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Abstract : The afterbody drag which consists of the boat-tail drag and the base drag can be a significant portion of the overall drag of an aerospace vehicle. There is a sufficiently strong need for a facility which can be used for estimating the drag of several afterbody variations of a proposed configuration with a view to minimise the overall drag. In view of this a project to design, build and test a special purpose facility for base flow/afterbody investigations in NAL was approved by ARDB. Considerable progress have been made since the inception of the project. The progress of the project during 1986-87 and the future program of work are presented in this report. Since some major components are under fabrication at the works of the contractor, it is expected that facility could be completed in 1988-89.