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PRATT & WHITNEY AIRCRAFT

FOX PROJECT

TECHNICAL INFORMATION MEMORANDUM

SUBJECT: Subcontract Work by the Ferrotherm Co.

TIM NO. 125

DATE OF REPORT: April 20, 1955

COPIES TO: WADC-WCLPU, USAEC-EHAO, R.I. Strough,
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The Ferrotherm Company is undertaking a design study of a test radiator. Since January 21, 1955, preliminary designs of several radiators have been completed prior to the selection of one for the final design study. Ferrotherm has been given prototype design specifications for structural design, typical in-flight prototype performance specifications for core-size estimates, test core specifications for their design study, and a method whereby radiators may be evaluated. From analysis of the prototype specifications a matrix will be selected for the test core design study.

Although the analysis has narrowed to both a plate-and-sheet-metal fin and a plate-and-pin-fin core geometry, Ferrotherm is more or less committed to pin-fins.

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