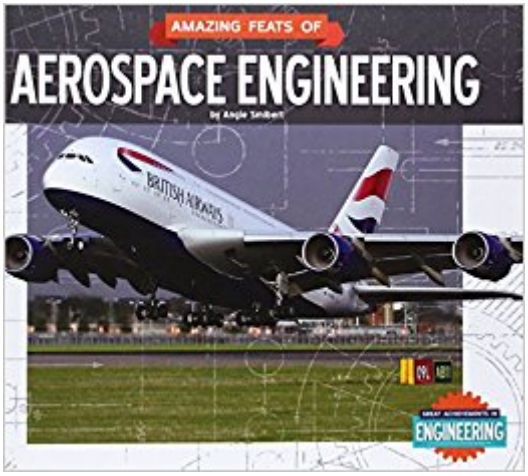
Amazing Feats Of Aerospace Engineering (Great Achievements In Engineering)



Synopsis

Engineers design our modern world. They combine science and technology to create incredible vehicles, structures, and objects. This title examines amazing feats of aerospace engineering. Engaging text explores the Saturn V moon rocket, the International Space Station, and the world's largest passenger jet. It also examines the engineers who made these projects a reality and traces the history of the discipline. Relevant sidebars, stunning photos, and a glossary aid readers' understanding of the topic. A hands-on project and career-planning chart give readers a sense of what it takes to become an engineer. Additional features include a table of contents, a selected bibliography, source notes, and an index, plus essential facts about each featured feat of engineering. Aligned to Common Core standards and correlated to state standards. Essential Library is an imprint of Abdo Publishing, a division of ABDO.

Book Information

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Customer Reviews

Gr 6 Up-Extremely tall buildings, bionic legs, and vehicles bound for Mars are among the copious examples of recent and long ago engineering accomplishments described in these substantial accounts that encourage readers to possible careers and various individuals working in these fields. Through nine chapters, each title combines history, project development, the problem-solving work of engineers, and likely future developments in the particular specialty. The numerous concluding tools include hands-on exercises with questions prompting observation and continued thought, which are mostly appropriate for middle school students (though the electrical engineering project is college level). The writing is informative and usually interesting, though a bit challenging; the books

would work well with high school and college students. These thoughtful explorations of the importance and work of engineering add depth to science and career materials for skilled readers in the upper grades.Ã Â (c) Copyright 2014. Library Journals LLC, a wholly owned subsidiary of Media Source, Inc. No redistribution permitted.

Angie Smibert is the author of several young adult science fiction novels, including theÃ Â Memento NoraÃ Â series, numerous short stories, and a several educational titles just like this one.Ã Â She was also a science writer and online training developer at NASA's Kennedy Space Center for many, many years.Ã Â She received NASA's prestigious Silver Snoopy as well as several other awards for her work.

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