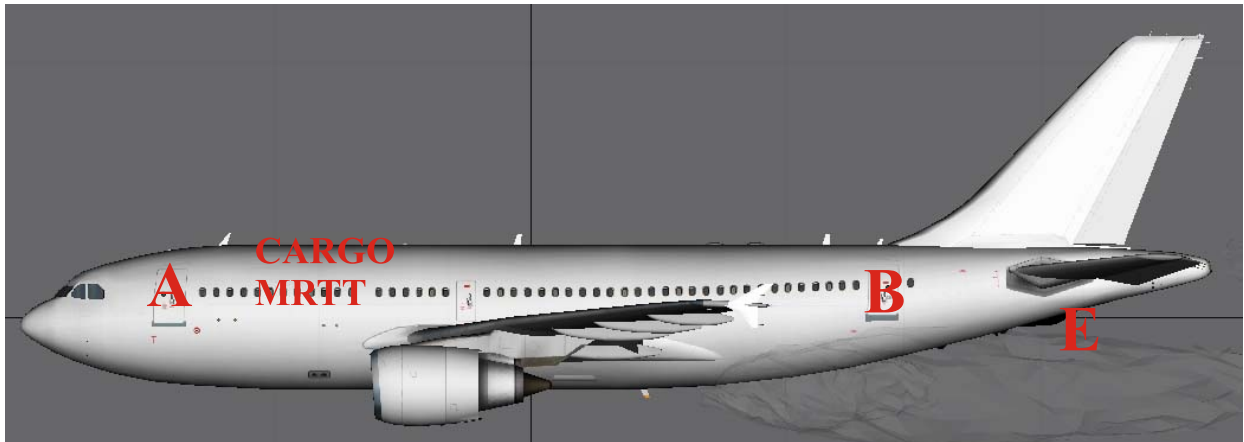
## **Flight Crew Manual FCM**

### **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.

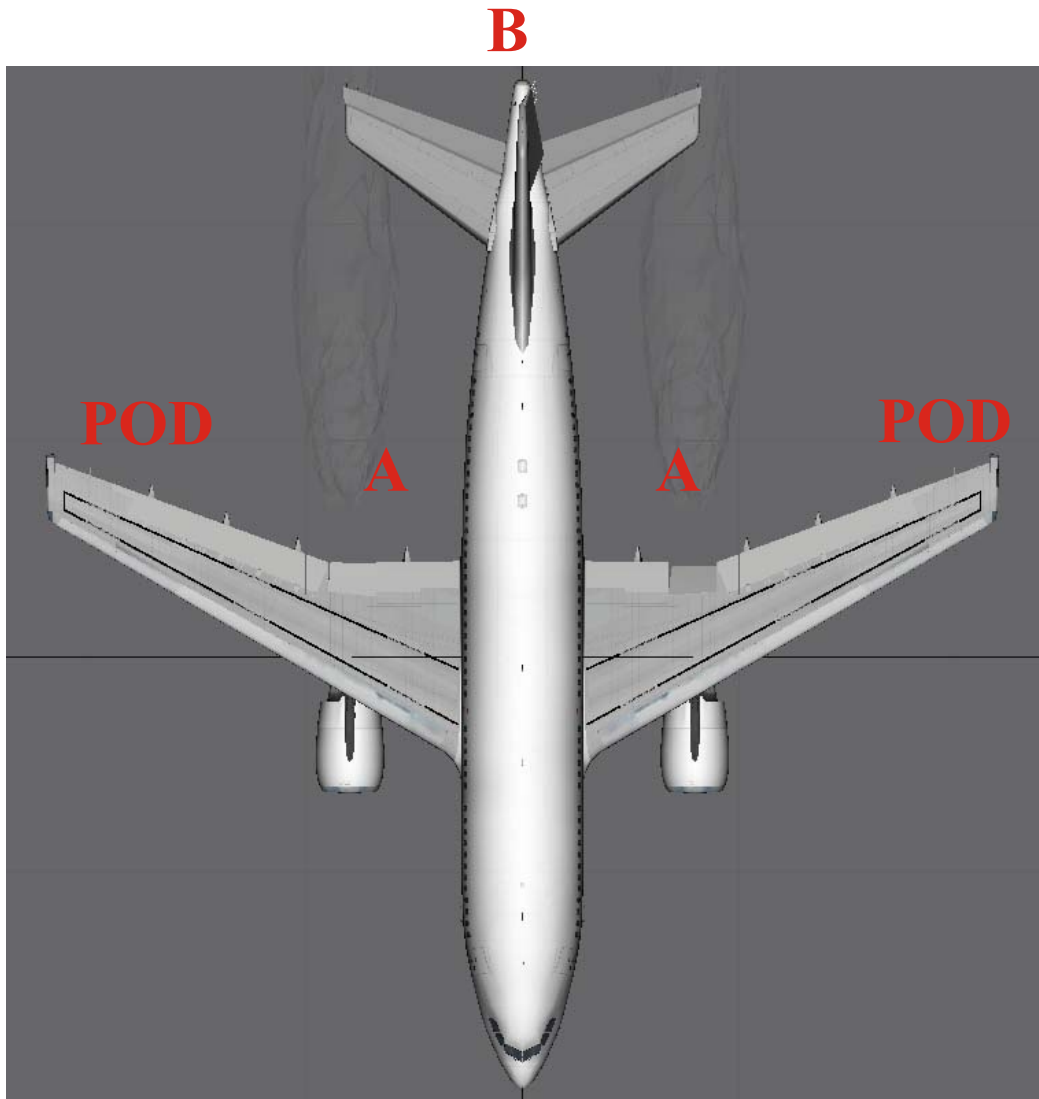
Pressing **Shift+e** alone, without a following number, will only open door (A).

## **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***