



# Flight Trials – Status & Plan

THE FUTURE IS STRATOSPHERIC

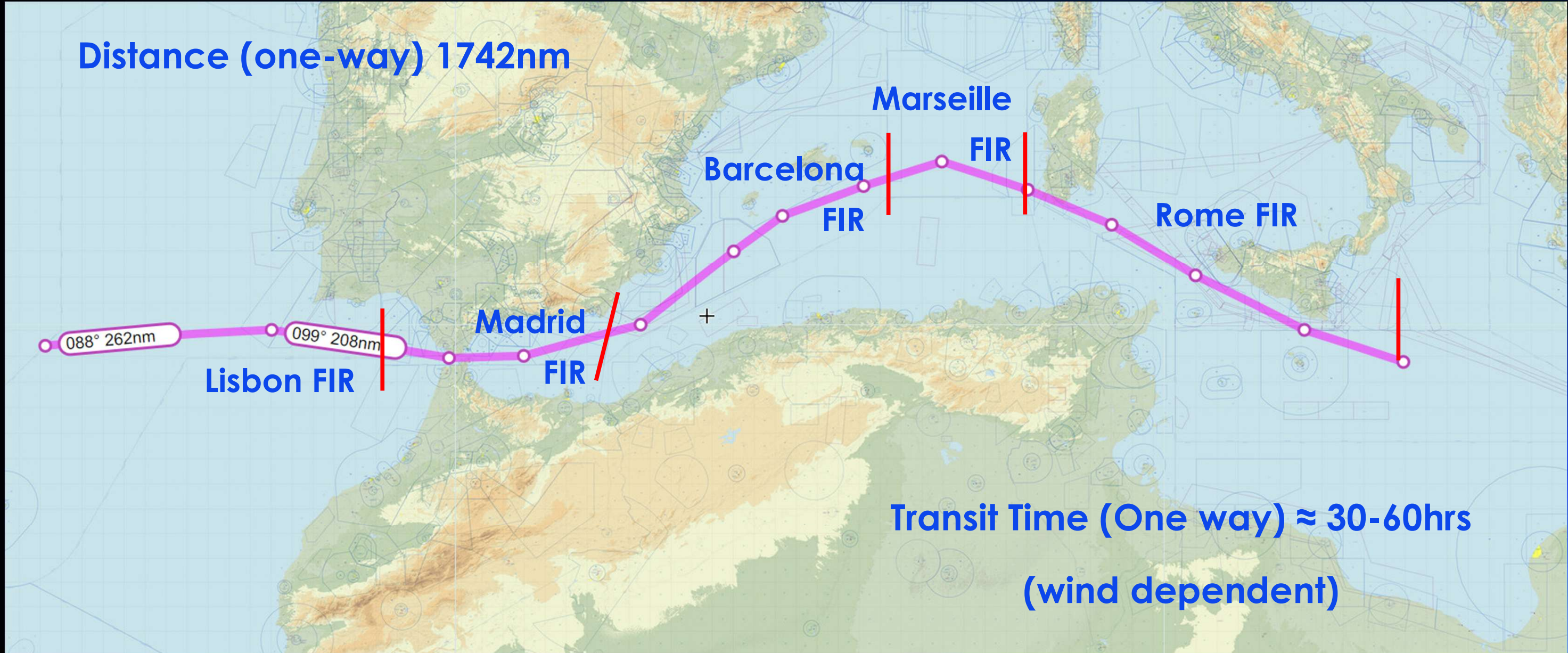
ECHO2 Dissemination Workshop 7<sup>th</sup> Nov. 2024



# Zephyr European Flight Route Overview



# Zephyr European Transit Overview



# Progress So Far / Key Learnings

- Summer 2024 discussions with the EU NAA / EASA - Outcomes
  - Use of Reg 2019/947 regulatory framework
  - Means of Compliance needing adaptation to HAPS intrinsic characteristics
    - Ground Risk Buffer definition
    - Containment System Design Robustness
    - Population density granularity representative of the risk to 3<sup>rd</sup> party perception from high altitude operations
  - Maritime type of operations likely sensible first step operations in Europe
- Way Forward-European Flight Campaign:
  - Objectives for European flights remain unchanged and support AALTO deliverable of Validation Report at TRL6
  - Meteorological window indicates May 25 as optimum launch date
  - Mission re-planning on-going based on proposed alternative Means of Compliance with above Reg 2019/947
  - PTF discussions on-going with the Kenyan authorities
  - SORA Discussions with the European authorities to resume before Xmas 2024

Thank You

AALTO