


SAFETY AND PREDICTABILITY DURING VISUAL MANOEUVRING

EASA WEBINAR

Alexander Gerritsen – Chief Pilot, easyJet



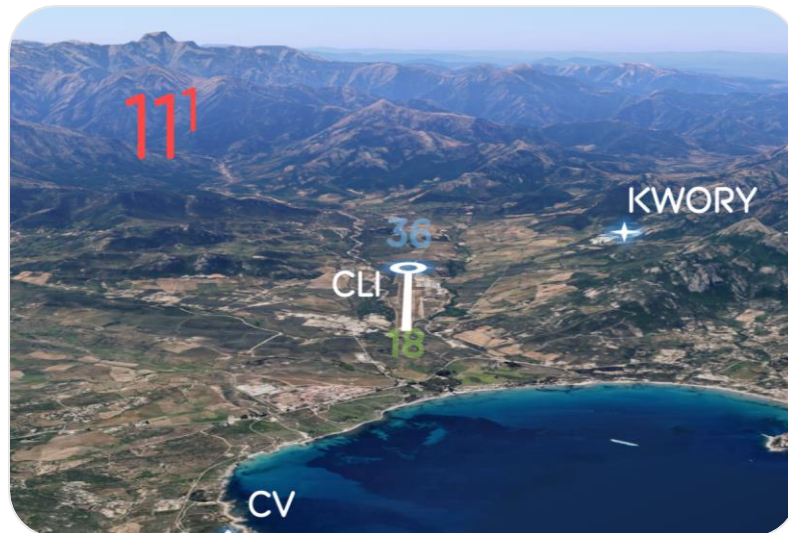
EASA SIB - BENEFITS

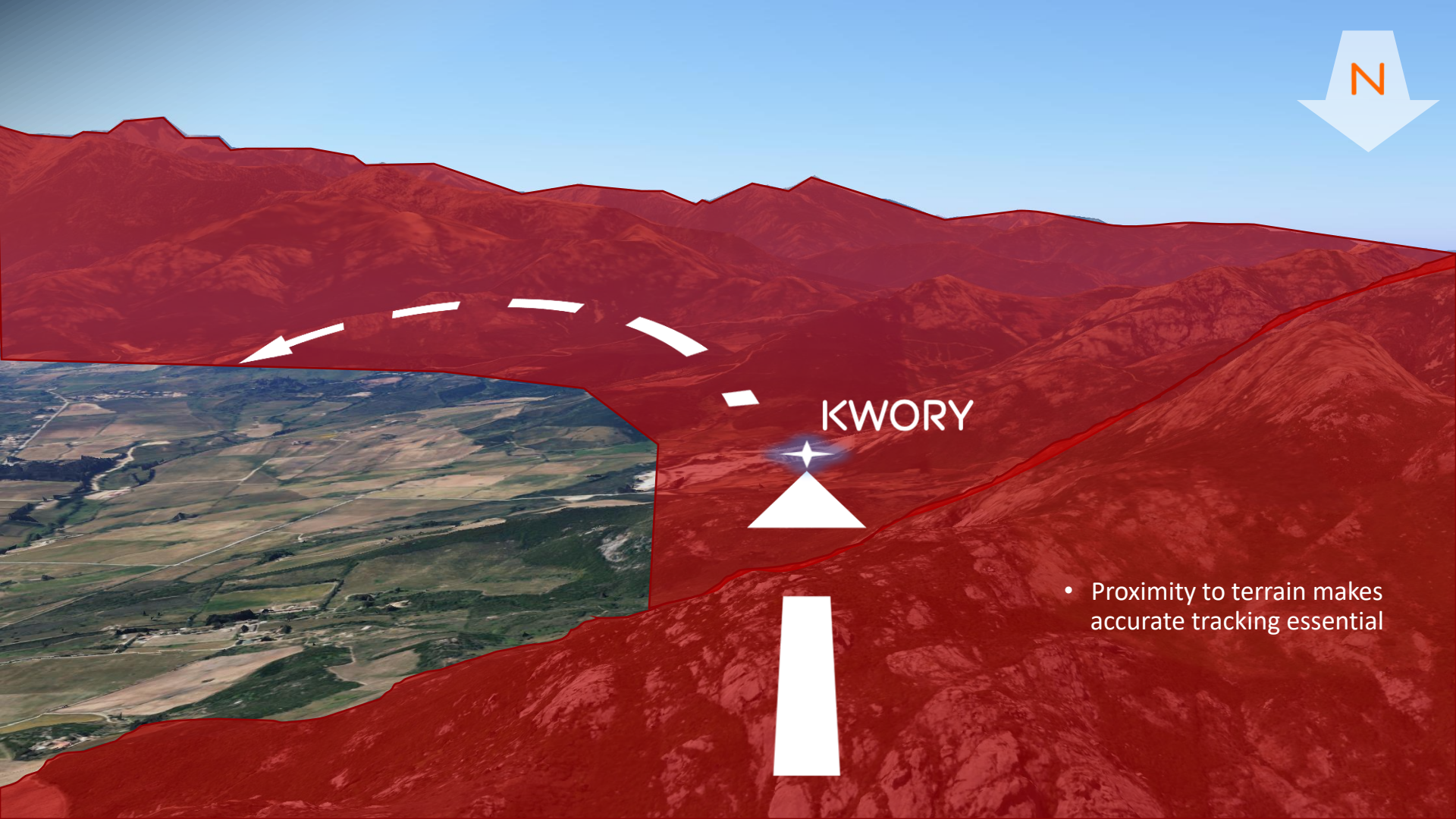


“Traditional visual manoeuvring procedures, particularly circling approaches, require pilots to rely heavily on visual cues. This can be challenging in adverse weather conditions, near complex terrain, or when the flight crew is not familiar with the aerodrome environment and noise sensitive areas.”

AIRPORT OVERVIEW CALVI (LFKC/CLY)

Calvi airport approaches onto runway 36 are challenging due to topography





KWORY

- Proximity to terrain makes accurate tracking essential

AIRPORT OVERVIEW CALVI (LFKC/CLY)

Our SMS showed we needed to take further action to improve our safety performance

Terrain profile

- EGPWS alerts
- early "1000" and "500" auto callouts due to terrain profile
- The terrain profile on final RWY36 gives the impression of being too low

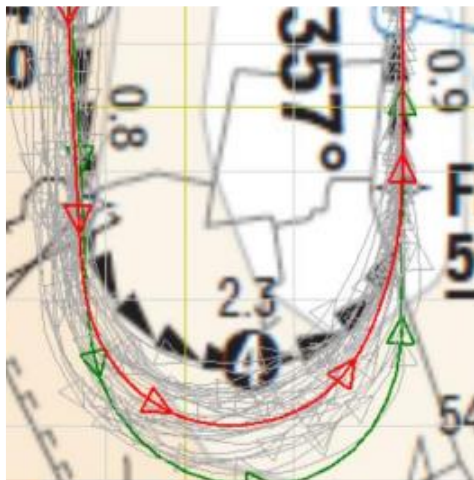
PAPIs set at 3.5 ° and offset to make sighting them easier during base turn

Wind effects near terrain

Limited time to meet stability criteria

CAT C airport

Visual approach only runway 36



Terrain alerts

Unstable approaches

Go-arounds

Balked Landings

AIRPORT OVERVIEW CALVI (LFKC/CLY)

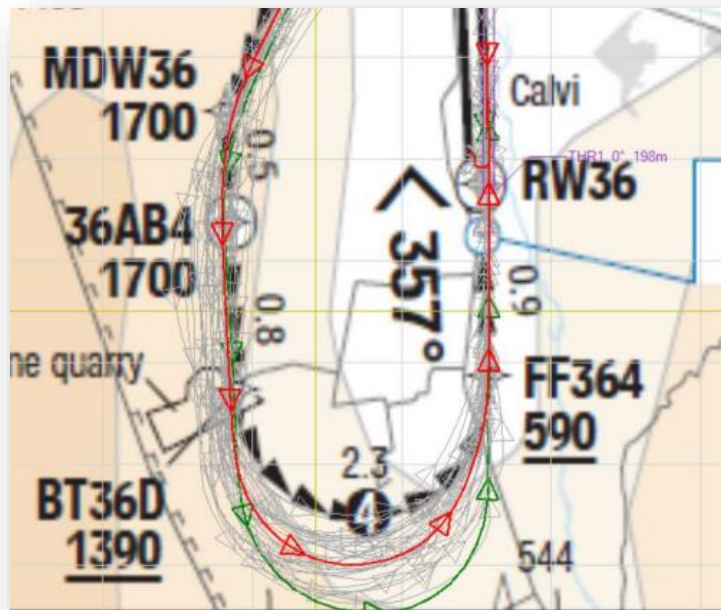
Solutions were found using aircraft technology and introducing coded approaches



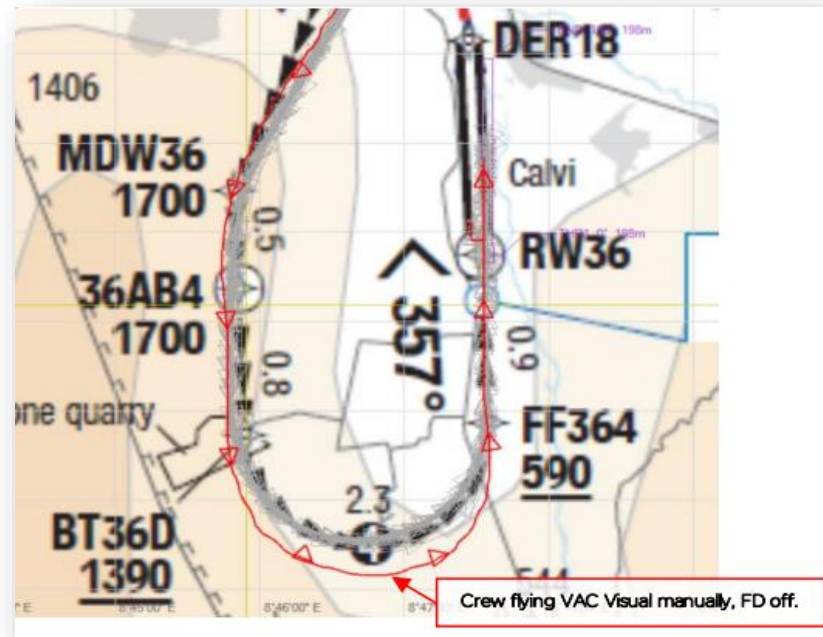
AIRPORT OVERVIEW CALVI (LFKC/CLY)

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BEFORE



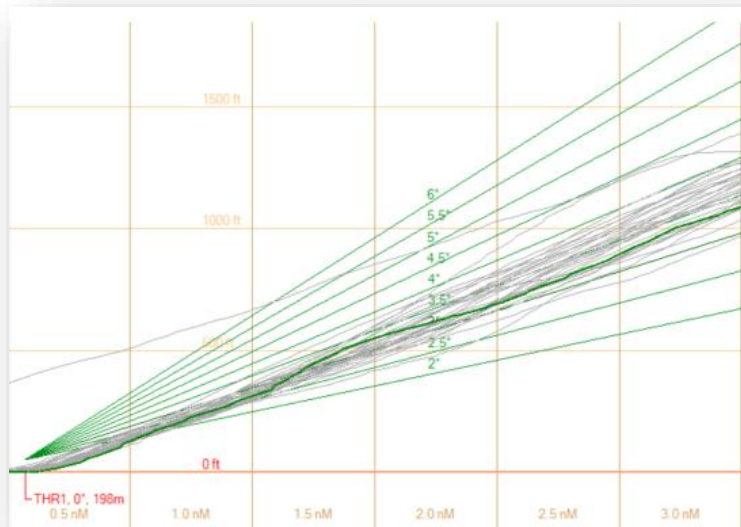
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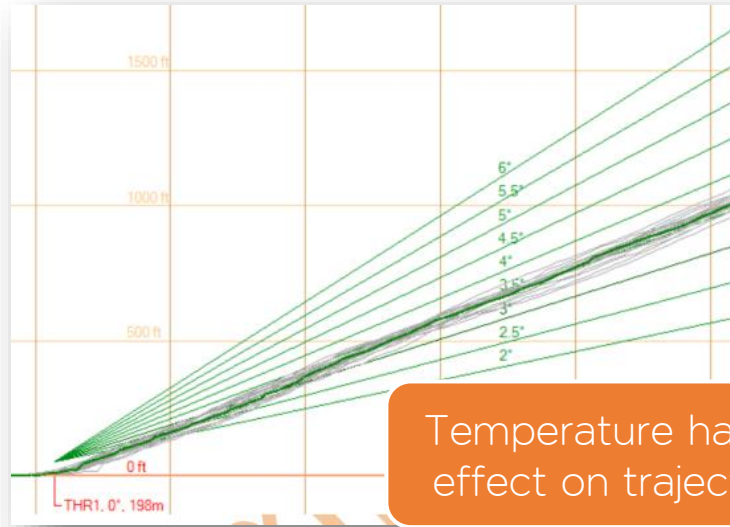
AIRPORT OVERVIEW CALVI (LFCV/CLY)

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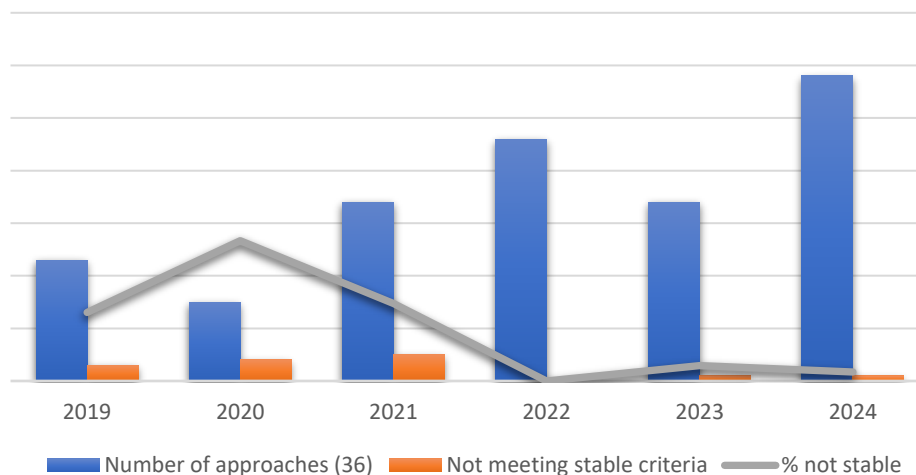


Temperature has an effect on trajectory

AIRPORT OVERVIEW CALVI (LFKC/CLY)

Safety performance improvements almost instantaneous delivering improved safety, efficiency and resilience

Approach stability runway 36 Calvi



FURTHER IMPLEMENTATIONS

Safety performance improvements almost instantaneous delivering improved safety, efficiency and resilience

Successful implementation at other airports with consistent results



NEXT STEPS

Ensure our pilots continue to be able to deploy technology effectively



Pilot Skills



Policies and
Procedures



Technology

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