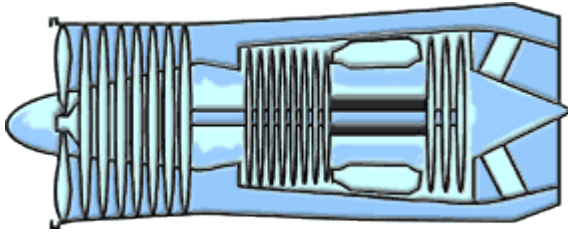


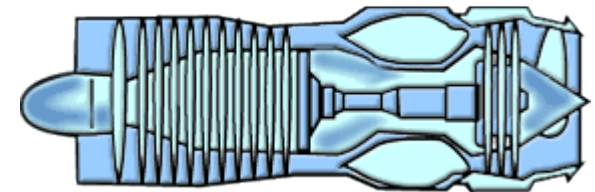
Jet engines

Types of jet engines

turbofan



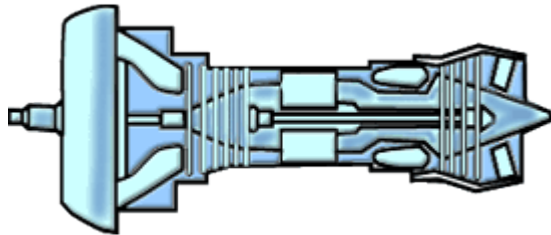
Turbojet



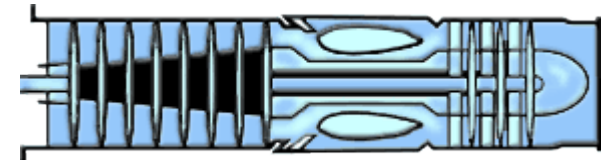
Ramjets



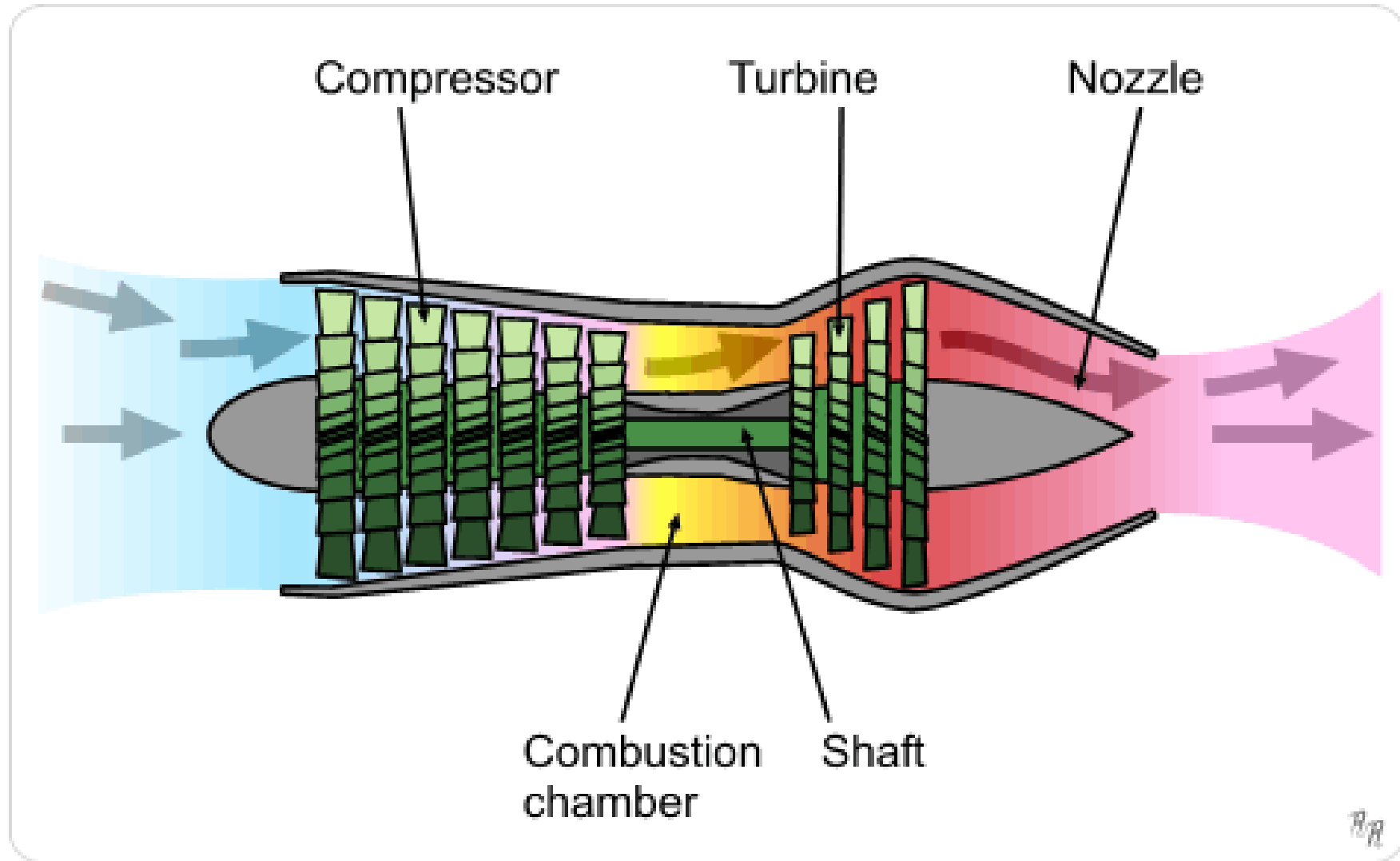
Turboprop



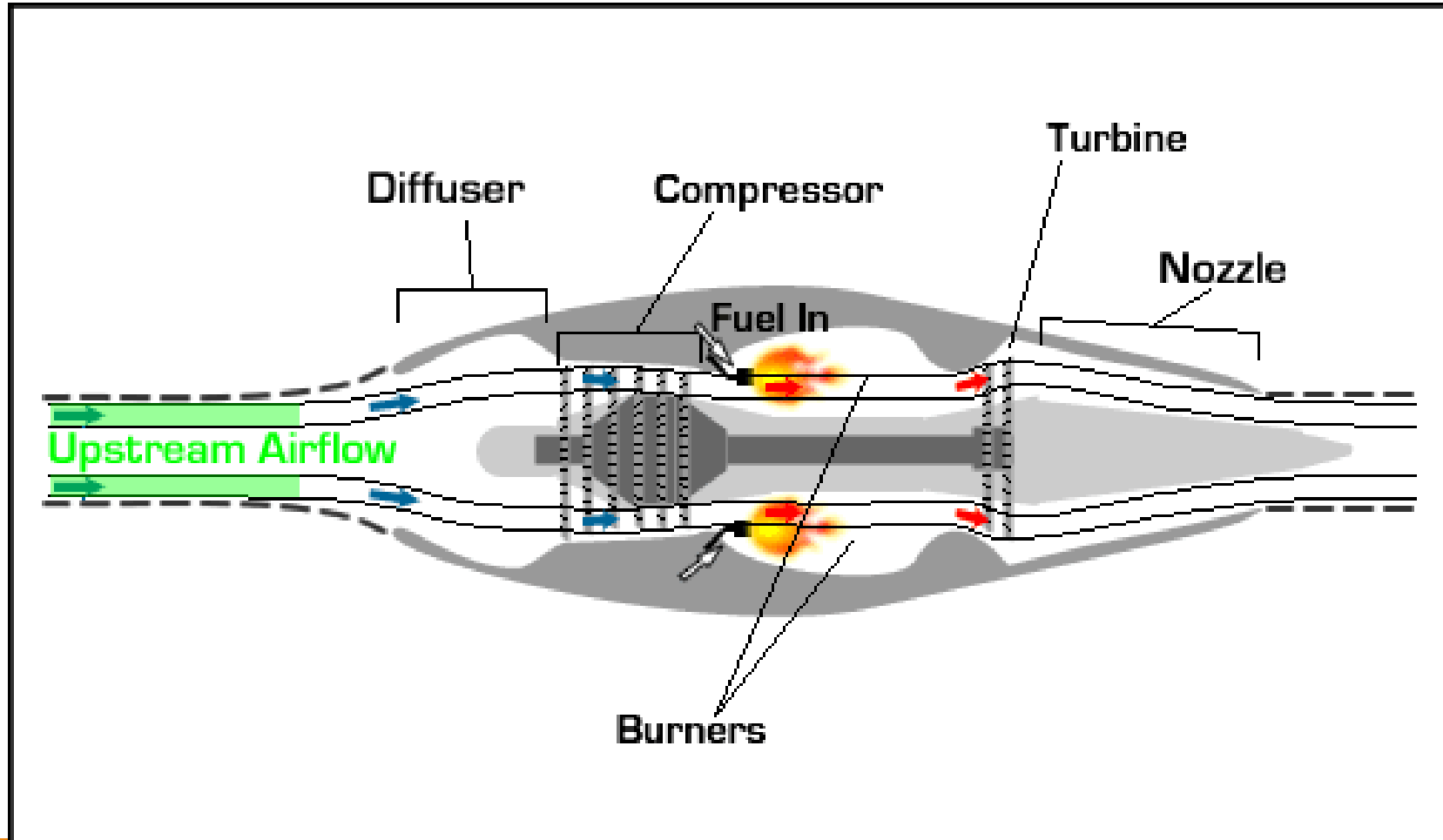
Turboshaft



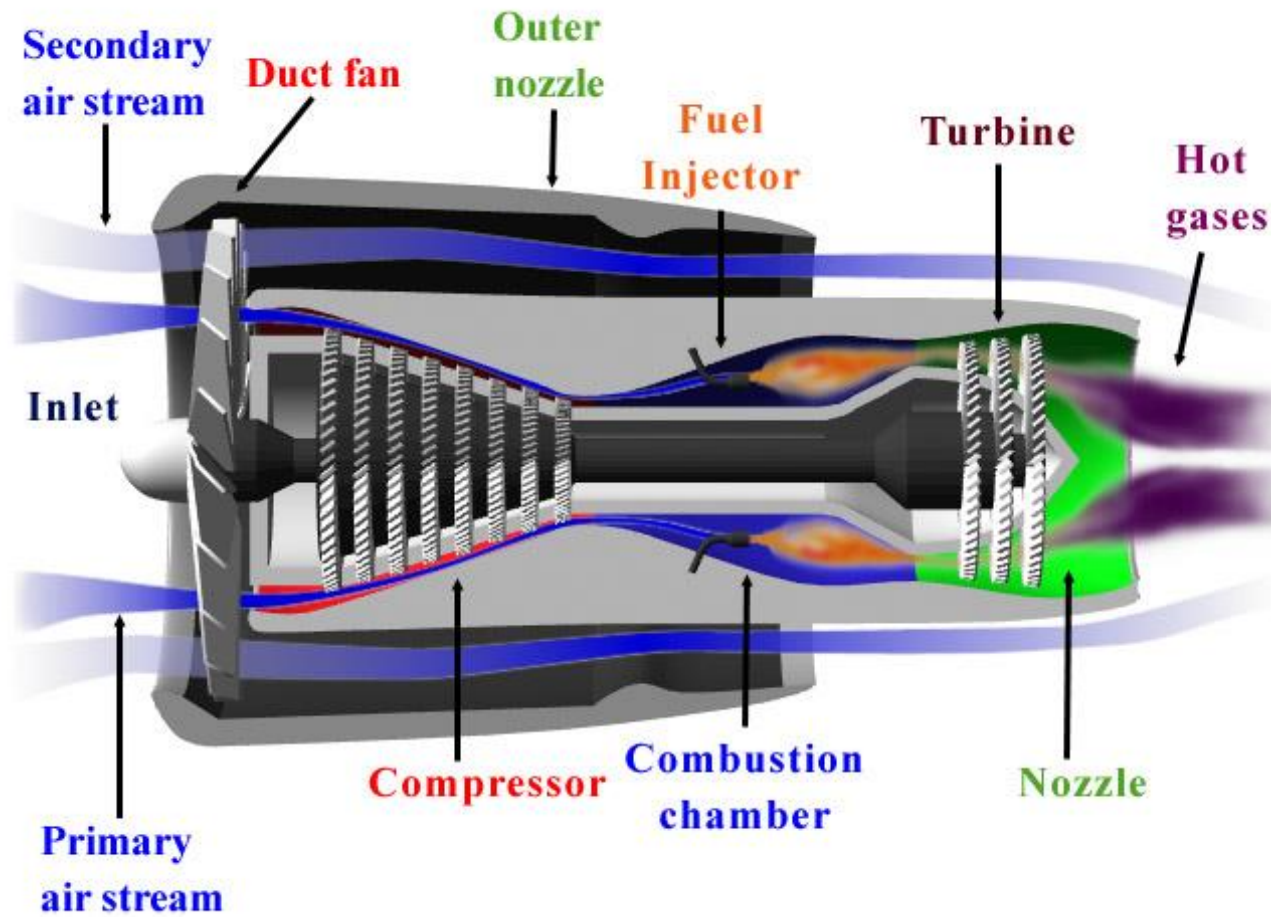
Turbojets



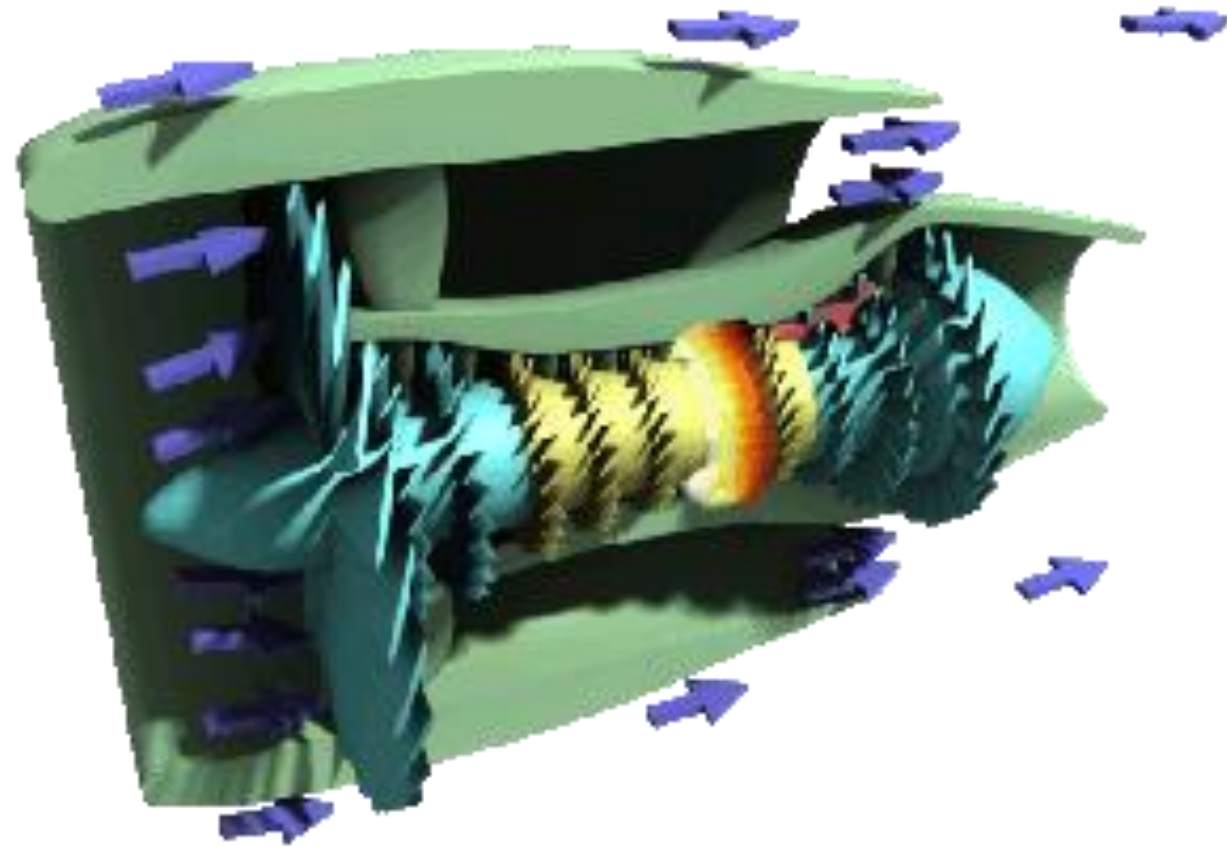
Turbojets



turbofan



turbofan



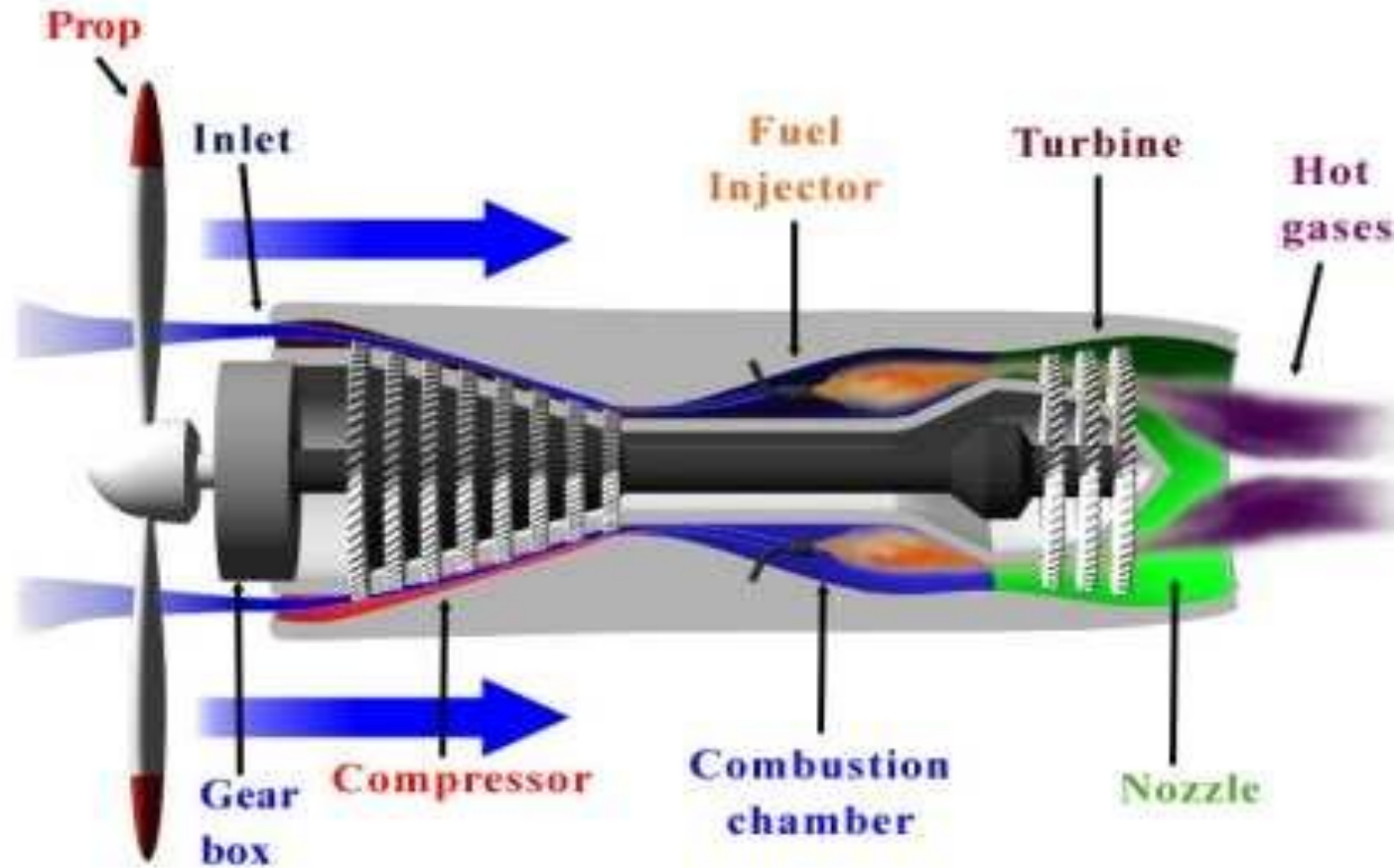
Turbofan vs turbojet

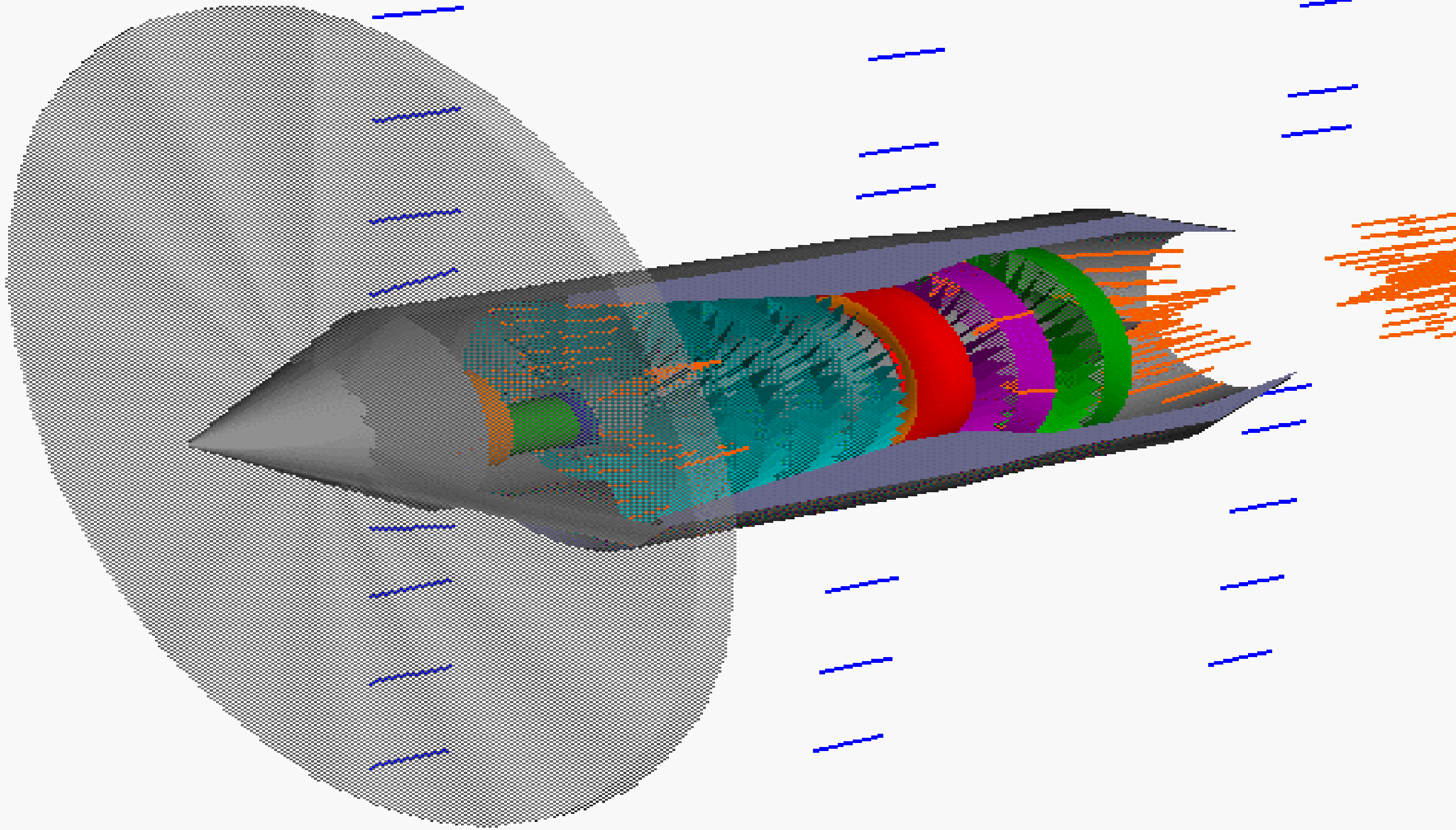
Turbofan Better in fuel efficiency ◦

Turbofan has thermal cross section less than ◦
turbojet

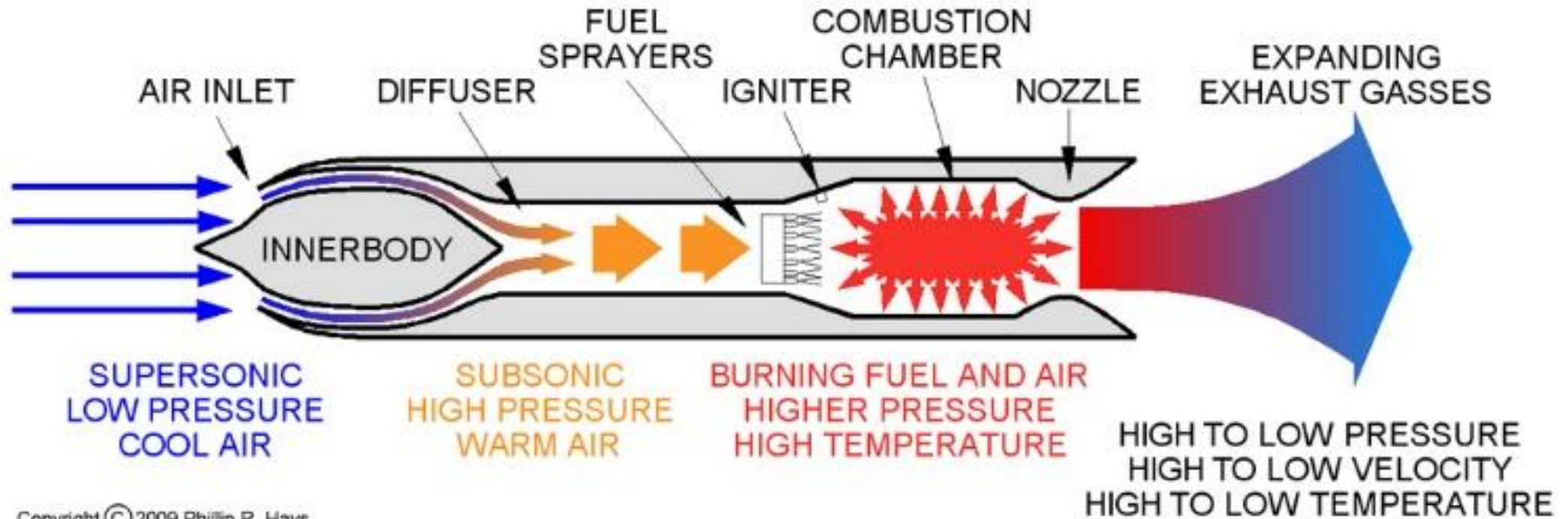
The amount of air that flow to turbofan ◦
more than turbojet with less fuel
consumption

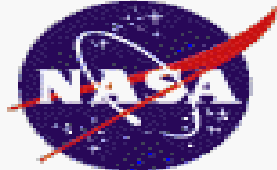
Turboprops





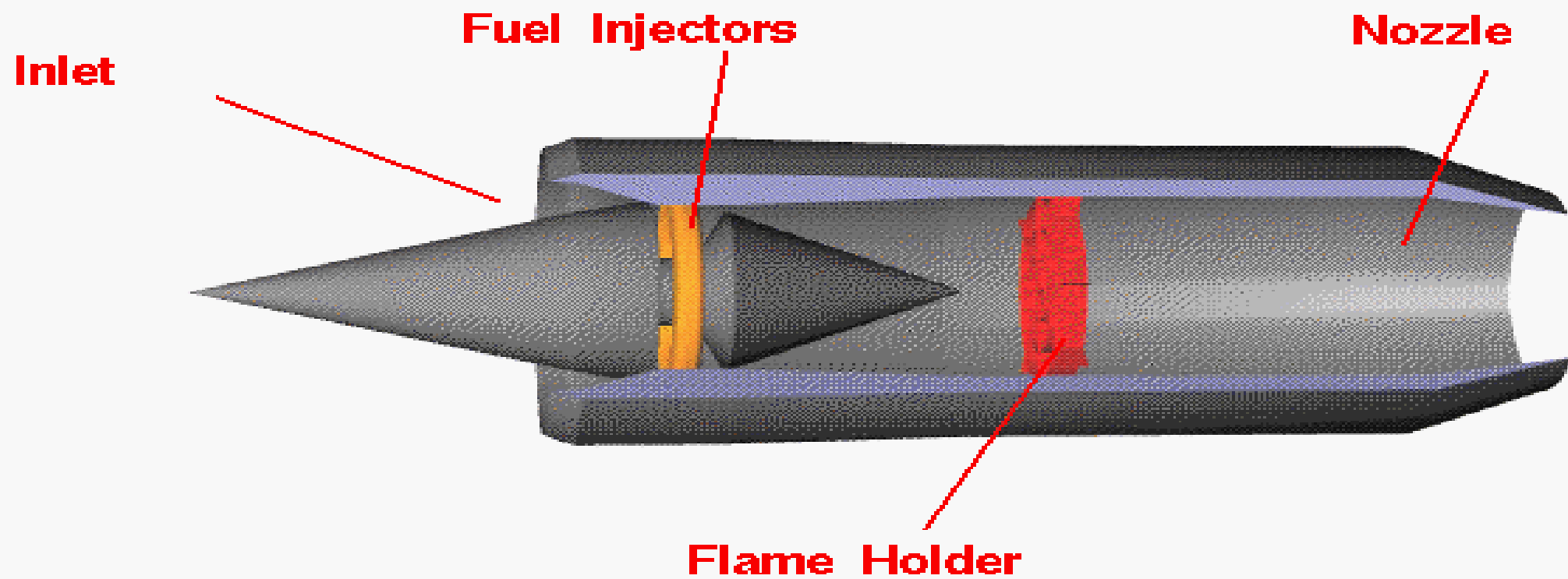
ramjet





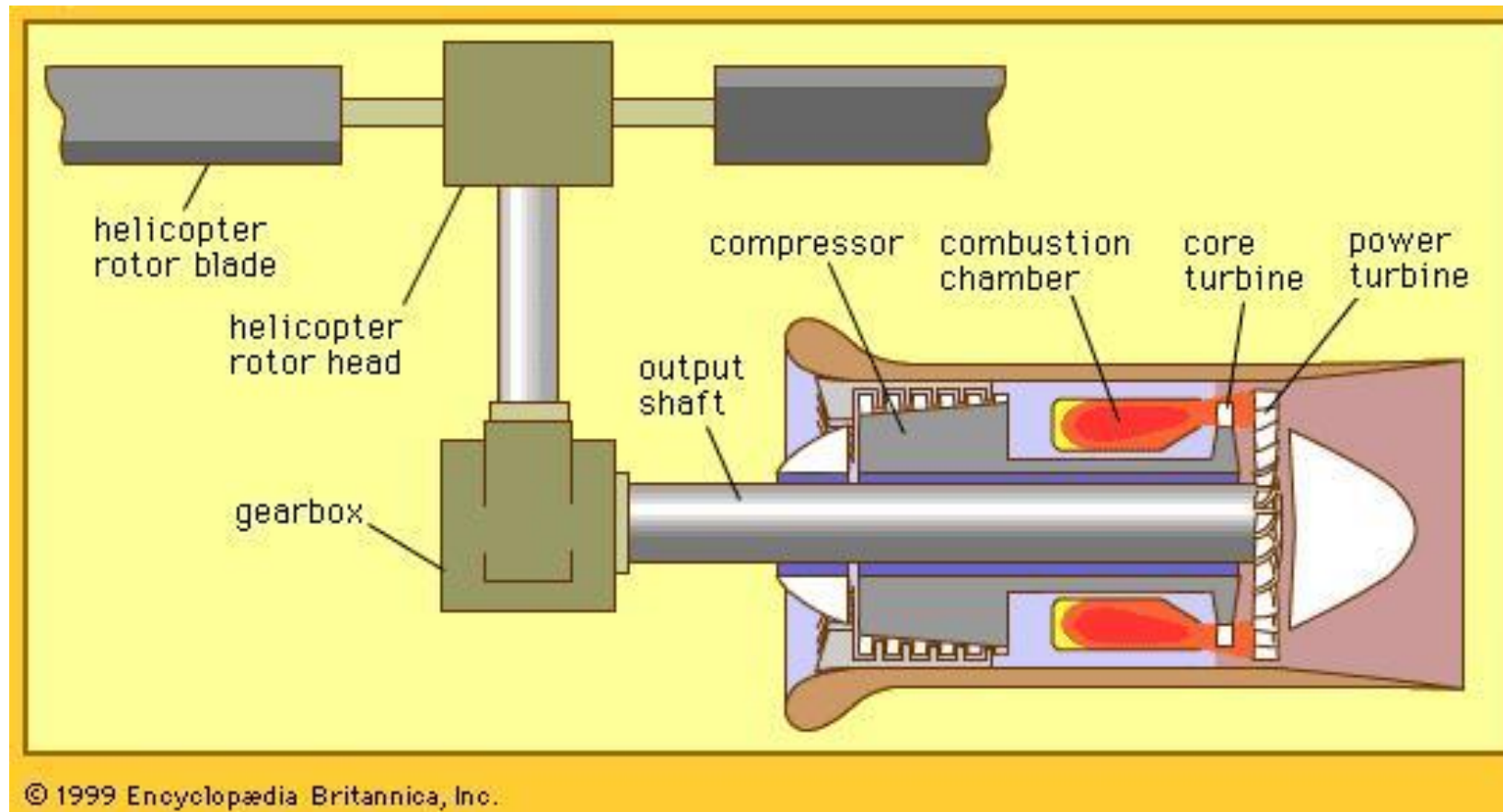
Ramjet Parts

Glenn
Research
Center

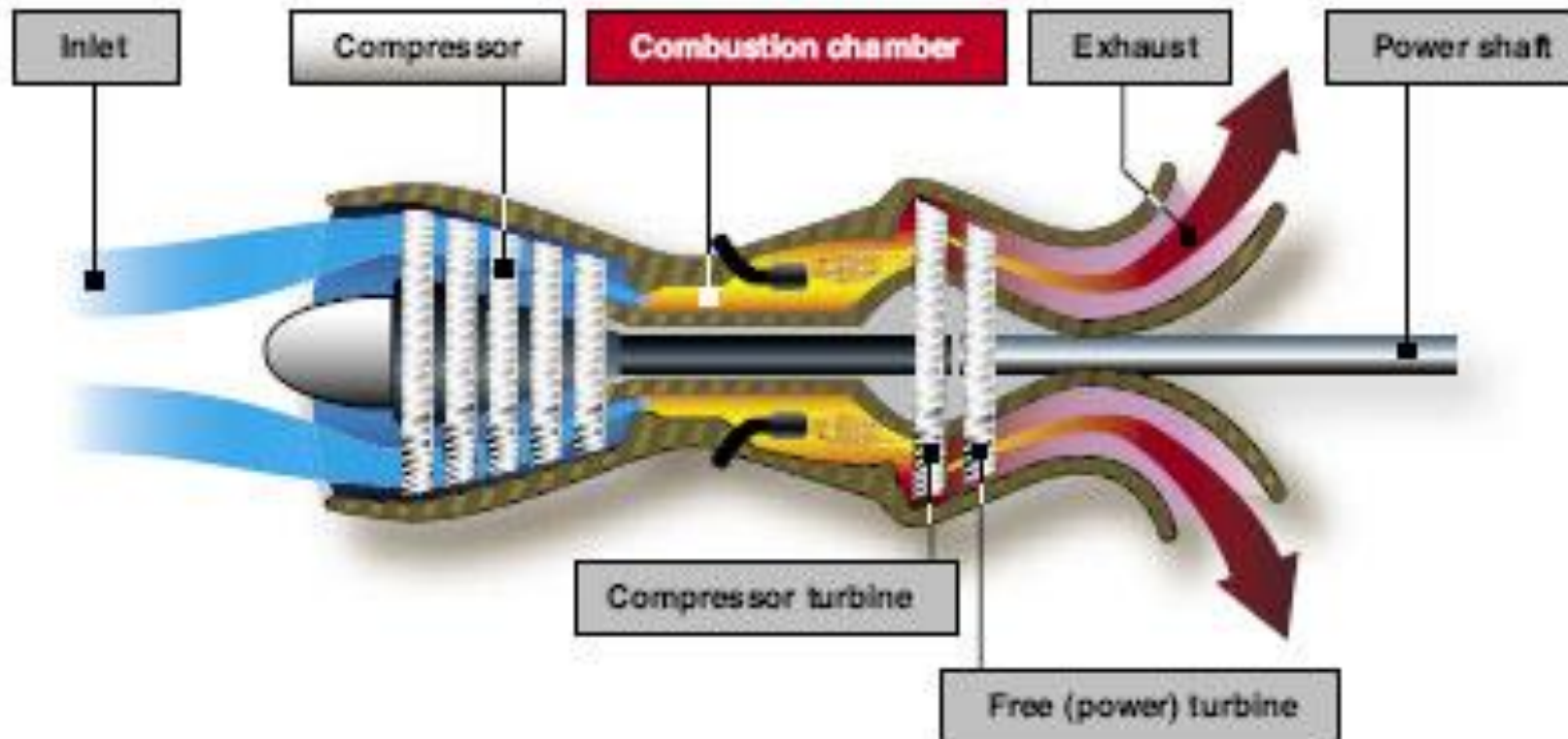


Simplified Computer Drawing

Turboshaft



Turboshaft



reference

<https://www.grc.nasa.gov/www/k-12/UEET/StudentSite/engines.html>

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