	CO ₂ emissions	NOx emissions	Contrails	Fuel Volume	Fuel + Propulsion System Mass	Supply chain / infrastructure
Liquid H ₂ fuel cell H ₂ generates electricity via an electrochemical reaction between hydrogen and oxygen, used for thrust.	★	★				<u>></u>
Liquid H2 combustion H2 is burned in a modified gas-turbine engine to generate thrust.	★					<u>></u>
Gaseous H ₂ fuel cell H ₂ generates electricity via an electrochemical reaction between hydrogen and oxygen, used for thrust.	★	★				<u>~</u>
Gaseous H ₂ combustion H ₂ is burned in a modified gas-turbine engine to generate thrust.	★	*	★			