

# Study Topic for Independent Consultant - PBN

## Baseline Review- 12 week desk top study

### Why is this needed?

- Government Policy is to limit and where possible reduce significant adverse effects of aviation noise (Airspace Navigation Guidance 2017)
- Heathrow has already started its Future Airspace Design Process
- It is intended PBN will be a key feature of this
- Early introduction of PBN is proposed with HAL's IPA proposal; the issue must be addressed now
- International experience has resulted in universal opposition over residential areas
- Heathrow's 2014 trials had to be abandoned early in the face of overwhelming protest
- The health and environmental impacts of PBN are not understood or are not even being addressed
- International experience needs to be drawn upon to set parameters for what is and what is not acceptable
- This is an essential block in guiding future airspace design
- It will inform other essential related work to be undertaken in redesigning London's future airspace, such as respite