

About the book

This book is meant for Air Combat students in college or university, as well as all enthusiasts in the field. It simplifies and summarizes the key concepts in Basic Fighter Maneuvers (BFMs), also known as Air Combat Maneuvers or dogfighting, and delves into the history of air combat, from its inception to the present day, and speculates on its future. It is a book for military science and technology readers that covers 1 vs. 1 air combat in military aviation.

The book explains air combat maneuvering as both a science, using scientifically proven facts, and as an art, providing guidelines based on these facts. The book is available in two formats (print and PDF) and uses illustrations to explain 1 vs. 1 air combat.

This book is dedicated to my father, Joseph Omondi Muchura.

Image of Swiss F-5 E Tiger fighter aircraft provided by Curioso Photography(<https://unsplash.com/@curioso>).

"The most important decision a man makes is what he will do in the next moment."

Quote from John Boyd, US Air Force (USAF) fighter pilot and military strategist.

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BENARD OCHIENG'

BASIC FIGHTER MANEUVERS

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The Art and Science of Air Combat



By Benard Ochieng'

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