KSC APD'S INDEX

No. 1	KSC Apollo Calibration Policy
No. 1A	KSC Apollo Calibration Policy
No. 2	Assignment of Level II and Level III CCB Chairman
No. 2A	Requirements for the Submission of Engineering Changes and Modifications to Configuration Control Boards
3 3A	KSC Apollo/Saturn Specification Requirements
No. 4A	KSC Apollo Program Schedules, Controlled Milestones and Hardware Assignments
No. 4B	" " " "
No. 4C	" " " "
No. 4D	Apollo Program Schedules, Controlled Milestones and Hardware Quantities
No. 4E	Apollo Program Schedule and Hardware Planning Guidelines and Requirements
No. 4F	" " " "
No. 4G	" " " "
No. 4H	" " " "
No. 4I	" " " "
No. 5	Policy for Reviewing and Approving the Incorporation of Program Approved Hardware and Software Changes in the AS-202 Space Vehicle and Support Equipment
No. 6	KSC Apollo Unsatisfactory Condition and Corrective Action Reporting
No. 7	Control and Documentation of All Non-Flight Hardware Items Installed on Uprated Saturn I and Saturn V Flight Stages, Instrument Units, Spacecraft and Active GSE
No. 8	Action Assignments Relative to AS-204 Accident
No. 8A	Sub-Committee Membership for Implementation of KSC Apollo Program Directive No. 8
No. 9	Apollo/Saturn Pressurized Systems and Associated GSE Fluid Compatibility Requirements

No. 10 KSC Sign-Off of Certificate of Flight Worthiness Indorsements 4 and 5

No. 11 Preparation and Management at Kennedy Space Center Test and Checkout Plans and Procedures

No. 11A Preparation and Management of Kennedy Space Center Test and Checkout Plans and Procedures

No. 12 KSC Identification for Traceability

No. 13 Summation of Post Accident Changes to Kennedy Space Center Apollo Command and Service Module Test and Launch Facilities

No. 14 AS-502/LUT-2 Service Arms Modification and Validation Schedule

No. 15 Flow and Approval of Apollo Stage, Spacecraft, and Mission Support Contractors' Reliability and Quality Assurance, Configuration Management, and Logistics Program Plans

No. 16 Reliability and Quality Assurance Auditing

No. 17 Apollo Technical Integration and Evaluation (TIE) Communications and Working Relationships

No. 18 Apollo Unsatisfactory Condition Report Closeout Requirements for KSC Hardware

No. 19 Apollo Program Equipment Cannibalization Control

AP-OPN

KSC IMPLEMENTATION STATUS Gilding the Lily

OF

MSF APOLLO PROGRAM DIRECTIVES

MSF APD's CURRENT EFFECTIVE (THROUGH APD #45):	30
MSF APD's REQUIRING KSC IMPLEMENTATION:	28
MSF APD's IMPLEMENTED BY KSC:	21
MSF APD's IN PROCESS OF IMPLMENTATION:	7

DETAILS OF STATUS

MSF APD

NO.	DATE	OPR	STATUS
17	3-31-66	AP-SCO	Under Study
37	1-17-68	AP-OPN	KMI in Process — ?
40	5-16-68	AP-PCO	Draft in Review
41	5-20-68	AP-OPN	Under Study
43	6-22-68	AP-OPN	Under Study
44	6-25-68	AP-RQA	Draft in Revision
45	8-2-68	AP-PCO	Draft in Preparation

SEP 20 1968

MASTER LIST

CURRENT MSF APOLLO PROGRAM DIRECTIVES - AS OF SEP 23 1968

No.	Subject	Date Issued	KSC Implementation	OPR*	Remarks
3	Management Assignment for for Lunar Surface Experiments Package	6 - 65	Not Req'd		
4B	Apollo Controlled Milestones and Hardware Quantities Change approval	1 - 66	KSC APD #2A	AP-PCO	See MSF APD #18
4I	Apollo Program Schedule & Hardware Planning Guidelines & Requirements (Classified)	5 - 68	(Classified)	AP-PCO	
6A	Sequence & Flow of HW Development & Key Inspection, Review & Certification Check-points	8 - 66	Multiple Documents	AP-PCO	
7	Apollo Design Certification Review	4 - 66	"KSC DCR Implementation Plan"	AP-SYS	
8	Apollo Flight Readiness Review, Part I	11-65	K-AS-05	AP-OPN	See MSF APD #15A
15A	Reporting on Flight Readiness Review (FRR) Open actions and Open Work resulting from & developing subsequent to the FRR	2 - 68	K-AS-05	AP-OPN	See MSF APD #8
17	Apollo Navigation Working Group (ANWG)	3 - 66		AP-SCO	Under Review

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CURRENT MSF APOLLO PROGRAM DIRECTIVES - AS OF SEP 23 1968

No.	Subject	Date Issued	KSC Implementation	OPR*	Remarks
18	Changes to Apollo Hardware & Software	5 - 66	KSC APD #2A	AP-SYS	See MSF APD #4B ?
19	Apollo Flight Evaluation Requirements	6 - 66	K-AS-04 K-AS-03	AP-LVO	
21	Monthly Weight & Performance Data Submittal Requirements	8 - 66	Not Required		
23	Saturn/Apollo Tank & Fluid Materials Testing Requirements	12-66	KSC APD #9	AP-SYS	Under Review
26B	Preparation of Test & Check-out Plans & Procedures at KSC	12-67	KSC APD #11A	AP-OPN	
29	Post-Accident Changes to Apollo Command & Service Module & Related Ground Facilities	7-67	KSC APD #13 & KSC APD #11	AP-SYS	
30A	Apollo TIE Communications & Working Relationships	8 - 67	KSC APD #17 KN 1230.1	AP (Noyd)	See MSF APD #42
31	Apollo System Safety Program Requirements	9 - 67	Plan dated 2-1-68	AP-SYS	
32A	Reliability & Quality Assurance Auditing	12-67	KSC APD #16 KMI 5310.1A	AP-RQA	
33A	Center Responsibilities in the Apollo Program	8-68	Various ? Varied directorate	AP-PCO	

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CURRENT MSF APOLLO PROGRAM DIRECTIVES - AS OF SEP 23 1968

No.	Subject	Date Issued	KSC Implementation	OPR*	Remarks
34	Apollo Program CCB Controls and Requirements	2 - 68	KSC APD #2A	AP-SYS	
35	Mission Assignment for Launch Vehicles 206, 207 and 503 (Classified)	12-67	(Classified)	AP-PCO	
36	Apollo Program Equipment Cannibalization Control	1 - 68	KSC APD #19	AP-PCO	
37	Control of Computer Equipment Procurement Utilizing Apollo Funds	1 - 68	ND. KMI in Process	AP-OPN	
38	Color Coding/Marking of Piping Systems at the Manned Space Flight Centers and Contractor Operated NASA Facilities	2 - 68	Standard STD-S-0004	AP-SYS	Exemption requested by ltr. dtd. 8/27/68
39	General Std'd for Pres. Pkg'g, Packing, Mrk'g, Handling & Shipping of Apollo Space Vehicle Components, Parts & Assoc. Equipment	4 - 68	KHB 4000.1 Vol. 1, Sec. 6	AP-PCO	
40	Launch Critical Spares Management	5 - 68	In Process	AP-PCO	
41	Status Reporting on Preparation of Test & Checkout Plans & Procedures	5 - 68	In Process	AP-OPN	

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CURRENT MSF APOLLO PROGRAM DIRECTIVES - AS OF SEP 23 1969

No.	Subject	Date Issued	KSC Implementation	OPR*	Remarks
42	Systems Level Technical Integration & Evaluation (TIE) Work Assignments	6 - 68	Various	AP (Noyd)	See MSF APD #30A
43	Apollo Mission Implementation Plan	6-68	In Process	AP-OPN	
44	Apollo Program Nonconformance Reporting & Corrective Action	6-68	In Process	AP-RQA	
45	Apollo Teleconference System, Responsibilities for	8-68	In Process	AP-PCO	

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OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA FPMR (41 CFR) 101-11.6

UNITED STATES GOVERNMENT

Memorandum

TO : Distribution DATE: OCT 14 1968

FROM : Executive Assistant to the Apollo Program Manager, AP

SUBJECT: Master Lists of Apollo Program Directives and Kennedy Program Directives

1. Attached are master lists of the currently effective Apollo Program Directives, Kennedy Program Directives and the status of their implementation. These lists have been prepared by AP-PCO and will be issued by them in the future at semi-monthly intervals.

2. In addition to reciting the Offices of Primary Responsibility for the recent Directives, the lists also contain designations of OPR's for older Directives which have already been implemented by KSC. The purpose of designating OPR's in such an instance is to identify the Office within AP to whom the Apollo Program Manager will look for a full and complete briefing on the Directive whenever required.

Ernest Swieda
Ernest P. Swieda

Attachments: As stated

Distribution:
Program Control Office, AP-PCO
Systems Engineering Office, AP-SYS
Launch Vehicle Office, AP-LVO
Reliability & Quality Assurance Office, AP-RQA
Operations & Support Office, AP-OPN
Apollo Spacecraft Office, AP-SCO

cc:
Apollo Program Manager, AP
Deputy Apollo Program Manager, AP

5010-108

Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

STATUS OF KSC IMPLEMENTATION - AS OF OCT 10 1968

OF

MSF APOLLO PROGRAM DIRECTIVES

NO. OF MSF APD'S CURRENTLY EFFECTIVE (THROUGH APD #45)	29
NO. OF MSF APD'S APPLICABLE TO KSC	27

STATUS OF IMPLEMENTATION

NO. OF MSF APD'S IMPLEMENTED BY KSC	22
NO. OF MSF APD'S IN PROCESS OF IMPLEMENTATION	5

DETAIL OF IMPLEMENTATIONS IN PROCESS

MSF APD NO.	DATE	OPR	STATUS
40	5-16-68	PCO	Being coordinated with Directorates
41	5-20-68	OPN	Expect cancellation of APD
43	6-22-68	OPN	Being coordinated with Directorates
44	6-25-68	RQA	To be covered by KMI
45	8-2-68	PCO	Expect KPD issue by 10/15

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CURRENT MSF APOLLO PROGRAM DIRECTIVES - AS OF OCT 10 1968

No.	Subject	Date Issued	KSC Implementation	OPR*	Remarks
3	Management Assignment for Lunar Surface Experiments Package	6-65	Not Req'd		
4B	Apollo Controlled Milestones and Hardware Quantities Change Approval	1-66	KPD #2A	AP-PCO	See MSF APD #18
4I	Apollo Program Schedule and Hardware Planning Guidelines and Requirements (Classified)	5-68	(Classified)	AP-PCO	
6A	Sequence and Flow of HW Development and Key Inspection, Review and Certification Check-Points	8-66	Multiple Documents	AP-PCO	
7	Apollo Design Certification Review	4-66	"KSC DCR Implementation Plan"	AP-SYS	
8	Apollo Flight Readiness Review, Part I	11-65	K-AS-05	AP-OPN	See MSF APD #15A
15A	Reporting on Flight Readiness Review (FRR) Open Actions and Open Work Resulting From and Developing Subsequent to the FRR	2-68	K-AS-05	AP-OPN	See MSF APD #8

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CURRENT MSF APOLLO PROGRAM DIRECTIVES - AS OF OCT 10 1968

No.	Subject	Date Issued	KSC Implementation	OPR*	Remarks
17	Apollo Navigation Working Group (ANWG)	3-66	Memo dated 9-27-68 to MSC-HA	AP-SCO	W. E. McConnell designated as KSC representative
18	Changes to Apollo Hardware and Software	5-66	KPD #2A	AP-SYS	See MSF APD #4B
19	Apollo Flight Evaluation Requirements	6-66	K-AS-04 K-AS-03	AP-LVO	
21	Monthly Weight and Performance Data Submittal Requirements	8-66	Not Required		
23	Saturn/Apollo Tank and Fluid Materials Testing Requirements	12-66	KPD #9	AP-SYS	Under review. TS requested revision.
26B	Preparation of Test and Checkout Plans and Procedures at KSC	12-67	KPD #11A	AP-OPN	
29	Post-Accident Changes to Apollo Command and Service Module and Related Ground Facilities	7-67	KPD #13 and KPD #11A	AP-SYS	
30A	Apollo TIE Communications and Working Relationships	8-67	KPD #17 KN 1230.1	AP Staff	See MSF APD #42
31	Apollo System Safety Program Requirements	9-67	Plan dated 2-1-68	AP-SYS	

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CURRENT MSF APOLLO PROGRAM DIRECTIVES - AS OF OCT 10 1968

No.	Subject	Date Issued	KSC Implementation	OPR*	Remarks
32B	Reliability and Quality Assurance Auditing	6-68	KPD #16 KMI 5310.1B	AP-RQA	
33A	Center Responsibilities in the Apollo Program	8-68	Various	AP-PCO	
34	Apollo Program CCB Controls and Requirements	2-68	KPD #2A	AP-SYS	
35	Mission Assignment for Launch Vehicles 206, 207 and 503 (Classified)	12-67	(Classified)	AP-PCO	
36	Apollo Program Equipment Cannibalization Control	1-68	KPD #19	AP-PCO	
37	Control of Computer Equipment Procurement Utilizing Apollo Funds	1-68	KMI was in process	AP-OPN	Cancelled 9/30/68
38	Color Coding/Marking of Piping Systems at the Manned Space Flight Centers and Contractor Operated NASA Facilities	2-68	Standard STD-S-0004	AP-SYS	Exemption requested by letter dated 8/27/68
39	General Std'd for Pres. Pkg'g, Packing, Mrk'g, Handling and Shipping of Apollo Space Vehicle Components, Parts and Assoc. Equipment	4-68	KHB 4000.1 Vol. 1, Sec.6	AP-PCO	

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CURRENT MSF APOLLO PROGRAM DIRECTIVES - AS OF OCT 10 1968

No.	Subject	Date Issued	KSC Implementation	OPR*	Remarks
40	Launch Critical Spares Management	5-68	In process	AP-PCO	
41	Status Reporting on Preparation of Test and Checkout Plans and Procedures	5-68	In process	AP-OPN	Expect cancellation of APD
42	Systems Level Technical Integration and Evaluation (TIE) Work Assignments	6-68	Various	AP Staff	See MSF APD #30A
43	Apollo Mission Implementation Plan	6-68	In process	AP-OPN	
44	Apollo Program Nonconformance Reporting and Corrective Action	6-68	In process	AP-RQA	To be covered by KMI prepared by QA
45	Apollo Teleconference System, Responsibilities For	8-68	In process	AP-PCO	

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CURRENT KENNEDY PROGRAM DIRECTIVES - AS OF OCT 10 1968

No.	Subject	Date Issued	Reference	OPR*	Remarks
1A	KSC Apollo Calibration Policy	1-18-67	NPC 200-2,-3	RQA	
2A	Requirements for the Submission of Engineering Changes and Modification to Configuration Control Boards	3-20-68	APD #18, 4B	SYS	
3A	KSC Apollo/Saturn Specification Requirements	10-2-67	NPC 500-1; K-AM-03	SYS	
4C	KSC Apollo Program Schedule, Controlled Milestones and Hardware Quantities - CONFIDENTIAL	7-15-66	APD #4 Series (Latest Revision)	PCO	Being revised. New working schedules issued by memo.
6	KSC Apollo Unsatisfactory Condition and Corrective Action Reporting	11-1-66	See Directive	RQA	See proposed KMI QA-68-2.
7	Control and Documentation of all Non-Flight Hardware Items Installed on Uprated Saturn I and Saturn V Flight Stages, Instrument Units, Spacecraft and Active GFE	2-16-67			OPR to be determined.
9	Apollo/Saturn Pressurized Systems and Associated GSE Fluid Compatibility Requirements	3-8-67	APD #23	SYS	

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CURRENT KENNEDY PROGRAM DIRECTIVES - AS OF [illegible]UGT 10 1968

No.	Subject	Date Issued	Reference	OPR*	Remarks
10	KSC Signoff of Certification of Flight Worthiness Endorsements 4 and 5	3-17-67	APD #6A	LVO	
11A	Preparation and Management of Kennedy Space Center Test and Checkout Plans and Procedures	12-28-67	APD #26B	OPN	
12	KSC Identification for Traceability	6-13-67	NHB 5300.1A Sect. 8	RQA	
13	Summary of Post Accident Changes to KSC Apollo Command and Service Module Test and Launch Facilities	7-17-67	APD #29	SYS	
15	Flow and Approval of Apollo Stage, Spacecraft, and Mission Support Contractors' Reliability and Quality Assurance, Configuration Management and Logistics Program Plans	9-15-67	NHB 5300.1B NHB 7500.1 NPC 500-1	PCO	
16	Reliability and Quality Assurance Auditing	10-14-67	APD #32B	RQA	See KMI 5310.1B
17	Apollo Technical Integration and Evaluation (TIE) Communications and Working Relationships	12-26-67	APD #30A	AP-Staff	

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CURRENT KENNEDY PROGRAM DIRECTIVES - AS OF OCT 10 1968

No.	Subject	Date Issued	Reference	OPR*	Remarks
18	Apollo Unsatisfactory Condition Report Closeout Requirements for KSC Hardware	11-30-67		RQA	See KPD #6 and proposed KMI QA-68-2
19	Apollo Program Equipment Cannibalization Control	2-28-68	APD #36	~~RQA~~ PCO	

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