8. AVIC GTE; AVIC GAS TURBINE ESTABLISHMENT

中航工业涡轮院

Contribution to GRAIN2

Project coordinator

KGT1 contributor

GRAIN2

AVIC GTE– AVIC GAS TURBINE ESTABLISHMENT:

- One of leading aero-engine research institute belong to AVIC.
- Made great contribution to China's Aviation Industry, especially in engine core development and corresponding technology research for military aero-engine and civil aero-engine.

Technical contribution:

-KGT1; Reduction of emissions technologies.

- Low NOx Lean-Burn Numeric Simulation Study
- Low NOx Lean burn pollution prediction model study based on CRN technology

Projects:

-Low NOx lean burn single-dome combustor research.

-Numerical Simulation on Lean burn Low NOx Combustor.

-Research of Prediction Emission Model of Lean Burn Combustor Based on CRN.

Future activities:

-Lean pre-mixing and pre-evaporation swirling combustion instability and active control technology research..

-Prediction Emission Model Based on CRN.

-CFD Analysis.

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