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List of symbols

AFR	air fuel ration
CFD	computational fluid dynamic
CO	carbon monoxide
FAR	fuel air ratio
L/D	length / diameter ratio
LES	Large Eddy Simulation
LPP	lean-premixed prevaporized
LTO	landing take-off
NOx	oxides of nitrogen
RANS	Reynolds average Navier-Stokes
SN	smoke number
T	temperature
UHC	unburned hydrocarbons
V	velocity
ΔP	pressure losses
ρ	Density

Subscripts

3	High-pressure compressor exit station
4	Combustor exit station