Understanding Flight

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Quite a few aircraft in FlightGear are capable of supersonic flight. For some of them, notably modern fighter aircraft, supersonic flight does not require any specific action by the pilot. Nevertheless, it may be useful to understand why the aircraft behaves somewhat different when the speed of sound is approached. For other aircraft, such as the Concorde or the SR-71 Blackbird, operating the aircraft in supersonic flight means following elaborate climb-out
...they...develop different...intuitive way of thinking about how airplanes fly [and] delve into highspeed flight and aerodynamic testing. - - Flight Training, May, 2001. [The authors]...develop a different, more intuitive way of thinking about how airplanes fly...[and] delve into high-speed flight and aerodynamic testing. - - Flight Training, May 2001. From the Back Cover. Get to the heart of how planes fly. The purpose of a Filed Flight plan (FPL) is to provide specified information to air traffic services (ATS) units about: The type of aircraft used and some of its characteristics. An intended flight or portion of a flight of an aircraft and its flight rules. The equipment according to the operation the crew is going to conduct. ICAO Flight plan. In the IVAO network, the format chosen for building the flight plan is the ICAO standard. This ICAO flight is presented like the figure below. Start studying Understanding Flight. Learn vocabulary, terms and more with flashcards, games and other study tools. Chapter 3 (Section C) Aerodynamics of Maneuvering Flight. 27 terms. jsuire25. Other sets by this creator. Limitations. 8 terms. Terrin_Joseph.