

2nd December 2021

Dear Sirs

Re-determination of the Application by RiverOak Strategic Partners Limited for an Order granting Development Consent for the reopening and development of Manston Airport in Kent.

EXTENSION TO THE DEADLINE FOR RESPONSES - CONSULTATION ON THE INDEPENDENT AVIATION ASSESSOR'S DRAFT REPORT AND THE REPRESENTATIONS RECEIVED ON THE STATEMENT OF MATTERS

Additional items not included with previous letter

Recent advances in aeronautical technology have leaped forward since 2019 and need consideration with respect to lower emissions and noise reduction. How far this will go is yet to be seen but is work in progress for big players such as the likes of Rolls Royce, etc

Rolls Royce has developed the fastest electric aircraft to date, hydrogen is being considered as a fuel, quieter more efficient aircraft engines are constantly being developed

The Ministry of Defence, in collaboration with Zero Petroleum, have won a Guinness World Record for the world's first successful flight on 23rd November 2021 using only synthetic fuel, saving between 80% - 90% carbon each flight.

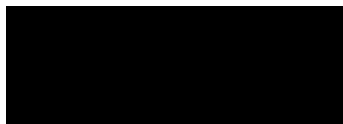
Recently, the Flyvevåbnet (the Danish Air Force) has also leased two electrical aircrafts for training purposes, which are completely carbon neutral.

Innovations like this sound insulation, changes in aircraft design and hydrogen fuel cells will certainly help air flight:

- Lightest Sound Insulation Ever Created Will Make Aircraft Engines 80% Quieter : Researchers developed a graphene aerogel that reduces engine noise to the same level as a hair dryer
[REDACTED]
- Airbus Unveils 3 Hydrogen-Powered Concept Aircraft: The Company is aiming to have the world's first zero-emission commercial aircraft in service by 2035.
[REDACTED]
- UPS Orders 10 Electric Aircraft for Deliveries: The Beta Technologies ALIA-250c aircraft has a range of 250 miles and 200 cubic feet of storage space.
[REDACTED]
- NASA Tech Reduces Aircraft Noise by Up to 70 Percent: By moving to a porous landing gear fairing, modifying cavities, and redesign the wing flaps to be seamless, aircraft get a lot quieter as they come in for landing.
[REDACTED] [pcmag.com/science-space/116164/nasa-tech-reduces-aircraft-noise-by-up-to-70-percent](https://www.pcmag.com/science-space/116164/nasa-tech-reduces-aircraft-noise-by-up-to-70-percent)

I fully support the reopening of Manston Airport and the DCO application by RSP and hope that the SoS does so too in his decision.

Yours sincerely



John Bates BSc, MRSC