

New reference aircraft A321-200 for PAPI instead of B767:

- PAPI reference based on Aircraft Type **A321-200**
- MEHT THR 26: **43,9 FT**
- MEHT THR 08: **41,3 FT** (Note: displacement THR 08 will be 60 m iso 103 m)
- PAPI angle 3,5°
- All aircraft with larger eye path to wheel path height than A321-200 (**6,88 m**) need to clarify internally if sufficient wheel clearance is provided or if approach path adjustments are required.

New PAPI positioning - closer to RWY thresholds

- To provide longer landing roll distances after touchdown, the PAPI and co-located touchdown aiming markings are situated 40 m closer to the thresholds on both RWY sides (**new 227 m** instead of 267 m previously).
This effectuates little reduced wheel clearance over THR 26 for A321-200 (and aircraft with larger eye to wheel path) but the required MWC *minimum wheel clearance* for A321-200 of 5 m is given, as required per regulation (in fact overmatched with 6,49 m, even with low PAPI indication - one white and three red lights). Aircraft with larger eye-to-wheel height and/or the requirement of more than 6,49 m minimum wheel clearance over THR 26 need further consideration by the operator. On RWY 08 the desired wheel clearance of 9 m is given over physical RWY beginning for the reference aircraft A321-200, as required per regulation.

Simple touch down zone lights STDZ (EASA CS ADR-DSN.M.696):

- The purpose of STDZ lights is to provide pilots with enhanced situational awareness in all visibility conditions and to assist pilots to decide whether to commence a go around if the aircraft has not landed until a certain point on the runway
- Simple Touchdown Zone Lights will be installed on both RWYs in LOWI at a distance of 623 m from each threshold to indicate the ultimate end of the declared / marked touch down zone. Remaining length of the LDA published when passing these lights is 1317 m.
- Simple Touchdown Zone lights consist of a pair of white lights located on each side of the runway center line, 0.3meters beyond the upwind edge of the final Touchdown Zone Marking.

T/O direction RWY 08 no RCL runway center line lights on the first 60 m:

- On RWY 08 on the first 60 m until displaced landing threshold 08 there are no RCL. To use full RWY length 08 observe the TORA 2000 m sign on T/O threshold RWY 08.

No threshold identification lights (never before on RWY 08; removed on RWY 26):

- Threshold identification lights (flashing) removed for RWY 26 as they are no longer required by regulations

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