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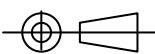
ENVR

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THIRD ANGLE PROJECTION		CUSTODIAN ENGINEERING MANAGEMENT COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION	TITLE CONTRACTOR FLIGHT DEVELOPMENT	CLASSIFICATION STANDARD PRACTICE	NAS3602 SHEET 1 OF 9
NONE			

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Documents

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ENVR

1. Scope

1.1 PURPOSE

This standard defines the general scope of Contractor managed and conducted development flight testing required on airborne systems procured by the military. The objectives of these tests are for the Contractor to develop the structural integrity and the performance and operational capabilities of his product to the point that he is satisfied that the product meets the specification requirements and is ready for Formal Military Evaluation.

1.2 National Policy

This standard recognizes and implements the national policy expressed as a priority in OMB Circular A-76 that the government shall rely primarily on the private sector for its goods and services such as Contractor Flight Development. This is direction for a Contractor to be fully responsible for total program effort without interruption. The policy sustains and improves the technology base of the aerospace private sector, promotes capital investment in the national interest and supports the principles of the free enterprise system.

LIST OF CURRENT SHEETS

NO.	REV.	NO.	REV.
1	NEW	5	NEW
2	NEW	6	NEW
3	NEW	7	NEW
4	NEW	8	NEW

CUSTODIAN: Flight Test & Operations Committee

PROCUREMENT
SPECIFICATION

None

TITLE

Contractor Flight Development

CLASSIFICATION

Standard Practice

NAS 602 Documents

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APPROVAL DATE August 1982 REVISION

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2.0 CONCEPT

The design and manufacturing process of a system is an iterative one that utilizes models, mock-ups, simulators, laboratory set-ups, inspections, etc. to derive the final product. At each step evaluations are conducted, and changes may result. The final step in this process is an evaluation wherein each sub-system is asked to perform its function in concert with other sub-systems in its intended environment. This last step, a flight test program for a system, is the final Contractor evaluation of the design suitability and manufacturing quality of his product. This step, like other previous steps is the responsibility of the Contractor and the program is complete when the Contractor is assured that the total system is ready for military test and evaluation.

The summation of the sub-system flight testing that the Contractor performs to complete this process is called the Contractor Flight Development program. This program shall proceed through a safe systematic build-up to the defined design limits and shall be complete when the Contractor has demonstrated compliance with his specification and contract terms. The customer's IOT&E requirements shall be addressed early in the Contractor's planning. To avoid duplication and to obtain an early military suitability evaluation, these tests or data requirements shall be integrated or obtained in the course of the Contractor development or specified periods of time shall be available for military tests as specified in the contract.

3.0 CONTRACTOR FLIGHT DEVELOPMENT PROGRAM

3.1 Structural Integrity

The Contractor shall conduct structural flight testing required to establish and demonstrate the structural integrity of the aircraft, rotocraft and

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