

Accepted Manuscript

Dynamic Scheduling of Aircraft Landings

Julia A. Bennell, Mohammad Mesgarpour, Chris N. Potts

PII: S0377-2217(16)30630-0
DOI: [10.1016/j.ejor.2016.08.015](https://doi.org/10.1016/j.ejor.2016.08.015)
Reference: EOR 13901



To appear in: *European Journal of Operational Research*

Received date: 30 April 2015
Revised date: 4 July 2016
Accepted date: 4 August 2016

Please cite this article as: Julia A. Bennell, Mohammad Mesgarpour, Chris N. Potts, Dynamic Scheduling of Aircraft Landings, *European Journal of Operational Research* (2016), doi: [10.1016/j.ejor.2016.08.015](https://doi.org/10.1016/j.ejor.2016.08.015)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- The algorithm considers the more realistic dynamic version of the problem
- A wider range of stakeholder requirements are considered in the objective function
- Results are benchmarked against the performance of ATC at Heathrow airport
- The results provide better schedules with respect to the extended set of objectives
- The results match or improve throughput performance when compared to ATC

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4959971>

Download Persian Version:

<https://daneshyari.com/article/4959971>

[Daneshyari.com](https://daneshyari.com)