

9FB.05 Flow Testing

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imagination at work

Internship Work-scope:

- Execute critical parts of PDR component flow-test plan
 - Nozzle Box-cooling hole areas
 - Piston rings-leakage effective areas
 - Fuel Nozzles (2.6 & 2.6+ tips)-swizzle slots and tip purge areas
- Use measured A_{eff} to make fired-test flow predictions
 - Base load and turndown load conditions
 - Total tip flow calculations
 - Total effective area calculations



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