



EAPRI'S RECOMMENDATIONS BENEFITS

LISBON ATC TOWER

TRAINING AND BRIEFINGS

- Safety recommendations included yearly on training, refreshments and briefings.

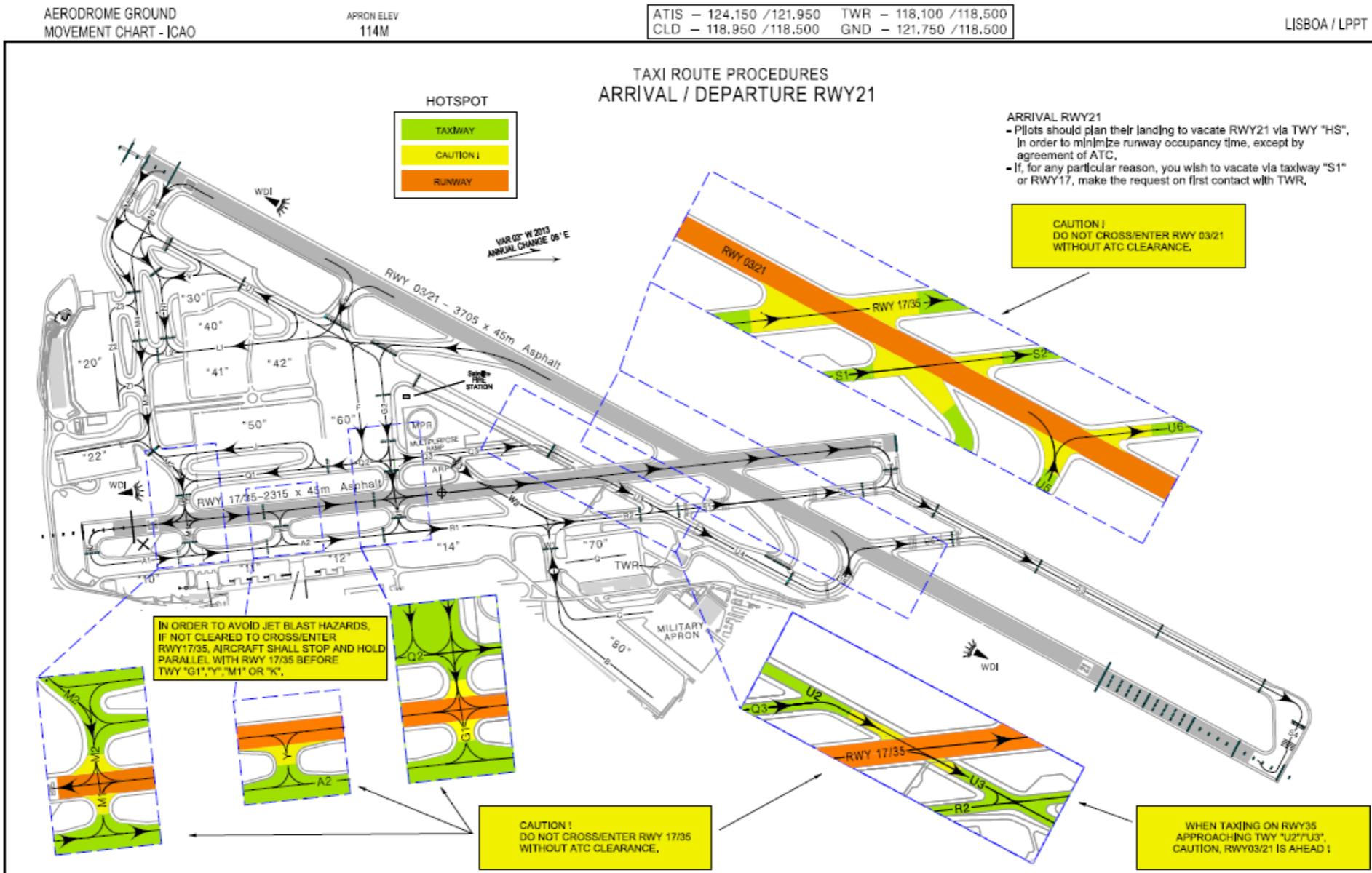
TAXI INSTRUCTIONS

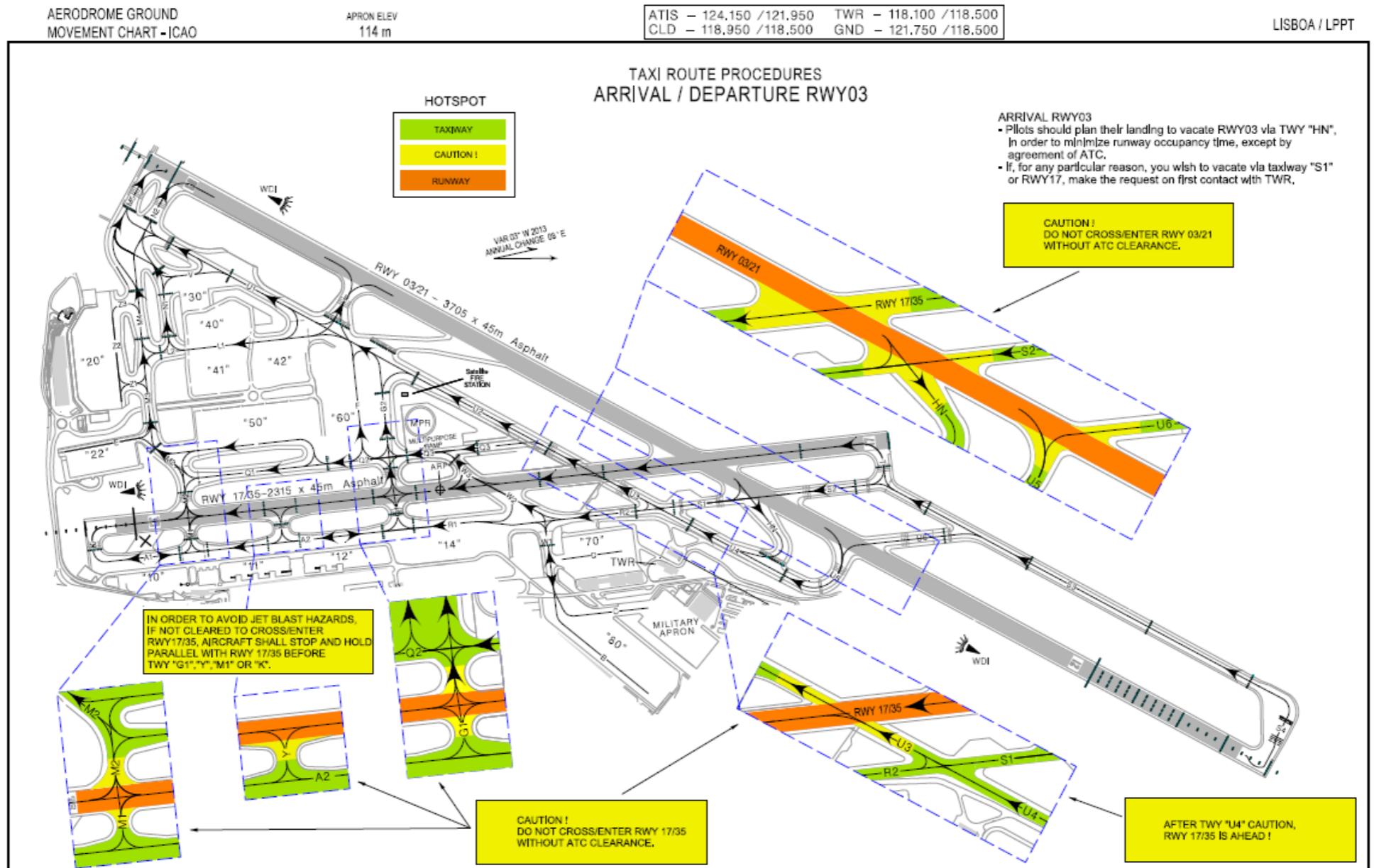
- Clearance limit on all taxi instructions;
- Standard taxi routes:
 - NVO vs LVO.
- Progressive taxi instructions (RWY 21);
- ATC clearance prior to taxi;
- Vehicle progress strips;
- Line-up/ take-off clearance close to holding point + when ready;
- Avoidance of premature landing clearances.

HOT SPOTS

EAPRI'S RECOMMENDATIONS BENEFITS AT LISBON ATC TOWER

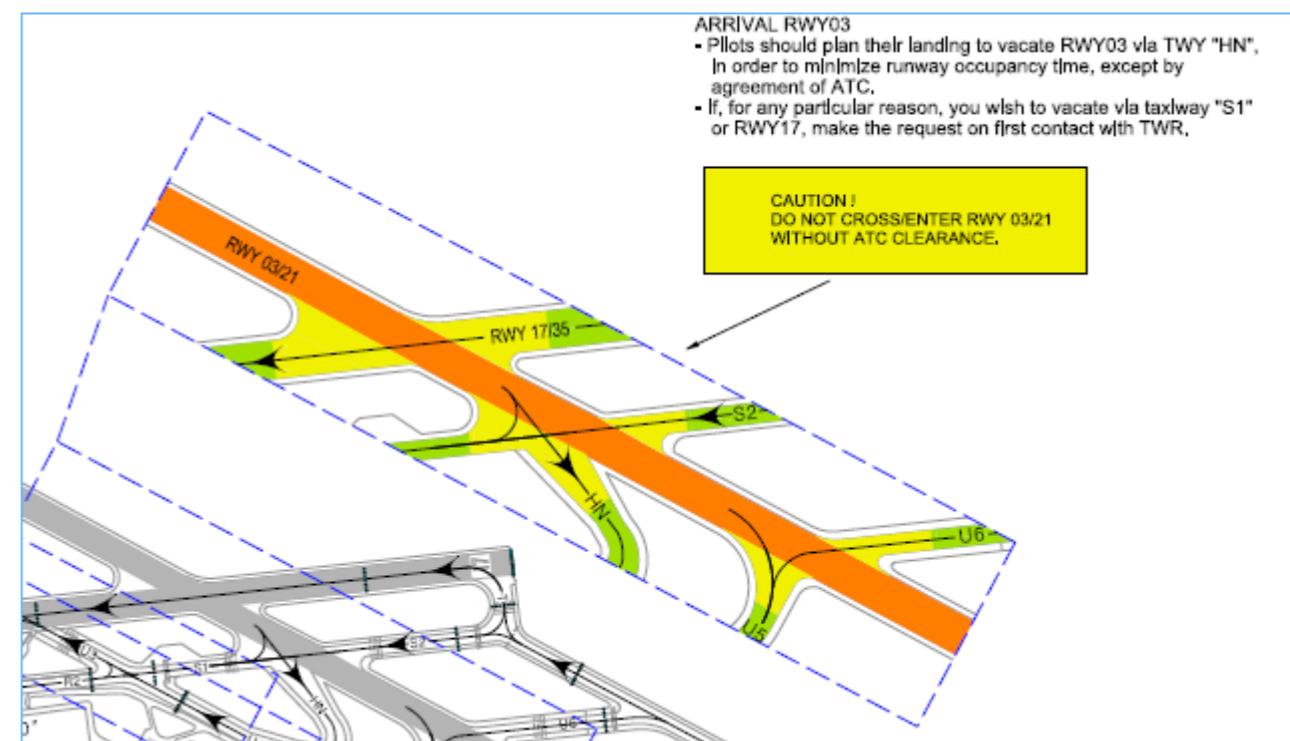
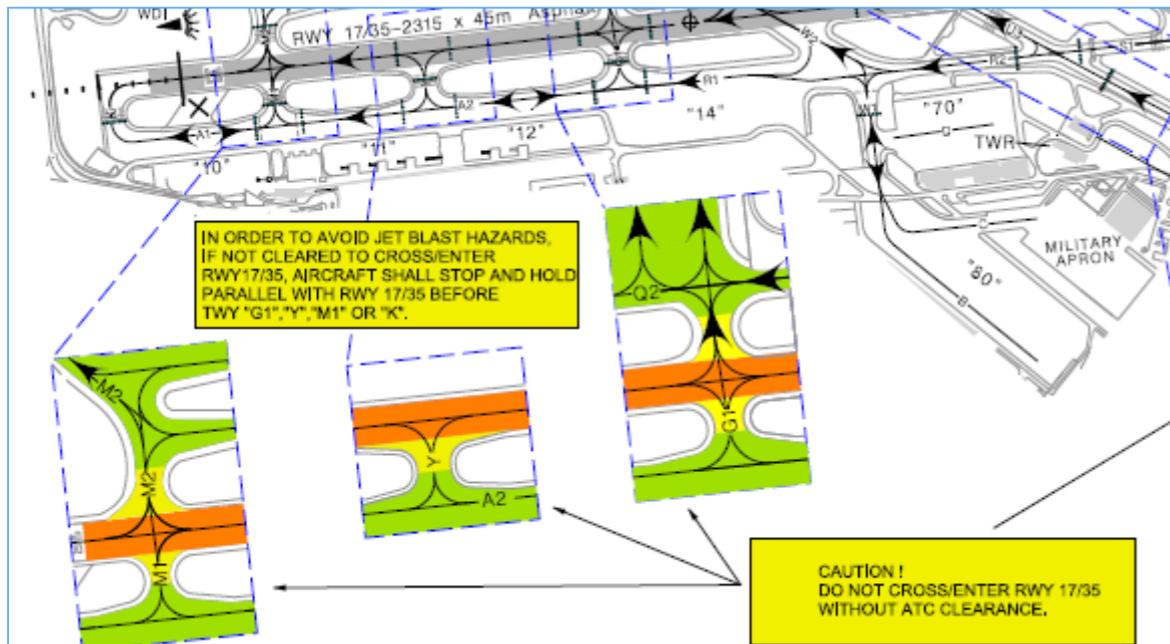
AIP PORTUGAL

LPPT AD 2.24.03 - 3
21-JUN-2018




HOT SPOTS

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RECENT DEVELOPMENTS

- Runway occupancy study;
- Runway protection stop bars (partially);
- ATC clearance delivery improved schedule;
- ADS-B vehicle recognition.

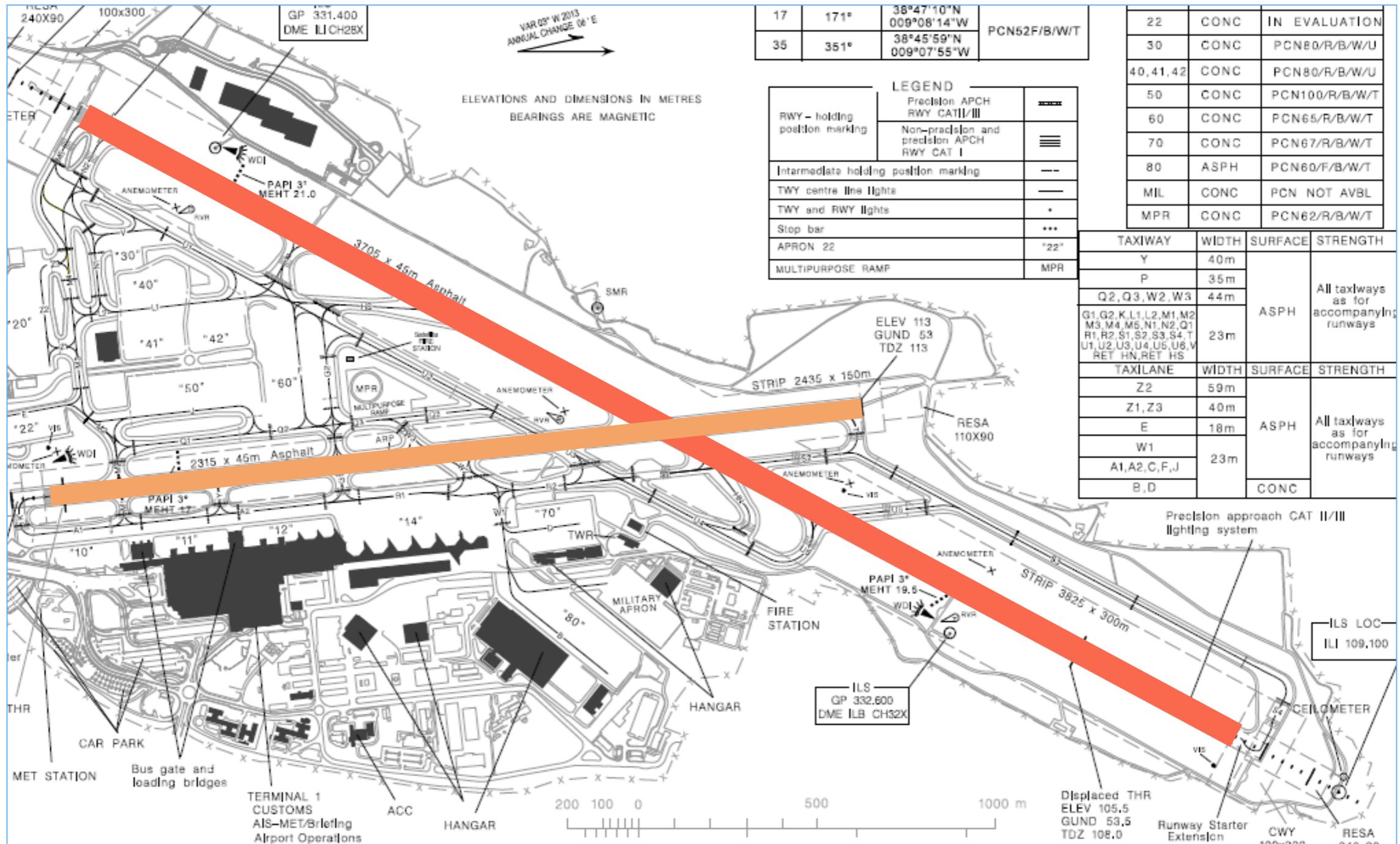


OLD PROCEDURES

- Runway designation after clearance to enter, vacate, take-off or land;
- Standard EU and ICAO phraseology (just English);
- Taxi instructions:
 - Limit – holding point;
 - Reinforcement of crossing and hold short;
 - Taxi standard routes.
- Landing clearance issued at 2NM from threshold or more;
- Progressive runway inspection;
- Crossed runway operation.

CROSSED RUNWAY OPERATION

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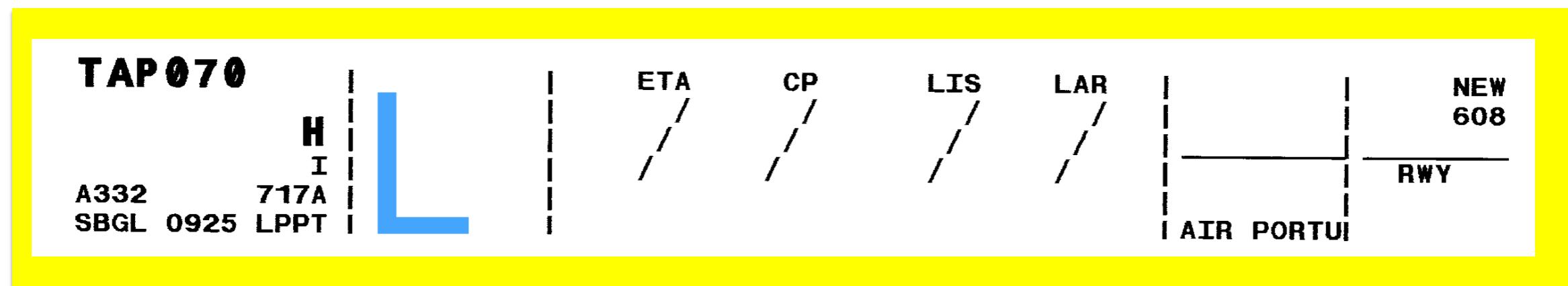
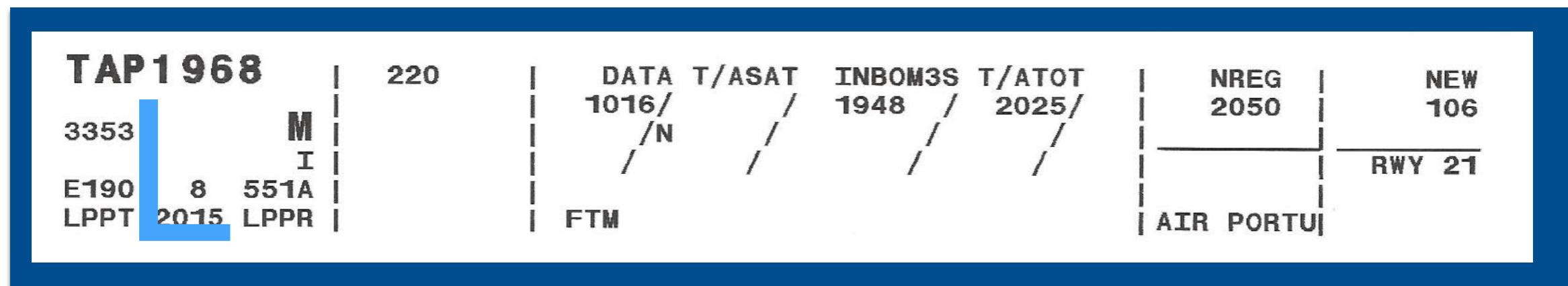
RWY 03-21 AND RWY 35-17

- Aircraft under TWR control until crossing or being parallel;
- GND – TWR Handover;
- Runway protection stop bars;



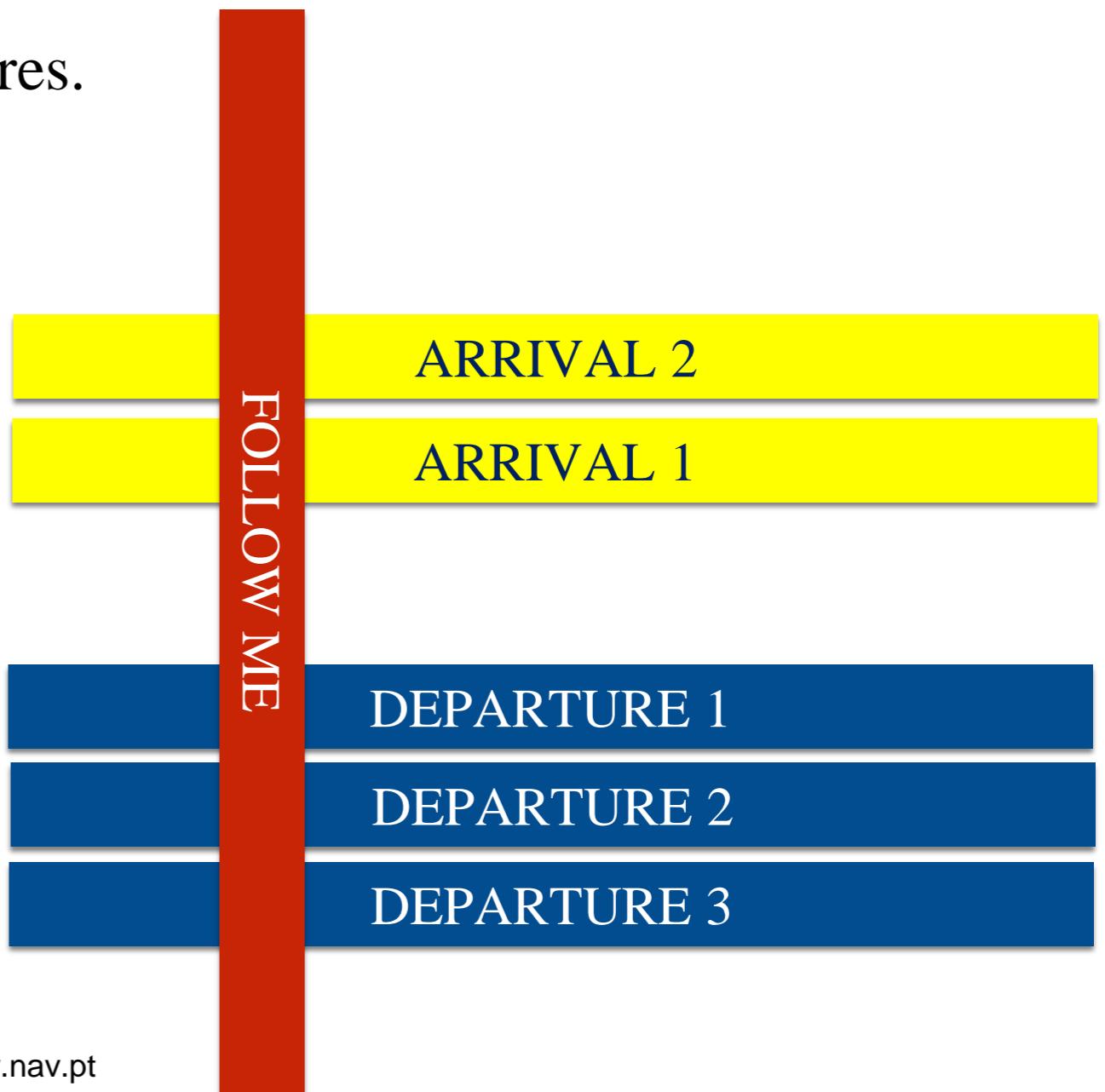
RUNWAY INCURSION DETECTION

- A-SMGCS alarms;
- LVO transgression beams;
- Paper flight progress board procedures.



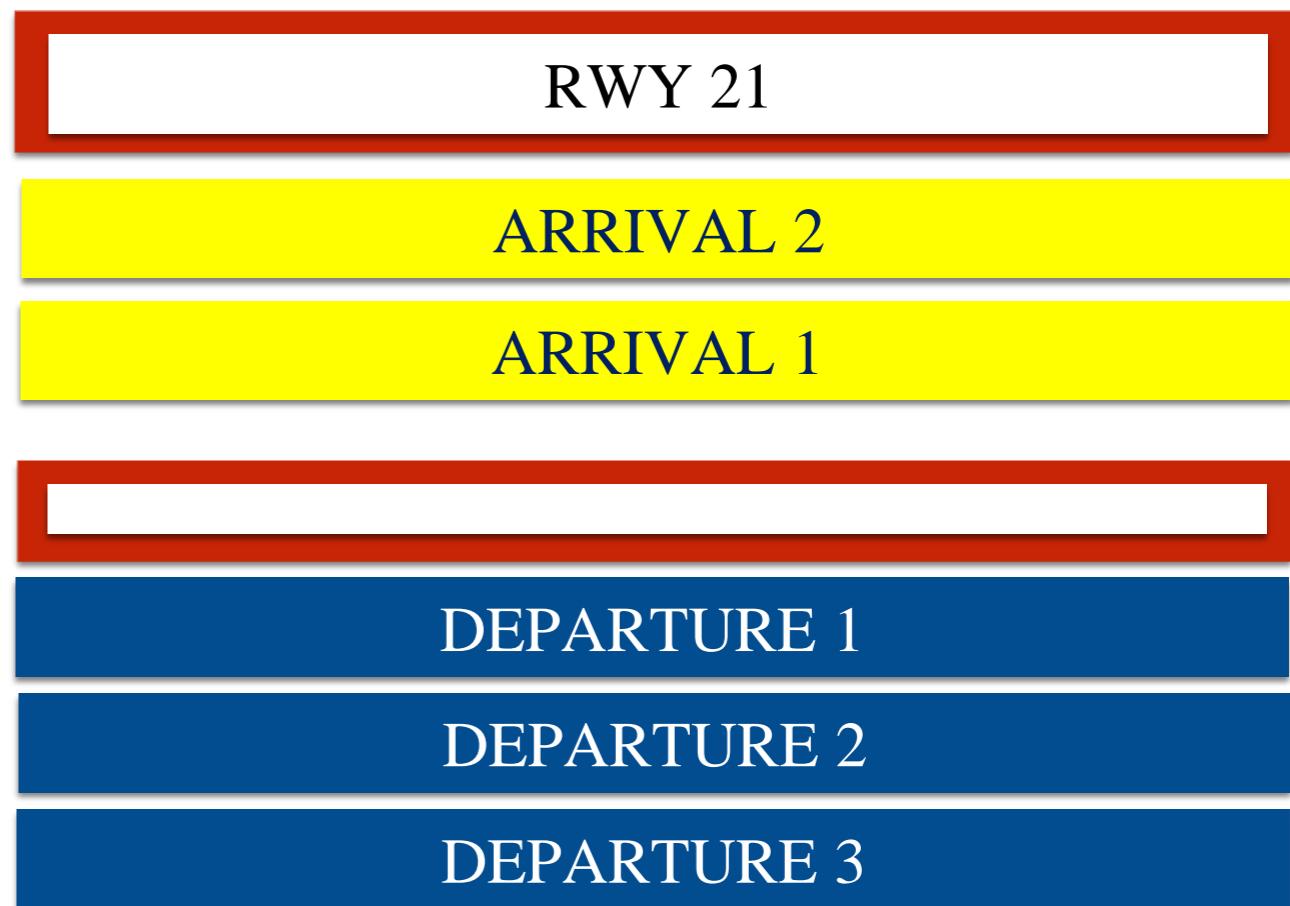
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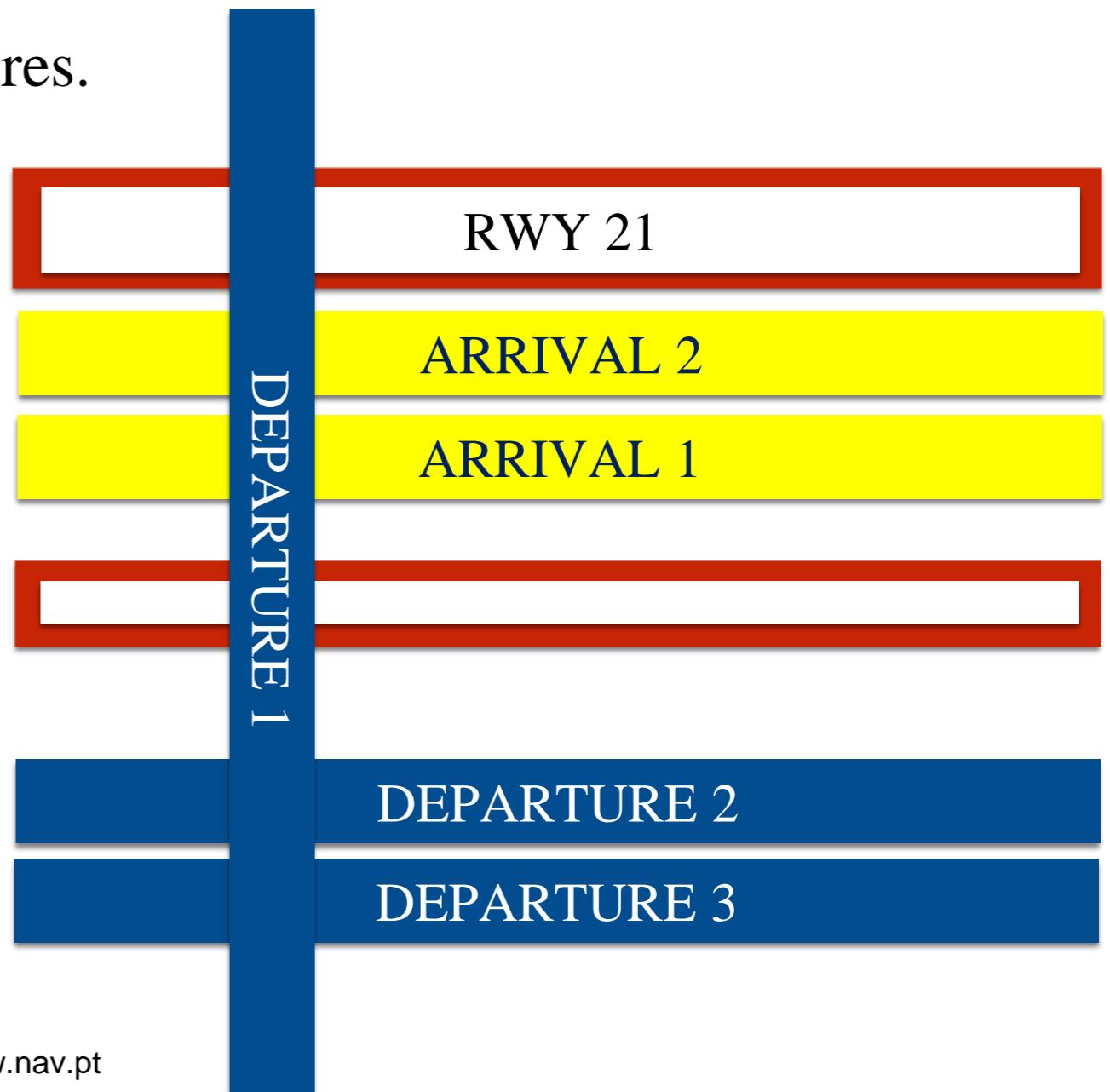
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NEAR FUTURE DEVELOPMENTS

- Electronic flight progress board alarms.

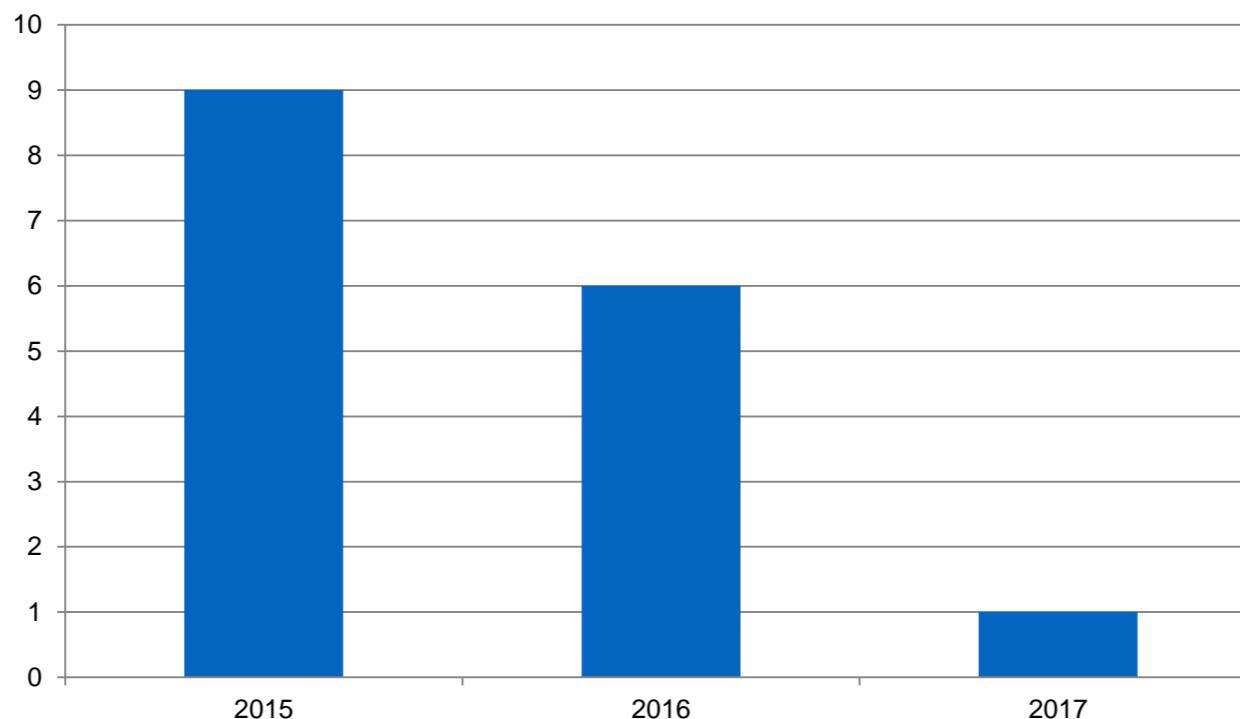


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THE PAST THREE YEARS

RWY INCURSIONS 2015 - 17



A photograph of the 25 de Abril Bridge in Lisbon, Portugal, spanning the Tagus River. The bridge is a suspension bridge with a prominent red tower on the left bank. The sky is clear and blue. The water in the foreground is slightly rippled.

LISBON
ATC
TOWER

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THANK YOU