

## Stuttgart Airport: Partial reconstruction of RWY 07 / 25 in year 2020

Reconstruction period 1: 23.04.2020 – 20.05.2020

### 1. Infrastructure

#### 1.1 Declared distances:

	<b>RWY 25</b>	<b>RWY 07</b>
TORA	1.665 m	1.965 m
TODA	1.665 m	1.965 m
ASDA	1.965 m	1.965 m
LDA	1.965 m	1.665 m

#### 1.2 Width of RWY:

45m with additional shoulders of 7.5 m on each side.

#### 1.3 Location of thresholds:

	<b>RWY 25</b>	<b>RWY 07</b>
Geographical coordinates	48° 41' 26,164'' North 9° 13' 32,811'' East	48° 41' 11,321'' North 9° 12' 14,557'' East
Height	371,08 m MSL	386, 00 m MSL
Relocation of threshold	1.380 m	-

#### 1.4 Approach lighting system:

- RWY 07: The approach lighting system will remain unchanged (CS ADR-DSN.M.625)
- RWY 25: A temporary simple approach lighting system will be available (CS ADR-DSN.M.626)
  - Length: 420 m
  - 30 m longitudinal distance between the barrettes
  - All barrettes have a low and a high intensity fire
  - Crossbar at 300 m with a width of 30 m
  - At the beginning of the reconstruction period, the simple approach lighting system will be situated with a northern offset of 0.6 m to the physical centre of the runway
  - Temporarily the crossbar of the simple approach lighting system will have an offset of 307.5 m instead of 300 m to the runway threshold

#### 1.5 Precision approach path indicator (PAPI)

- RWY 07: A PAPI will be available and remains unchanged (CS ADR-DSN.M.645)
- RWY 25: A PAPI with a gliding angle of 3° will be available for the approach to the relocated threshold.

### **1.6 Touchdown zone lights**

- RWY 07: Touchdown zone lights are available but shortened (CS ADR-DSN.M.695)
- RWY 25: No touchdown zone lights or simple touchdown zone lights are available

### **1.7 Runway centre line lights**

- RWY 07: Runway centre line lights will be available with an offset of 0.6 m from the runway centre line marking (CS ADR-DSN.M.690). This remains unchanged.
- RWY 25: Runway centre line lights will be available during the reconstruction period. Due to the northern offset of the approach lighting system, there will be an offset of 1.2 m between the runway centre line lights and the approach lighting system at the beginning of the reconstruction period

### **1.8 Touchdown zone marking**

- RWY 07 / 25: A touchdown zone marking will be available (CS ADR-DSN.L.545)

### **1.9 Runway Centre line marking**

- RWY 07 / 25: A runway centre line marking is attached to the physical centre of the runway (CS ADR-DSN.L.530)

### **1.10 Runway end safety area (RESA)**

- RWY 07 / 25: A RESA with a length of 240 m will be available at each end of the RWY (CS ADR-DSN.C.210)

### **1.11 Unserviceable Areas**

- According to CS ADR-DSN.R.855, all permanently closed parts of the runway and taxiways are signed with closed markings

## **2. Approaches:**

- The following approach procedures may be expected: RNP, VOR, GBAS, VFR
- OCA / OCH values not yet available

## **3. Obstacle limitation surfaces**

- The obstacle limitation surfaces are observed (CS ADR-DSN.H.)

## **4. Operating hours:**

- Daily 0400 – 2000 UTC (Local: 0600 – 2200)
- Airport closed between 2000 - 0400 UTC (Local: 2200 – 0600)
- Additionally, airport closed from 22.04.2020 2000 UTC until 23.04.2020 0400 UTC
- Restrictions do not apply for helicopters

#### 5. Operational restrictions:

- Take offs and landings are not permitted on a contaminated runway according to VO (EU) 965/2012 Annex I number 25
- Take offs and landings are not permitted on a wet runway according to VO (EU) 965/2012 Annex I number 128 and a prevailing tailwind component of more than 5 kt.
  - ➔ Flexible usage of runway direction will be granted by local ATC.
- No low visibility operations CAT II / III will be available

#### 6. Runway construction safety information (RCSI)

For detailed information a runway construction safety information will be published from the beginning of May 2019 on:

<https://www.stuttgart-airport.com/reconstruction-rwy>

This information system will be updated daily during the construction period.

#### 7. Contact

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