

Supersonic Jets, ; 24 pages; 9780823960095; The Rosen Publishing Group, 2002; 2002; William Amato

This book offers a concise, applications-oriented introduction to continuum mechanics. It begins with a review of vectors and tensors and their applications to the domain and boundary integrals. The remaining chapters cover kinematics, equilibrium and kinetics, elastic solids, and Newtonian fluids. Every chapter includes numerous worked examples and problems.Â Broadband shock noise from supersonic jets is investigated through acoustic measurements in both the near and far fields. Supersonic jets travel faster than the speed of sound. These jets are designed to maintain stability and function at very high temperatures. Kids will read about the technology, history, and future of supersonic jets. Read More. Children's Interest-Transportation.Â Book Preview. Supersonic Jets - Denny Von Finn. You've reached the end of this preview. Sign up to read more! The book pictures are of NAVY SHIPS, JETS, UNITS in combat missions on the Air and Sea!Â From the first prototypes of flying machines to today's supersonic jets, the history and roles of aircraft are explored in this beautifully illustrated guide. Aviation enthusiasts of all stripes and ages will welcome learning more about key brands and big players from yesterday and today " whether it's the marvels of hot air balloons or the fantastic engines of Boeing, Lockheed, and. The following article on supersonic jets is an excerpt from Barrett Tillman's book On Wave and Wing: The 100 Year Quest to Perfect the Aircraft Carrier. It is available to order now at Amazon and Barnes & Noble. The 1950s brought immense change to carrier aviation: angled decks, mirror landing systems, steam catapults, and supersonic jets. Many early jets exceeded Mach one (760 mph at sea level) in dives, but "busting the Mach" in level flight was another matter. Loading Loading