

STDDS data published

Tower Departure Event Service (TDES)

For each flight at all 68 EFSTS and 74 TDLS airports:

- Aircraft parking gate
- Pre-departure clearance delivery time (date/time at which pre-departure clearance was issued)
- Taxi start time (date/time at which taxi start was issued)
- Takeoff time (date/time at which takeoff clearance was issued)
- Departure runway

Airport Data Service (APDS)

For each RVR-equipped runway at ~130 selected NG and PC RVR airports:

- Visual range in hundreds of feet at touchdown, midpoint, and rollout
- Visibility trend (steady, increasing, decreasing) at touchdown, midpoint, and rollout
- Runway edge light and center light setting intensity from 0 (off) to 5 (maximum)

Surface Movement Event Service (SMES)

Event date/time for each flight at all 35 ASDE-X and eventually 9 ASSC airports:

- Spot Out (departure aircraft crosses from ramp to surface movement area)
- Spot In (arrival aircraft crosses from surface movement area to ramp)
- Off (wheels up)
- On (wheels down)

Surface Movement Event Service (SMES) cont.

For each aircraft in the movement area or nearby airspace of all 35 ASDE-X and eventually 9 ASSC airports:

- Category 11 data
 - Mode S / Mode 3A
 - Aircraft type
 - Departure or arrival runway
 - Departure fix for departures
 - Departure airport for arrivals
 - Wake class
 - Position / heading / speed / altitude
 - Fused track acceleration
 - Coasted or suspended track number
 - ADS-B info
 - Source / reliability info
- Generic Flight Plan data
 - FP interface type (ARTSIIIA, ARTSIIIE, STARS, GFP, MicroEARTS)
 - Aircraft type / category
 - Entry / exit fix
 - Flight type (arrival, departure, enroute)
 - Assigned runway
 - Scratch pad



