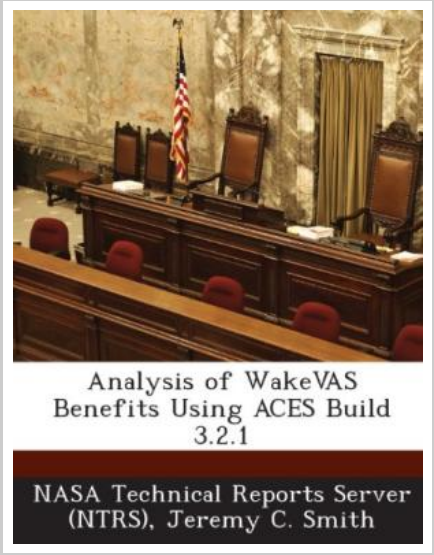


DOWNLOAD PDF

Analysis of Wakevas Benefits Using Aces Build 3.2.1

By Jeremy C. Smith

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.The FAA and NASA are currently engaged in a Wake Turbulence Research Program to revise wake turbulence separation standards, procedures, and criteria to increase airport capacity while maintaining or increasing safety. The research program is divided into three phases: Phase I near term procedural enhancements; Phase II wind dependent Wake Vortex Advisory System (WakeVAS) Concepts of Operations (ConOps); and Phase III farther term ConOps based on wake prediction and sensing. This report contains an analysis that evaluates the benefits of a closely spaced parallel runway (CSPR) Phase I ConOps, a single runway and CSPR Phase II ConOps and a single runway Phase III ConOps. A series of simulation runs were performed using the Airspace Concepts Evaluation System (ACES) Build 3. 21 air traffic simulator to provide an initial assessment of the reduction in delay and cost savings obtained by the use of a WakeVAS at selected U. S. airports. The ACES simulator is being developed by NASA Ames Research Center as part of the Virtual Airspace Modelling and Simulation (VAMS) program. This item ships from La Vergne,TN. Paperback.

READ ONLINE
[5.46 MB]

Reviews

It in a single of the most popular publication. Sure, it really is engage in, still an interesting and amazing literature. Your life period will be change the instant you full reading this book.

-- ***Abel O'Kon Sr.***

This publication is worth acquiring. It is actually full of knowledge and wisdom You are going to like the way the blogger publish this book.

-- ***Prof. Stanley Hermiston***