

# The adaptation of sustainable biojet fuels and its effect on aircraft engine maintenance

Noh, H.M., Rodrigo, G.A., Rahman, N.A.A.

## Abstract

Aviation industries are looking into several resources for renewable and **sustainable** energy. Among those attention is focused in **biojet** fuel. This paper engages the issue of **biojet** fuel emissions that increase the environmental concern in the air transport sector. The paper presents the use of **biojet** fuel and its **effect** on **aircraft engine maintenance** through preliminary data collections, and a review of its development process in operations for time and goal. As conclusion, airlines management needs to adapt and adopt the transition to alternative **fuels**, especially given the global biofuel trend emerging due to the authority approval. © Published under licence by IOP Publishing Ltd.

## Indexed keywords

**Engineering controlled terms:** Aerospace engineering; **Aircraft** engines; Alternative **fuels**; Engines; **Fuels**

Air transport; **Aircraft engine maintenance**; Aviation industry; Data collection; Development process; Environmental concerns; Fuel emissions; **Sustainable** energy

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