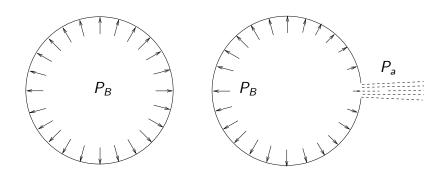
Class VII: Introduction to Aerospace Engineering

M. G. Bharath and M. Ramakrishna, Department of Aerospace Engineering, Indian Institute of Technology Madras

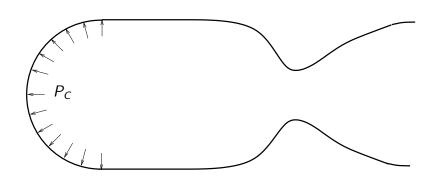
September 18, 2020



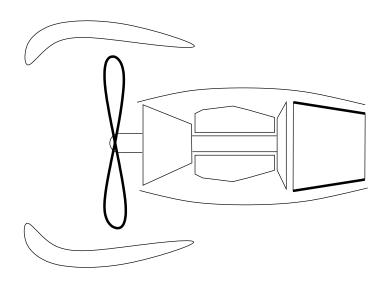
Propulsion - Force on the body



Rocket Motor



Jet engine - Turbo-Fan



- ► Air breathing non air breathing
- ► Rotary reciprocating
- ▶ internal combustion external combustion
- ▶ Propeller jet
- No bypass low bypass High bypass
- Electric propulsion