

#27 - Rev. 1



SATURN V PROGRAM DIRECTIVE

NUMBER: 27

SUBJECT: Saturn V Logistic Implementation Plan

ORIGINAL ISSUE DATE: Feb. 14, 1966 REVISION NUMBER: 1
DATE OF REVISION: June 30, 1966 PREPARED BY: Saturn V Systems Engineering Management Office, I-V-E, Phone 877-2905

I. PURPOSE

This Program Directive approves and authorizes a plan for aligning the Saturn V Logistics Program with the "Apollo Logistics Requirement Plan," NHB 7500.1, as implemented by the MSFC Logistics Requirement Plan.

II. SCOPE

This directive applies to all elements of MSFC engaged in Saturn V logistics management and Saturn V logistics program support for:

Flight Stages and Instrument Units from post manufacturing through launch.

MSFC provided ground support equipment for captive test firings and launch operations including post captive test firing and post launch refurbishment.

MSFC provided facilities for captive test firing sites.

III. IMPLEMENTATION PLAN

A. All elements of MSFC supporting the Saturn V Program will accomplish the requirements set forth in the Saturn V Logistic Support Plan. This implementation will be accomplished within the following constraints:

1. There must be no Saturn V Program disruption.
2. Logistic program implementation will be timed phased.
3. Maximum use will be made of existing logistic resources including personnel capabilities.
4. The Saturn V Logistic Program will be consistent with the valid intent of NHB 7500.1 and the MSFC Logistic Requirements Plan.

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B. The following Saturn V Program Policies will prevail:

1. The Saturn V Systems Engineering Management Office will through the media of detailed exhibits provide guidance for implementing adequate logistics programs. These exhibits will cover all logistics functions; i.e., logistics baseline, maintenance requirements analysis, logistics requirements summaries, material support, operations and maintenance instructions, training, transportation, and propellants and pressurant requirements. The last two requirements are governed by instructions issued by the Industrial Operations Logistics Office (I-PL).
2. The Saturn V Systems Engineering Management Office is responsible for resolving Saturn V logistics support problems, either management or technical.
3. Exceptions to, or deviations from, this plan must be coordinated with the Saturn V Systems Engineering Management Office and approved by the Saturn V Program Manager.
4. Any conflicts between the provisions of this plan and other documents are to be brought immediately to the attention of the Saturn V Systems Engineering Management Office for resolution.

IV. LOGISTICS PROGRAM MANAGEMENT RESPONSIBILITIES

A. The Saturn V Program Manager is responsible for:

1. Approval of requirements of the Saturn V Logistic Support Plan.
2. Approval of Saturn V Logistics Program deviations.
3. Approval of Logistics schedules, funding and status reports submitted to the Industrial Operations Project Logistics Office (I-PL).
4. Approval of Saturn V Logistics Program policy.

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B. The Saturn V Program Control Office is responsible for:

1. Integration of Logistics delivery requirements into the applicable Saturn V Program schedules based upon information provided by the Systems Engineering Management Office and the affected Saturn V Project Office.
2. Integration of Logistics funding requirements into the overall Saturn V Program budget, by fiscal years, based upon information furnished by the Systems Engineering Management Office through the appropriate Saturn V Project Office.
3. Monitoring expenditures of logistics funds and, in coordination with the Systems Engineering Management Office and Saturn V Project Managers, making such adjustments as may be necessary to stay within established budgetary ceilings.

C. The Saturn V Systems Engineering Management Office is responsible for:

1. Implementation of the requirements of this plan.
2. Establishment and implementation of program logistics policy and requirements.
3. Integration of all Saturn V logistics activities.
4. Saturn V Program Office representation on the Inter-Center Logistics Working Group.
5. Preparation and maintenance of this directive, the Saturn V Logistic Support Plan, the Saturn V Logistics Exhibits and program level logistics procedures and instructions.
6. Development and approval of the Saturn V Launch Vehicle System logistics baseline for MSFC equipment at KSC.
7. Review of all Saturn V logistics contract statements of work, plans, schedules, change orders, and other like logistical contractual instruments prior to their submission to the contractor.

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8. Saturn V Logistics Program schedule funding and status report to the Saturn V Program Manager.
 9. Logistics fiscal and technical management to its contractor.
 10. Logistics program guidance to Stage, Instrument Unit and Launch Vehicle Ground Support Equipment Project Offices.
- D. The Saturn V Stage and Project Office Managers are responsible for:
1. Implementation of the requirements of the Saturn V Logistics Support Plan for their respective project within the program implementation constraints.
 2. Initiation of contractual action to acquire those logistics products and services delineated in the Saturn V Logistic Support Plan and in accordance with the official implementation schedule.
 3. Providing the Saturn V Systems Engineering Management Office with visibility on their respective logistics schedules, funding and status.
 4. Fiscal and technical management of their contractor(s) logistics activities.

V. LOGISTICS PROGRAM IMPLEMENTATION

- A. The projected target date for full implementation of the Saturn V Logistic Support Plan is three months prior to the scheduled delivery of SA-504 to KSC. This time frame is selected to allow each associated Project Office to make an orderly assessment of their logistics programs and to schedule and initiate such changes as necessary to comply with the valid intent of this directive and its associated Logistic Support Plan. In recognition that fiscal and operational constraints

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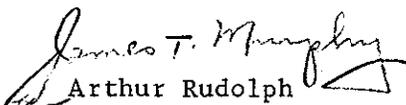
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V. LOGISTICS PROGRAM IMPLEMENTATION

A. (Continued)

may preclude any Project Office from instituting full scale implementation, any Project Office so constrained will furnish a documented request for deviation to the Saturn V Systems Engineering Management Office for review and processing to the Saturn V Program Manager for decision.

B. Program Directive No. 27, dated February 14, 1966, is rescinded.


Arthur Rudolph
Manager, Saturn V Program

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