

CSA-Tool

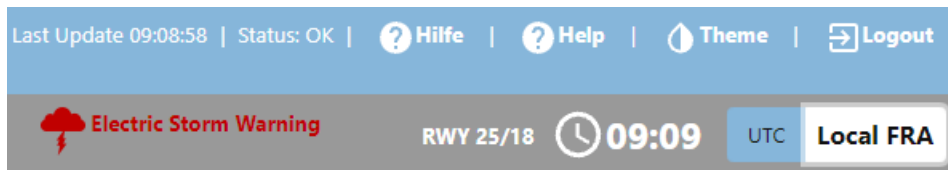
Brief description of system upgrades

Import in release 1.2.6 on 03.11.2021 / 4.11.2021

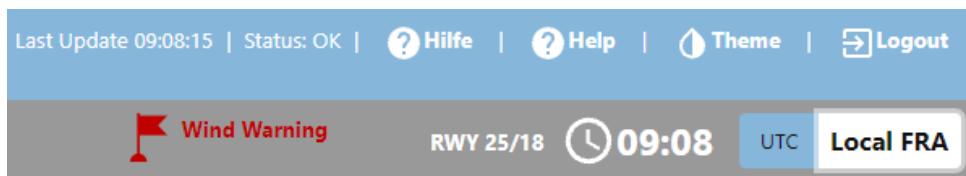
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1 Display Electric Storm Warning and Wind Warning

Whenever Deutscher Wetterdienst (DWD) publishes an Electric Storm Warning for Frankfurt Airport and activates it in the AODB (INFOplus), the respective warning message will appear in the header area of the CSA tool.



Whenever Deutscher Wetterdienst (DWD) publishes a Wind Warning for Frankfurt Airport and activates it in the AODB (INFOplus), the respective warning message will appear in the header area of the CSA tool.



Whenever Deutscher Wetterdienst (DWD) closes a previously activated Electric Storm Warning or Wind Warning and deactivates them in the AODB (INFOplus), the respective warning message in the header of the CSA Tool will be removed.

2 Changes in attribute and column selection

In the INBOUND tab, the "Flight" column (flight number) can no longer be moved and is always visible in the first column.

In the OUTBOUND tab, the columns "Alarm Status" and "Flight" (flight number) can no longer be moved and are always visible in the first two columns.

In the INBOUND and OUTBOUND tabs, the "ROTATION" column can be reselected via the "Change View" selection window. If selected, the flight number of the corresponding rotation is displayed.

In the OUTBOUND tab, the "MTTT" (Minimum Turn-around Time) column can be reselected via the "Change View" selection window. When selected, the MTTT [in minutes] set in the AODB is displayed.

| | | | |
|-------|------------|-------|----------------------|
| ARCID | TSAT | ICE | ALARM DETAILS |
| REG | AOBT | DPD | NIGHTBAN |
| A/C | CTOT | ECZT | |
| DEST | EOD | EEZT | |
| GATE | RWY | ACZT | |
| POS | SID | AEZT | |
| SOBT | RESP | ASBT | |
| MTTT | STATUS | ATOT | |
| EOBT | ADES | ARDT | Deicing |
| TOBT | ROTATION | PRIO | Standard |
| # | DPI STATUS | ALARM | Detail View Position |

3 Display of detailed information

In the INBOUND and OUTBOUND tabs, the detailed information can be shifted downwards in the display via the "Change View" selection window by selecting the "Detail View Position" checkbox. If the checkbox is deactivated, the detailed information is displayed in the right-hand area of the application again.

| | | | |
|-------|------------|-------|----------------------|
| ARCID | TSAT | ICE | ALARM DETAILS |
| REG | AOBT | DPD | NIGHTBAN |
| A/C | CTOT | ECZT | |
| DEST | EOD | EEZT | |
| GATE | RWY | ACZT | |
| POS | SID | AEZT | |
| SOBT | RESP | ASBT | |
| MTTT | STATUS | ATOT | |
| EOBT | ADES | ARDT | Deicing |
| TOBT | ROTATION | PRIO | Standard |
| # | DPI STATUS | ALARM | Detail View Position |

The screenshot shows the Fraport CSA Tool interface. At the top, there are navigation tabs for Inbound, Outbound, Airport Information, Online Information, and Airport Map. The main area displays a table of flight arrivals and departures. The flight LH 270 is highlighted in blue. Below the main table, a detailed view for flight LH 270 is shown, enclosed in a red dashed box. This detailed view includes fields for Flight, Alerts, Ground Movement, and Prio Credits.

| FLIGHT | ARCID | REG | A/C | DEST | GATE | POS | SOBT | MTTT | EOBT | TOBT | # | TSAT | AOBT | CTOT | EOD | RWY | SID | RESP | STATUS |
|---------|---------|------|-----|------|-------|-------|------|-------|-------|------|-------|------|------|-------|-----|-----|-----|------|--------|
| LH 1166 | DLH79U | A321 | LUS | A25 | V176 | 09:15 | 55 | 09:15 | 09:15 | | | | | | | | | | BGB |
| LH 1148 | DLH54T | A321 | AGP | A50 | V144 | 08:50 | 45 | 08:50 | 09:15 | | | | | 00:25 | | | | | BGB |
| LH 810 | DLH9VC | A321 | GOT | A68 | V114 | 09:15 | 45 | 09:15 | 09:15 | | | | | | | | | | SIT |
| LH 270 | DLH9VV | A321 | LIN | B13 | V143 | 08:40 | 55 | 08:40 | 09:15 | 1/3 | 09:17 | | | 00:37 | 18W | | | | SEQ |
| LH 098 | DLH2WV | A321 | MUC | A17 | A17 | 09:15 | 45 | 09:15 | 09:15 | | | | | | | | | | ADC |
| LH 1358 | DLH8MC | CRJ9 | WRO | A15 | V173B | 09:10 | 35 | 09:10 | 09:10 | | | | | | | | | | BGB |
| LH 836 | DLH836 | CRJ9 | BLL | A3 | F223 | 09:10 | 35 | 09:10 | 09:10 | | | | | | | | | | SIT |
| LH 364 | DLH364 | A321 | ZAG | A10 | V97 | 09:10 | 45 | 09:10 | 09:10 | | | | | | | | | | SIT |
| LH 362 | DLH362 | A321 | ATH | A15 | V173B | 09:10 | 45 | 09:10 | 09:10 | | | | | | | | | | SIT |
| LH 156 | DLH3VM | CRJ9 | LEJ | A23 | V175 | 09:10 | 35 | 09:10 | 09:10 | | | | | | | | | | SIT |
| FR 1677 | RVR34BJ | B738 | CFU | | | 09:10 | 25 | 09:10 | 09:10 | | | | | | | | | | SIT |
| LH 988 | DLH1ML | A321 | AMS | A15 | A15 | 09:10 | 50 | 09:10 | 09:05 | | | | | | | | | | BGB |
| LH 062 | DLH062 | CRJ9 | FMO | A3 | V95 | 08:35 | 35 | 08:35 | 09:05 | | | | | 00:30 | | | | | BGB |
| AZ 413 | AZ413 | A319 | LIN | B19 | B30 | 09:05 | 45 | 09:05 | 09:05 | | | | | | | | | | SIT |
| LX 1081 | SWR1081 | BC53 | GVA | A22 | V157 | 09:00 | 35 | 09:00 | 09:00 | | | | | | | | | | SIT |
| LH 1388 | DLH1388 | CRJ9 | POZ | A2 | V171A | 09:00 | 35 | 09:00 | 09:00 | | | | | | | | | | SIT |
| LH 1298 | DLH1298 | A321 | IST | B32 | C5 | 09:00 | 45 | 09:00 | 09:00 | | | | | | | | | | SIT |
| LH 1140 | DLH11ZE | A321 | SVQ | B5 | V164 | 09:00 | 45 | 09:00 | 09:00 | | | | | | | | | | SIT |
| LH 902 | DLH902 | A321 | LHR | B28 | B28 | 09:00 | 45 | 09:00 | 09:00 | | | | | | | | | | SIT |

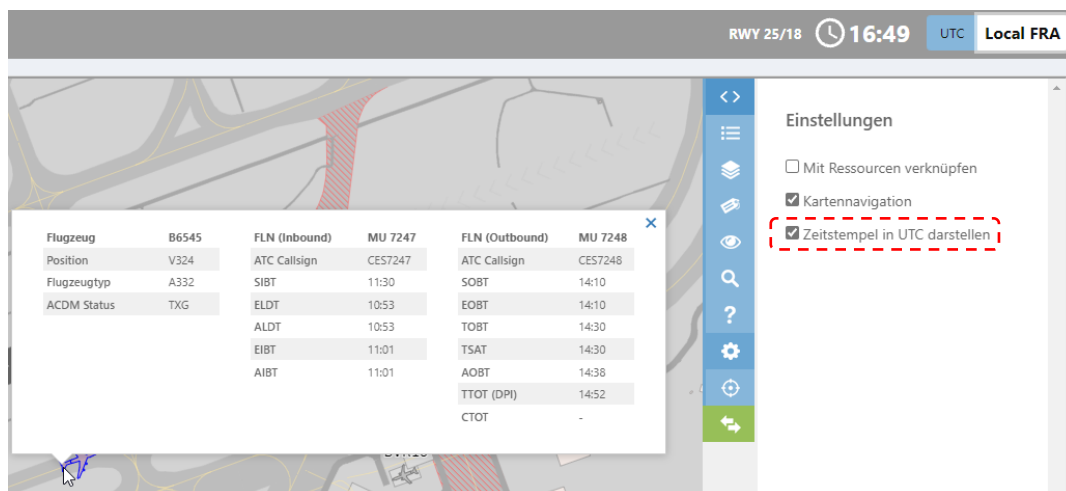
| Flight | Alerts | Ground Movement | Prio Credits |
|---------------|---|---|--|
| FLIGHT LH 270 | ARCID DLH9VV REG A/C A321 DEST LIN GATE B13 POS V143 SOBT 08:40 MTTT 55 EOBT 08:40 TOBT 09:15 # 1/3 | TSAT 09:17 AOBT CTOT EOD 00:37 RWY 18W SID RESP STATUS SEQ NIGHTBAN ADES LIML ROTATION DPI STATUS SDP | ICE DPD ECZT EEZT ACZT AEZT ASBT 08:29 EXOT 14 ATOT Prio Credits |

ALARM DETAILS
EOBT Compliance Alert

4 Switch to UTC in the Airport Map (Function already activated)

In the "AIRPORT MAP" tab, the "Zeitstempel in UTC darstellen" checkbox can be activated in the settings menu. If selected, all timestamps in the Airport Map will be displayed in UTC time format. If not selected, all timestamps in the Airport Map will be displayed in local time format.

Note that this selection does not affect the time format in the INBOUND and OUTBOUND tabs. The time format for these tabs is still set by using the "UTC/ Local FRA" checkbox in the header of the application.



The screenshot shows the Airport Map interface. At the top, there is a header with "RWY 25/18", a clock showing "16:49", and two tabs: "UTC" (selected) and "Local FRA". Below the header is a map of the airport. A settings menu is open on the right side, titled "Einstellungen". The menu contains the following options:

- Mit Ressourcen verknüpfen
- Kartennavigation
- Zeitstempel in UTC darstellen

The "Zeitstempel in UTC darstellen" checkbox is highlighted with a red dashed box. In the background, a flight information window is visible, showing details for flight B6545 (A332) and flight MU 7248 (A332).

| Flugzeug | B6545 | FLN (Inbound) | MU 7247 | FLN (Outbound) | MU 7248 |
|-------------|-------|---------------|---------|----------------|---------|
| Position | V324 | ATC Callsign | CES7247 | ATC Callsign | CES7248 |
| Flugzeugtyp | A332 | SIBT | 11:30 | SOBT | 14:10 |
| ACDM Status | TXG | ELDT | 10:53 | EOBT | 14:10 |
| | | ALDT | 10:53 | TOBT | 14:30 |
| | | EIBT | 11:01 | TSAT | 14:30 |
| | | AIBT | 11:01 | AOBT | 14:38 |
| | | | | TTOT (DPI) | 14:52 |
| | | | | CTOT | - |