

Coaxial Jets Testing

For a Single Jet Operation Mode

28-31/ March 2016

Personnel Involved:

- Test Section operator: Mr. Mohammad Samara.
- Wind tunnel operator: Dr. Yasumasa Watanabe.
- General adviser: Prof. Kojiro Suzuki.

Description:

The test represent a step in Mr. Mohammad Samara PHD project as it used to gather data in regards to the Coaxial jet model for a single Jet operation mode, the experiment uses the coaxial jet model in which have a two air inlet ports that is used to generate a central jet as well as a surrounding jet, the experiment used one of these ports at a time to create a single jet ether central or surrounding; in order to simulate a single engine operation mode for the coaxial twin engine combined cycle.

Figures for the experiment:

