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GENERAL

The system/status Display (SD) uses the lower ECAM DU to display :

- either an aircraft system synoptic diagram page
- or the STATUS page.

SYSTEM PAGES

The lower ECAM DU can display 14 system pages :

(For description see relevant FCOM chapter)

- ENGINE (Secondary engine parameters)
- BLEED (Air bleed)
- CAB PRESS (Cabin pressurization)
- ELEC AC (AC Electrical power)
- ELEC DC (DC Electrical power)
- HYD (Hydraulic)
- C/B (Circuit Breakers)
- APU (Auxiliary Power Unit)
- COND (Air conditioning)
- DOOR/OXY (Doors/oxygen)
- WHEEL (Landing Gear, Braking, ground spoilers, ...)
- F/CTL (Flight Controls)
- FUEL (Fuel)
- CRUISE (Cruise)

The pilot may manually call up a system page for display on the lower ECAM DU, or the system may automatically display a page.

– Manual :

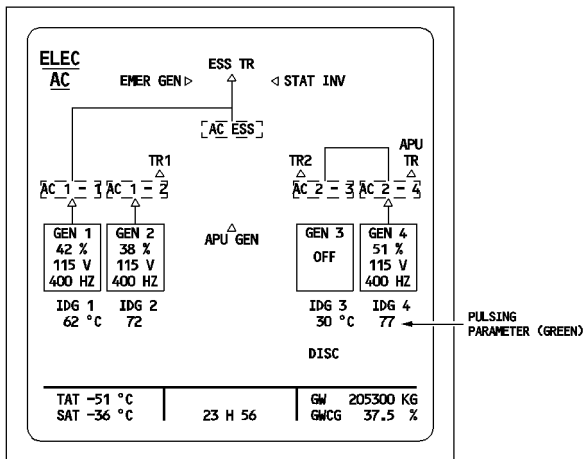
- The pilot can use the pushbutton on the ECAM control panel to call up any system page, except the CRUISE page, for display at any time.
- The corresponding pushbutton on the ECAM control panel lights up.
- A failure-related or advisory display automatically replaces a page the pilot has manually called up.

– Automatic, related to a failure :

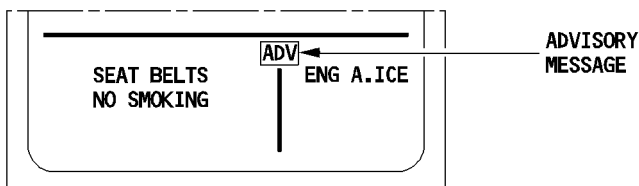
- The relevant system page automatically appears, as soon as any fault or malfunction triggers a caution or warning message.

– Automatic, advisory :

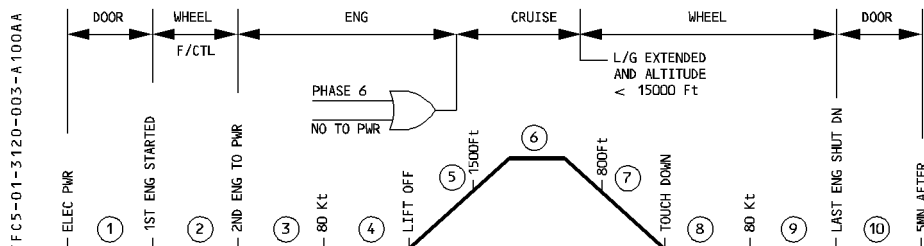
- The relevant system page automatically appears, when a parameter drifts out of its normal range.
- The value (shown in green) pulses, as long as it is outside its limits.
- The advisory mode is inhibited in some flight phases.



Note : If an advisory is triggered when the ECAM is in the single-display configuration, an advisory message appears on the upper part of the E/WD, and the associated key on ECAM control panel flashes to identify the appropriate system page.

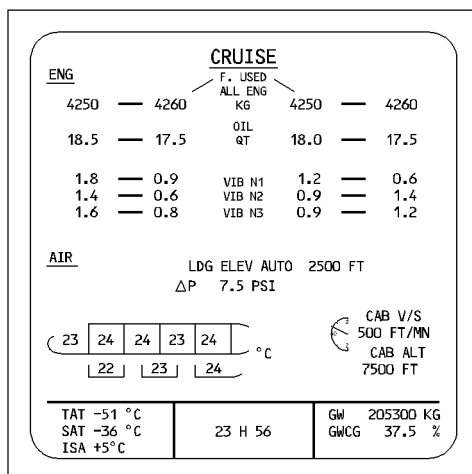


- Automatic, flight phase mode
- If no other mode is engaged, the SD displays the system page related to the present flight phase, as shown in the following diagram.



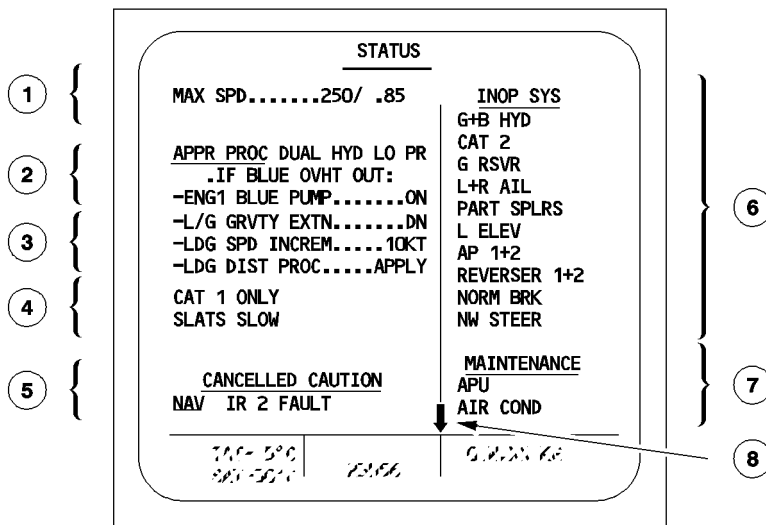
- Phase 2 : The F/CTL page replaces the WHEEL page for 20 seconds, when either pilot moves his sidestick (more than 3° in pitch or roll), or when the rudder pedal deflection is more than 22°.
- The APU page appears when the APU MASTER switch is ON. It disappears when APU RPM has been above 95 % for 10 seconds, or when the APU MASTER switch is switched OFF.
- The ENGINE page appears at the beginning of the start sequence or when a pilot selects “CRANK”. It disappears at the end of the start sequence.

For a description of the ENGINE and AIR indications that appear when the SD is displaying the CRUISE page, see the relevant FCOM chapter.



STATUS PAGE

FFCS-01-3120-004-A001AA



The status page displays an operational summary of the aircraft status after the SD has displayed a failure. As shown in the illustration above, the summary includes :

- ① Limitations (speed, flight level) : Blue
 - ② Approach procedures : White/Red or Amber
 - ③ Procedures (corrections to apply for landing) : Blue
 - ④ Information : Green
 - ⑤ Cancelled caution : White
 - ⑥ Inoperative system : Amber
 - ⑦ Maintenance status : White
 - ⑧ Symbol displayed if data overflows the left or right area.
- The pilot scrolls the display to view overflow by pressing the CLR pushbutton.

Note : The titles of the different parts of the display are white and underlined.

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The STATUS page automatically appears once the crew has cleared all the pages corresponding to the current failure.

The STATUS page also appears automatically during descent, when the baro reference is selected or the slats are extended.

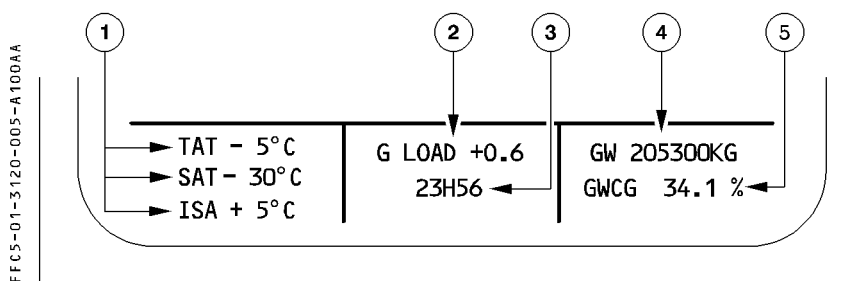
The pilot may manually call up the status page by pressing the STS key on the ECAM control panel.

If the STATUS page holds messages other than "CANCELLED CAUTION", or the MAINTENANCE part, the E/WD screen shows "STS" (Status Reminder).

If the STATUS page holds messages in the MAINTENANCE part at engine shutdown, the "STS" flashes on the E/WD screen.

The MAINTENANCE part is only displayed when the aircraft is on the ground, either before engine start-up or after engine shutdown (phases 1 and 10).

PERMANENT DATA



① Temperature

The screen displays Total Air Temperature (TAT), Static Air Temperature (SAT), and the deviation from the International Standard Atmosphere (ISA). Delta ISA is displayed in STD baro reference mode only.

② Messages - G LOAD

The screen displays either of two items, one at a time :

- Load factor (G LOAD), in amber, when the value is above 1.4 g or below 0.7 g.

This display is inhibited during Flight Phases 1 and 2.

- CHECK SD, in amber, when the DMC detects a discrepancy between acquisition and the display on the DU.

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③ UTC

The screen displays Universal Time Coordinated (UTC), synchronized with the cockpit clock, in green.

④ GW

The screen displays the gross weight (GW) as given by the FCMC, in green. The two last digits are dashed if accuracy is degraded. On ground, the indication is replaced by blue dashes, if no computed data are available.

⑤ GWCG

The screen displays the center of gravity, as given by the FCMC, in green. In case of an EXCESS AFT CG warning, the indication appears in red.