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## FORMULATION OF CONSUMABLES MANAGEMENT MODELS

14 JANUARY 1977

CONTRACT NO. NAS9-14264

# DEVELOPMENT APPROACH FOR THE MISSION PLANNING PROCESSOR

## WORKING MODEL

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Prepared by

L. C. Connelly

Systems Analysis Section





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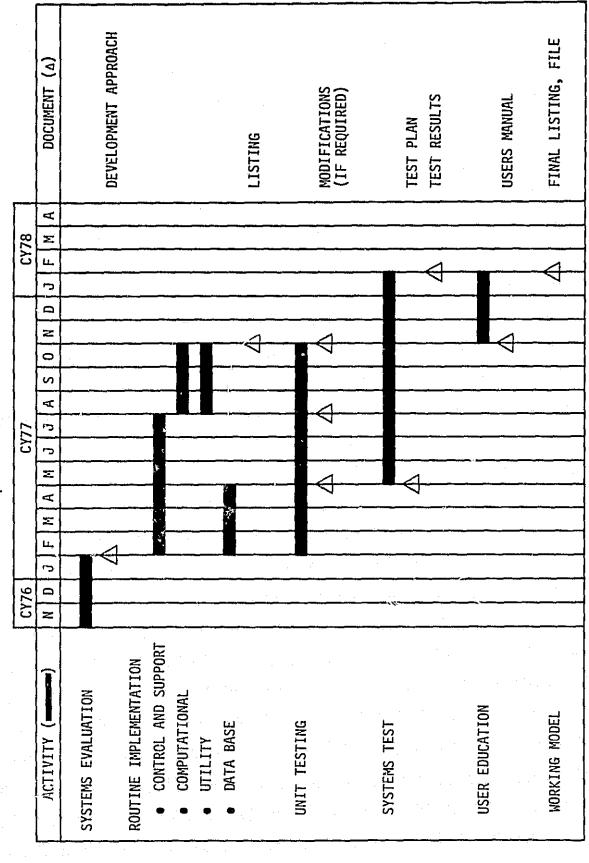
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Table VI. Mission Planning Processor Working Model: Development and Documentation Schedule



#### REFERENCES

- 1. "Functional Requirements for Ground Support of Consumables Subsystem Management," TRW Technical Report for Contract NAS 9-14264, October 1975.
- 2. Connelly, L. C.: "Formulation of Detailed Consumables Management Models for the Development (Preoperational) Period of Advanced Space Transportation System," Technical Report, Volume I, TRW Report No. 26821-H002-R0-00, November 1976.
- Zamora, M. A.: "Formulation of Detailed Consumables Management Models for the Development (Preoperational) Period of Advanced Space Transportation System," Technical Report, Volume IV, TRW Report No. 26821-H005-RO-00, November 1976.
- 4. Zamora, M. A.: "Formulation of Detailed Consumables Management Models for the Development (Preoperational) Period of Advanced Space Transportation System," Technical Report, Volume II, TRW Report No. 26821-HO-003-RO-00, November 1976.
- 5. Flynn, J. A.: "SFTRAN Users Guide," NASA/JPL, July 31, 1973.
- 6. Braley, D. M.: "Structured Fortran Pre-Compiler (SFTRAN)," NASA/JSC presentation, September 1976.
- 7. "Space Shuttle Program, Computer Systems Hardware/Software Integration, Software Development Standards," JSC 08330, September 2, 1975.
- 8. Henry, L. M.: "Software Development Procedures," TRW Technical Report, 1 April 1970 (and subsequent page updates).
- 9. Connelly, L. C.: "Formulation of Consumables Management Models Study Plan and Technical Approach," TRW Report No. 26821-H007-R0-00, 30 November 1976.
- 10. "Updated Conceptual Flight Profiles for OFT-4, OFT-5, and OFT-6," NASA/JSC IN 76-FM-35, June 2, 1976.