

# 1989: B707 Salt Lake City

- Operational context
  - Flight HON-SLC
  - 7 crew, 187 pax
  - Final CAT I
  - ILS RWY 34 at SLC
  - CPT FP
- Flight context
  - Came 'off gauges' during ILS at 300 ft AGL
  - Expecting to see RWY, but saw it only at 200 ft AGL
  - Saw RWY on his left



# 1989: B707 Salt Lake City (con'd)

## ■ Human factor context

- Cpt loses all depth perception
- Consider executing missed approach
- But felt he could align airplane with RWY according to the altitude remaining

## ■ Analysis

- Previous last 30 hours period, Cpt:
  - 18,5 H on duty
  - 13,5 H flight
  - 11, 5 H off duty
  - But only 1 hour sleep

# 1989: B707 Salt Lake City (end)

## ■ Consequences

- While maneuvering, #1 eng struck RWY,
- Denting RWY on about 15-20 m and 3 cm deep
- No injury

## ■ Causes (NTSB conclusions)

- PIC attempt to align the airplane with the runway at an altitude insufficient for safe maneuvering

## ■ Contributing factors

- Obscured visibility due to fog
  - × Metar: 0 SM FG
- Cpt loss of depth perception
- Fatigue due to disrupted circadian rhythm