

TSAT – Target Start-Up Approval Time

The Target Start-Up Approval Time (TSAT) is the target time at which the start-up approval can be expected latest according to A-CDM procedures. The TSAT is the result of a pre-departure sequencing which considers local influences (e.g. traffic density, infrastructure, weather situation) as well as network influences (Air Traffic Flow Management). The prerequisite for a TSAT generation is an existing TOBT.


Objectives for the Pre-Departure Sequencing are:

- ☞ Calculation of a reliable TSAT and Target Take-Off Time (TTOT)
- ☞ Planning a specific amount of flight events within a predefined time interval taking into consideration the value of the operational departure capacity (quantity management)
- ☞ Calculation of a start-up sequence
- ☞ Best planned, best served – an optimally maintained TOBT leads to an optimal consideration in the pre-departure sequence
- ☞ Taking into account customer requirements (e.g. aircraft swap)

TSAT Calculation

The following values have influence on the TSAT calculation:

- TOBT
- CTOT for regulated flights
- Departure Intervals (MDI)
- Estimated Taxi Out Time (EXOT)
- Operational departure capacity
- Deicing

$\text{TOBT} + \text{EXOT} = \text{TTOT (runway available)}$ $\text{TSAT} = \text{TTOT} - \text{EXOT}$	
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TSAT Publication

The TSAT is published 40 minutes prior to the valid TOBT. It will be displayed within CaeSAR, Web-CaeSAR and at the docking system after the TOBT has expired.

After the TSAT has been published, the TOBT can only be corrected another three times. If the TOBT has been changed, the TSAT remains in effect, unless the new TOBT is later than the calculated TSAT.

Who is responsible for your TOBT?

Please inform our
A-CDM Team Stuttgart



**A-CDM
Stuttgart
Starting
July 14th 2014**