9FB.05 Flow Testing

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8/15/2012
Internship Work-scope:

• Execute critical parts of PDR component flow-test plan
  o Nozzle Box–cooling hole areas
  o Piston rings-leakage effective areas
  o Fuel Nozzles (2.6 & 2.6+ tips)-swozzle slots and tip purge areas

• Use measured Aeff to make fired-test flow predictions
  o Base load and turndown load conditions
  o Total tip flow calculations
  o Total effective area calculations