

EASA – 10 Nov 2022

Back to the PBN future FOR ATM

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PBN – (Perf.Based NAV) is the GAME



Changer

- ✓ PBN: Reduced track miles/fuel burn/carbon dioxide emissions during landing approaches
- ✓ Less impact of aircraft noise (stabilised paths and area avoidance);
- ✓ Low investments (reduced investment in ground-based systems and associated costs)
- ✓ Safer: more predictable, lower flight deck & controller workload, more stabilised approaches
- ✓ More efficient use of airspace and higher capacity (shorter and more direct routes; less time in flight, less congestion, fewer airspace conflicts)

PBN in Europe – needs a single network manager



- ✓ PBN needs to accelerate and network manager Eurocontrol need to take the challenge
- ✓ Optimum use of network to minimise speed and track miles
- ✓ Encourage use of lower cost index aircraft operations
- ✓ Safety: Reducing emissions leads to improved safety and lower costs