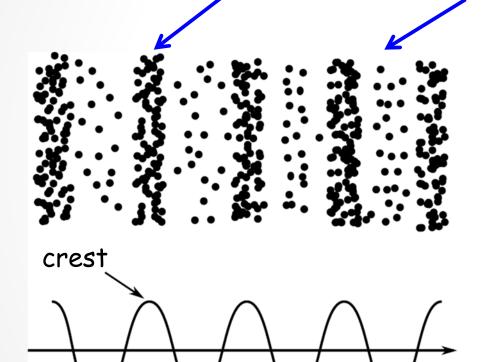


trough

What is Sound ?



Series of **Compressions** and **Rarefactions**



Wavelength = λ

Speed of sound = c (m/s)

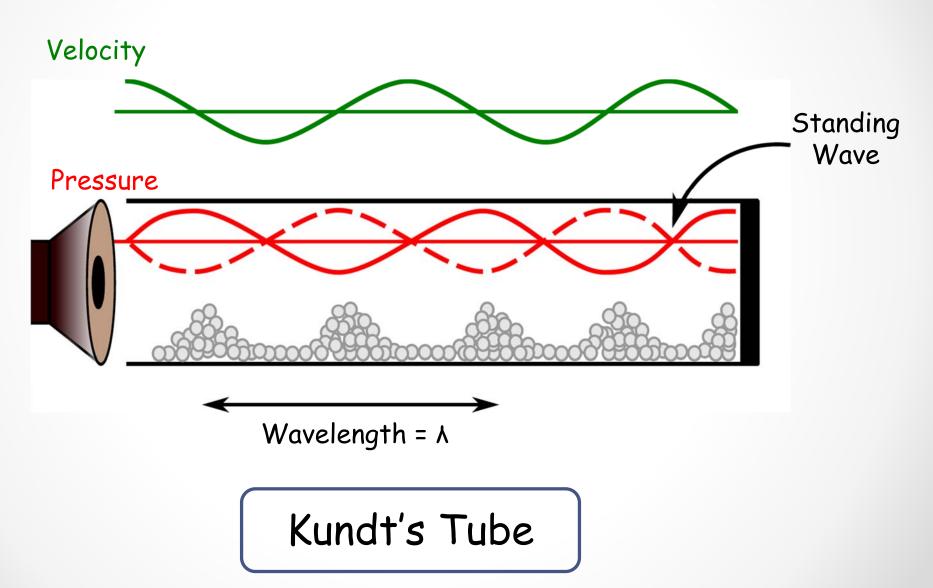
Frequency -

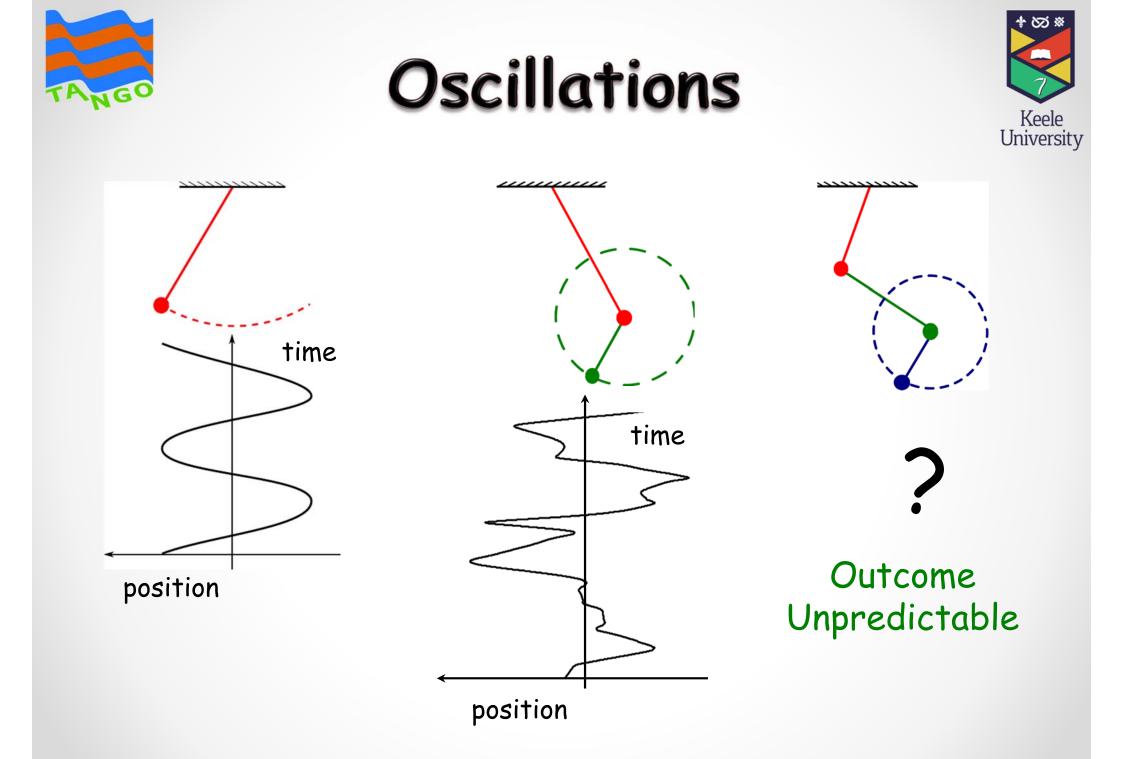
 $f = c / \lambda (Hz)$







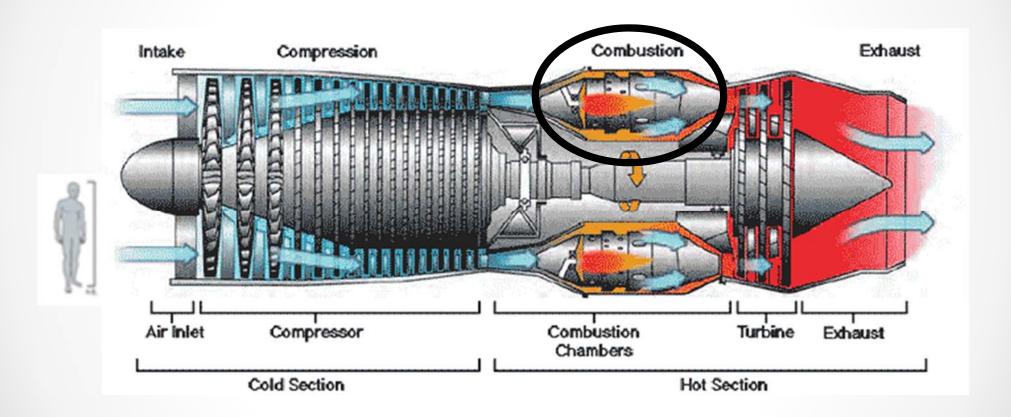




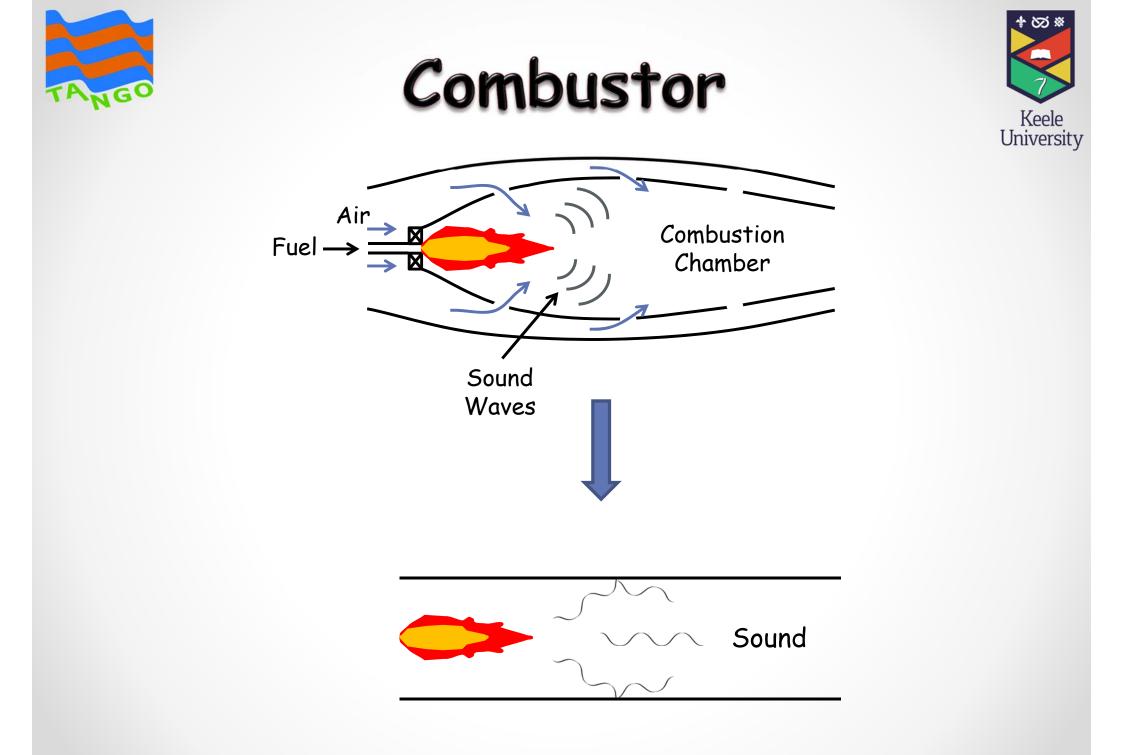


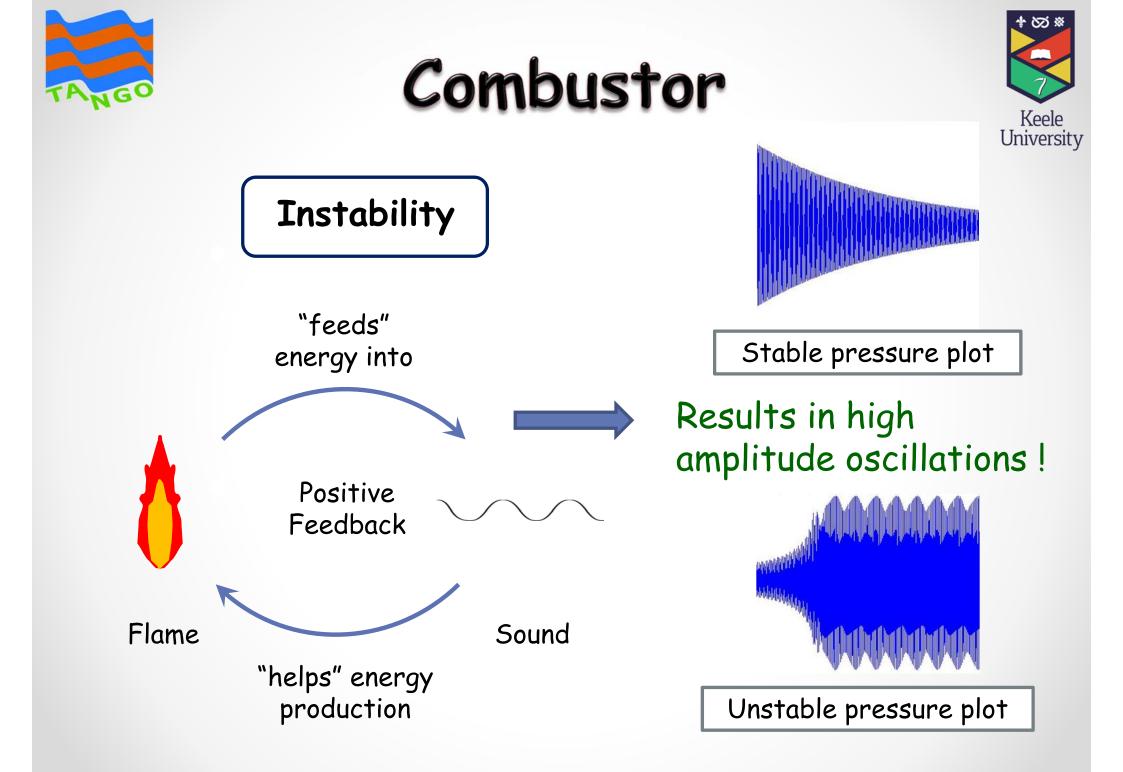
Gas Turbine Engine

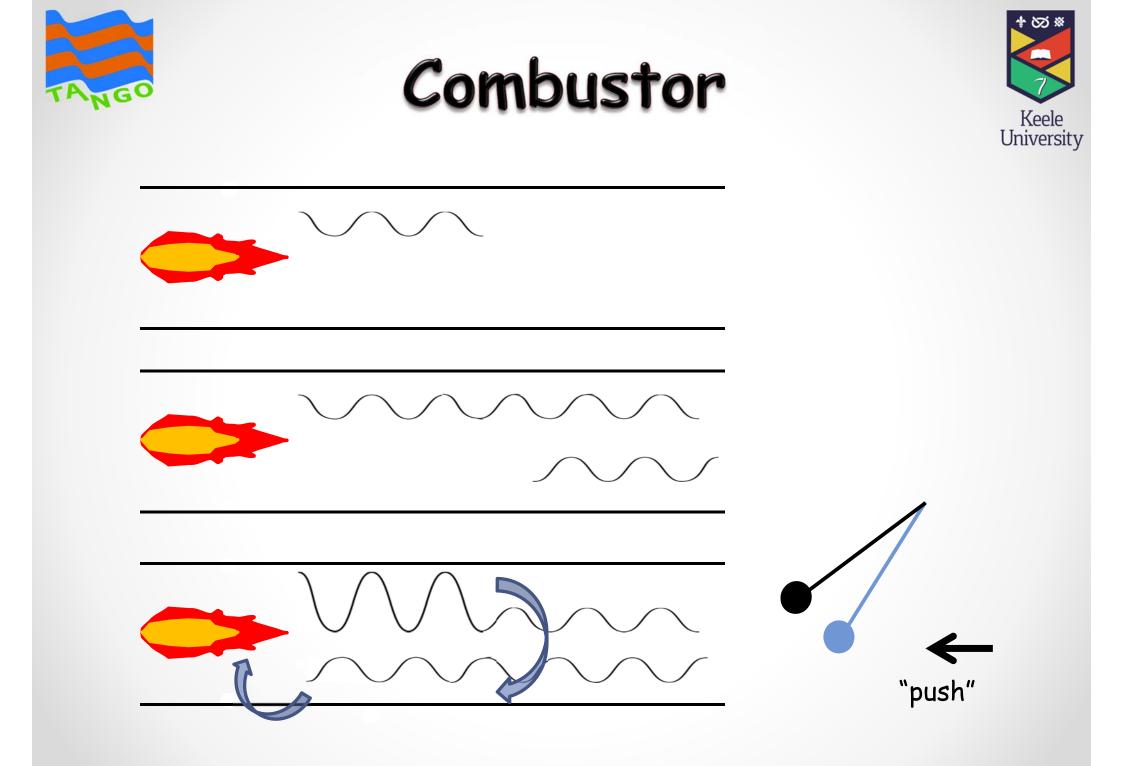


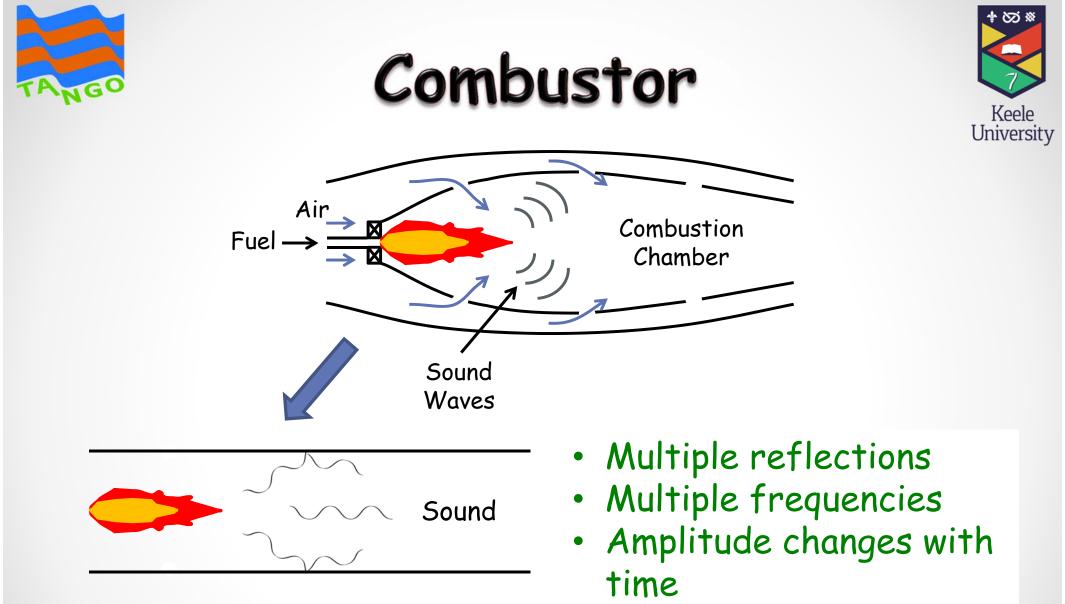


Courtesy: Federal Aviation Administration, via Wikimedia Commons









• Outcome unpredictable

COMPLEX !!!



