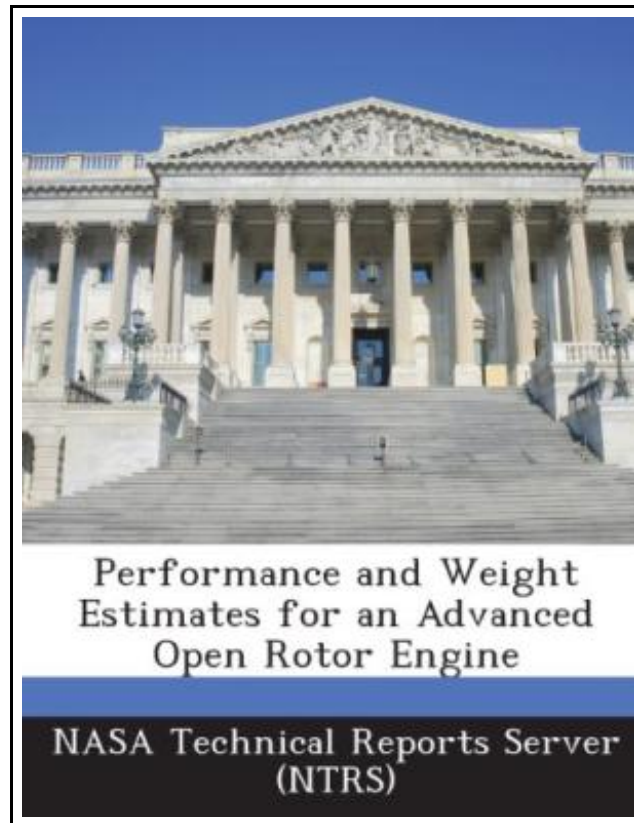


# Performance and Weight Estimates for an Advanced Open Rotor Engine



Filesize: 7.11 MB

## ***Reviews***

*Comprehensive manual for ebook fans. I am quite late in start reading this one, but better then never. Its been written in an exceptionally basic way and is particularly merely soon after i finished reading this publication in which really changed me, affect the way in my opinion.  
(Prof. Antone Olson II)*

## PERFORMANCE AND WEIGHT ESTIMATES FOR AN ADVANCED OPEN ROTOR ENGINE



To download **Performance and Weight Estimates for an Advanced Open Rotor Engine** PDF, you should access the web link listed below and save the document or have accessibility to other information that are have conjunction with PERFORMANCE AND WEIGHT ESTIMATES FOR AN ADVANCED OPEN ROTOR ENGINE book.

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. NASA's Environmentally Responsible Aviation Project and Subsonic Fixed Wing Project are focused on developing concepts and technologies which may enable dramatic reductions to the environmental impact of future generation subsonic aircraft. The open rotor concept (also historically referred to an unducted fan or advanced turboprop) may allow for the achievement of this objective by reducing engine fuel consumption. To evaluate the potential impact of open rotor engines, cycle modeling and engine weight estimation capabilities have been developed. The initial development of the cycle modeling capabilities in the Numerical Propulsion System Simulation (NPSS) tool was presented in a previous paper. Following that initial development, further advancements have been made to the cycle modeling and weight estimation capabilities for open rotor engines and are presented in this paper. The developed modeling capabilities are used to predict the performance of an advanced open rotor concept using modern counter-rotating propeller designs. Finally, performance and weight estimates for this engine are presented and compared to results from a previous NASA study of advanced geared and direct-drive turbofans. This item ships from La Vergne, TN. Paperback.



Read Performance and Weight Estimates for an Advanced Open Rotor Engine Online  
Download PDF Performance and Weight Estimates for an Advanced Open Rotor Engine

## Other eBooks



---

### [PDF] **Animalogy: Animal Analogies**

Click the link below to download and read "Animalogy: Animal Analogies" PDF file.

[Save PDF »](#)



---

### [PDF] **The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up**

Click the link below to download and read "The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up" PDF file.

[Save PDF »](#)



---

### [PDF] **Good Night, Zombie Scary Tales**

Click the link below to download and read "Good Night, Zombie Scary Tales" PDF file.

[Save PDF »](#)



---

### [PDF] **God Loves You. Chester Blue**

Click the link below to download and read "God Loves You. Chester Blue" PDF file.

[Save PDF »](#)



---

### [PDF] **Yearbook Volume 15**

Click the link below to download and read "Yearbook Volume 15" PDF file.

[Save PDF »](#)



---

### [PDF] **Absolutely Lucy #4 Lucy on the Ball A Stepping Stone BookTM**

Click the link below to download and read "Absolutely Lucy #4 Lucy on the Ball A Stepping Stone BookTM" PDF file.

[Save PDF »](#)