

23
19 February 1957.

To Aerodynamics

From T. D. Earl, Chief Aerodynamicist (Special Projects Group)

Please note the following:

1. Mogens Rand is responsible for supersonic wind tunnel testing.
2. Johan Wassenaar is responsible for the maintenance of "Test Item Criteria", and the allocation of all test numbers.
3. The attached note on Test Specifications.



T. D. Earl

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cc: Mr. J. C. M. Frost
Mr. H. C. Moody
Mr. D. C. Ferguson

Test Specifications

1. Test specifications will be submitted to USAF for all tests on both PV.704 and Project 1794. Project 1794 test specifications will be submitted to Wright Field for approval in advance of testing.

2. The work statement (the controlling contractual document) calls for test specification to contain information on

"test objectives, facility requirement, model characteristics, test conditions, instrumentation, data collection and reduction, etc."

3. Test specifications should be written to contain the following sections -

INTRODUCTION
FACILITIES
MODEL(S)
STRESS CONSIDERATIONS
INSTRUMENTATION
TEST OUTLINE
TEST PARAMETERS
CALIBRATION
TEST SCHEDULE
TEST PROCEDURE
DATA REDUCTION

Test objectives

4. Test specifications should not be written to contain test results even if they are retroactive, and should have a regular Technical report number.

5. Include adequate diagrams and illustrations. Special sketches from the illustrators are not desirable, but draw freely on those already available, and use photostat copies of all pertinent drawings.

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