

Vol. II 4th Edition
MANAGEMENT INFORMATION

*R. AS
P. deFries*

GEORGE C. MARSHALL **SPACE FLIGHT CENTER**
HUNTSVILLE, ALABAMA

FILE COPY

SATURN HISTORY DOCUMENT
University of Alabama Research Institute
History of Science & Technology Group

Date ----- Doc. No. -----



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**MICHOUD ASSEMBLY FACILITY
&
MISSISSIPPI TEST FACILITY**

DECEMBER 1965

MANAGEMENT INFORMATION OFFICE
EXECUTIVE STAFF
MARSHALL SPACE FLIGHT CENTER

National Aeronautics and Space Administration



saturn history
12/1/65

PREFACE

This document is the fourth edition of the management charts and photographs maintained in the Management Information Office of the Executive Staff on Michoud Assembly Facility and Mississippi Test Facility. Information on other MSFC activities and facilities will be published in separate volumes.

Contact the Management Information Office for the latest revision to charts and photographs published in this volume. This office has copies of these visuals in black and white prints and 2 x 2 (35 mm.) slides. The data bank is located in Building 4200, Room P-110 (10th floor). It is recommended that these visuals be used to the maximum extent possible for briefing material in lieu of preparing special charts.

The "Table of Contents" indicates the charts or photographs used in Dr. von Braun's, Dr. Rees', and Mr. Gorman's management information consoles.

Information for these visuals has been furnished the Management Information Office by the various offices and laboratories of MSFC. All Industrial Operations information is furnished through the Program Management Information Group of the IO Resources Management Office.

Additional information concerning this publication should be referred to I-RM-D, phone 876-5568.

MANAGEMENT INFORMATION OFFICE
EXECUTIVE STAFF, E-D
MARSHALL SPACE FLIGHT CENTER

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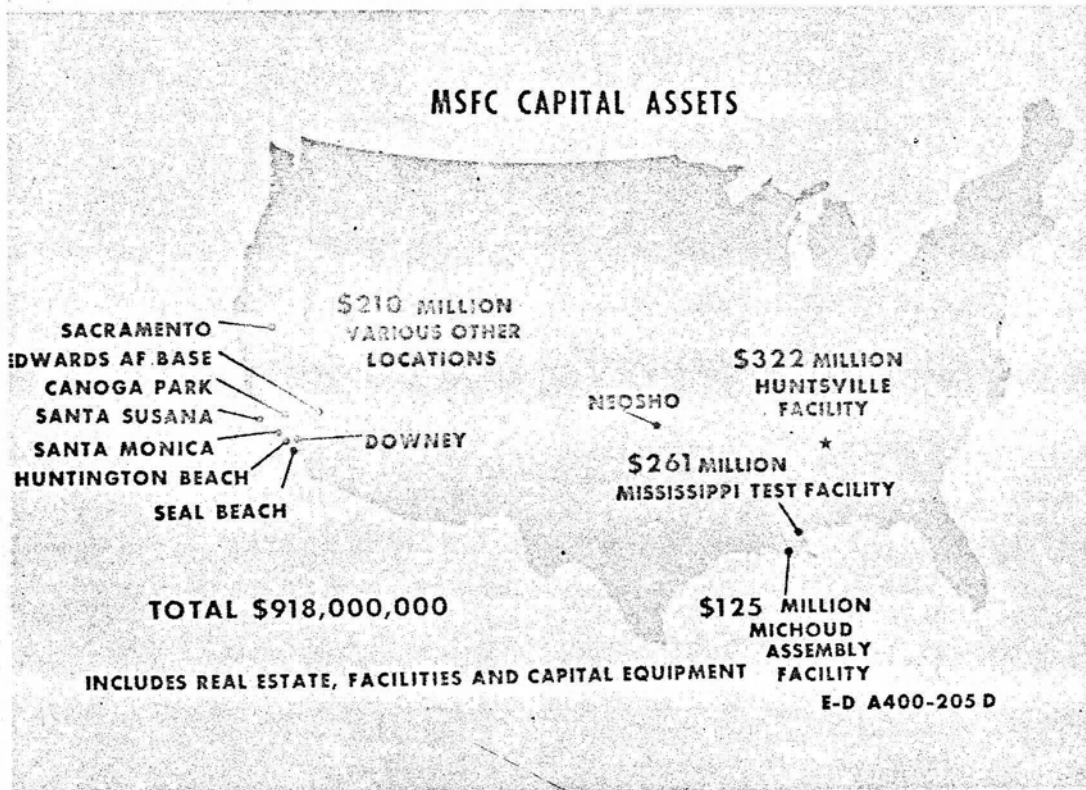
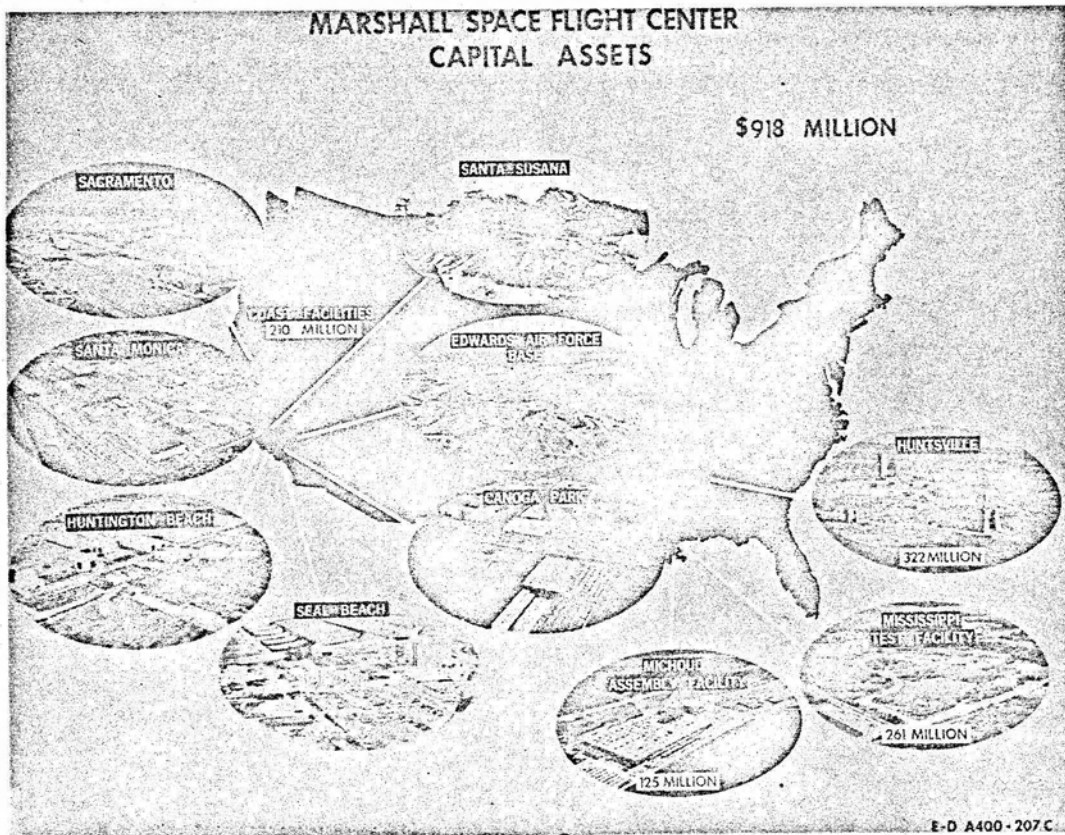
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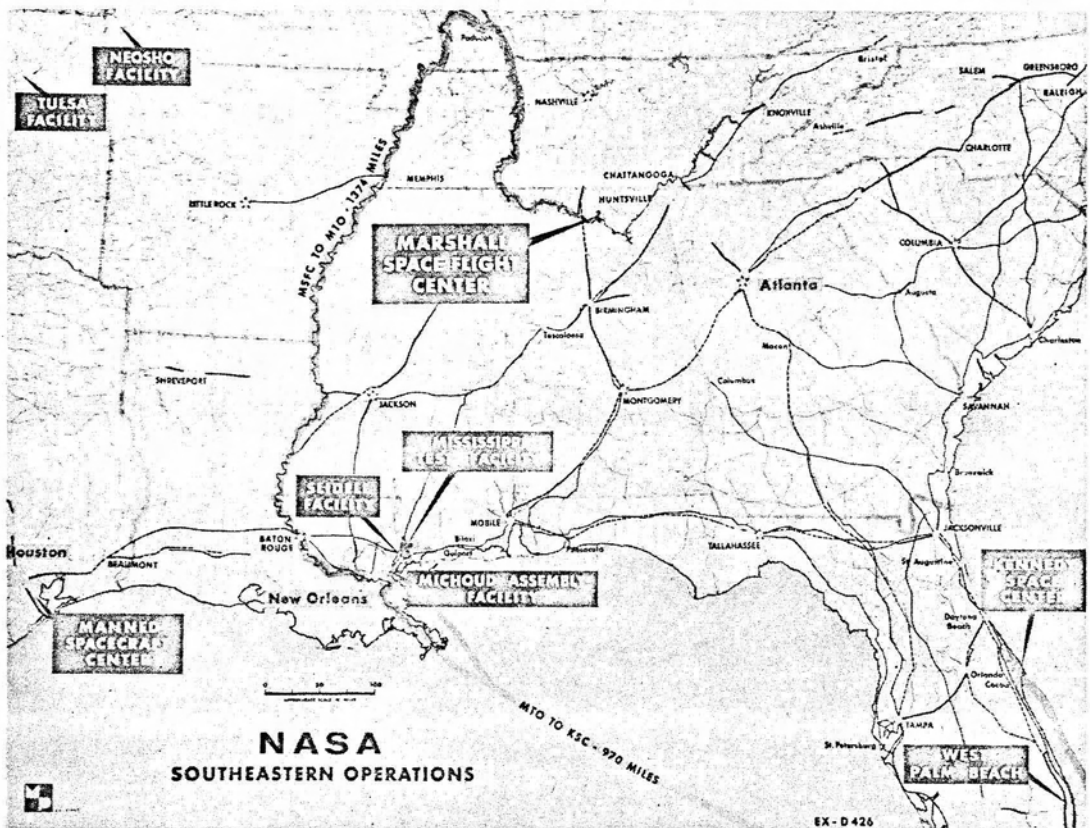
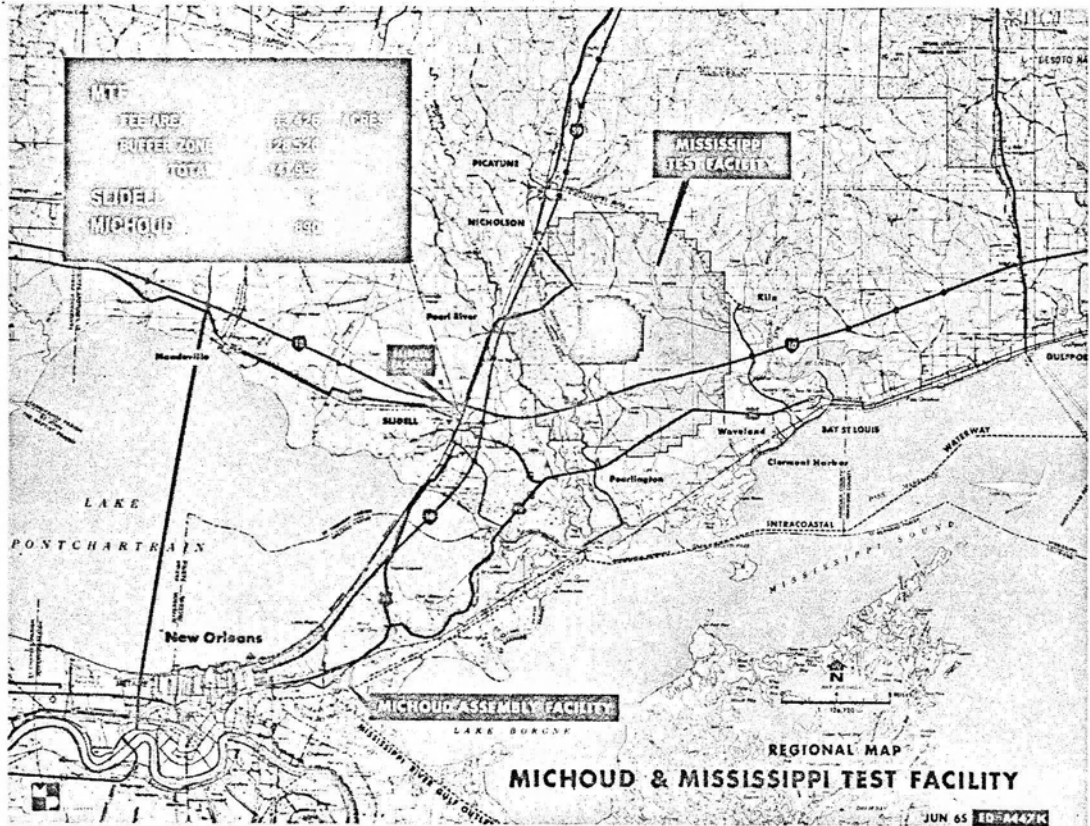
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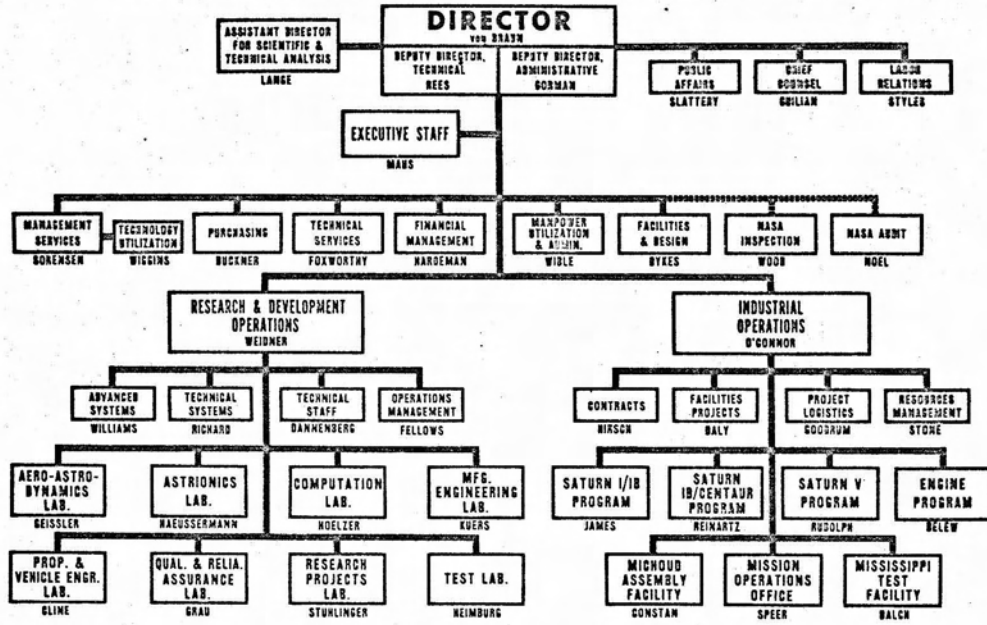
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MICHoud ASSEMBLY &
MISSISSIPPI TEST FACILITY
GENERAL



GEORGE C. MARSHALL SPACE FLIGHT CENTER



AUGUST 1965 E-9 A831 S

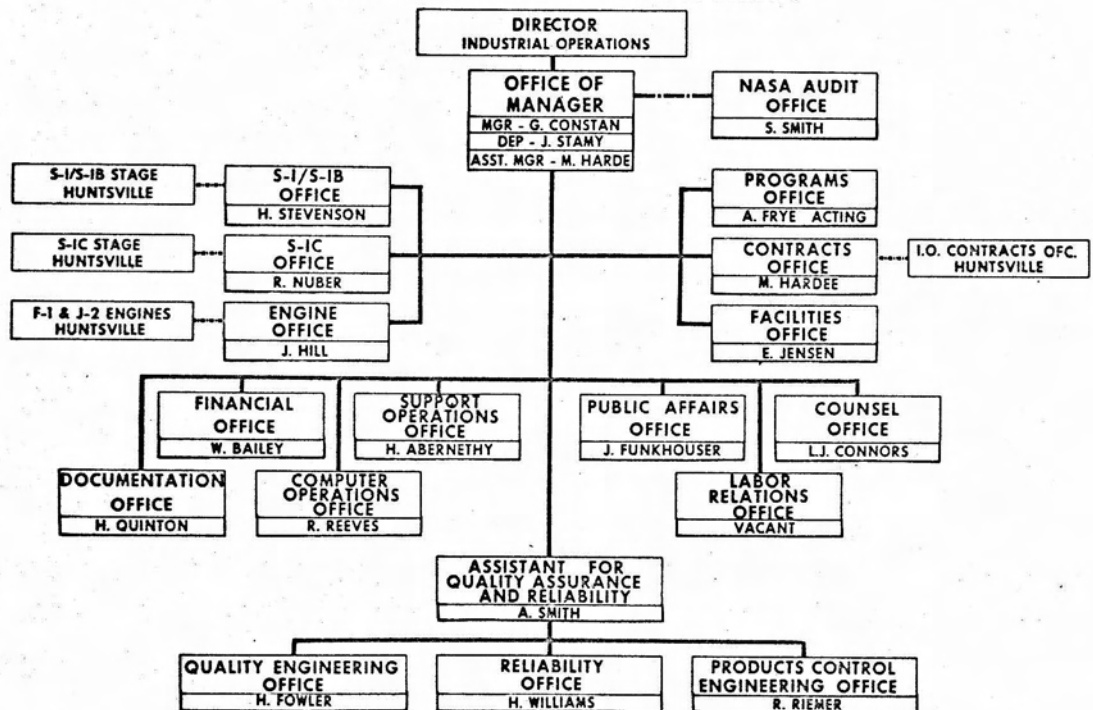
**MICHIGAN ASSEMBLY FACILITIES
GENERAL**

MICHLOUD ASSEMBLY FACILITY, NEW ORLEANS, LOUISIANA

The MSFC mission at the NASA Michoud Plant at New Orleans, Louisiana is the manufacture of the S-IB stages for the IB vehicles and the S-IC stage for the Saturn V vehicle. The Michoud plant complex covers an area of 890 acres including approximately 210,000 square feet of engineering and office space, 1,959,000 square feet of manufacturing space and 415,000 square feet of space for storage, handling and maintenance activities. The Michoud plant and facilities are owned by NASA. Two major contractors occupy portions of the plant - the Chrysler Corporation is responsible for production of the S-IB and the Boeing Company is manufacturing the S-IC stage. All support services for operation of the plant and facilities are furnished by the Mason-Rust Company under contract. Construction of facilities at Michoud is accomplished directly by MSFC. MSFC will expend approximately \$55,400,000 for construction of facilities at Michoud, using C of F and R & D funds budgeted through FY 1965.



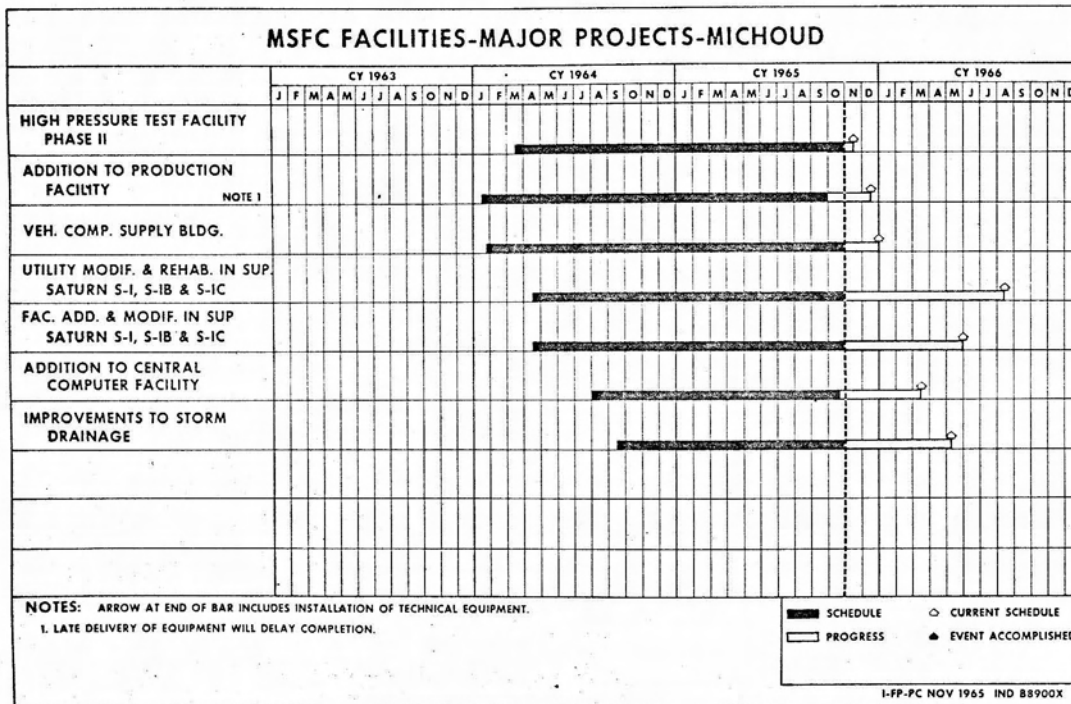
GEORGE C. MARSHALL SPACE FLIGHT CENTER
INDUSTRIAL OPERATIONS
MICHOU D ASSEMBLY FACILITY



**MSFC/MICHOUD ASSEMBLY FACILITY
SATURN LAUNCH VEHICLE PRODUCTION SCHEDULES
DELIVERY DATE TO KSC**

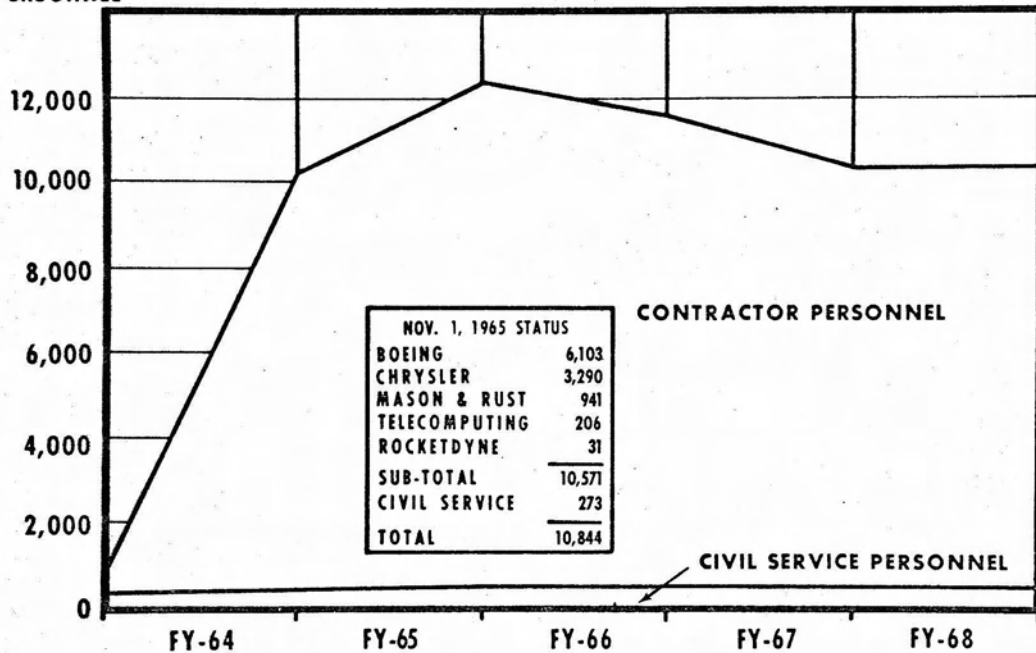
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	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N
SATURN I, S-I	COMPLETED																																																																
SATURN IB, S-IB	1	2	3	4	5	6	7	8	9	10	11	12																																																					
SATURN V, S-IC																						3	4	5	6	7	8	9	10	11	12	13	14	15																															

I-RM-D IND 88916D



MICHOUD PERSONNEL TREND

NO. PERSONNEL



NOTES:

1. EXCLUDES CONSTRUCTION PERSONNEL
2. CONSIDERS EXISTING PROJECTS ONLY

NOV. 1, 1965 E-D B 500-2 N

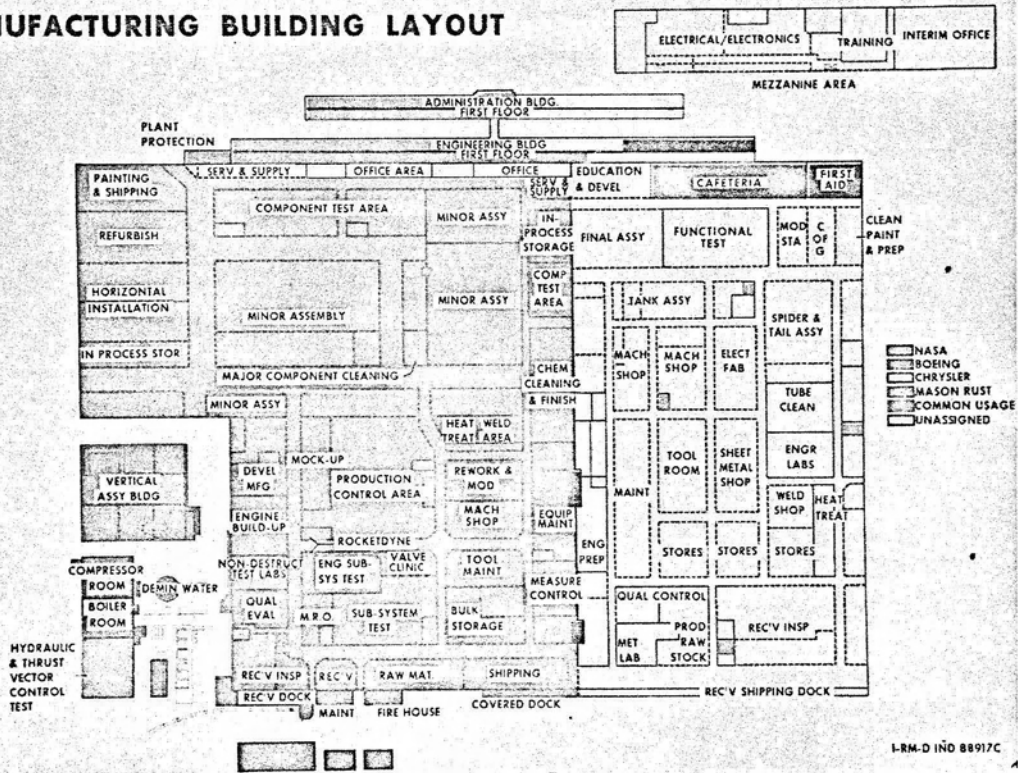
MSFC - MICHOUD ASSEMBLY FACILITY GENERAL DATA

FACILITIES		STAGE ASSEMBLY STATUS	
BUILDINGS OR AREAS	SQUARE FEET	STAGE	STATUS
ADMINISTRATION BUILDING	90,010	S-IB-1	PRE-LAUNCH CHECKOUT AT KSC
ENGINEERING BUILDING	119,807	S-IB-2	POST-STATIC CHECKOUT
ENGINEERING & OFFICE BUILDING	571,070	S-IB-3	STATIC FIRING OPERATIONS, MSFC
MANUFACTURING BUILDINGS	1,958,762	S-IB-4	PRESTATIC CHECKOUT
TRANSPORTATION BUILDING	12,850	S-IB-5	ASSEMBLY
MAINTENANCE SUPPLY BUILDING	34,661	S-IB-6	FABRICATION
MISCELLANEOUS	126,419	S-IB-7	FABRICATION
TOTAL	3,282,777	S-IC-D	DELIVERED TO MSFC
CAPITAL VALUE-FACILITIES & EQUIPMENT		S-IC-F	HORIZONTAL INSTALLATION
S-IC (BOEING FUNDED)		S-IC-3	STAGE ASSEMBLY OPERATIONS
FACILITIES	\$21,321,000	S-IC-4	SUB-ASSEMBLY OPERATIONS
EQUIPMENT	\$21,735,000	S-IC-5	SUB-ASSEMBLY OPERATIONS
S-IB (CHRYSLER FUNDED)		SLIDELL COMPUTER FACILITY	
FACILITIES	\$7,291,000	FACILITIES*	
EQUIPMENT	\$11,350,000	COMPUTER BUILDING	59,497 sq. ft.
MSFC FUNDED		MAINTENANCE AREA	2,902 sq. ft.
FACILITIES	\$24,155,000	LAND	14 acres
PERSONNEL		PERSONNEL	
CIVIL SERVICE	269	CIVIL SERVICE	8
BOEING	6,125	TELECOMPUTING INC.	207
CHRYSLER	3,274	CONTRACT VALUE	
MASON-RUST	939	BOEING (DESIGN, MANUFACTURE, ASSEMBLE & TEST TO S-IC STAGES.)	\$773,720,000
CONTRACT VALUE		CHRYSLER (MANUFACTURE, ASSEMBLE & TEST 2 S-I & 12 S-IB STAGES.)	\$343,360,000
BOEING (DESIGN, MANUFACTURE, ASSEMBLE & TEST TO S-IC STAGES.)	\$773,720,000	MASON-RUST (PROVIDE COMMON SERVICES TO GOVT. & CONTRACTORS ASSIGNED TO MICHOUD.)	\$50,590,000
CHRYSLER (MANUFACTURE, ASSEMBLE & TEST 2 S-I & 12 S-IB STAGES.)	\$343,360,000	CONTRACT VALUE TELECOMPUTING SERVICES INC. (OPERATE CENTRAL COMPUTER FACILITY SUPPORTING MICHOUD AND MTO)	\$4,328,000
MASON-RUST (PROVIDE COMMON SERVICES TO GOVT. & CONTRACTORS ASSIGNED TO MICHOUD.)	\$50,590,000		

* ADDITIONAL 40,000+ Sq. Ft. BEING CONSTRUCTED. SCHEDULED COMPLETION DATE MAR 1966

I-RM-D OCT 11, 1965 IND 8902J

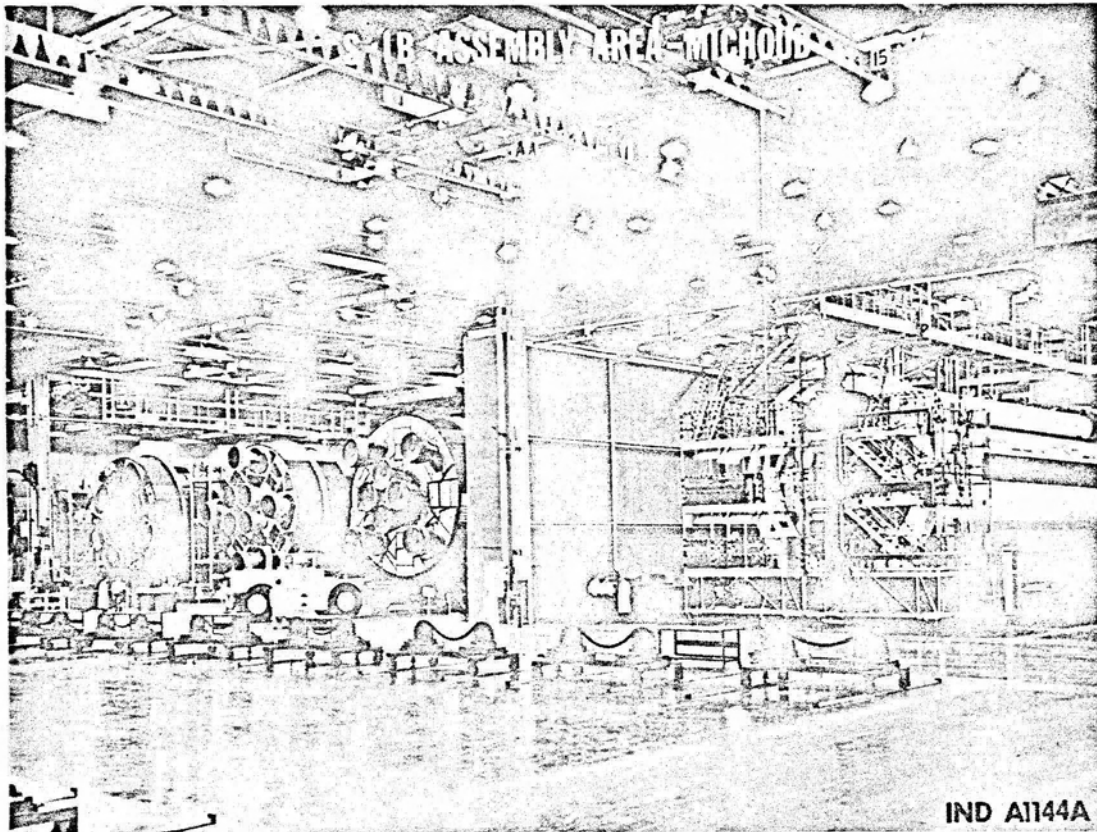
MICHOUD ASSEMBLY FACILITIES MANUFACTURING BUILDING LAYOUT



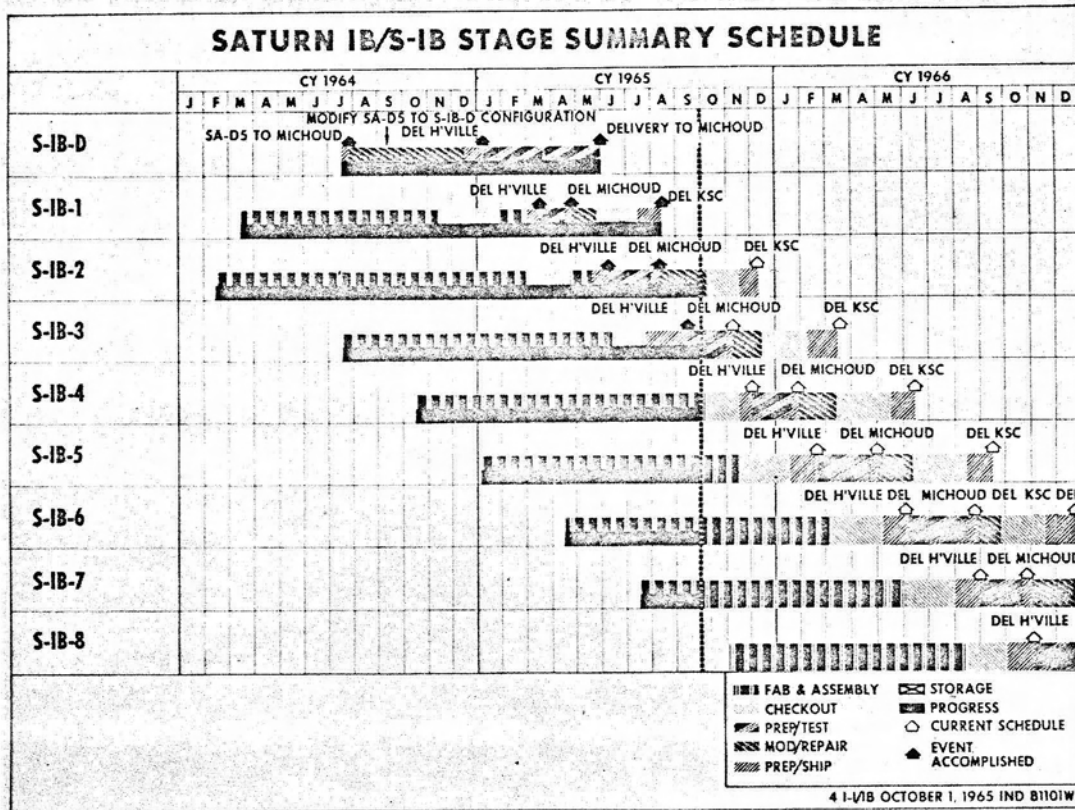
MICHOUD ASSEMBLY FACILITY

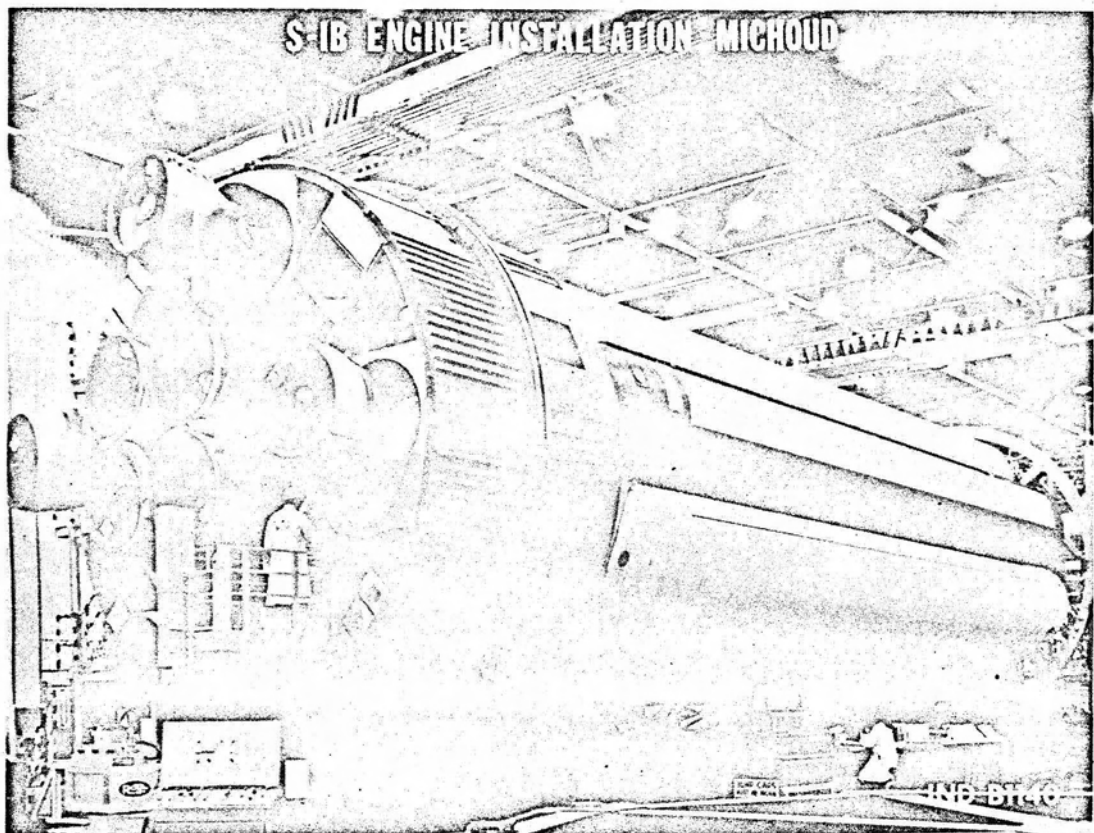
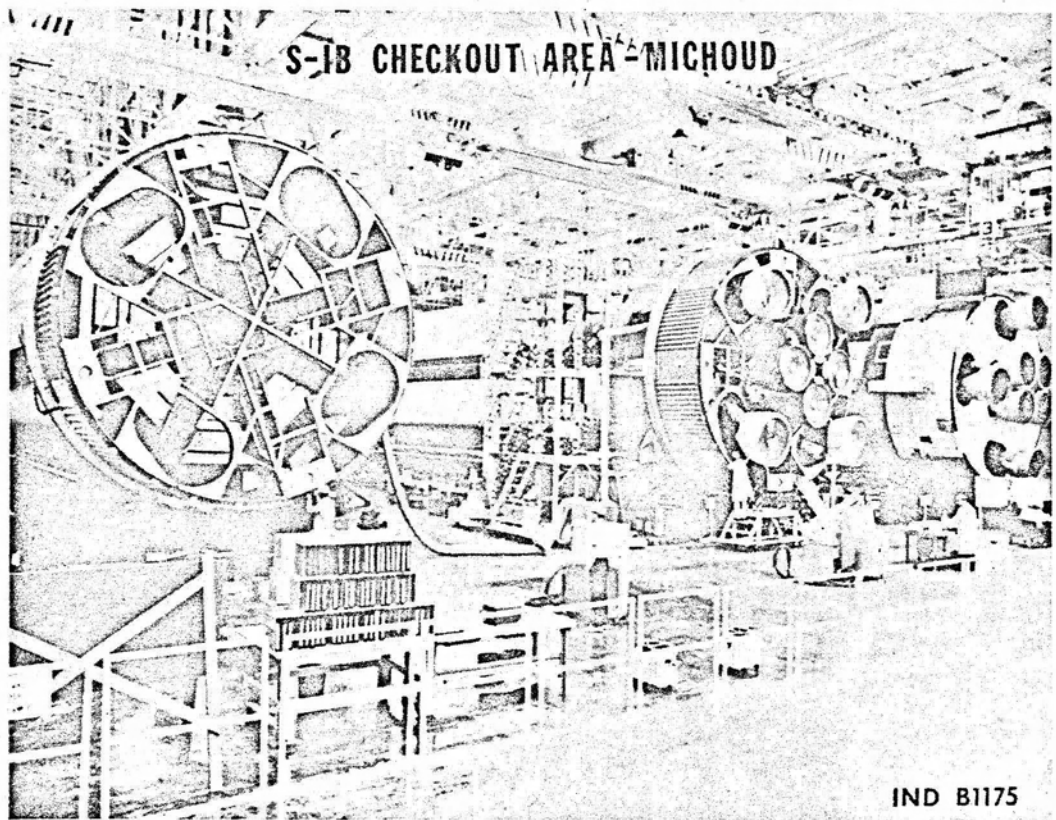
S-18 PRODUCTION

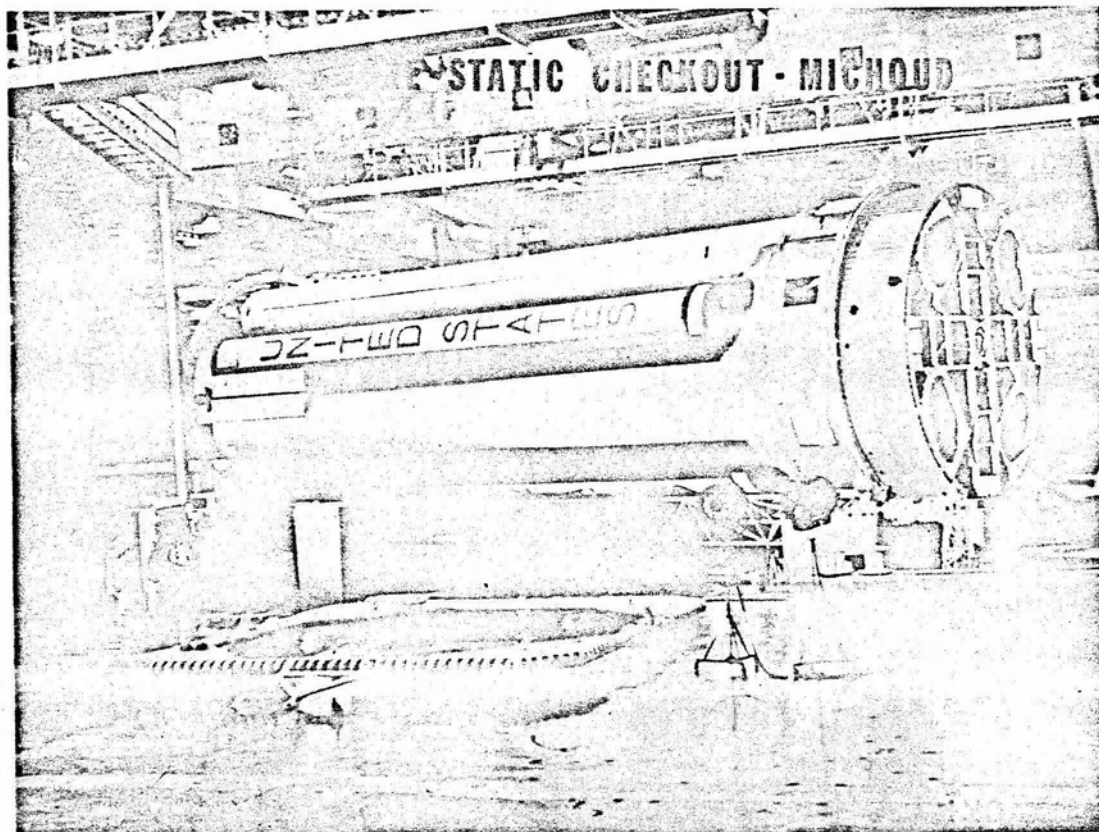
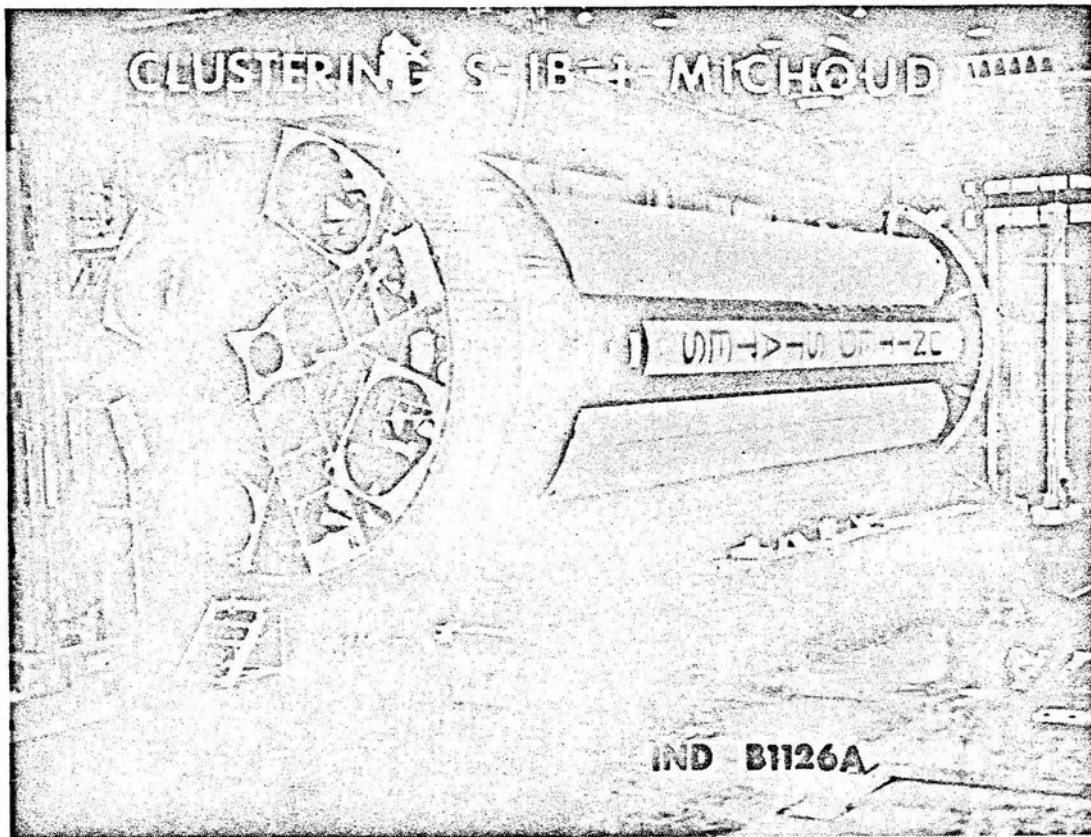
CHRYSLER

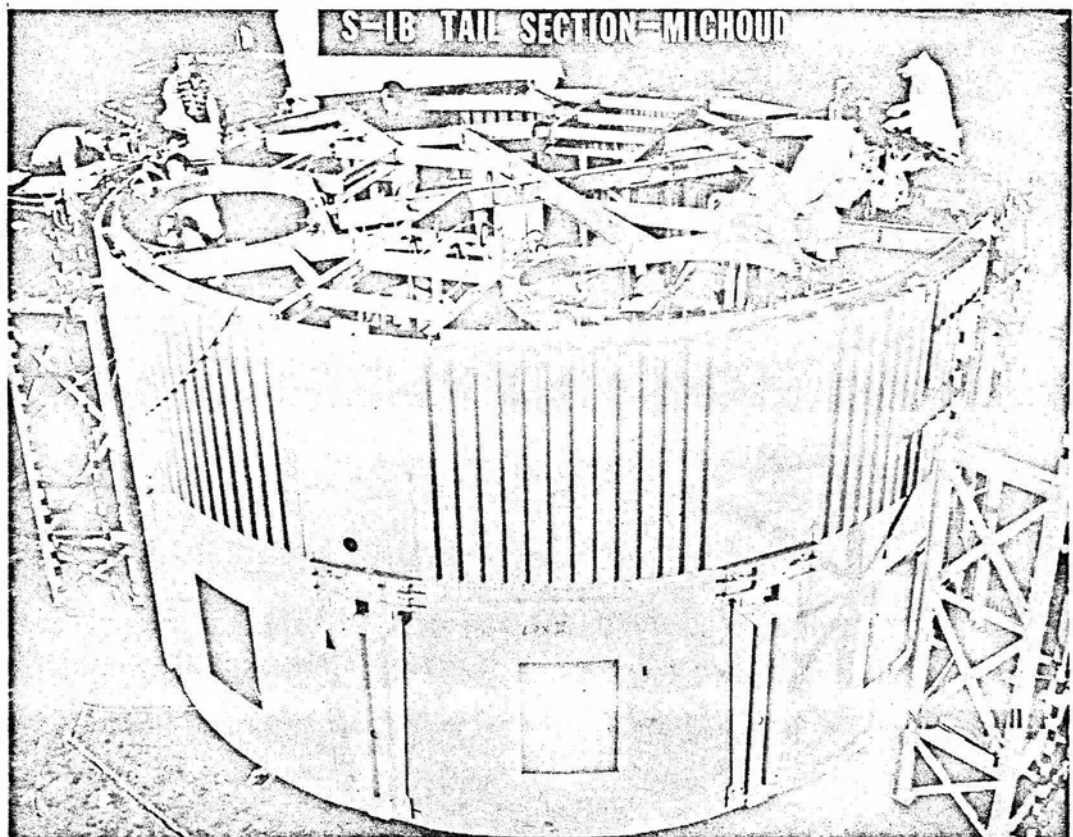
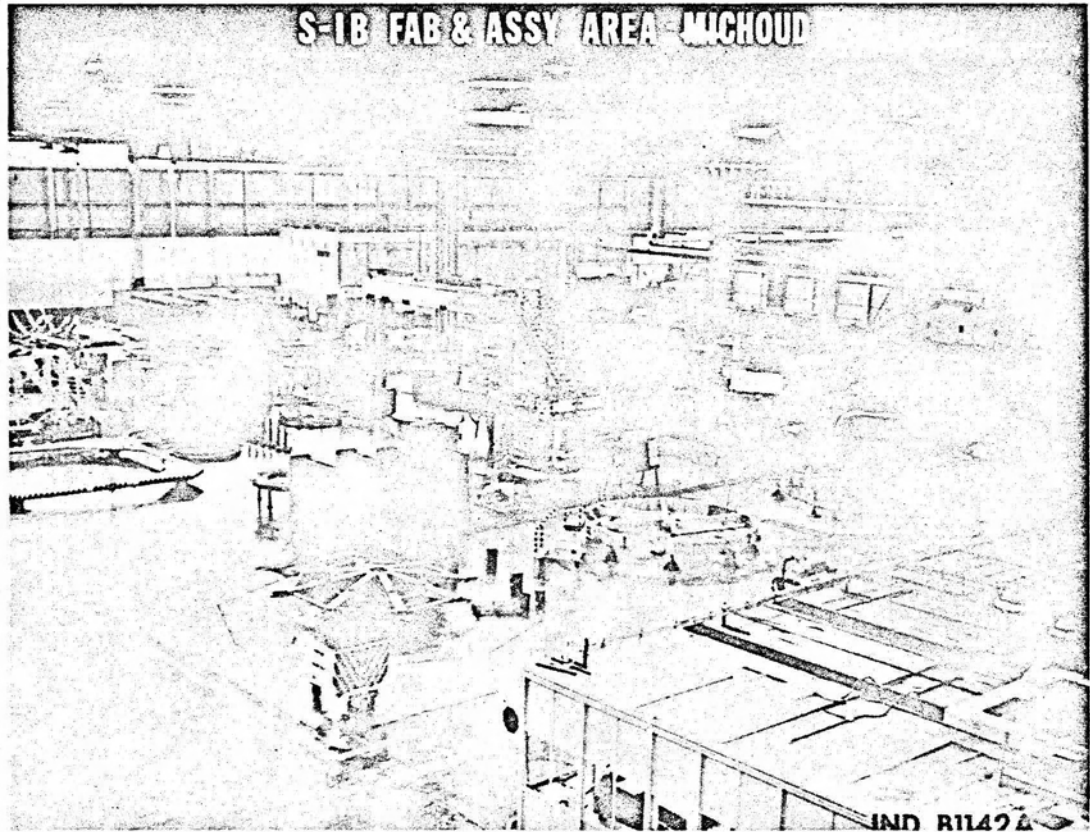


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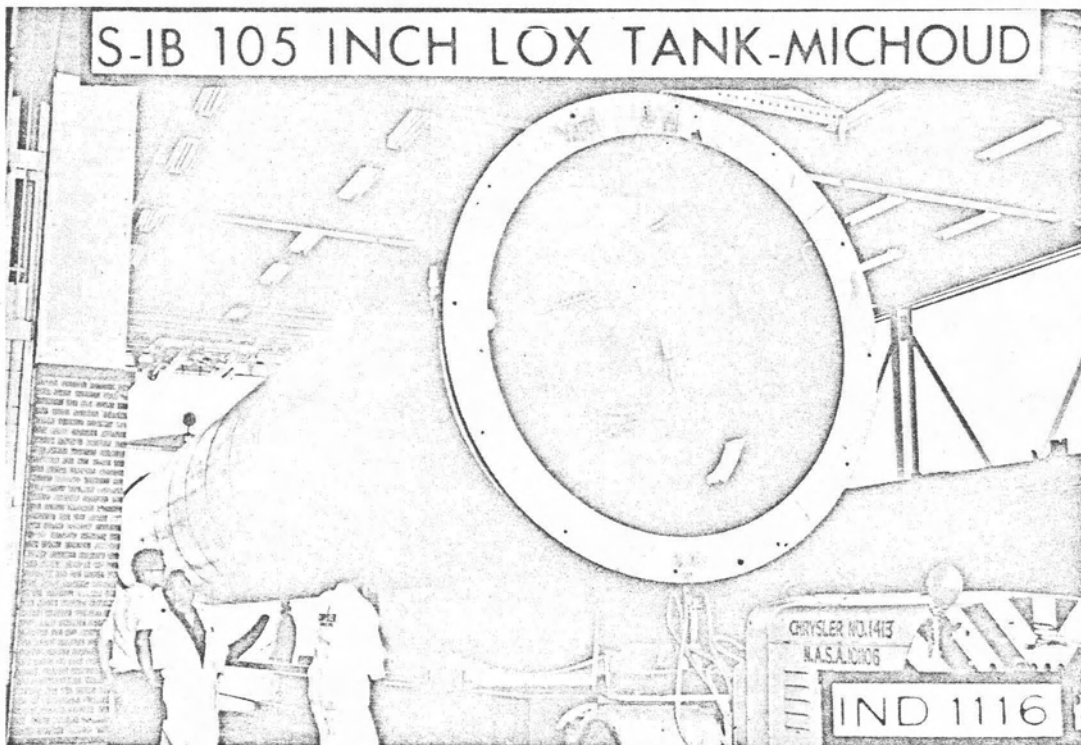




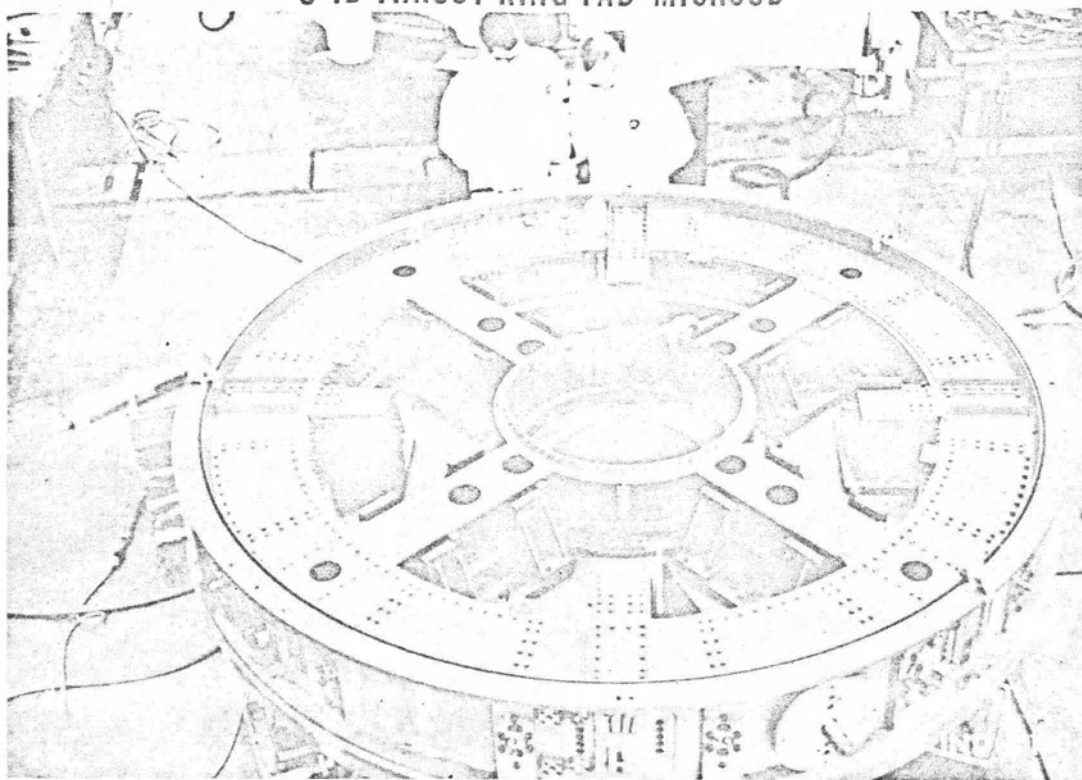


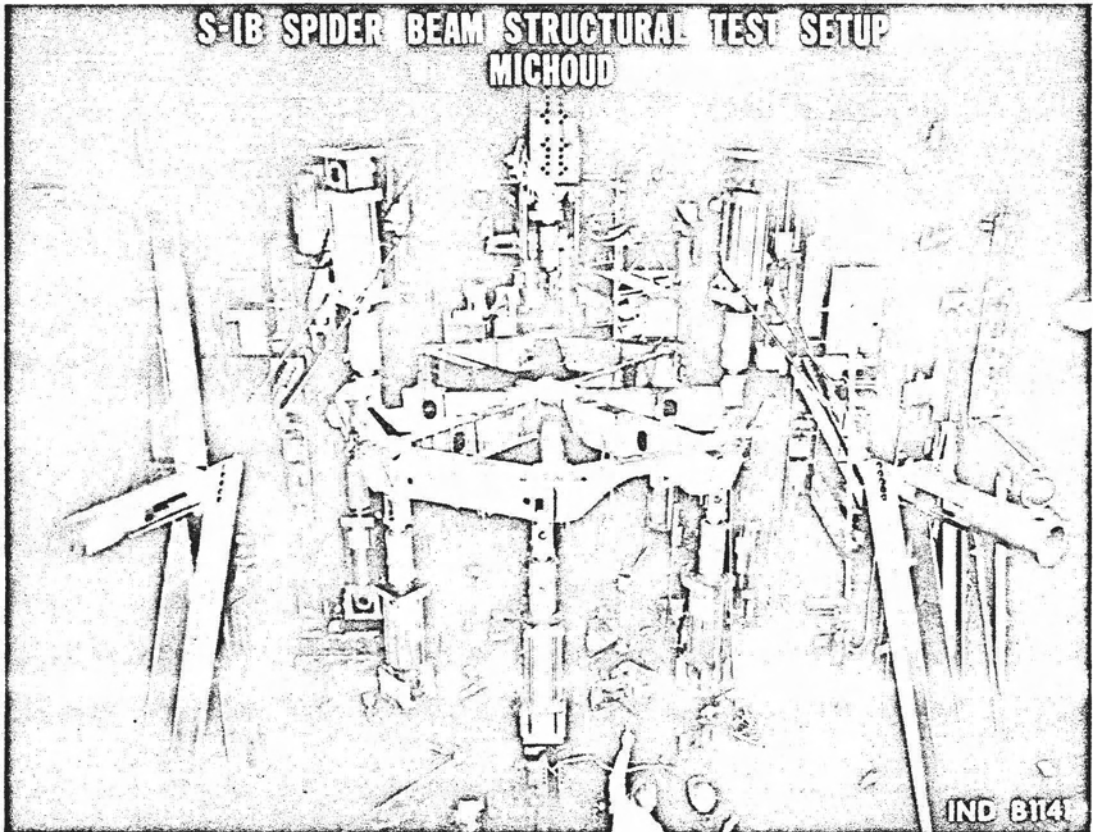
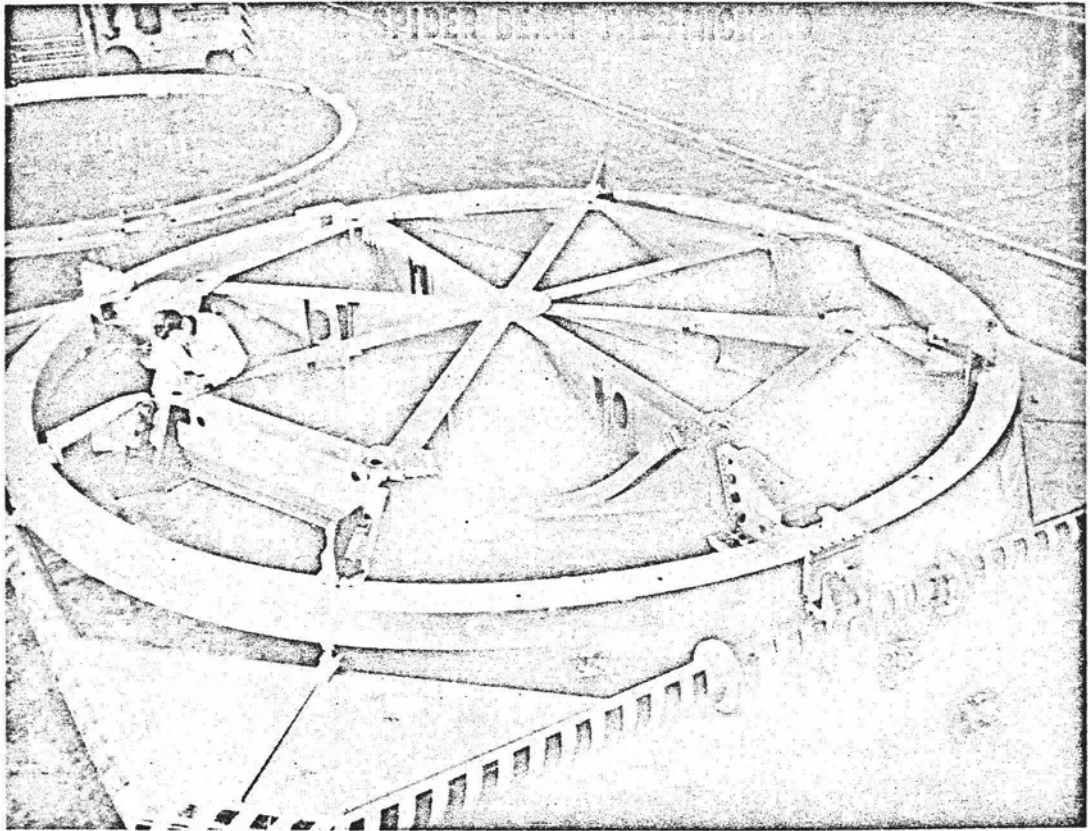


S-IB 105 INCH LOX TANK-MICHOUD

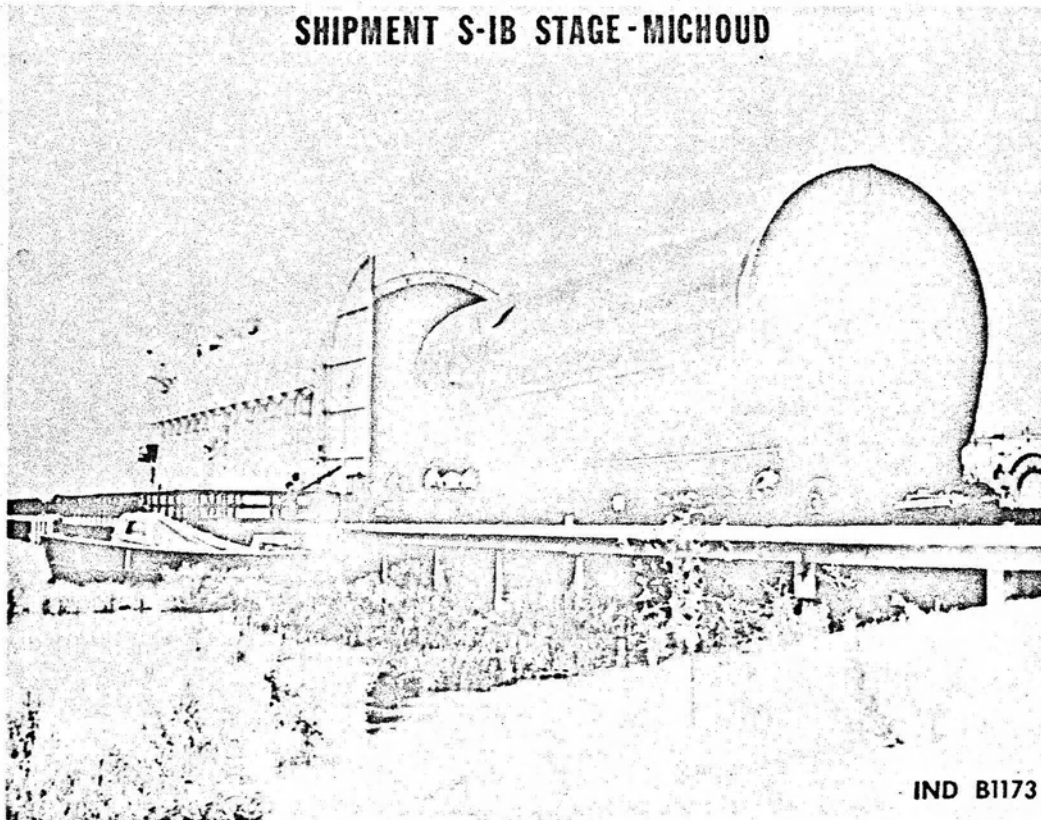


S-IB THRUST RING FAB-MICHOUD



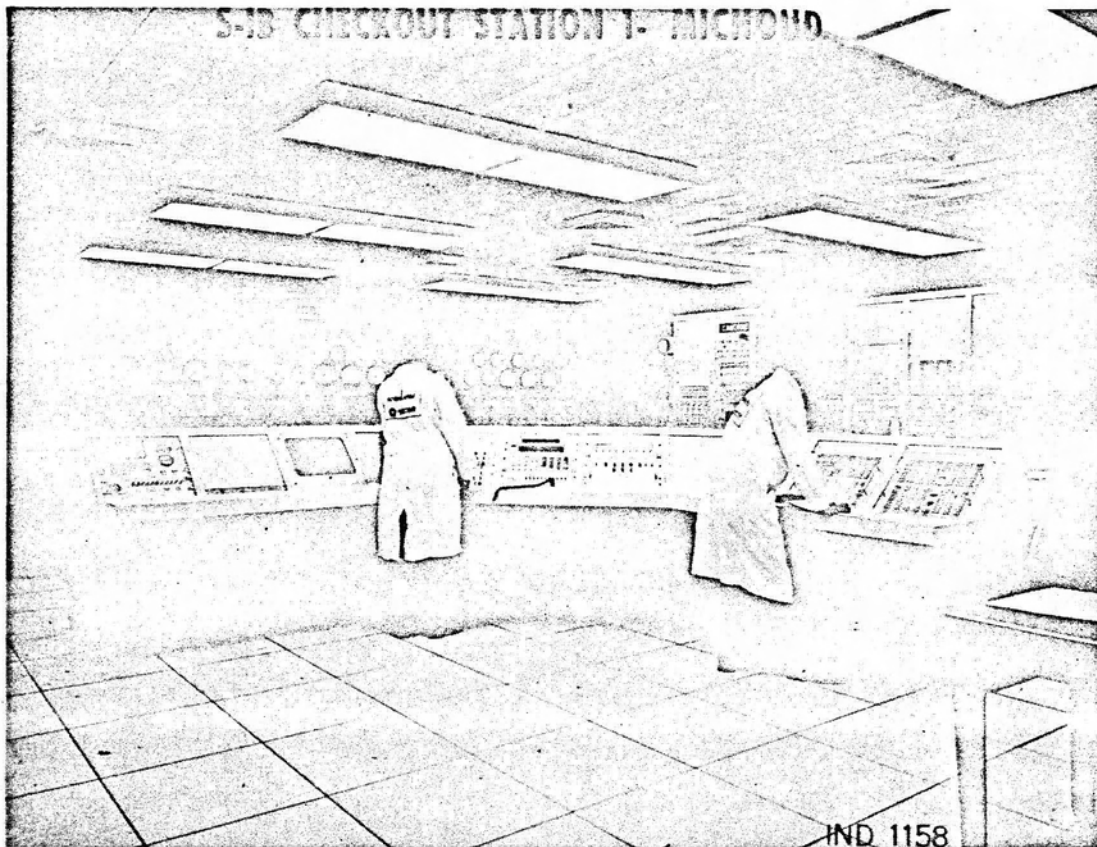


SHIPMENT S-1B STAGE - MICHOU D



IND B1173

S-1B CHECKOUT STATION 1 - MICHOU D



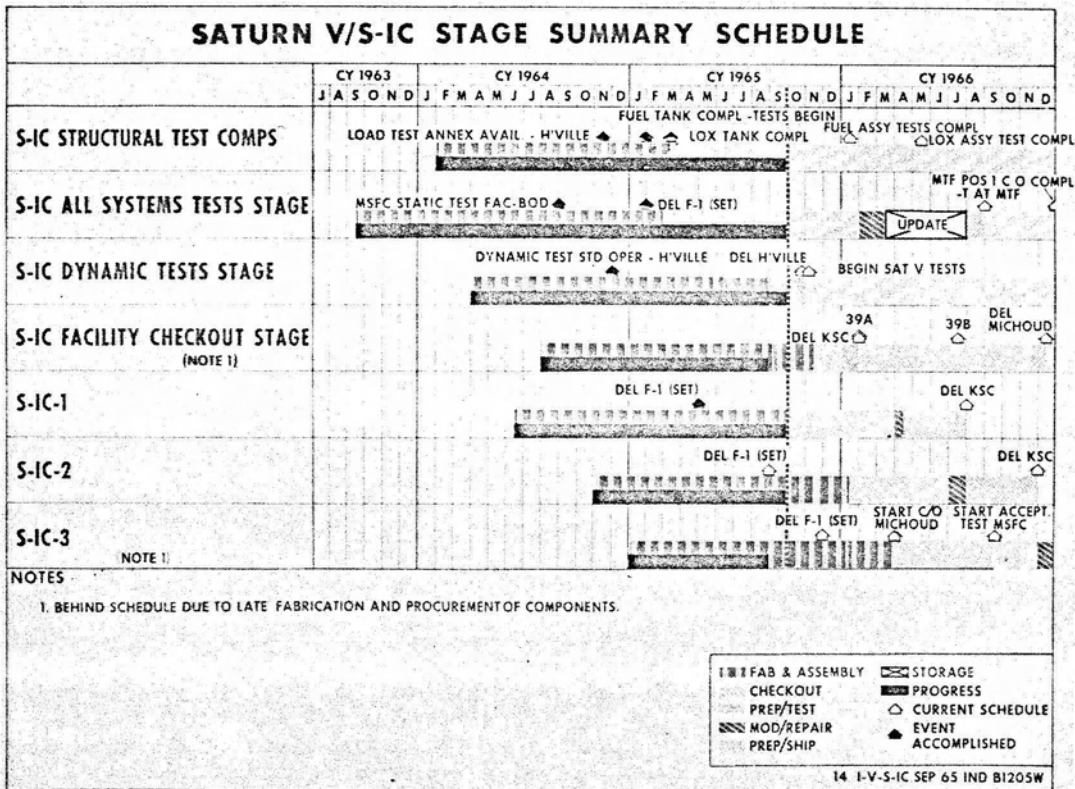
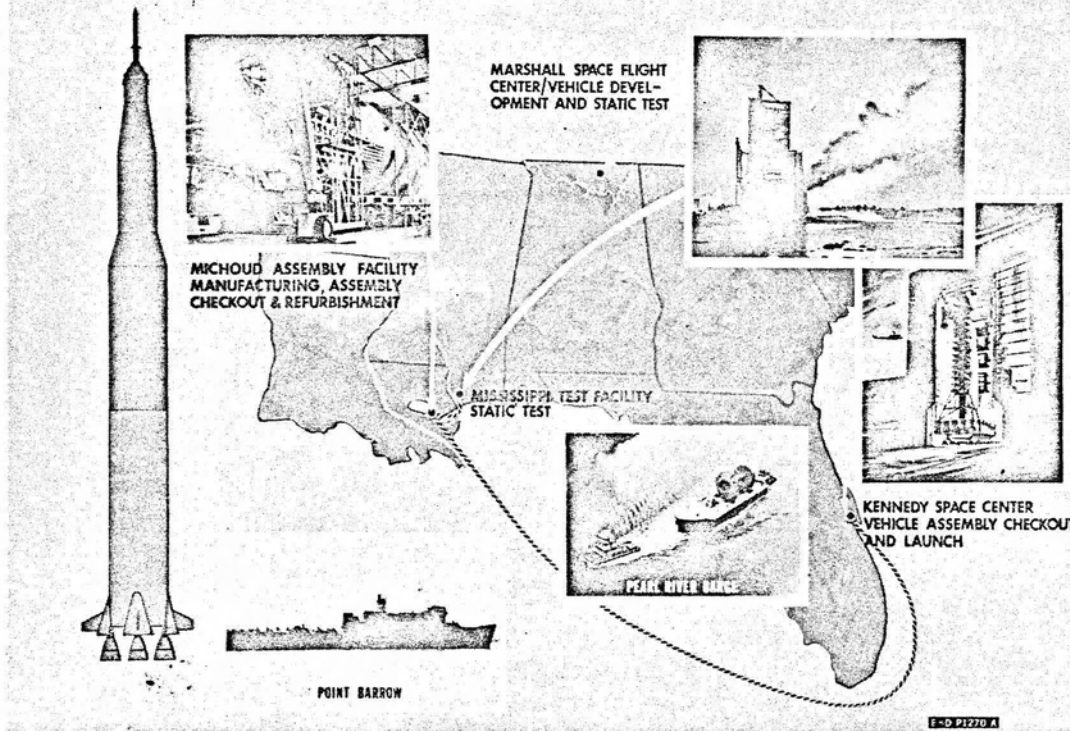
IND 1158

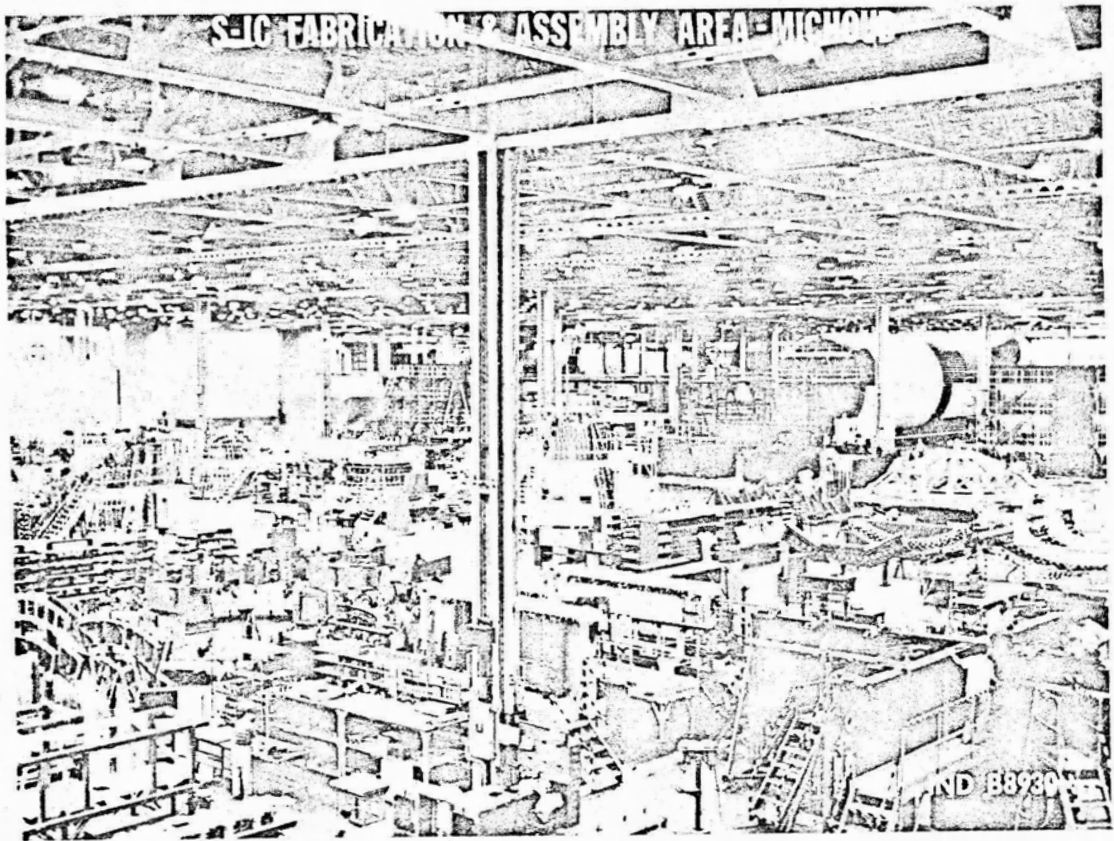
MICHOUD ASSEMBLY FACILITY

S-1C PRODUCTION

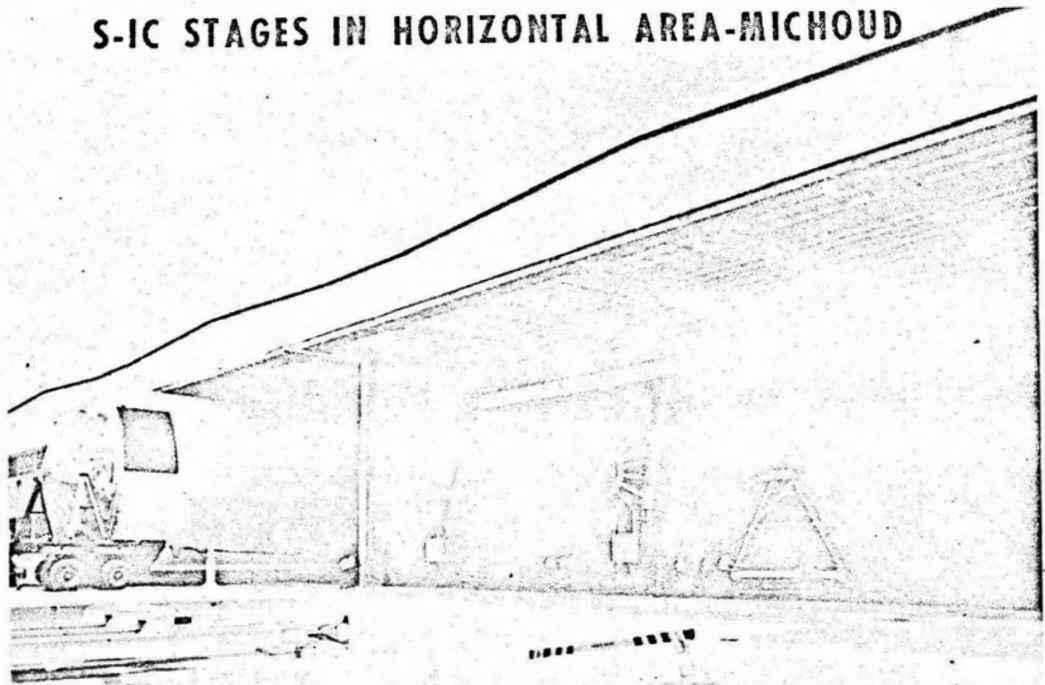
BOEING

SATURN V S-IC STAGE
PRIME CONTRACTOR: BOEING CO.

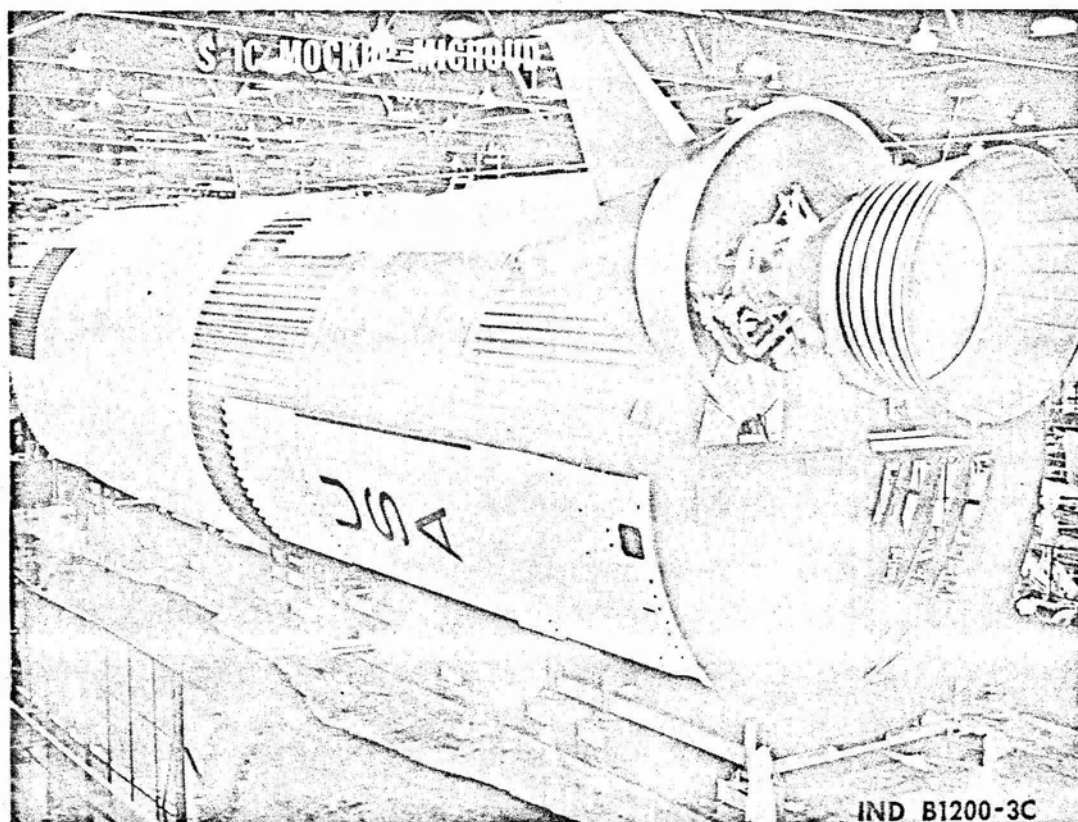
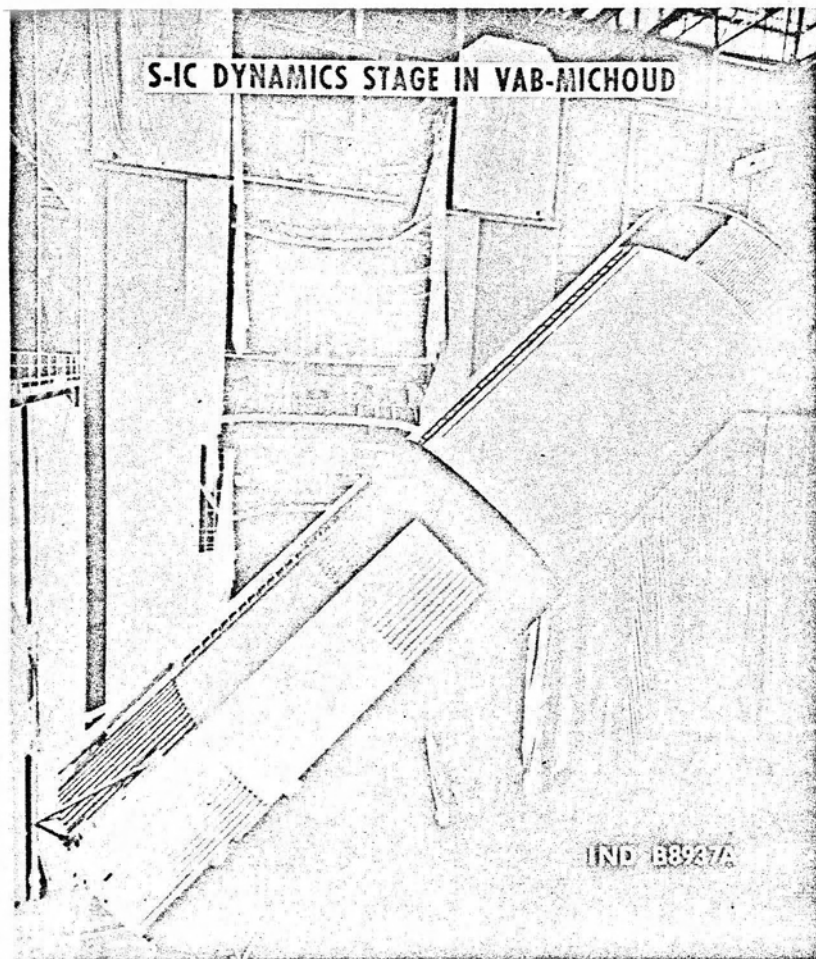


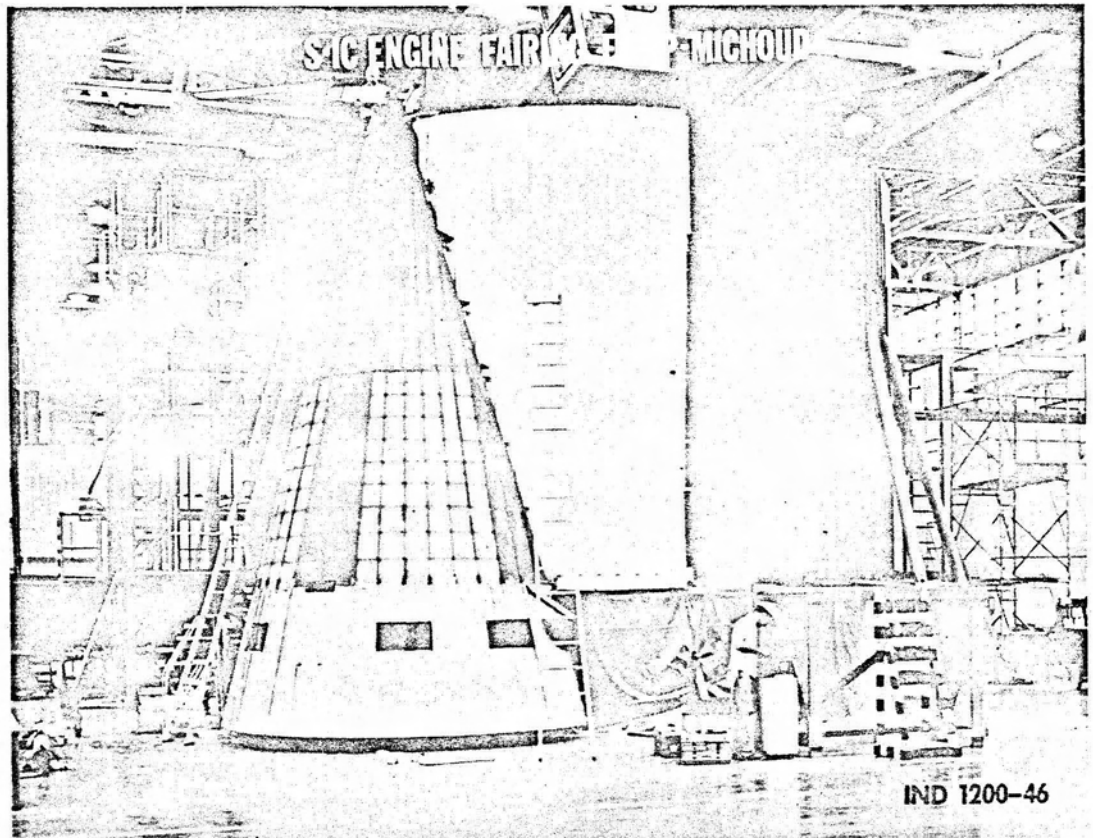
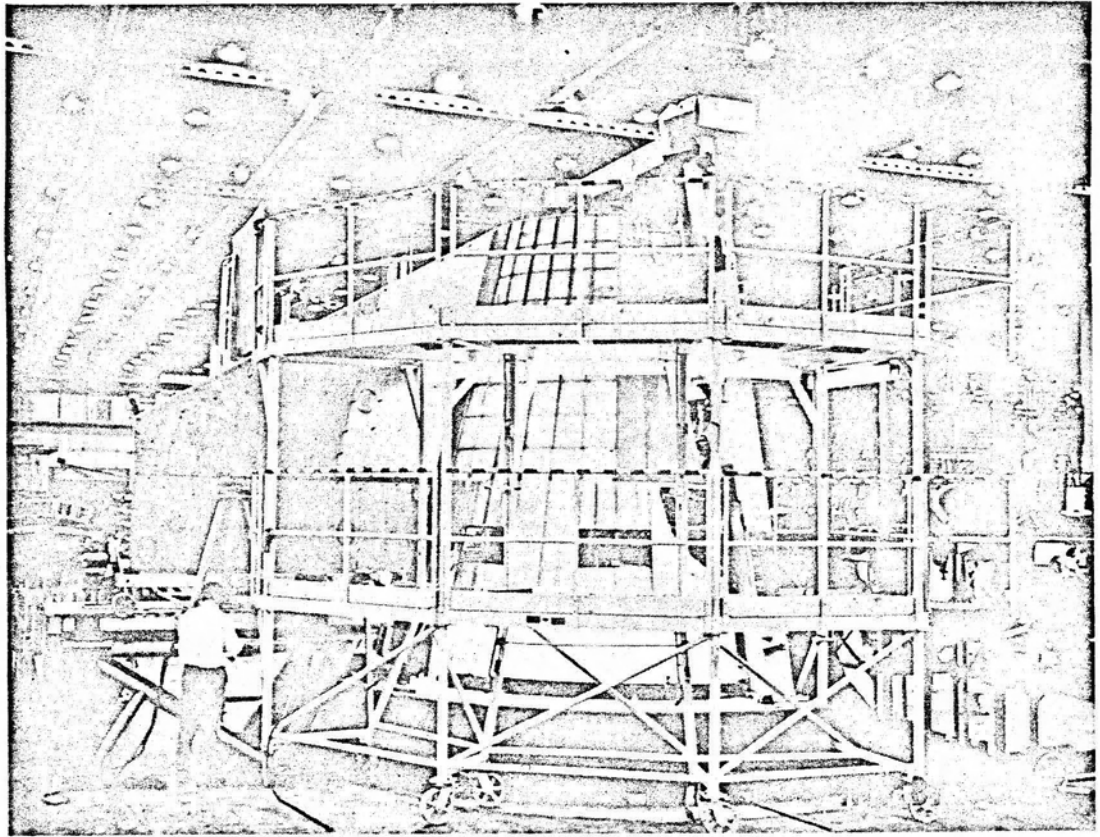


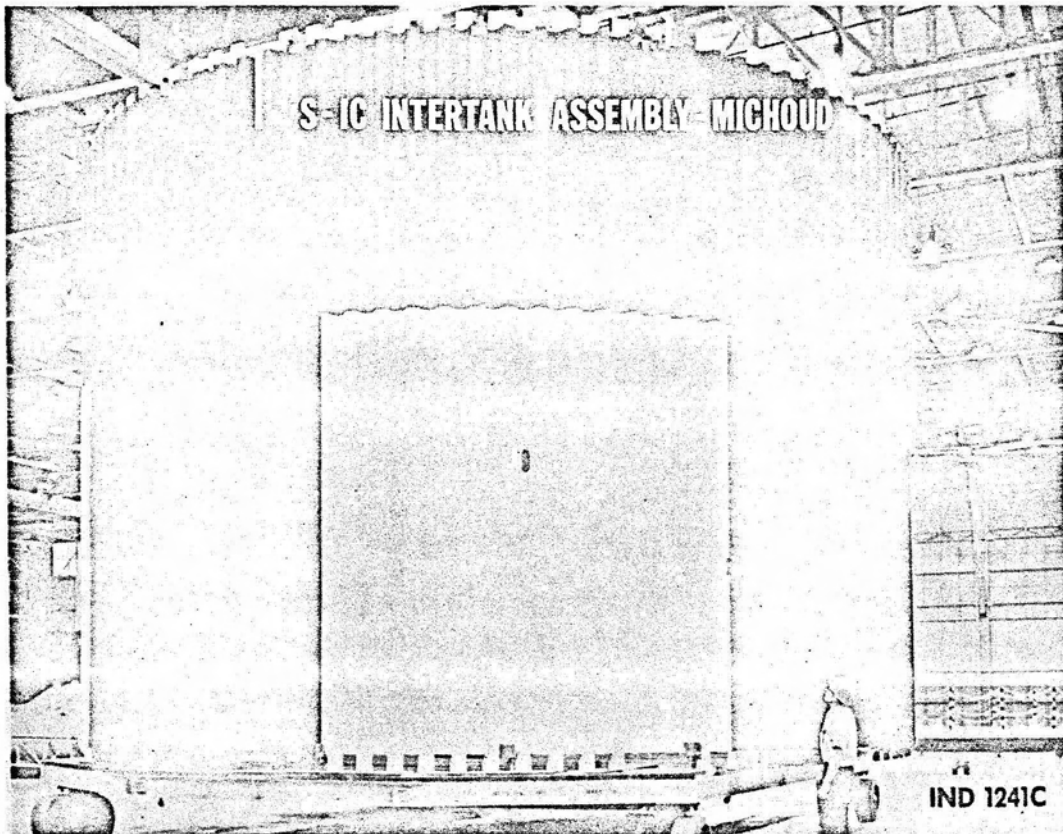
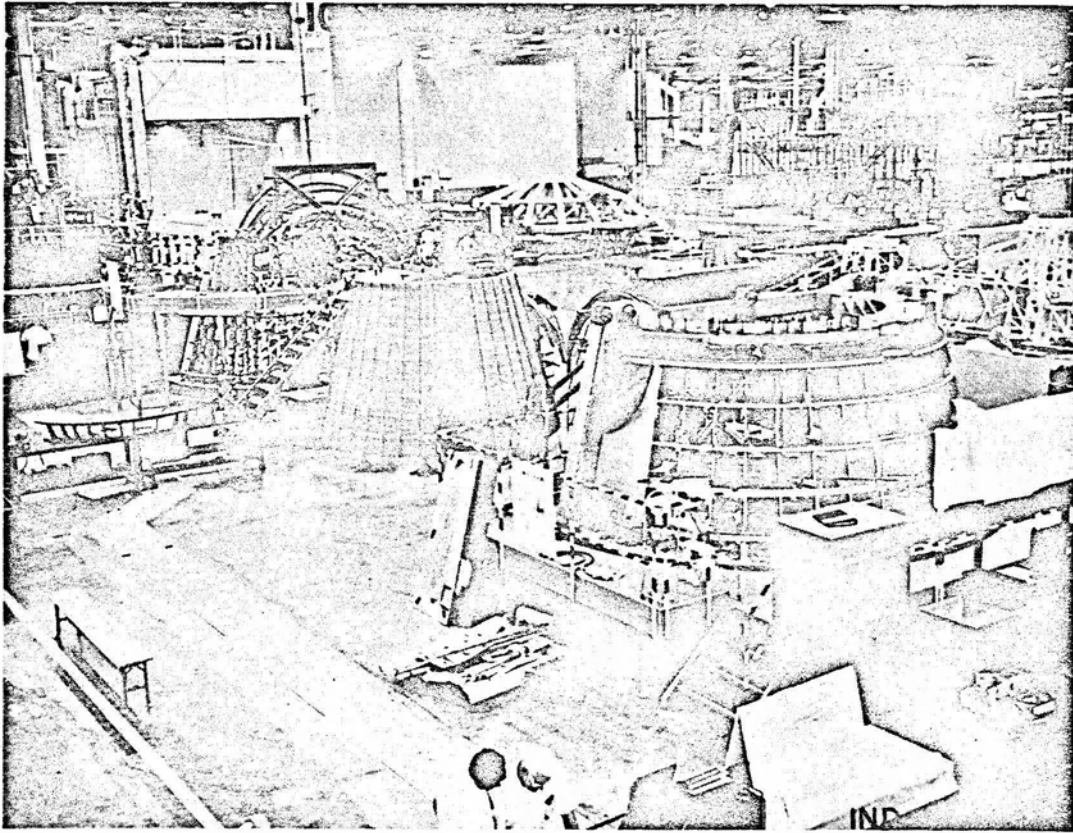
S-IC STAGES IN HORIZONTAL AREA-MICHOUD

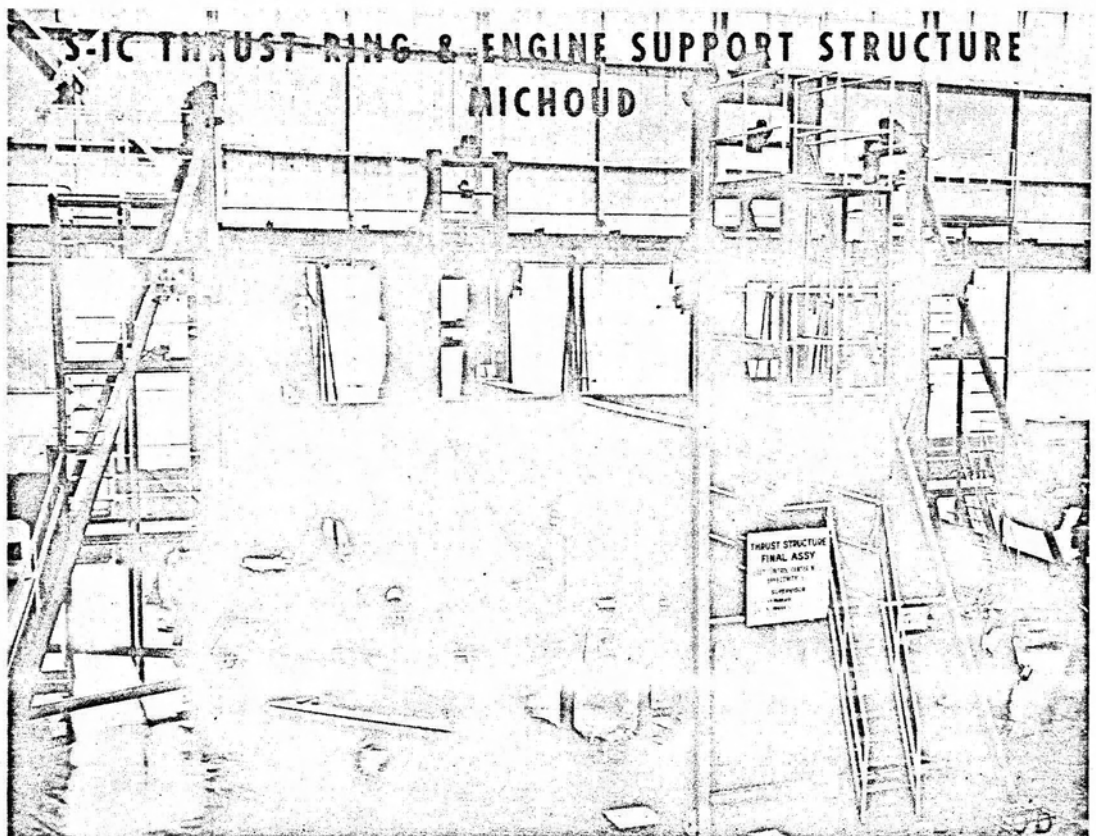
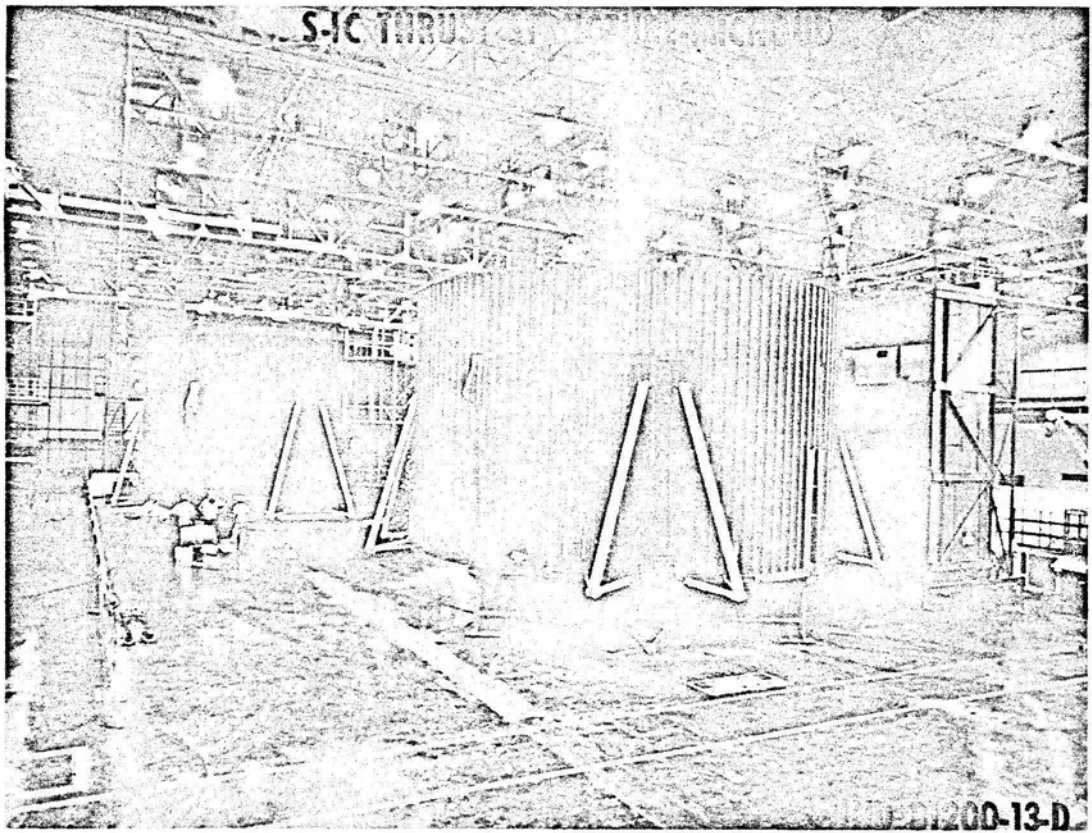


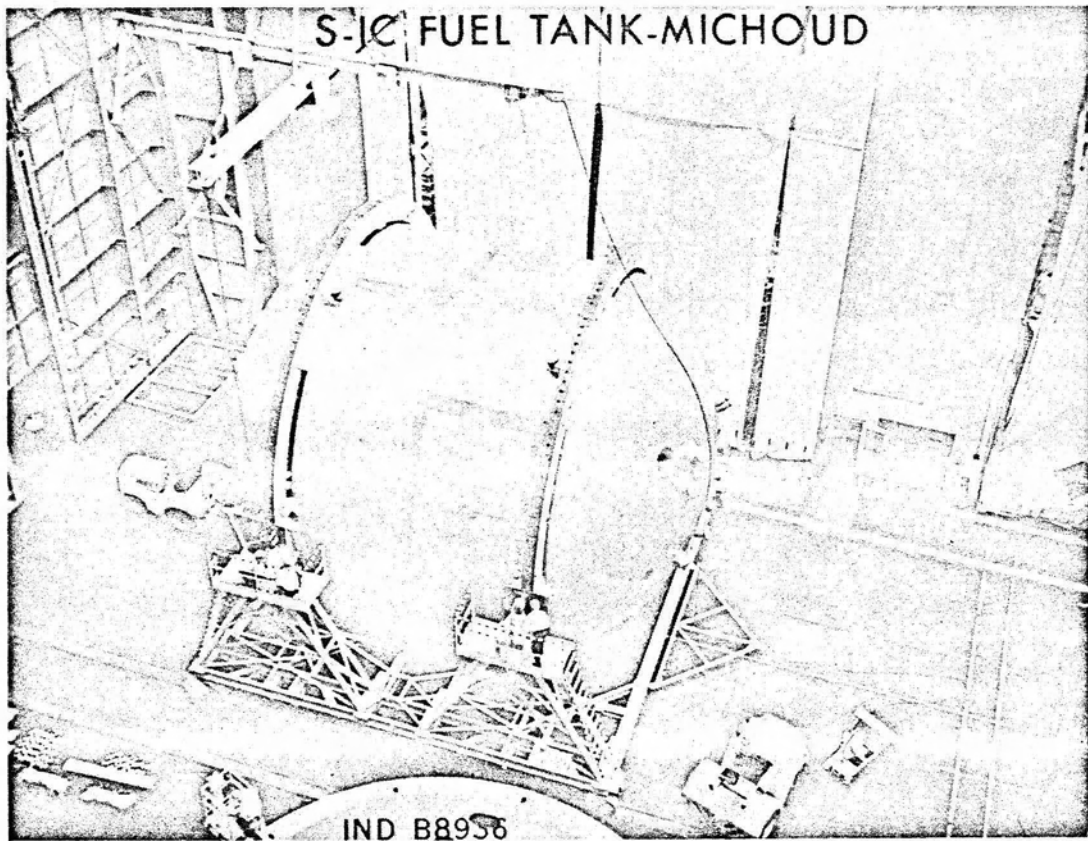
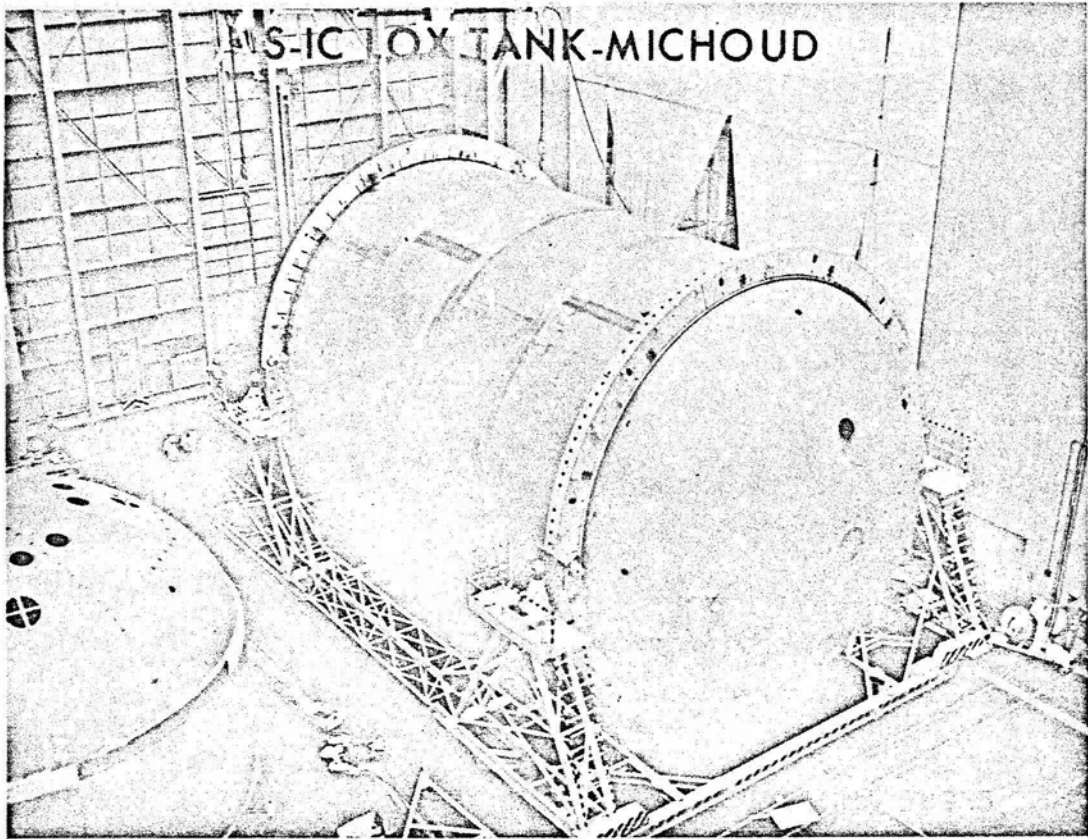
IND B1200-52

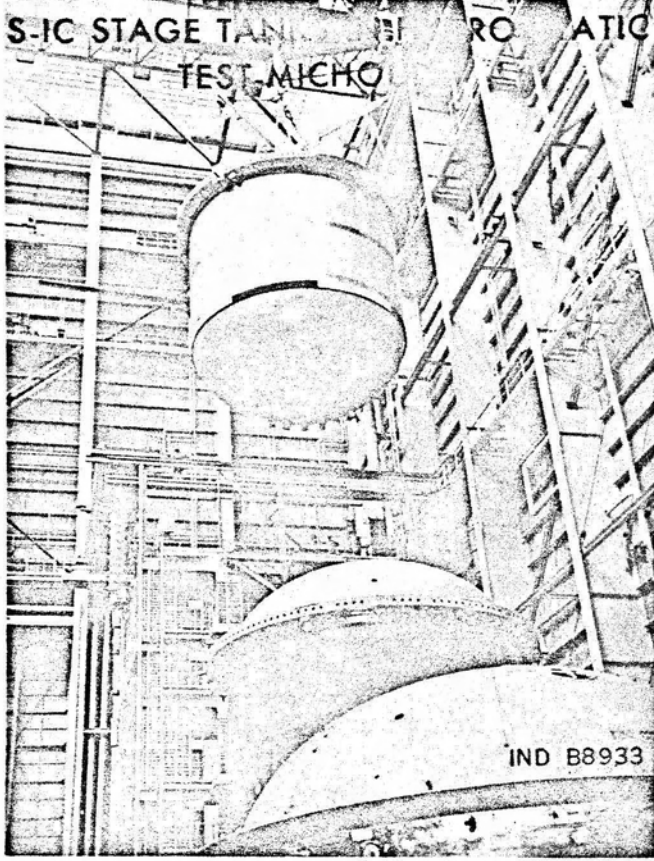




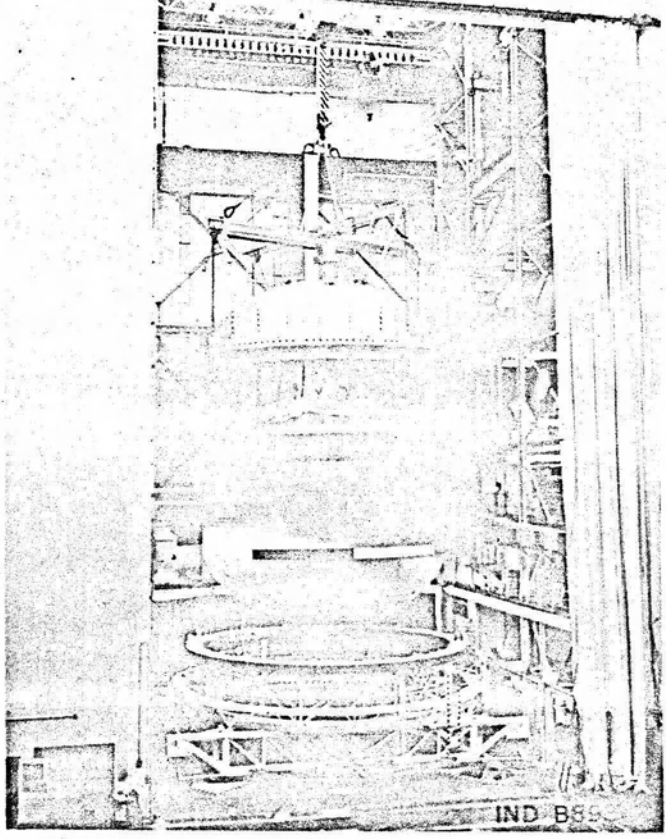


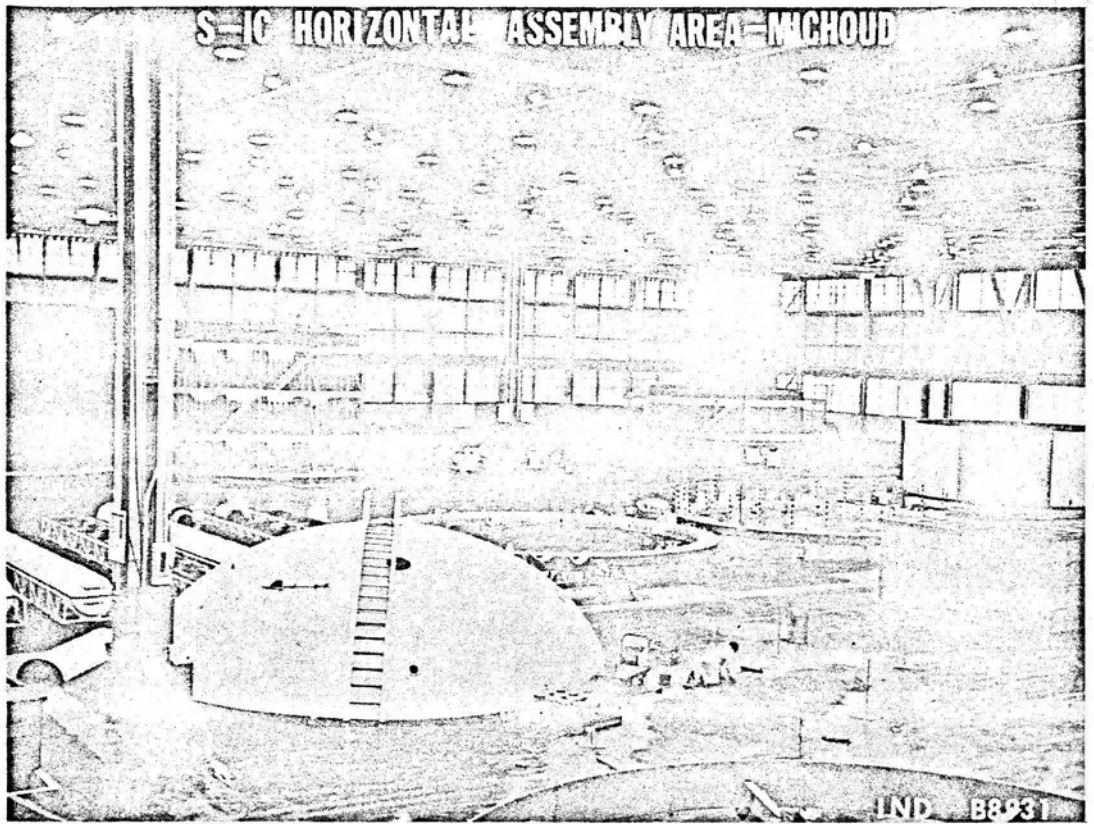
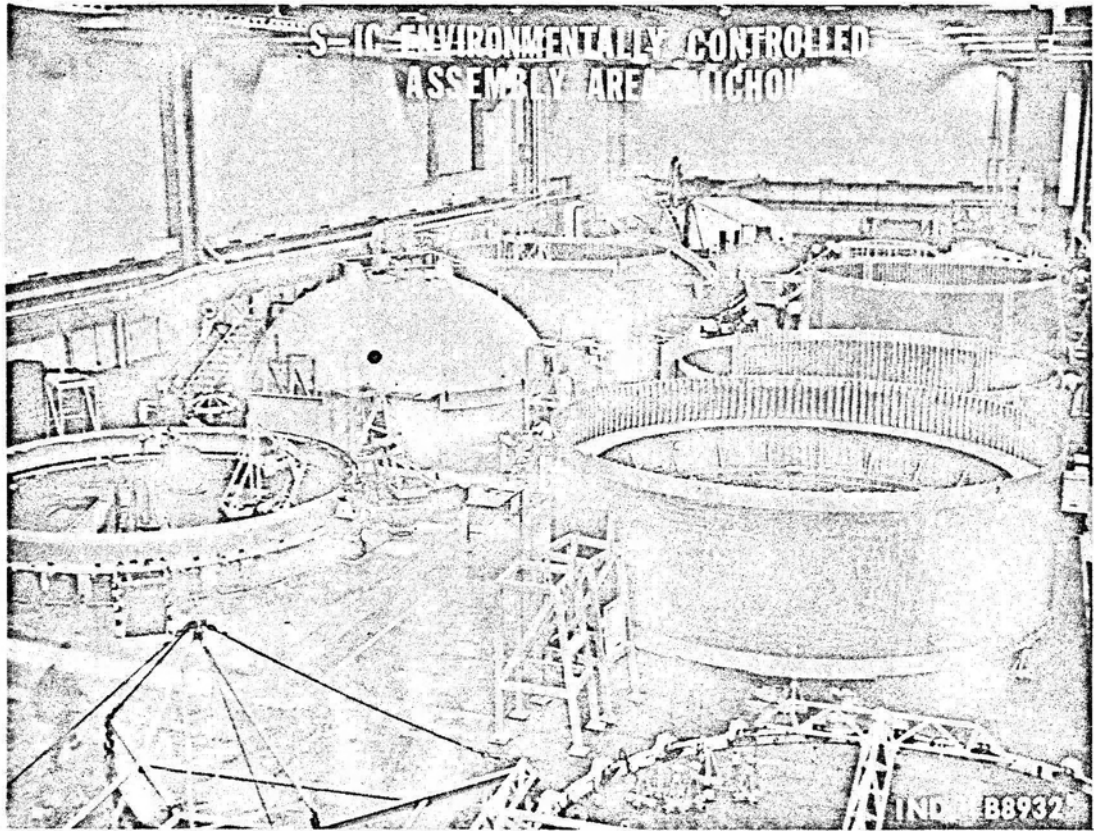




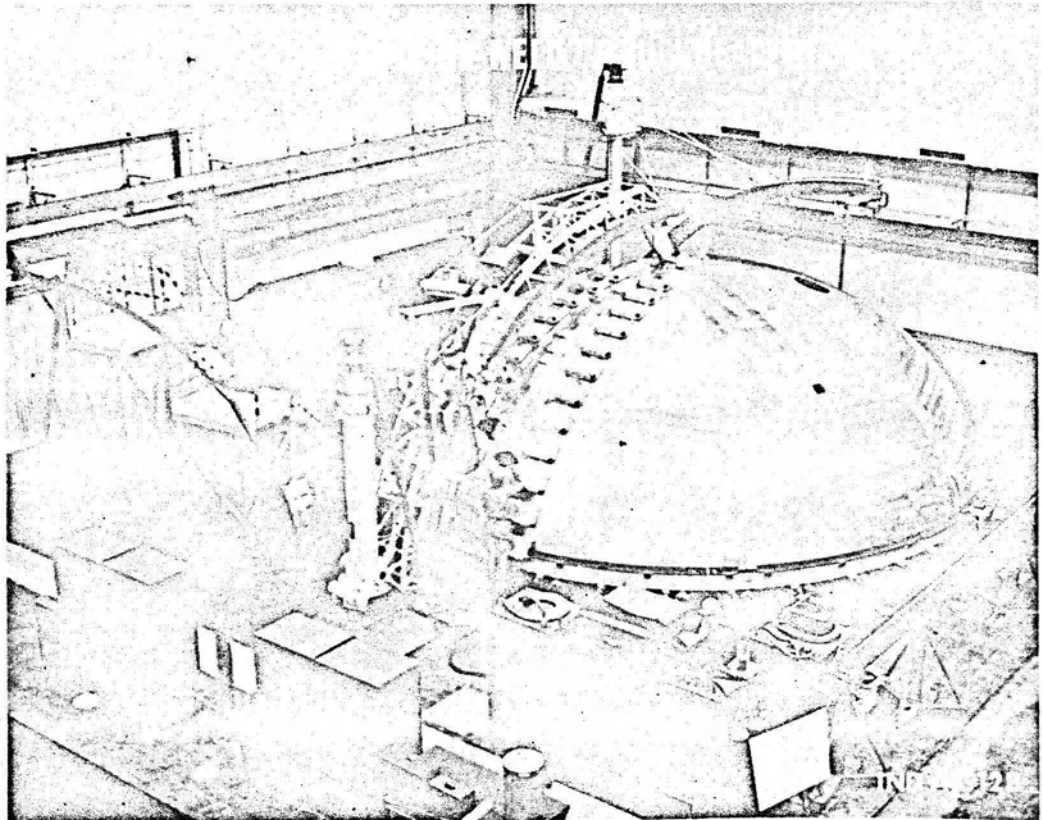
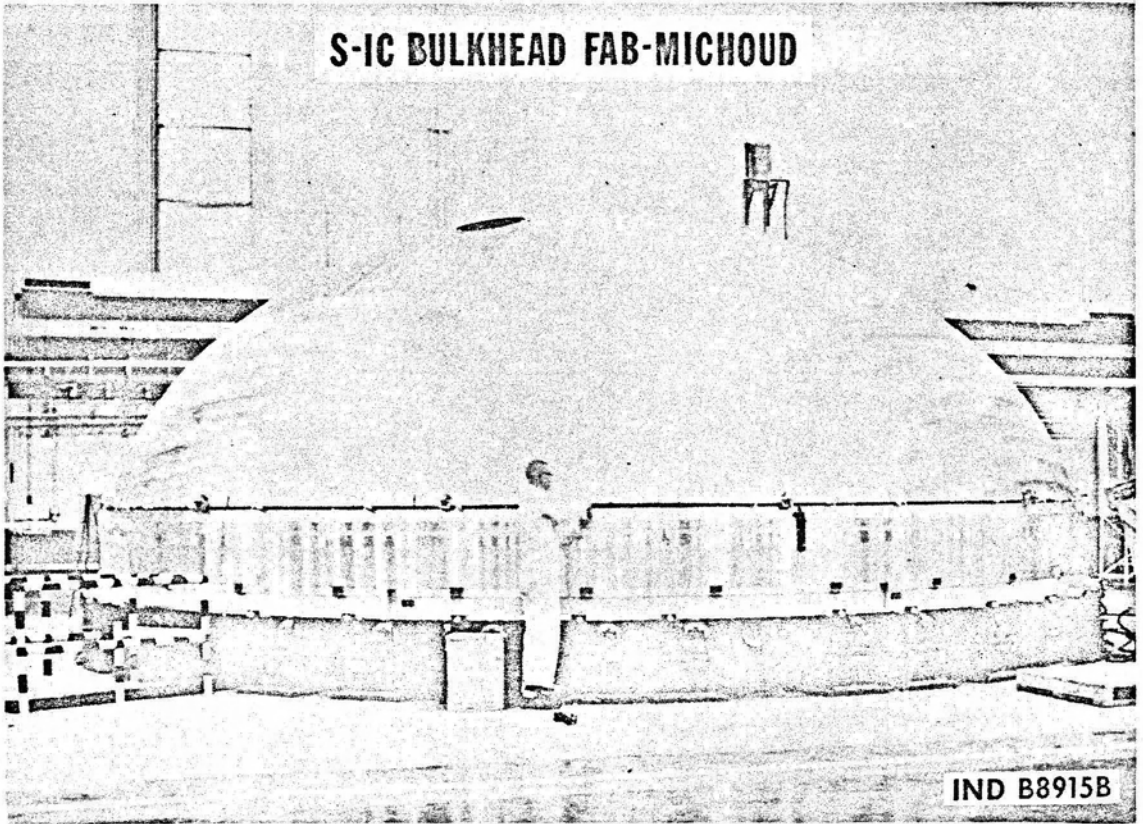


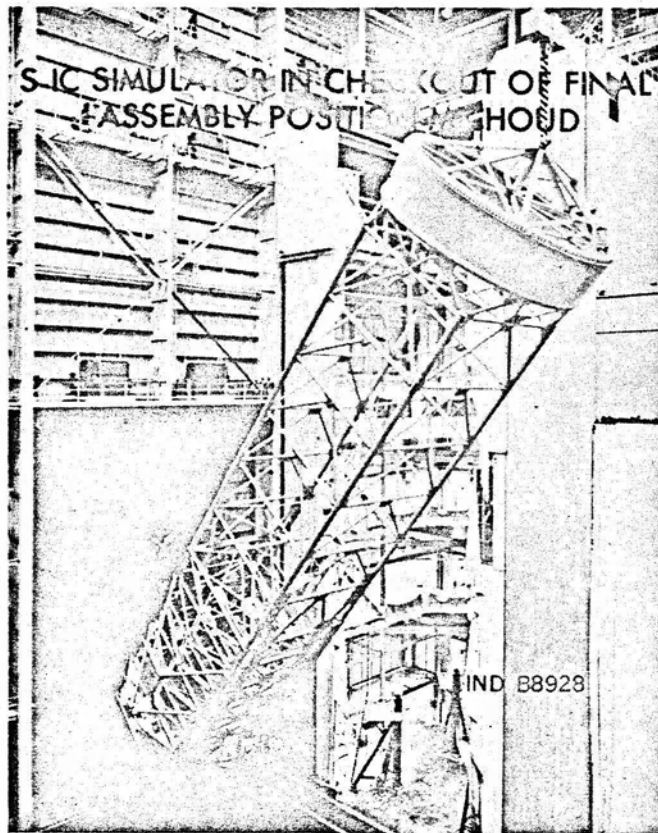
S-IC FUEL-TANK ASSEMBLY-MICHOU



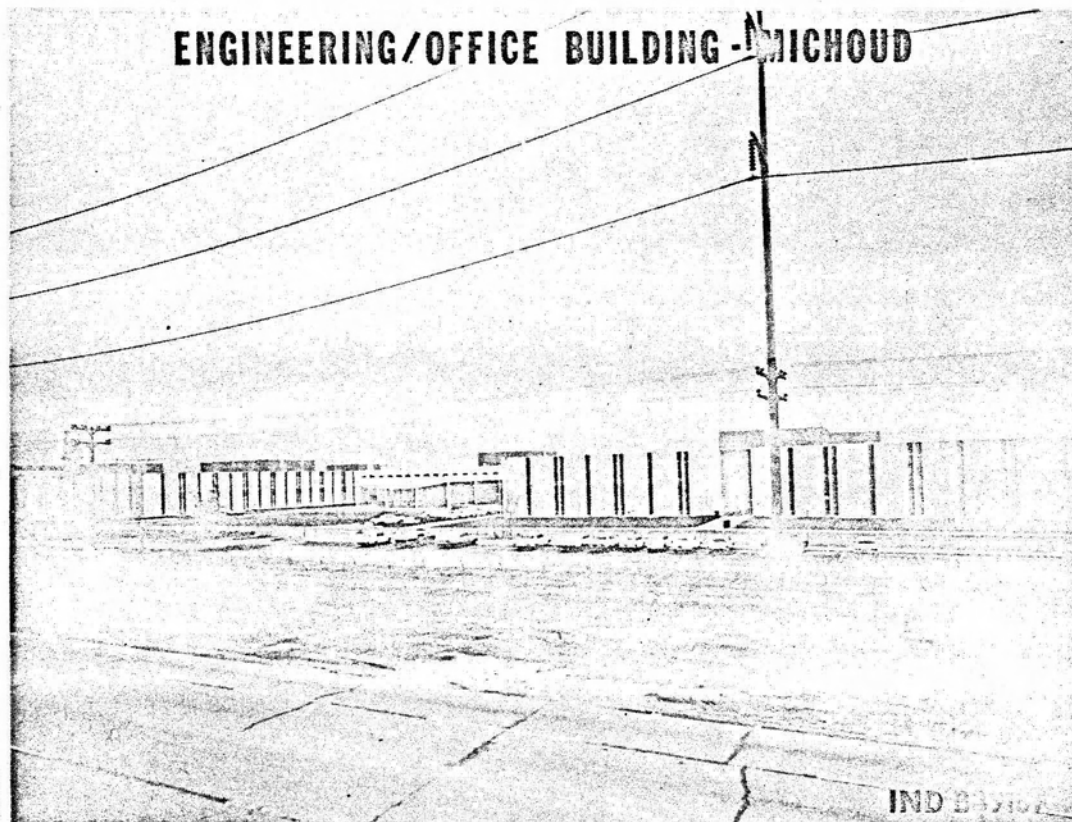
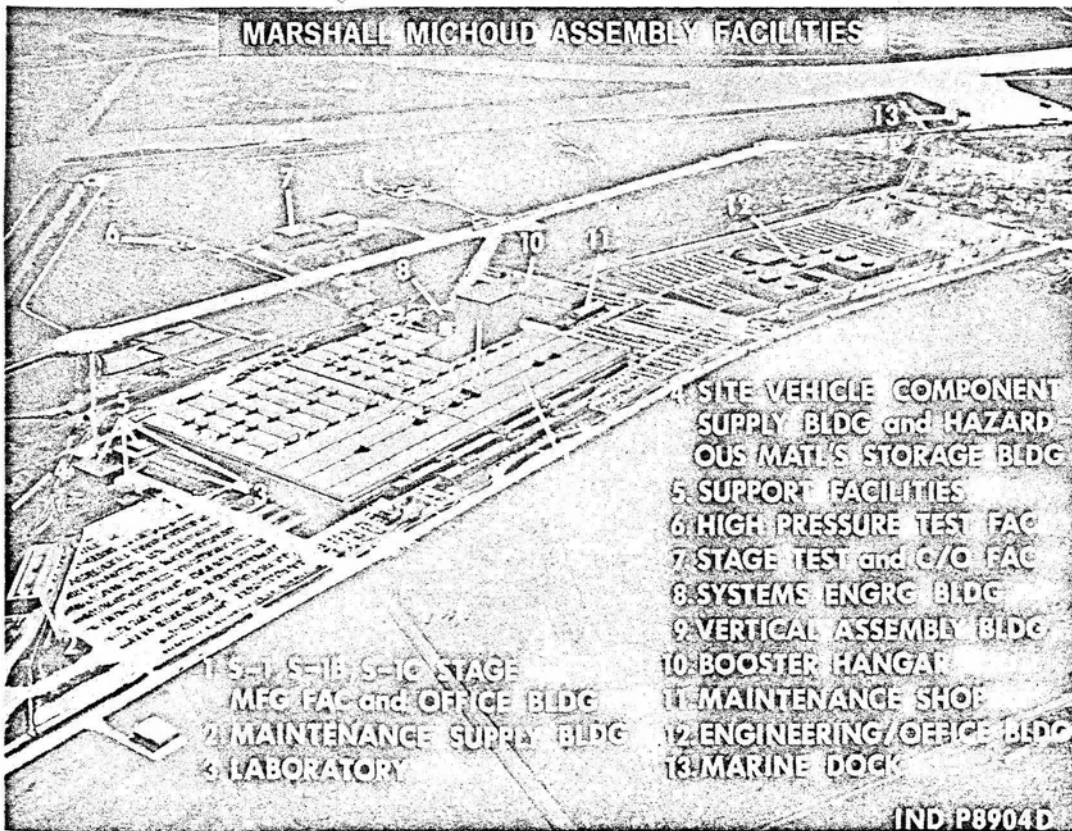


S-IC BULKHEAD FAB-MICHOUD

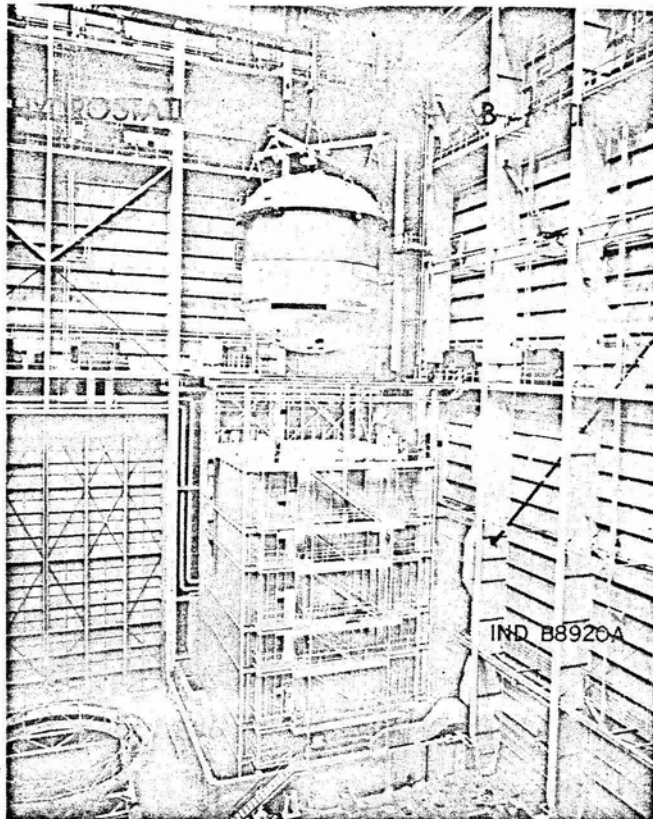
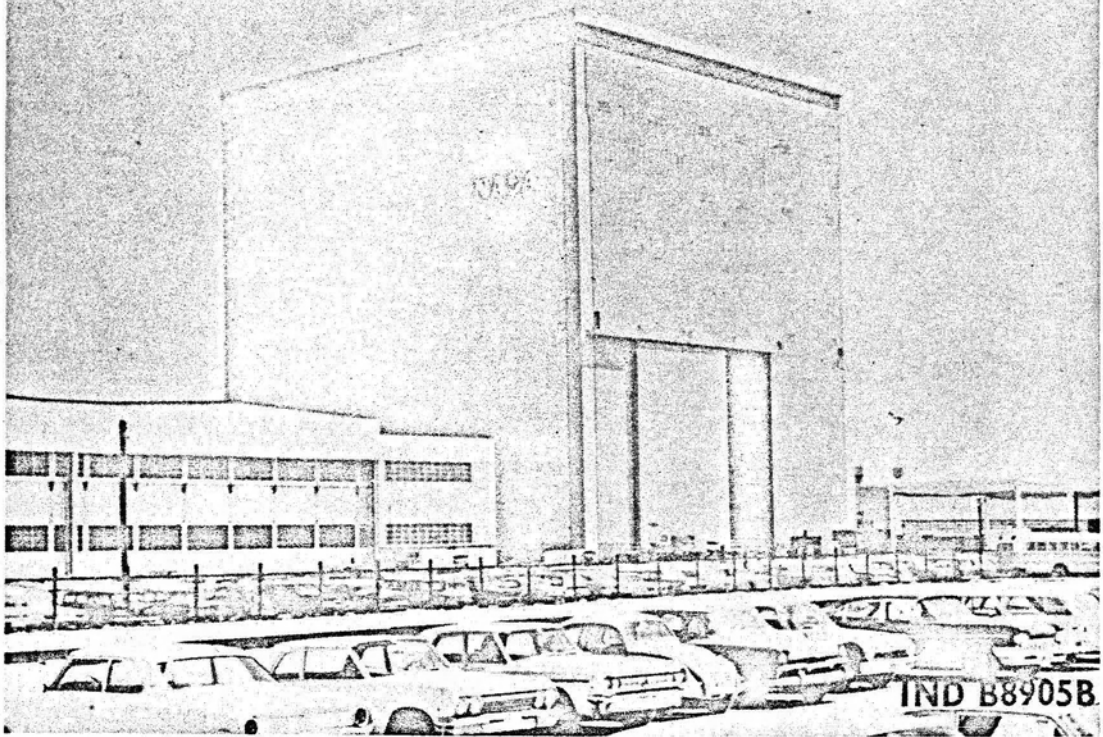




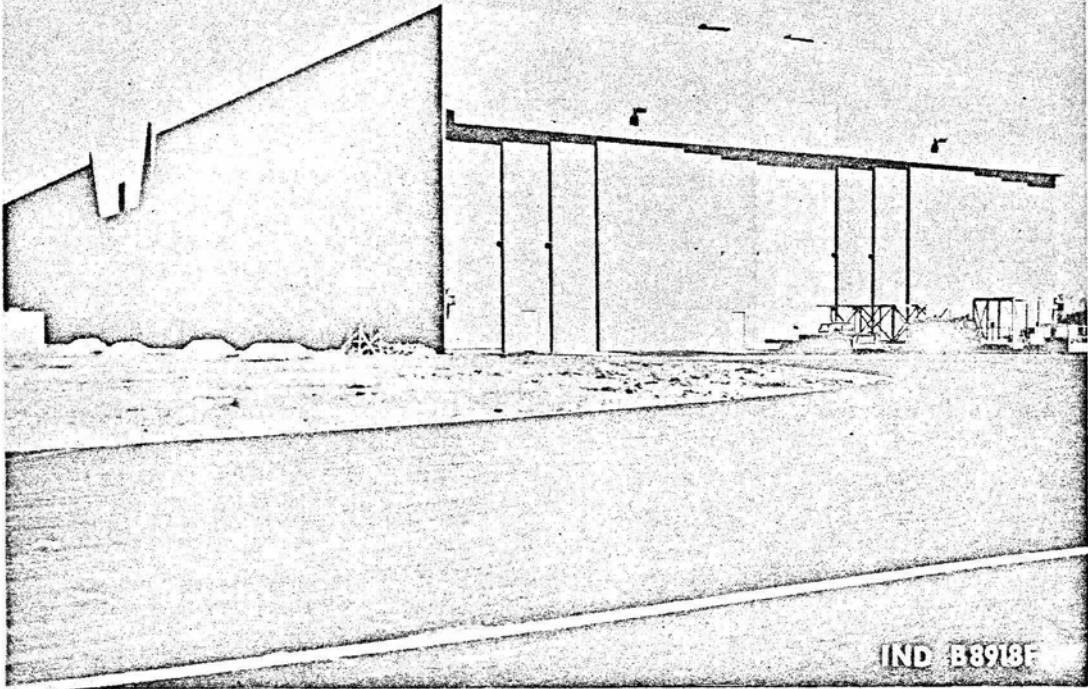
MICHIGAN ASSEMBLY FACILITIES



VERTICAL ASSEMBLY BUILDING-MICHOUD

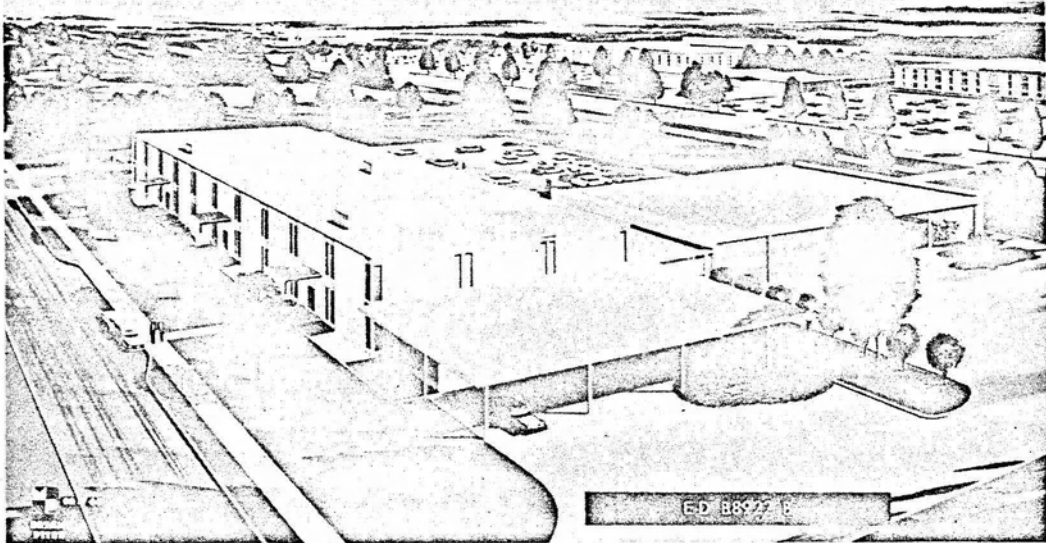


S-1C STAGE TEST & CHECKOUT FACILITY - MICHOU



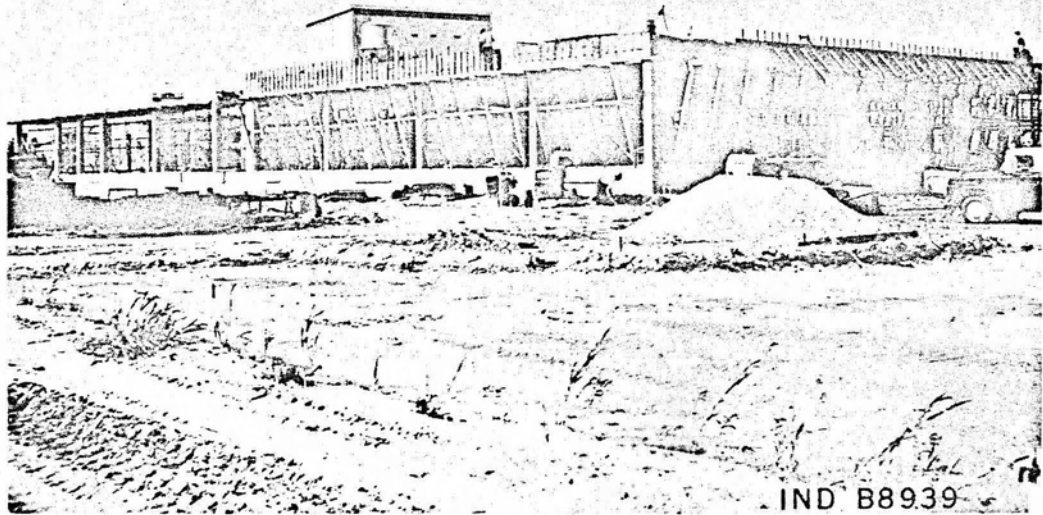
IND B8918F

CONTRACTORS SERVICES FACILITY - MICHOU



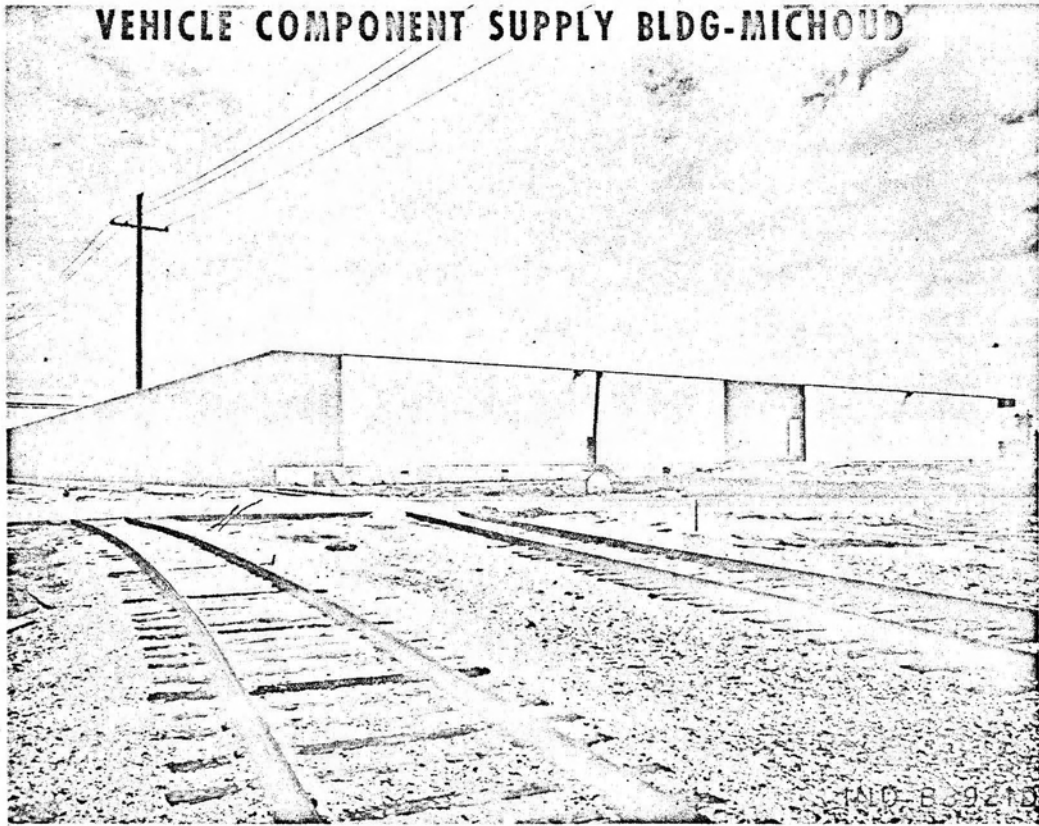
ED B8927 F

SUPPORT SERVICES BLDG-MICHOUD



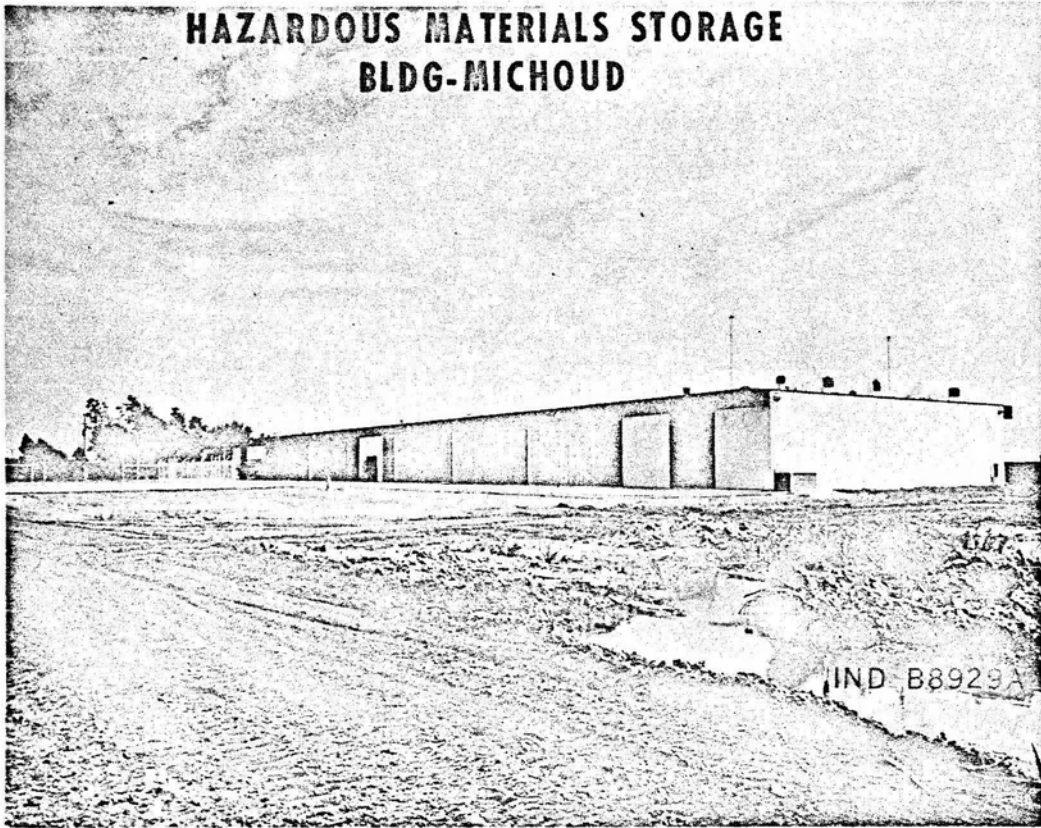
IND B8939

VEHICLE COMPONENT SUPPLY BLDG-MICHOUD

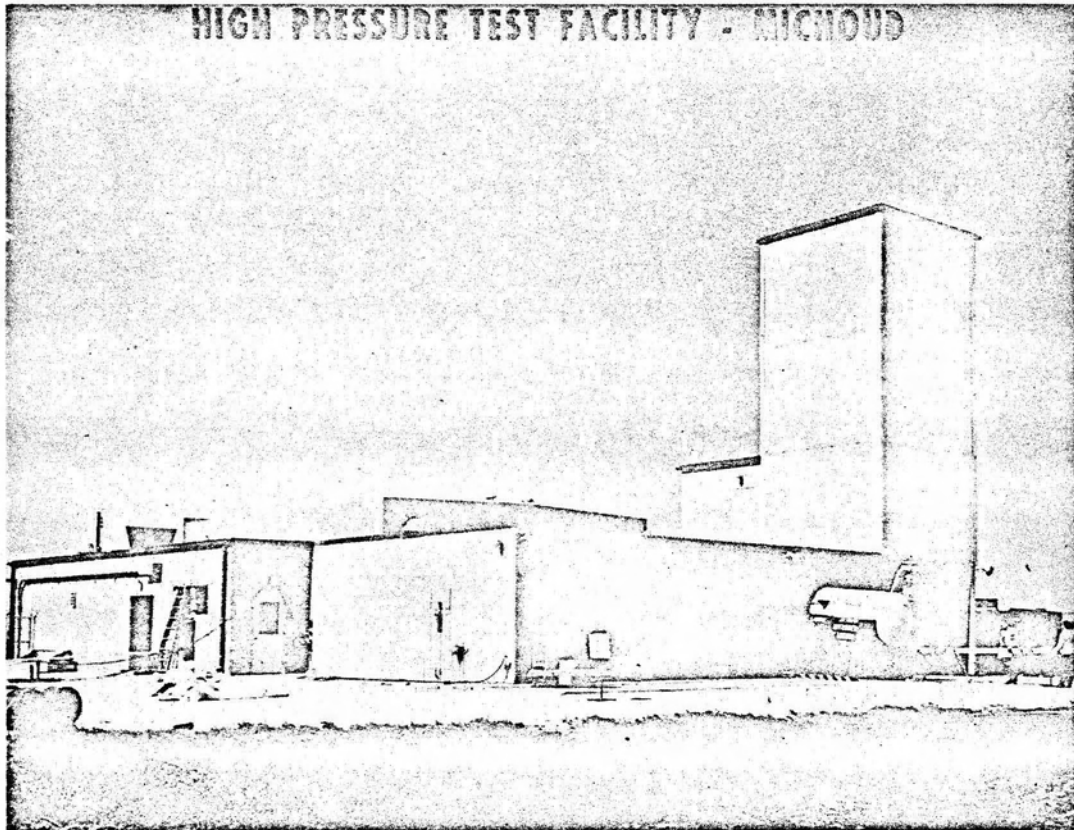


IND B 9210

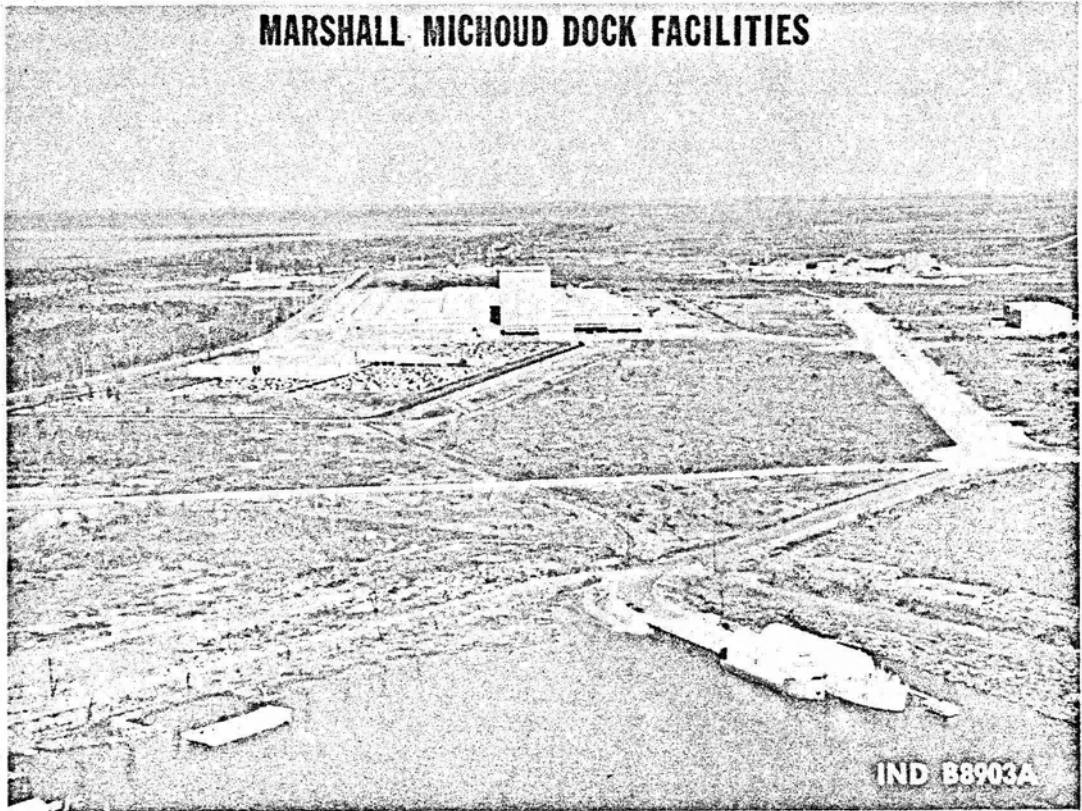
**HAZARDOUS MATERIALS STORAGE
BLDG-MICHOUD**



HIGH PRESSURE TEST FACILITY - MICHOUD



MARSHALL MICHOU D DOCK FACILITIES

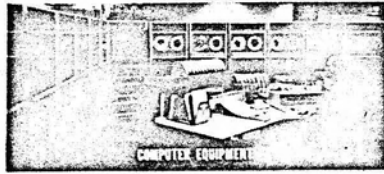


IND B8903A

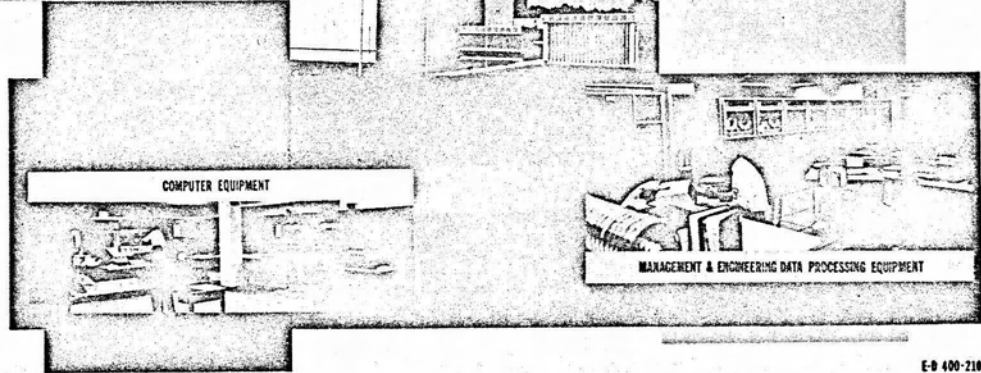
SLIDELL FACILITIES

SLIDELL, LOUISIANA

The MSFC mission for the Central Computer Facility at Slidell, Louisiana is to provide housing and facilities for the digital and analog computers and other data reduction equipment necessary for the operation of a computer center. The Slidell facility, originally constructed by the Federal Aviation Agency, is now owned by NASA and is a part of NASA Michoud Plant Operations at New Orleans, Louisiana. The computer center is contractor operated by Telecomputer Services, Incorporated. The facility's location at Slidell is approximately 20 miles from the Michoud plant and 15 miles from the Mississippi Test Facility. This allows convenient computer service to both installations without duplication of facilities, Modification of existing and construction of new facilities is accomplished at this location directly by MSFC. MSFC will expend approximately \$2,170,000 for construction of facilities at Slidell, using C of F and R & D funds budgeted through FY 1965.

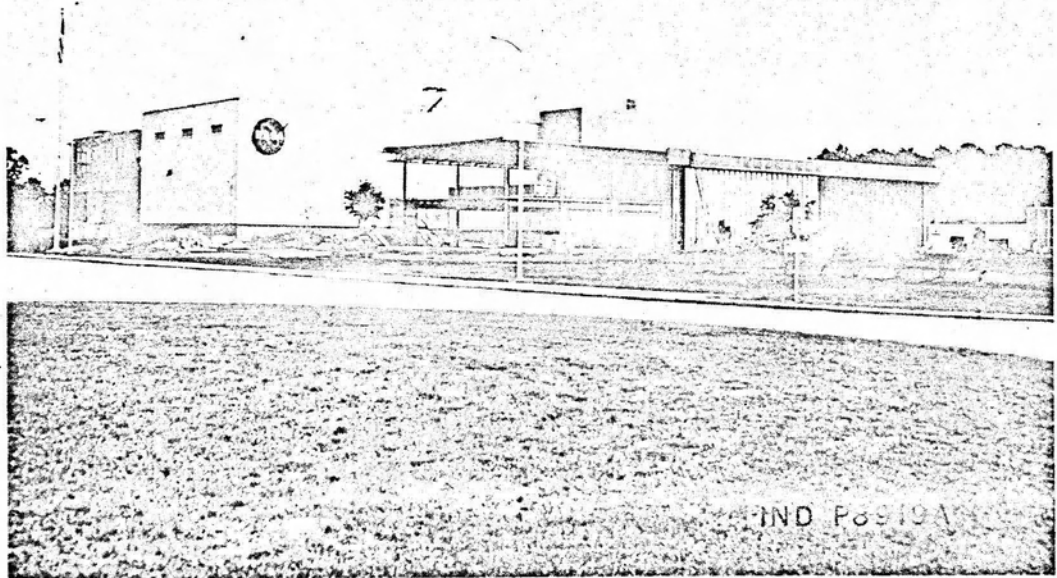


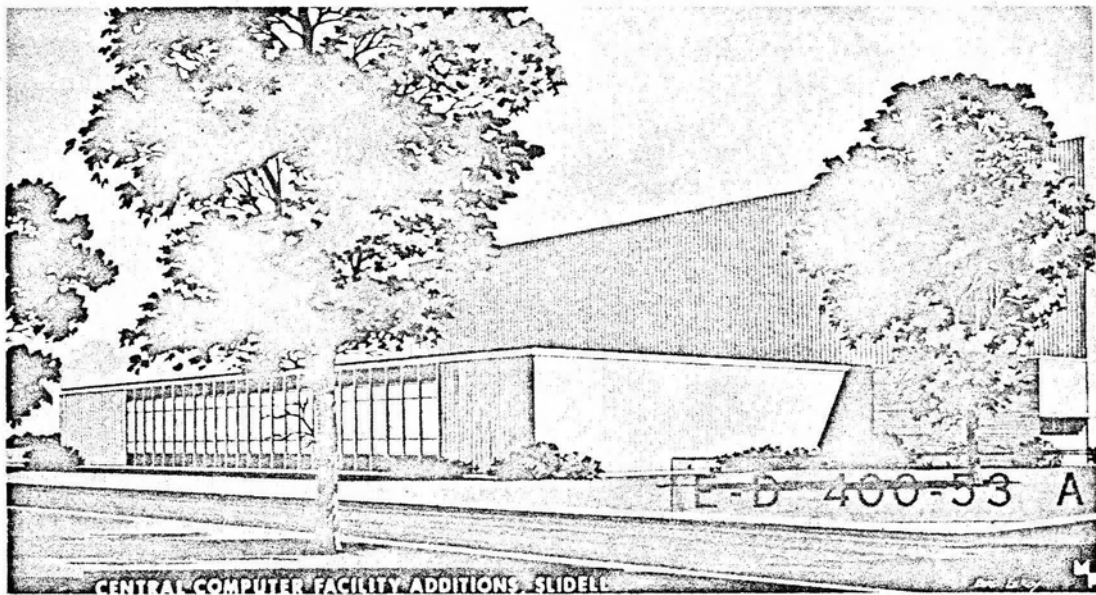
SLIDELL COMPUTER FACILITY



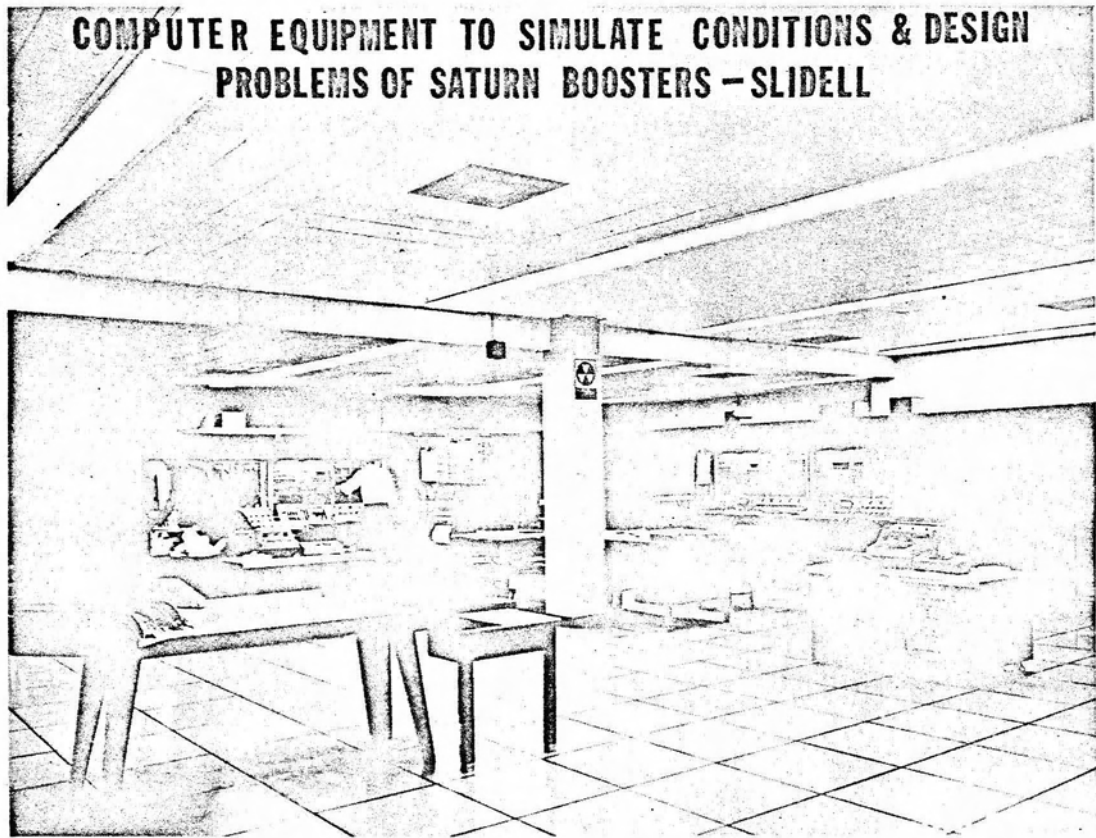
E-8 400-210

SLIDELL COMPUTER FACILITY AND ADDITION

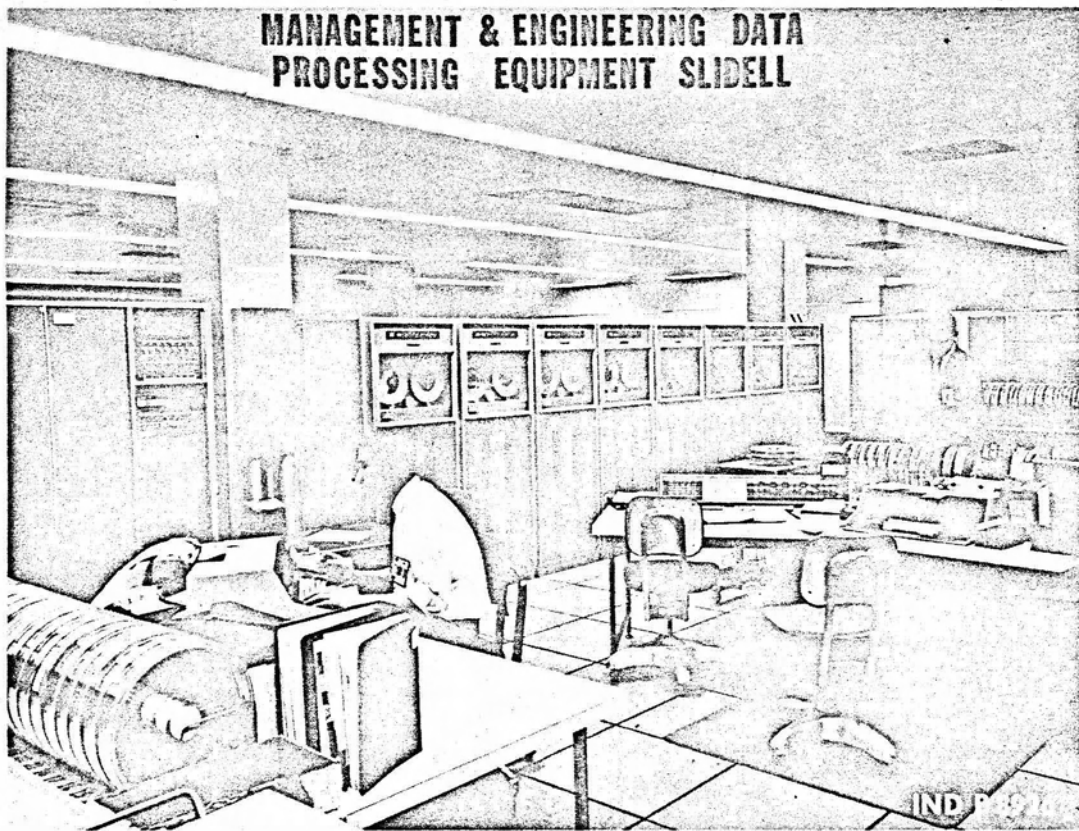




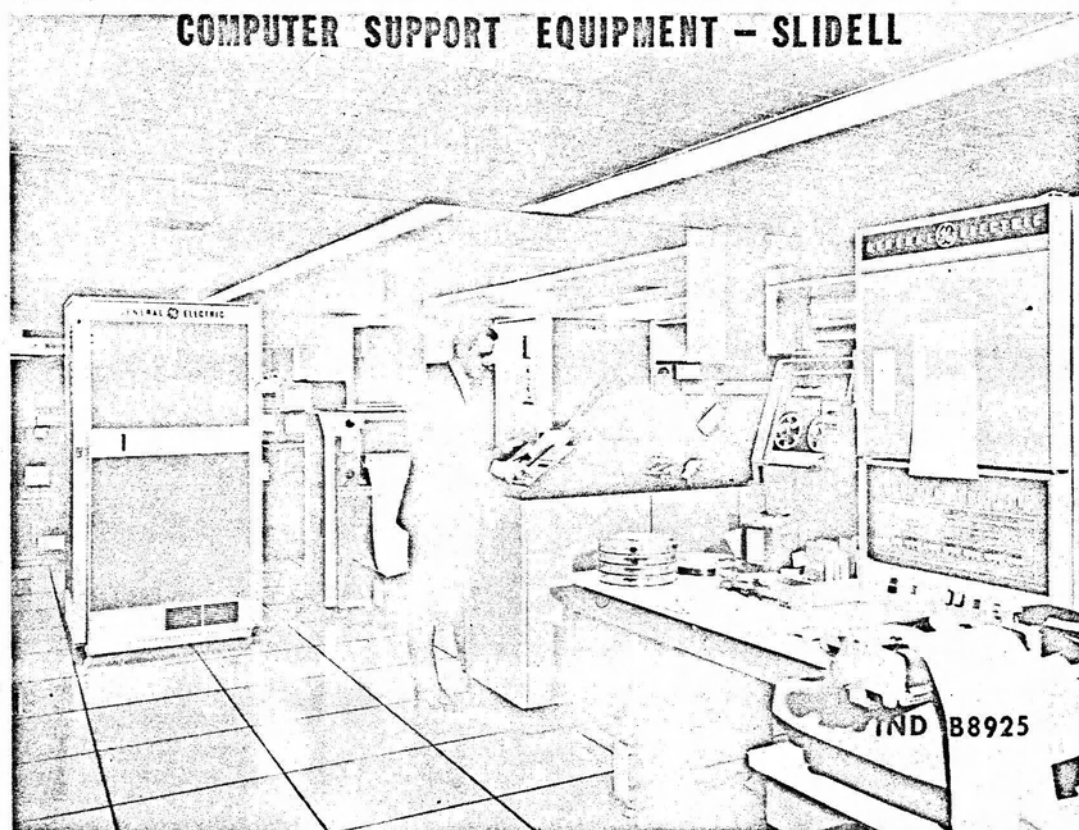
**COMPUTER EQUIPMENT TO SIMULATE CONDITIONS & DESIGN
PROBLEMS OF SATURN BOOSTERS - SLIDELL**



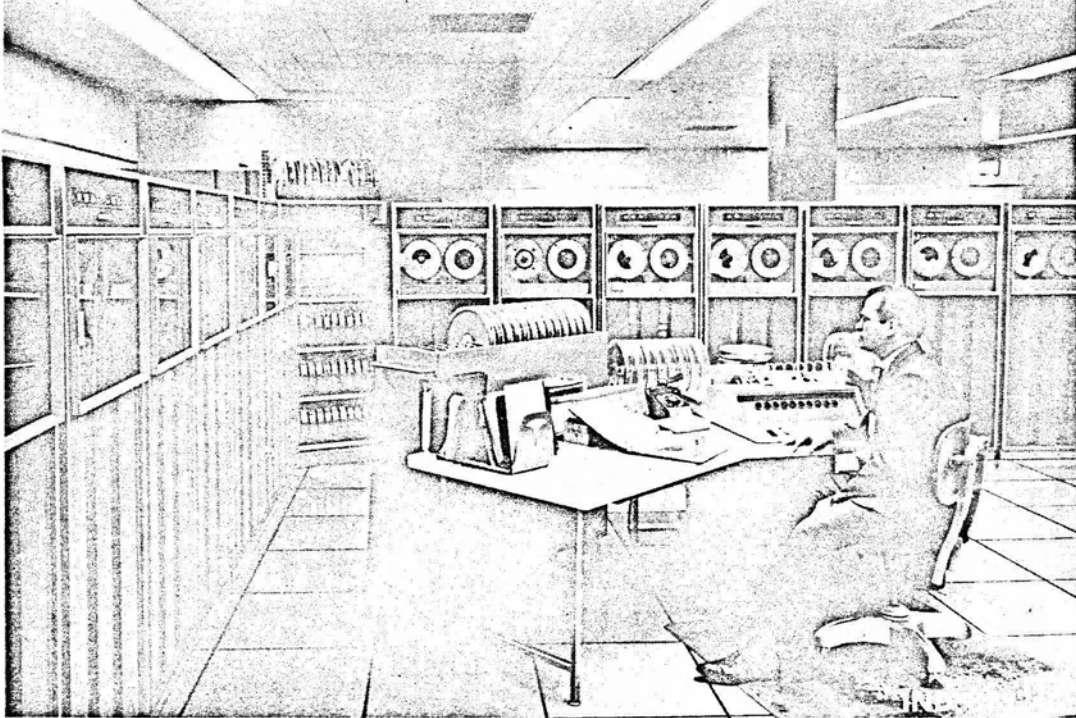
**MANAGEMENT & ENGINEERING DATA
PROCESSING EQUIPMENT SLIDELL**



COMPUTER SUPPORT EQUIPMENT - SLIDELL



**COMPUTER EQUIPMENT FOR ENGINEERING CONFIGURATION
WORK & RELIABILITY CHECKS SATURN BOOSTER COMPONENTS SLIDELL**



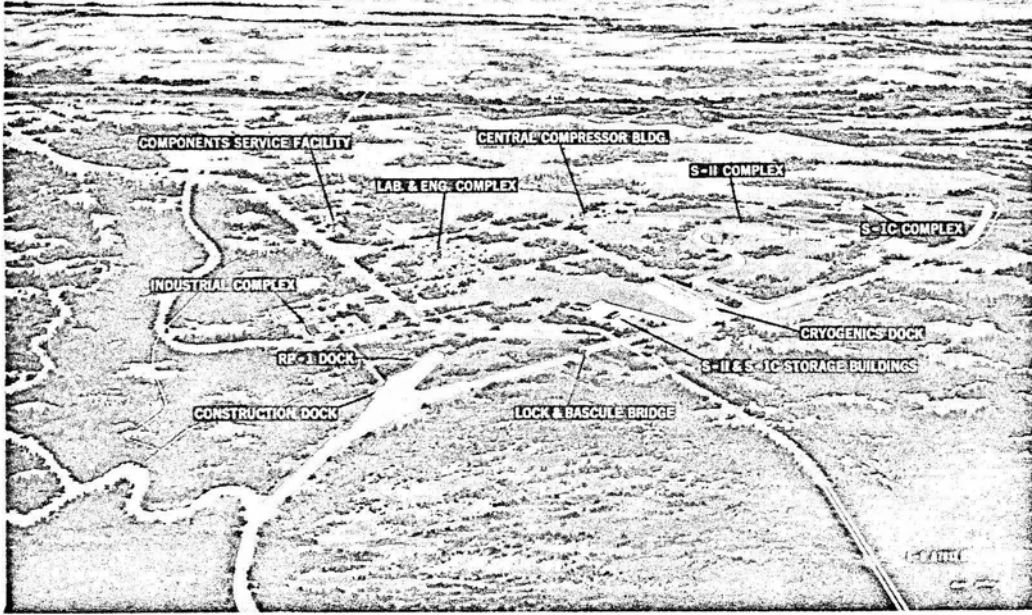
**MISSISSIPPI TEST FACILITY
GENERAL**

MISSISSIPPI TEST FACILITY

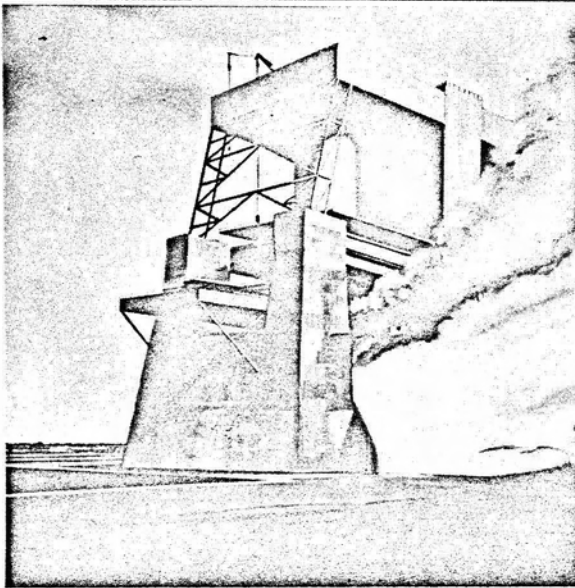
The MSFC mission at the Mississippi Test Facility is the acceptance testing of the first and second (S-IC and S-II) stages of the Saturn V vehicle at the rate of six S-IC and six S-II stages per year. This test facility is located in Hancock County, Mississippi and consists of a 13,428 acre test site surrounded by a 125,442 acre buffer zone. The test site is owned by NASA and restrictive easements which will exclude human habitation in the buffer zone are being obtained. The operational test area provides building space for approximately 456,000 square feet of engineering, laboratory and office space and approximately 368,000 square feet of storage and service space. The test facilities include an S-II stage test complex containing two S-II test stands, an S-IC test complex consisting of one dual S-IC test stand and all utilities and support facilities necessary to their operation. Most of the support facilities are grouped into three support areas consisting of a laboratory and engineering complex, an industrial complex and a components service complex.

The test site is provided with a navigable channel from the Pearl River which allows water transportation for the assembled stages from the Michoud Plant at New Orleans, Louisiana where the S-IC stage is assembled and from Seal Beach, California where the S-II stage is assembled. This channel is equipped with the necessary locks, docking facilities and branch channels to permit water access for each stage to its respective test complex where it can be lifted directly from its barge onto the test stand. A cryogenic dock and storage area is also provided to facilitate water transportation of liquid propellants. Land acquisition for NASA and construction of facilities by MSFC at the Mississippi Test Facility is accomplished through the U.S. Army Corps of Engineers, Mobile District. Preparation of criteria and the design, fabrication, installation and check-out of technical systems is performed directly by MSFC. MSFC will expend approximately \$256,000,000 for land acquisition and construction of facilities at the Mississippi Test Facility, using funds budgeted through FY 1965.

MISSISSIPPI TEST FACILITY - AERIAL VIEW



MISSISSIPPI TEST FACILITY

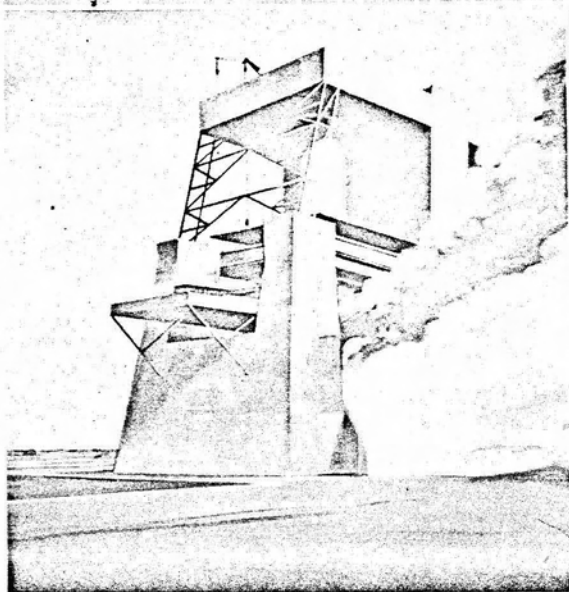


PRIMARY MISSION

TO BUILD, ACTIVATE AND
MANAGE A MAJOR FACILITY
FOR TESTING LARGE LAUNCH
VEHICLE STAGES

1-80-107554

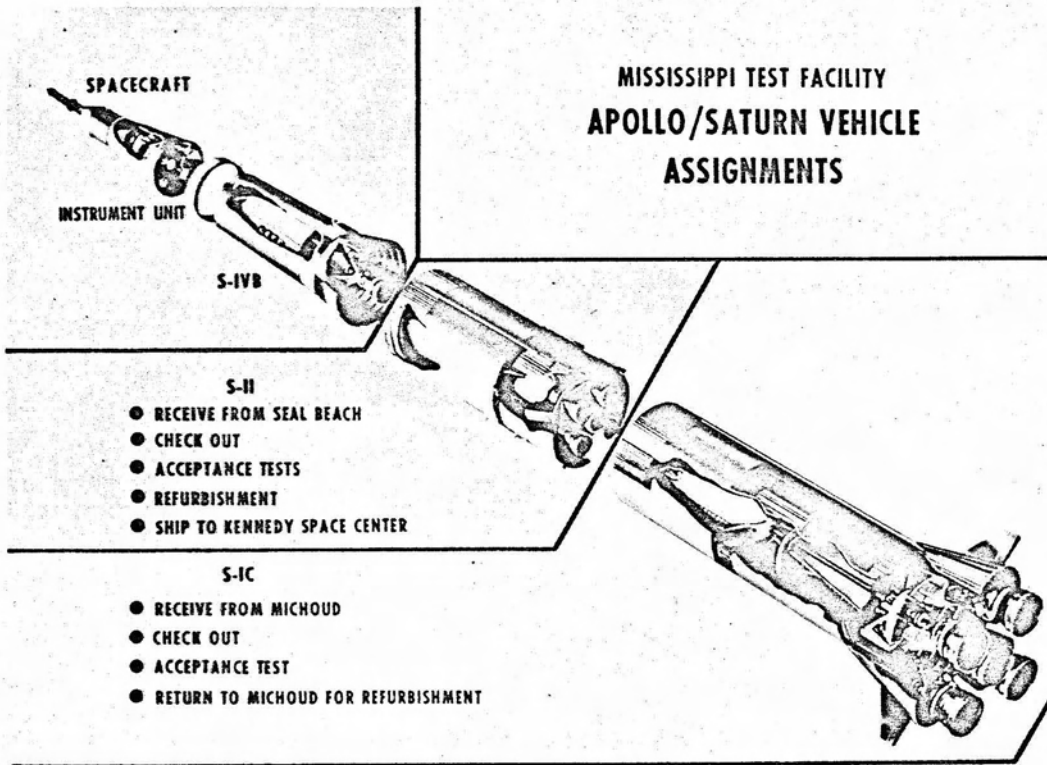
MISSISSIPPI TEST FACILITY



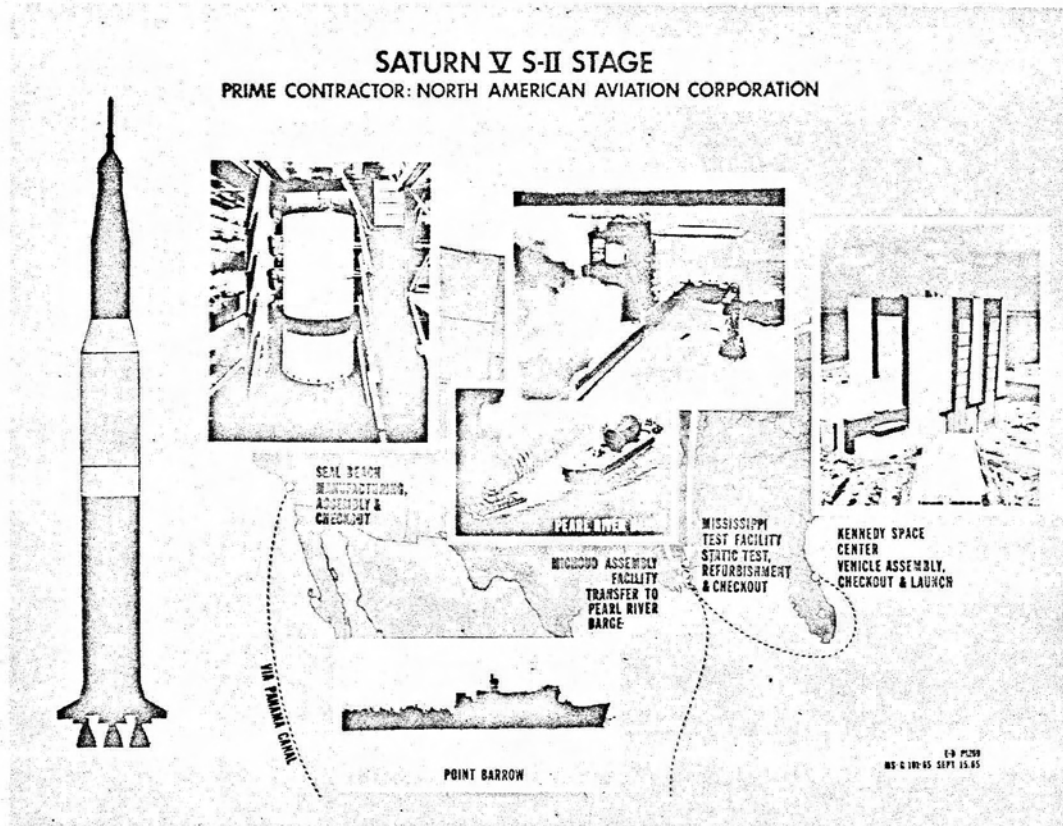
PRIMARY MISSION

- TO BUILD, ACTIVATE AND MANAGE A MAJOR FACILITY FOR TESTING OF LARGE LAUNCH VEHICLE STAGES
- INTEGRATE AND COORDINATE THE TESTING PROGRAMS FOR STAGE MANAGERS, PRIME CONTRACTORS & SUPPORT CONTRACTOR
- CONDUCT CHECKOUT & ACCEPTANCE TEST OF THE FIRST (S-1) & SECOND (S-2) STAGES OF THE SATURN LAUNCH VEHICLE
- REFURBISH THE S-1 & PREPARE IT FOR SHIPMENT TO KENNEDY SPACE CENTER
- CONTINUE DEVELOPMENT WORK ON THE F-1 & F-2 ENGINE THROUGH MULTI-ENGINE FULL DURATION FIRINGS

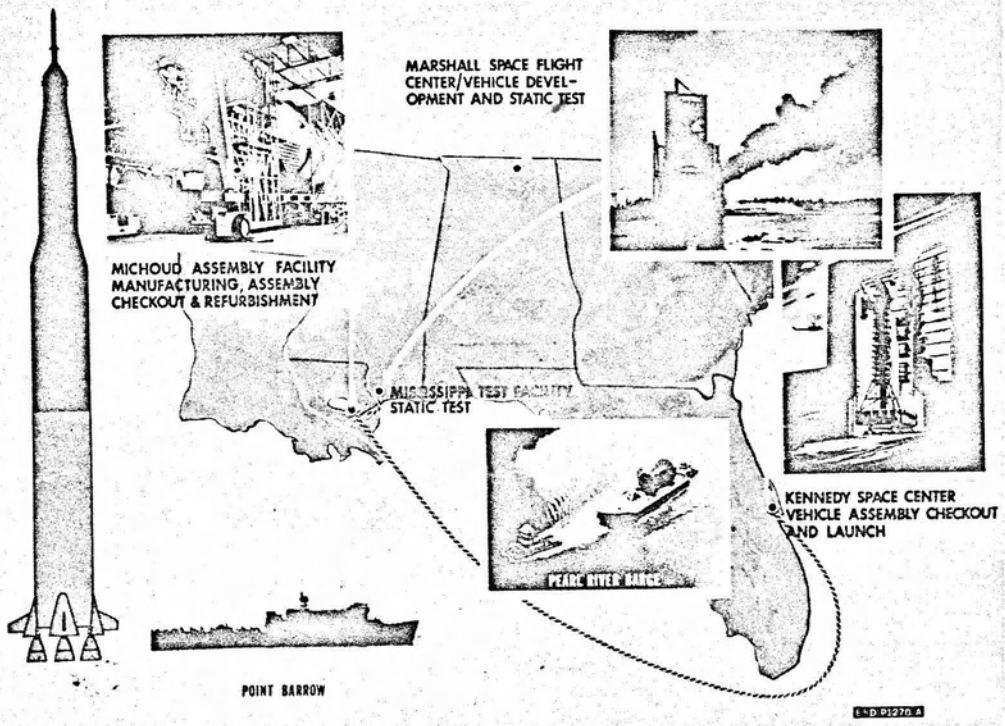
1-80-107554



ED-M7893



SATURN V S-IC STAGE
PRIME CONTRACTOR: BOEING CO.

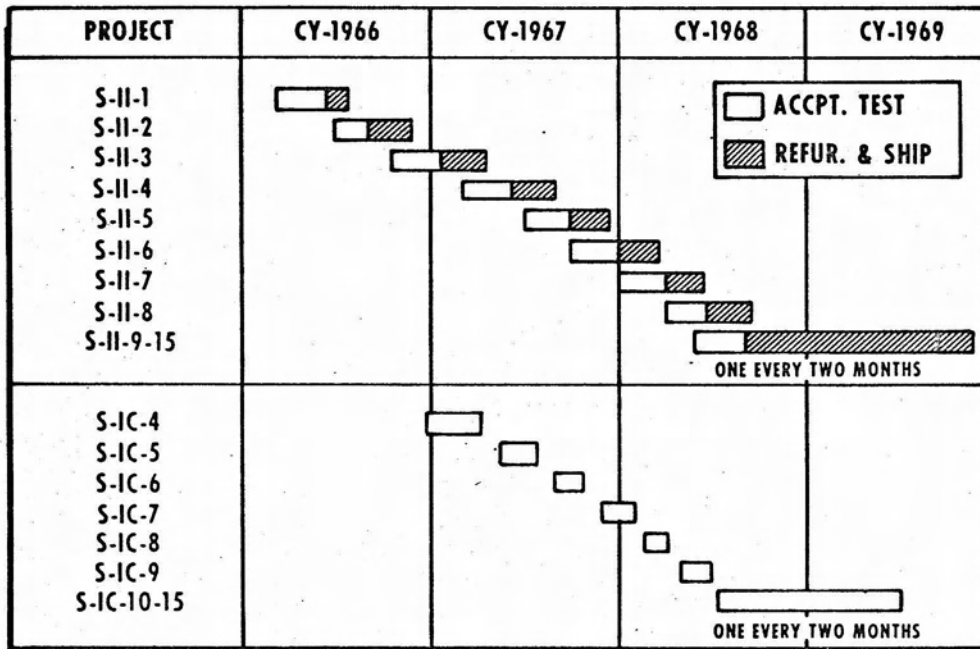


MISSISSIPPI TEST FACILITY
TEST STAND ACTIVATION SCHEDULE

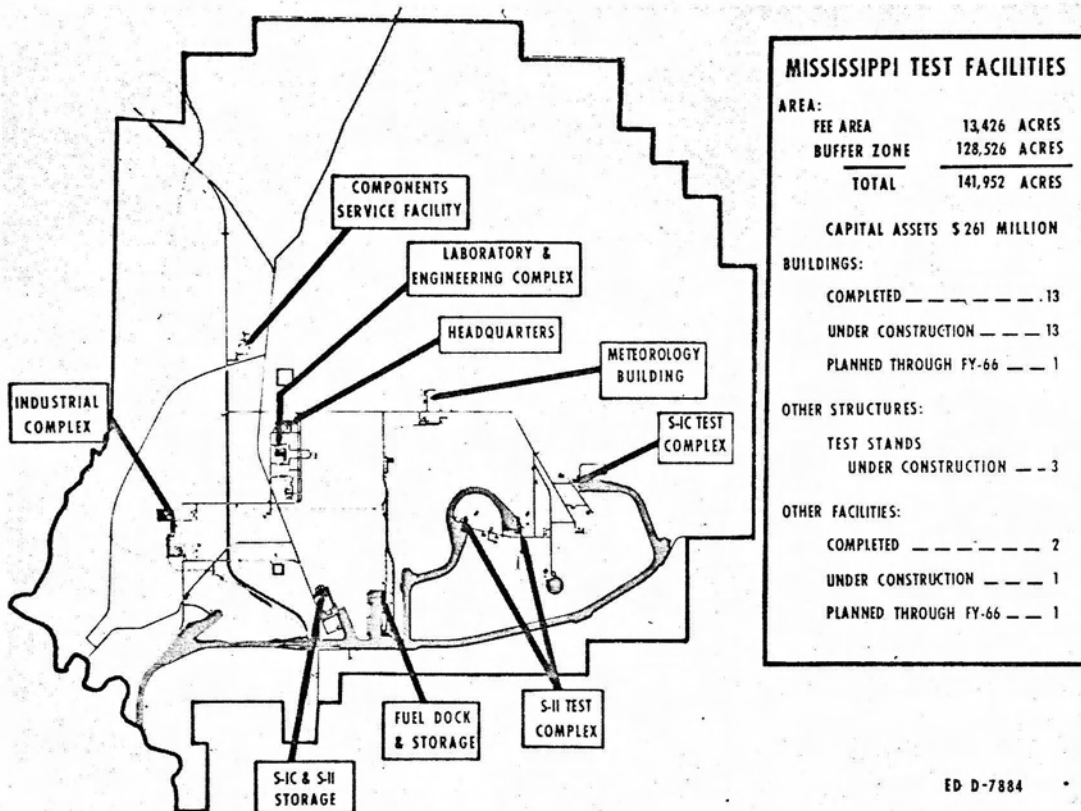
PROJECT	CY-1965	CY-1966	CY-1967
S-II TEST STAND ACTIVATION (A-2)	CONSTRUCTION	TECH SYS-GSE AND FACILITY C/O	AVAILABLE FOR ACCEPT TEST
S-II-1	SEAL BEACH FAB & ASSY	MTF C/O & SHIP	KSC ACCP TEST
		STAND REQUIREMENT DATE	REFUR & SHIP
S-IC TEST STAND ACTIVATION (B-2)	CONSTRUCTION	TECH SYS-GSE AND FACILITY C/O	AVAILABLE FOR ACCEPT TEST
S-IC-4	MICHOU FAB & ASSY	MTF C/O & SHIP	MICHOU ACCP TEST
		STAND REQUIREMENT DATE	REFUR & SHIP

E-D M 7892 B

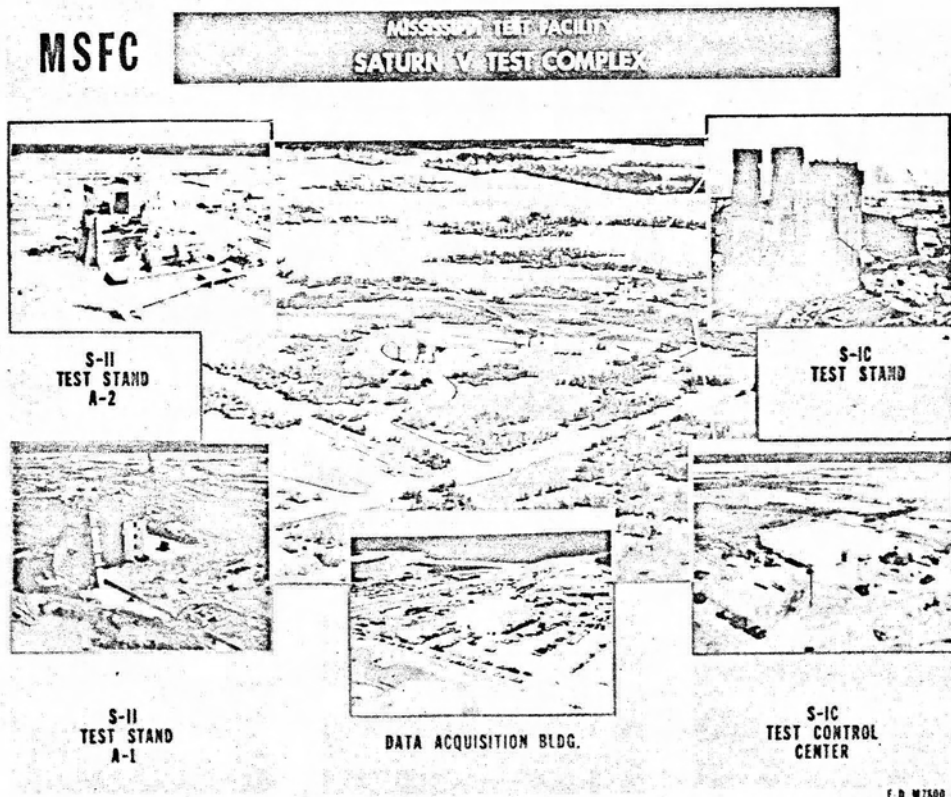
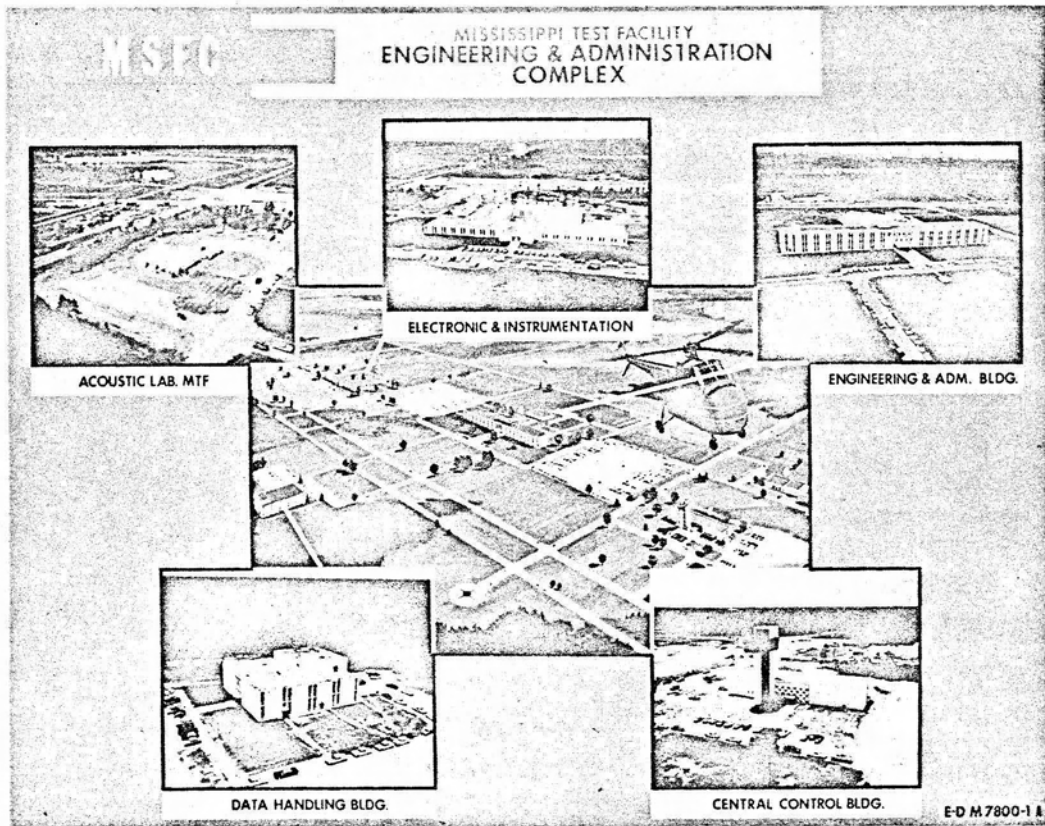
MISSISSIPPI TEST FACILITY TESTING SCHEDULE



E-D M7891 A

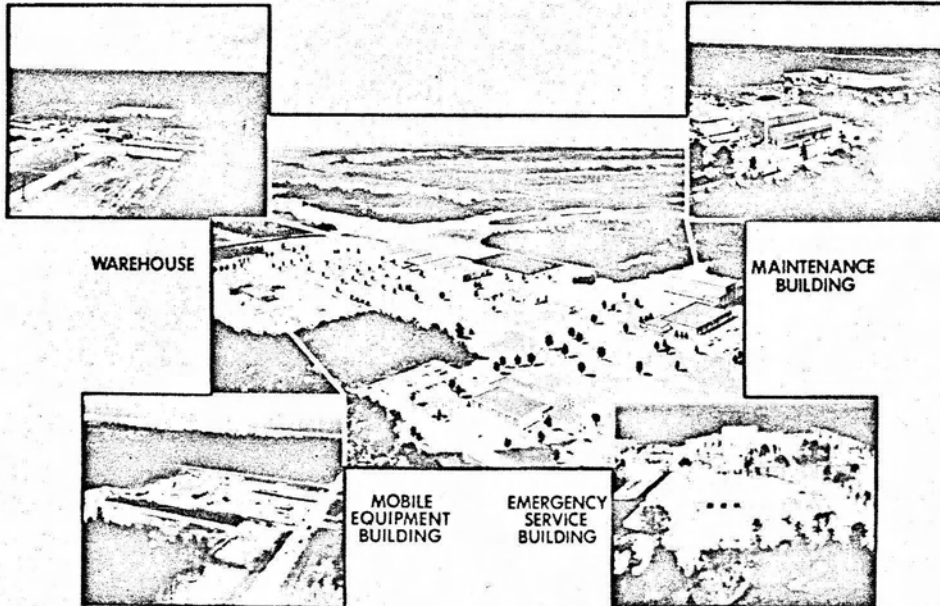


ED D-7884



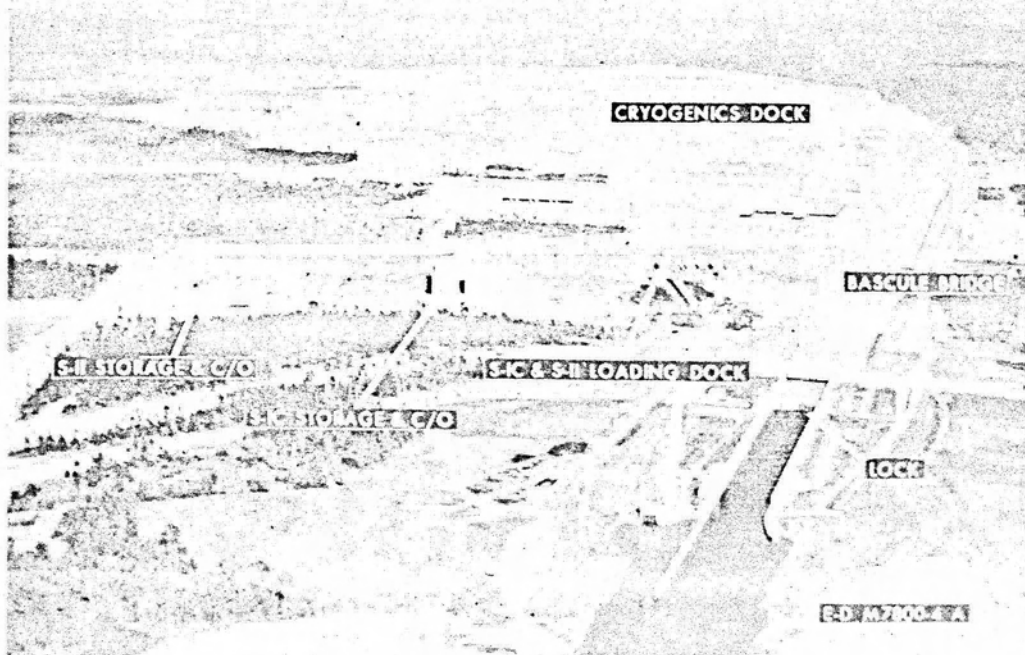
MSFC

**MISSISSIPPI TEST FACILITY
INDUSTRIAL COMPLEX**

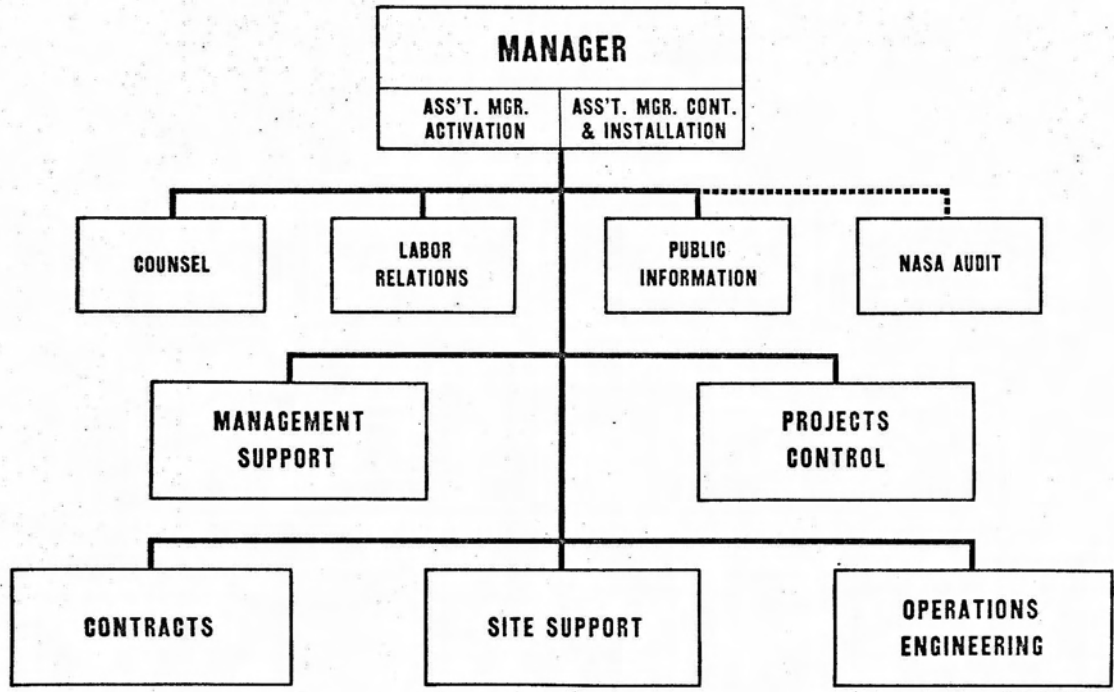


E-D-M7800-2C

DOCK & VEHICLE STORAGE AREA

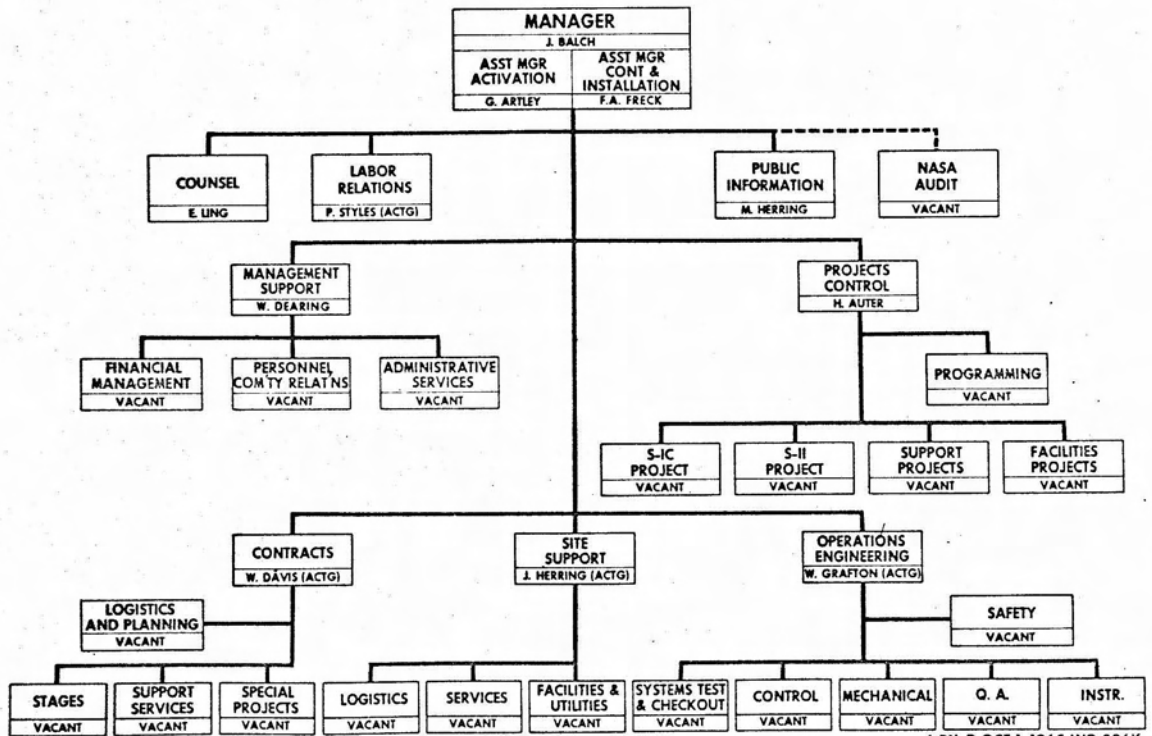


MISSISSIPPI TEST FACILITY



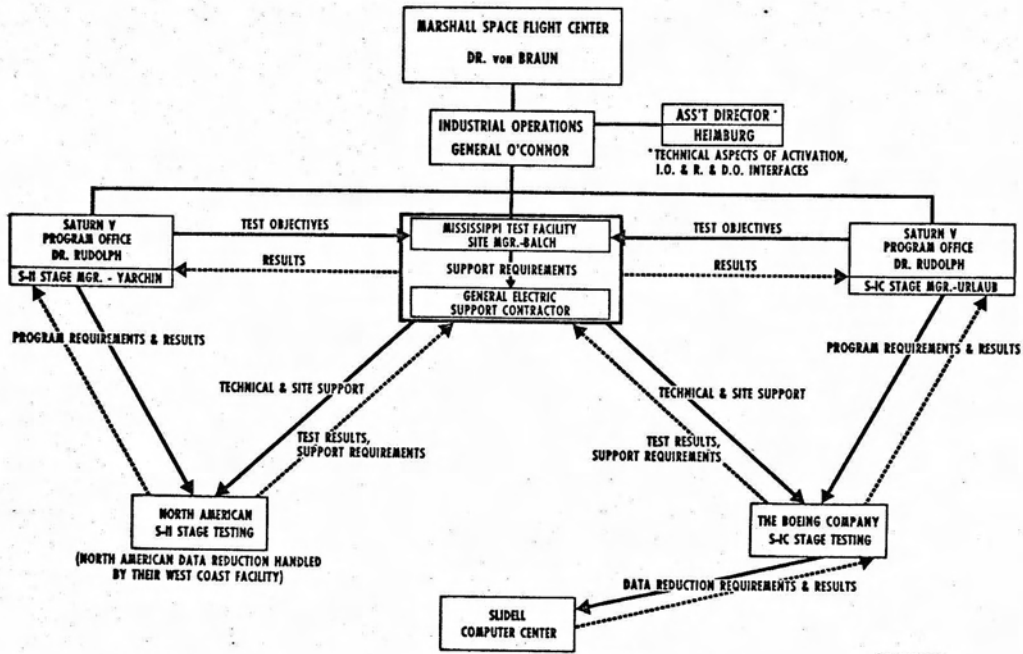
E-D M7888 C

GEORGE C. MARSHALL SPACE FLIGHT CENTER INDUSTRIAL OPERATIONS MISSISSIPPI TEST FACILITY



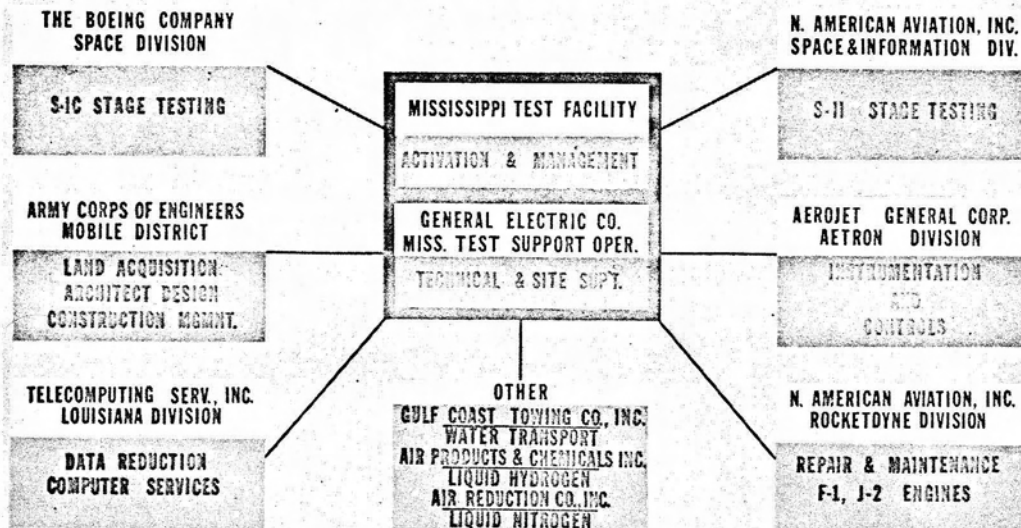
I-RM-D OCT 1, 1965 IND 806K

MISSISSIPPI TEST FACILITY MANAGEMENT RELATIONSHIPS



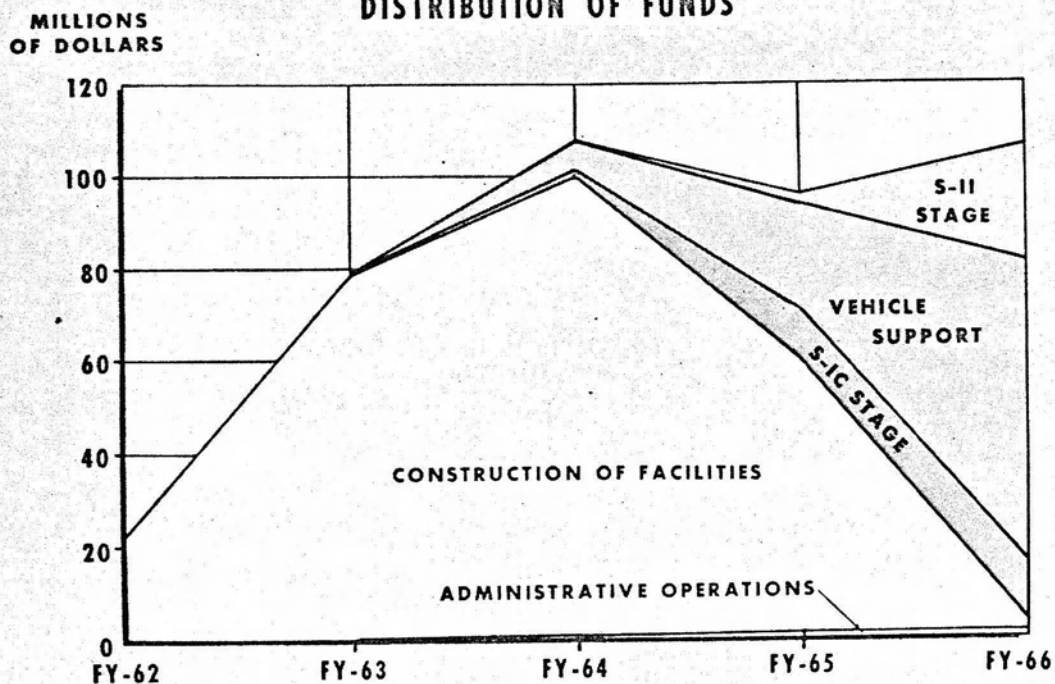
E-D M 7889B

MISSISSIPPI TEST FACILITY MAJOR CONTRACTORS



E-D M-7889-4 A

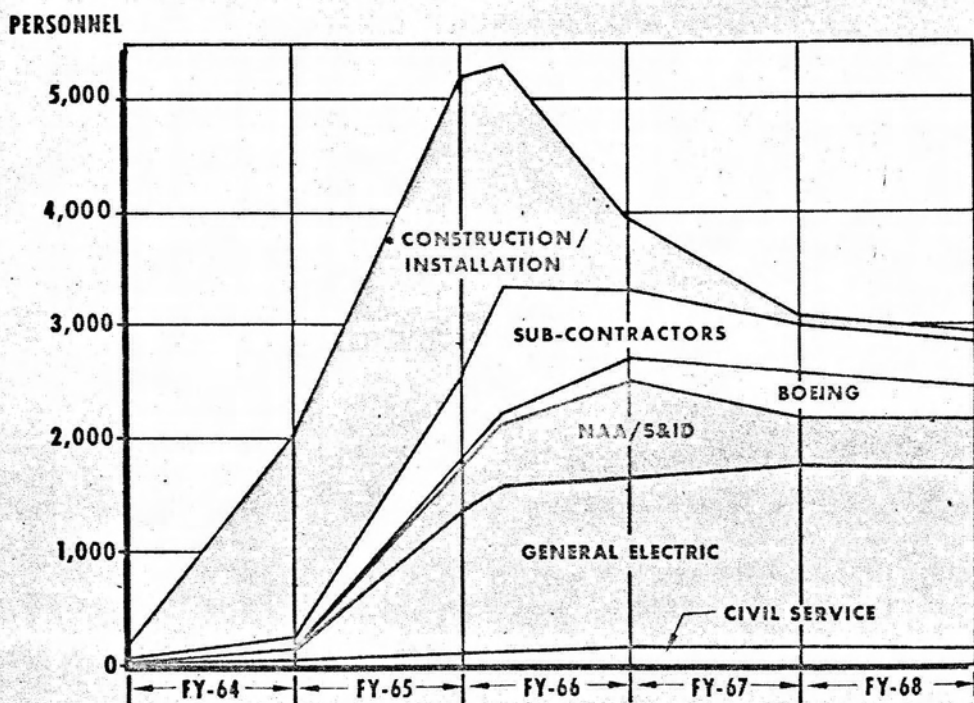
MISSISSIPPI TEST FACILITY DISTRIBUTION OF FUNDS



NOTES: 1. EXCLUDES \$1.75 MILLION, FY '65 & \$1.34 MILLION, FY '66, ENG. DEV. FUNDS.
 2. VEHICLE SUPPORT INCLUDES TECHNICAL EQUIPMENT, PROPELLANTS, AND ADMINISTRATIVE & TECHNICAL SUPPORT.

8/27/65 E-D M 7886 B

MTF PERSONNEL TREND

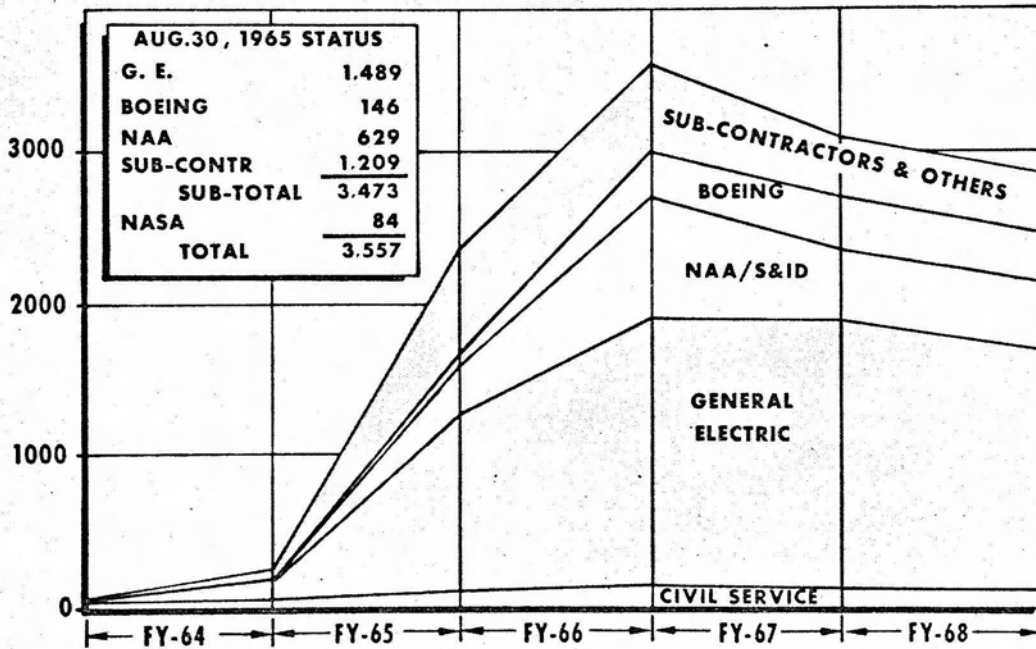


* INCLUDES CORPS OF ENGINEERS

OCT. 1, 1965 E-D M 500-11

MTF PERSONNEL TREND

PERSONNEL



NOTE: 1. EXCLUDES CONSTRUCTION /INSTALLATION PERSONNEL-2286
 2. EXCLUDES CORPS OF ENGINEERS - 163
 AUG. 30, 1965 E-D M 528 S

MISSISSIPPI TEST FACILITY ECONOMIC IMPACT

● NEW JOBS

MTF EMPLOYEES (CIVIL SERVICE AND CONTRACTOR)	
CONSTRUCTION WORKERS	
COLLATERAL INDUSTRIES	
SERVICE INDUSTRIES	
TOTAL	

STATE OF MISSISSIPPI	AREA TOTAL
2,700	3,000
2,300	2,600
600	700
3,400	3,800
9,000	10,100

● SALARIES AND WAGES

\$65,000,000 \$72,000,000

● ESTIMATED RETAIL SALES

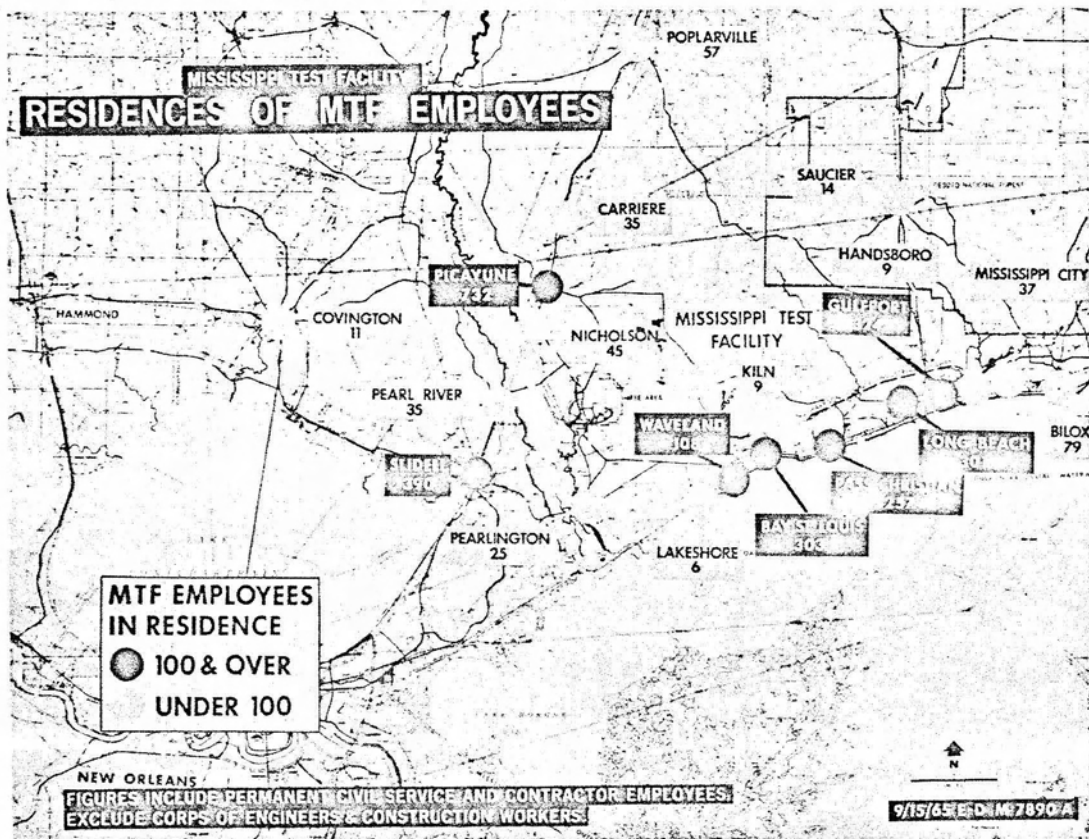
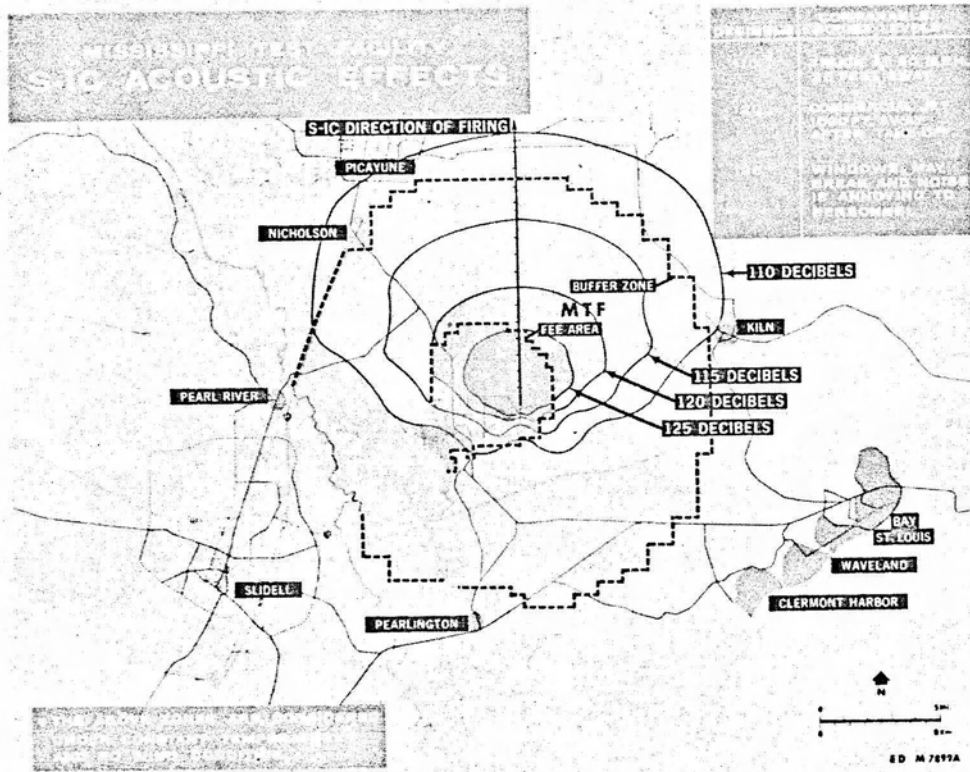
\$39,000,000 \$43,000,000

● NEW RESIDENTS

21,000 32,000

● ANNUAL VISITORS 20,000

8/65 E-D M 7887 A

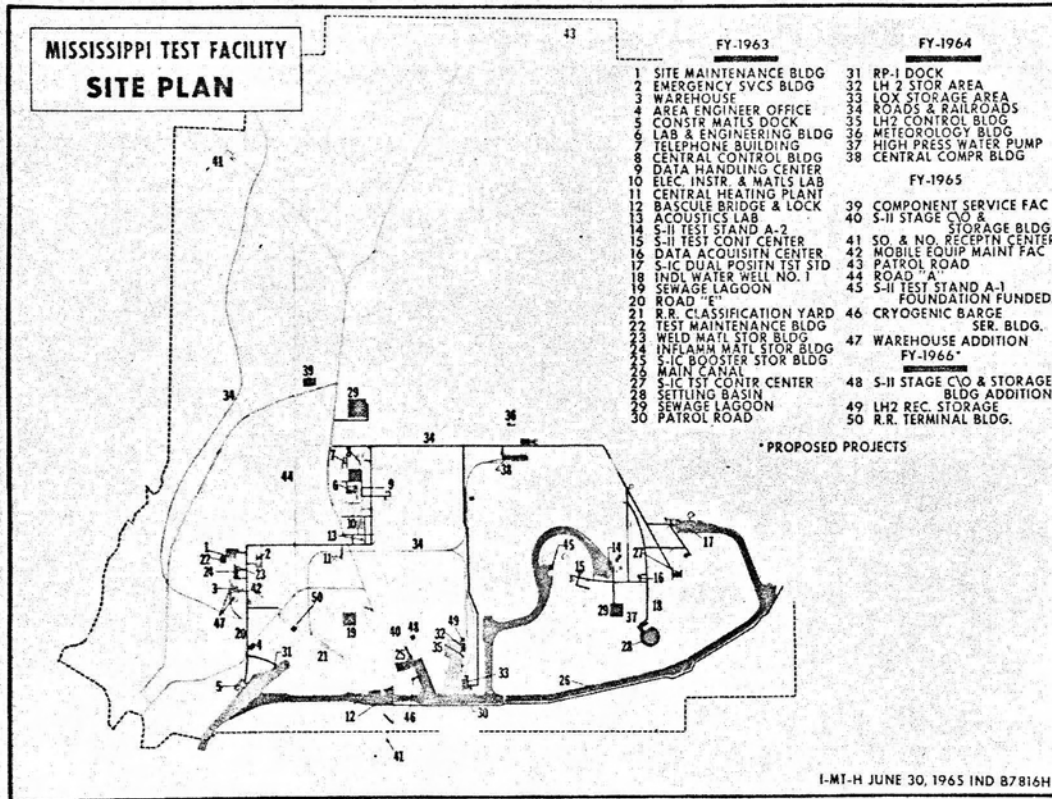


MSFC - MISSISSIPPI TEST FACILITY GENERAL DATA

CONSTRUCTION STATUS				PERSONNEL & CONTRACTOR			
PROJECT	PERCENT COMPLETE	BOD	OPERATIONAL	OPERATIONAL CONTRACTOR	PERSONNEL		MISSION
					H'VILLE	MTF	
MOBILE EQUIP. MAINT. BLDG.	67	MAY 66	JUL 66	GENERAL ELECTRIC	45	1,389	SUPPORT
S-II TEST STAND A-2	99	SEPT 65	APR 66	BOEING CO.	128	104	S-IC
S-II TEST STAND A-1	42	MAY 66	APR 67	NORTH AMERICAN	0	677	S-II
S-IC TEST STAND B-2	53	JUN 66	FEB 67	SUB-CONTRACTORS	0	1,192	SUPPORT
S-IC TEST STAND B-1	0	JAN 67	JUL 67	OTHER	0	18	
S-II VERTICAL CHECKOUT BLDG	53	APR 66	DEC 66	GOVERNMENT (C.S.)	1	76	MANAGEMENT & CONTRACT SURVEILLANCE
CENTRAL CONTROL BUILDING	COMPL	JUL 65	JAN 66	CONST/INSTAL CONTRACTORS	43	1,812	CONST TECH SYSTEM
NAV. LOCK & LOCK WATER SUPPLY	COMPL	JUN 65	JUL 65	CORPS OF ENG	0	136	CONSTRUCTION
MAIN CANAL	COMPL	MAY 65	JUL 65	TOTAL	217	5,404	
SONIC MEASURING FACILITY	97	OCT 65	NOV 65	FACILITIES FUNDING BY YEAR		LAND ACQUISITION	
ROADS, RAILROADS & UTILITIES	99	FEB 66	JUL 66	YEAR	FUNDED	AREA	TOTAL
ELECTRONICS, INSTRUMENTATION & MATERIALS LAB	COMPL	JUL 65	SEPT 65	THRU 1963	100,673,000	FEE	13,427*
TEST MAINTENANCE BUILDING	COMPL	SEPT 65	SEPT 65	1964	99,747,800	BUFFER	125,344*
WAREHOUSE ADDITION	75	JUL 66	NOV 66	1965	58,383,000	} \$16,977,400	
				TOTAL	258,803,800	*ACRES	

I-RM-D OCT 5, 1965 IND 87826H

MISSISSIPPI TEST FACILITIES



MSFC FACILITIES-MAJOR PROJECTS SCHEDULE-MISSISSIPPI

	CY 1964					CY 1965					CY 1966					CY 1967				
	J	F	M	A	M	J	F	M	A	M	J	F	M	A	M	J	F	M	A	M
S-IC TEST STAND POSITION B-2 (NOTE 1)																				
S-IC TEST STAND POSITION B-1																				
S-IC TEST CONTROL CENTER																				
S-II TEST STAND A-2																				
S-II TEST STAND A-1 (NOTE 3)																				
S-II TEST CONTROL CENTER (A-2)																				
S-II TEST CONTROL CENTER (A-1)																				
S-II CHECKOUT AND STORAGE BLDG																				
S-II CHECKOUT AND STORAGE BLDG ADDITION (NOTE 2)																				
TRANSPORTATION AND PARKING FACILITIES																				
COMPONENTS SERVICES FACILITY																				
ADDITION UTILITY INSTALLATION AND SUPPORT FACILITY																				
SECURITY CONTROL FACILITY																				
MOBILE EQUIPMENT OPERATION BLDG																				
CRYOGENICS BARGE SERVICE BLDG																				
WAREHOUSE ADDITION.																				

NOTES:

1. REVISIONS IN PLAN PRESENTED TO MSF OCTOBER 26.
2. PROJECT POSTPONED PENDING RE-EVALUATION OF C/O REQUIREMENTS.
3. SCHEDULES FOR ACTIVATION & TESTING IN STAND A-1 BEING STUDIED.

SCHEDULE

PROGRESS

CURRENT SCHEDULE

EVENT ACCOMPLISHED

I-FC-PC NOV 1965 IND B7800X

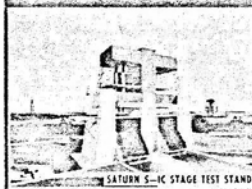
MSFC - MISSISSIPPI
APPROVED FISCAL YEAR 1966 FACILITIES



WAREHOUSE ADDITION



SECURITY CONTROL CENTER NORTH

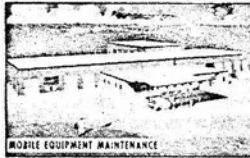


SATURN S-1C STAGE TEST STAND



COMPONENTS SERVICE FACILITY

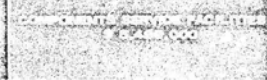
**ADDITIONAL UTILITY
 INSTALLATIONS &
 SUPPORT FACILITIES
 \$9,633,000**



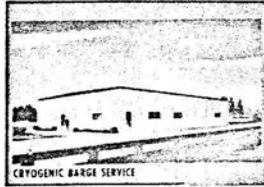
MOBILE EQUIPMENT MAINTENANCE



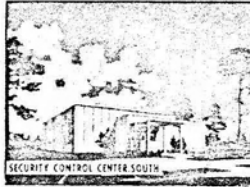
SATURN S-1C STAGE TEST STAND



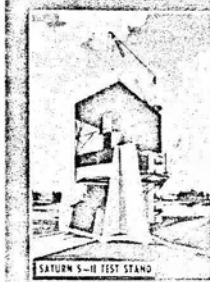
SATURN S-1C STAGE TEST STAND



CRYOGENIC BARGE SERVICE



SECURITY CONTROL CENTER SOUTH



SATURN S-II TEST STAND

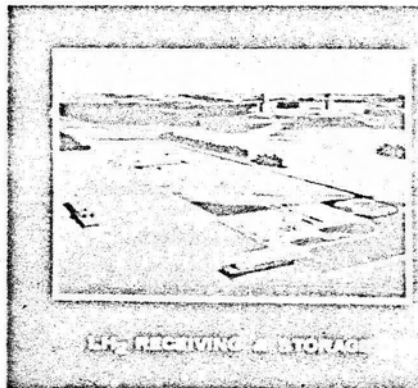


SATURN S-II VERTICAL CHECKOUT & STG

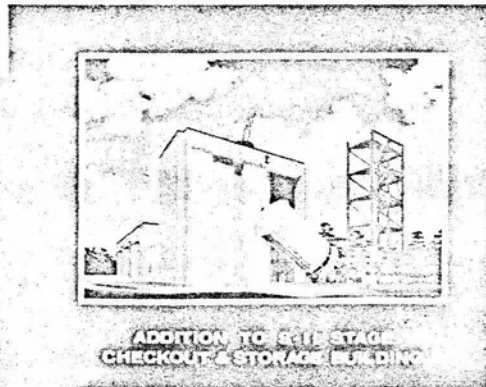
ED B7877 C

MSFC-MTF
FISCAL YEAR 1966 FACILITIES PROGRAM

**GENERAL SUPPORT
 FACILITIES - \$792,300**



RECEIVING & STORAGE



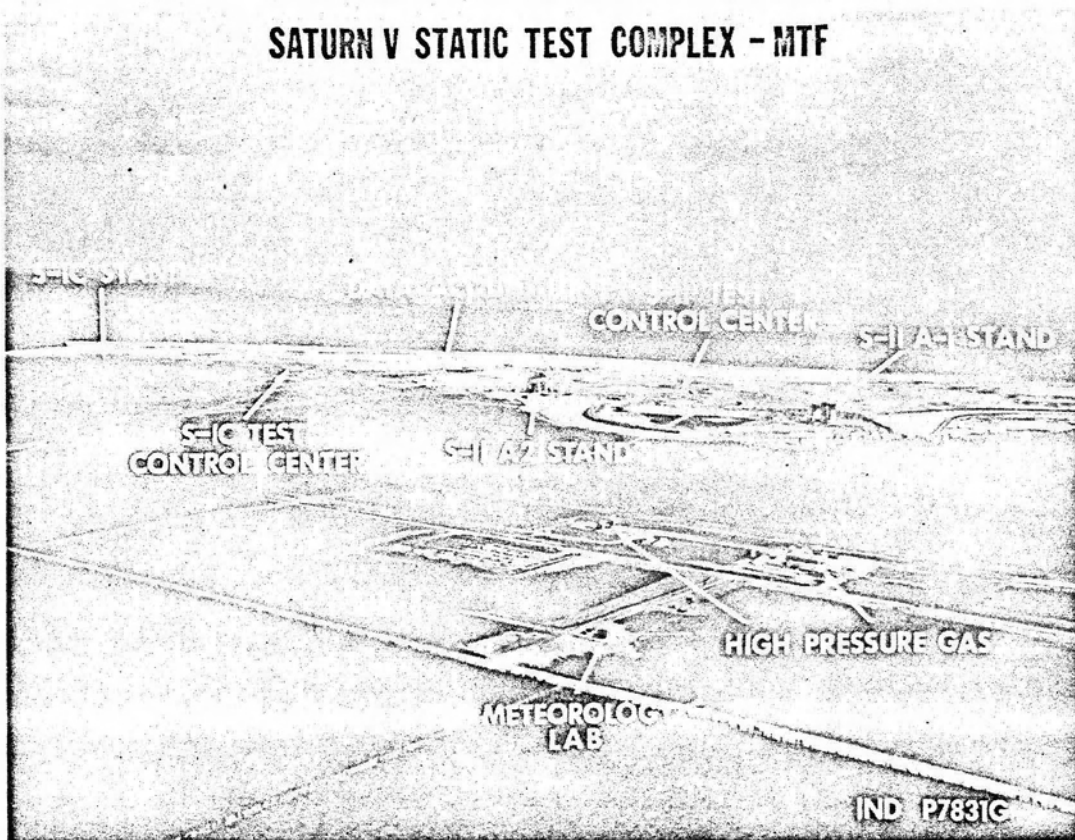
ADDITION TO S-1C STAGE
 CHECKOUT & STORAGE BLDG. BENT

**SATURN V SECOND STAGE
 (S-II) STATIC TEST FACILITIES
 \$1,118,150**

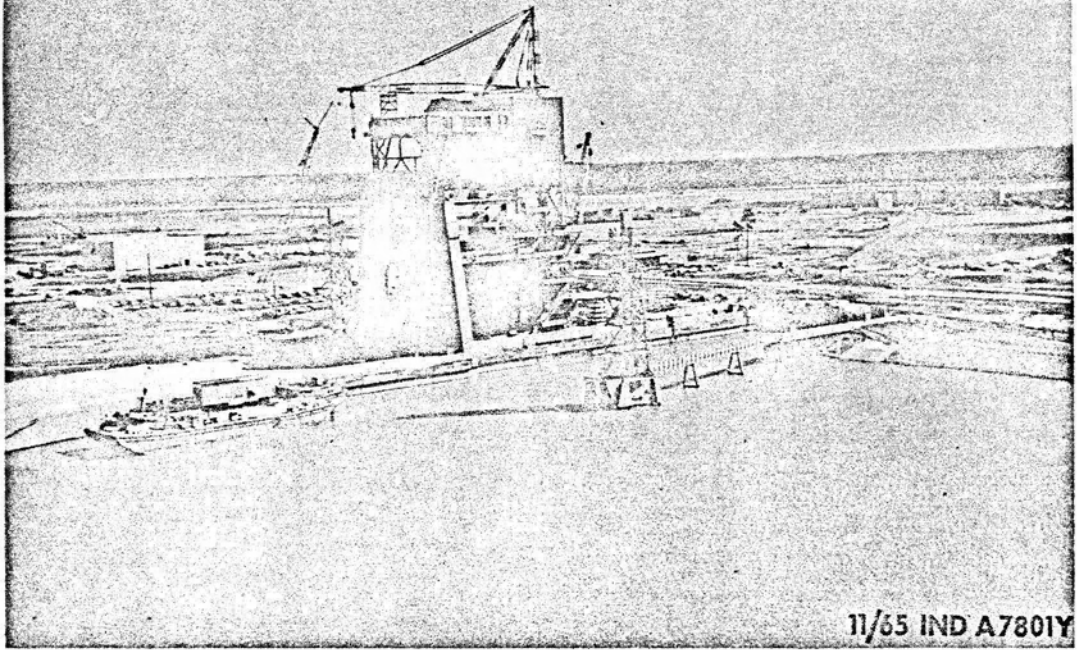
ED B7881B



SATURN V STATIC TEST COMPLEX - MTF

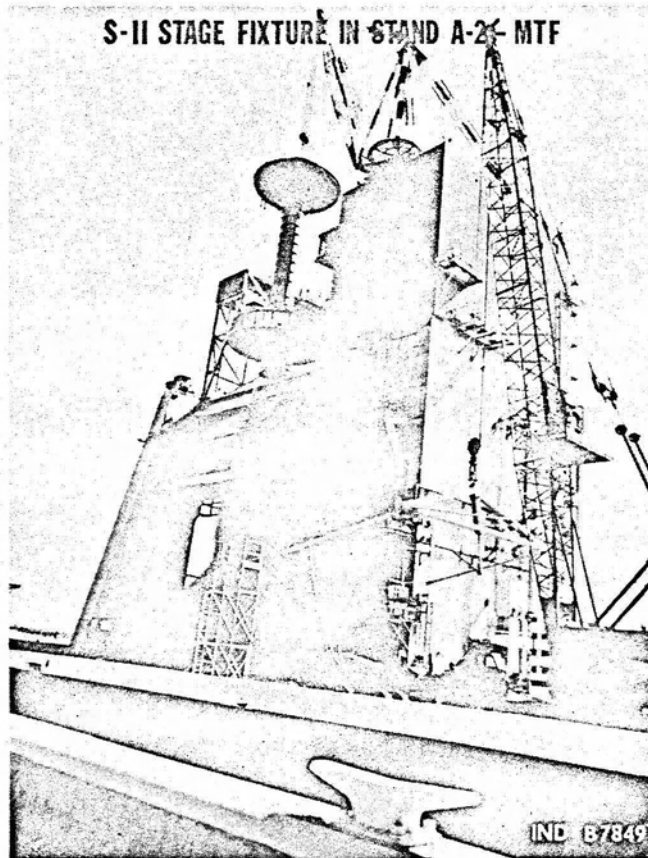


S-II TEST STAND A-2-MTF

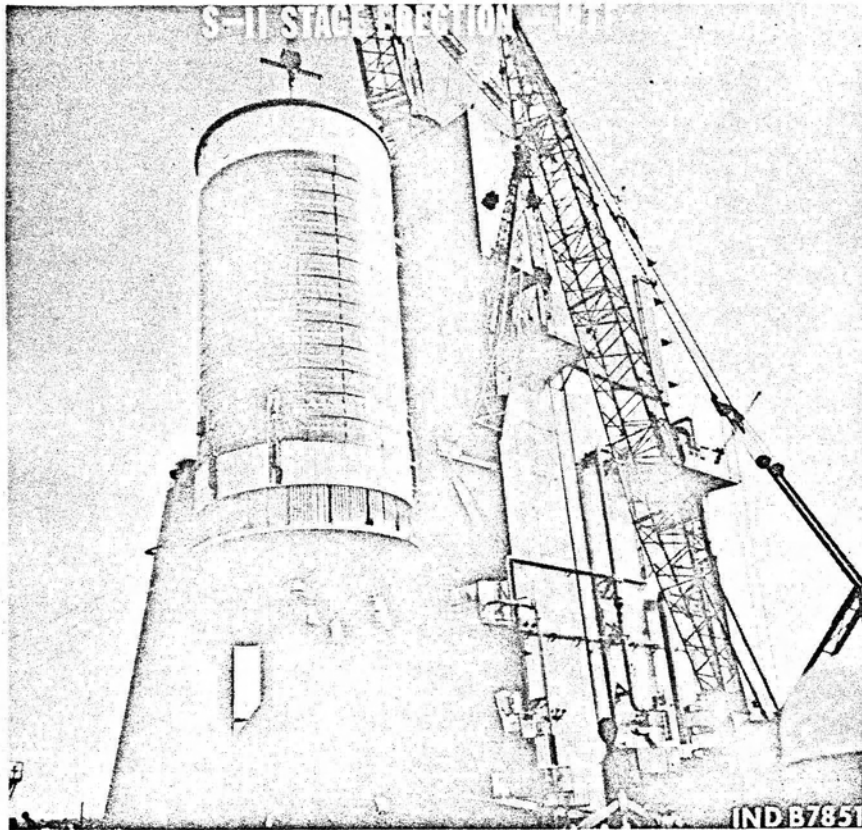


11/65 IND A7801Y

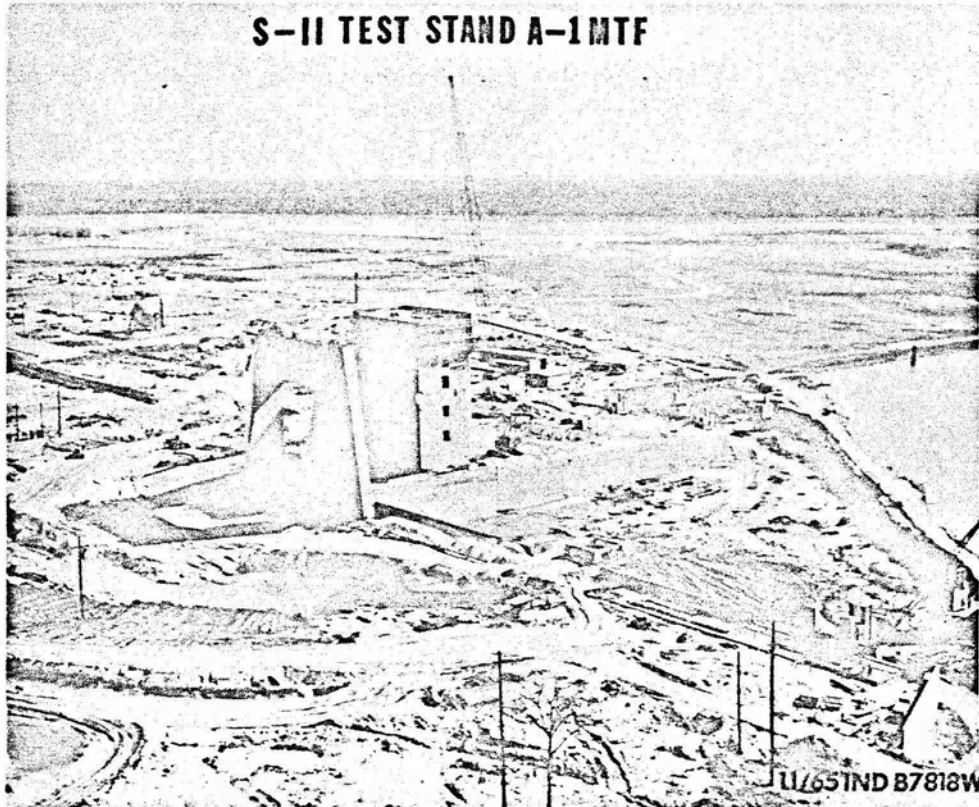
S-II STAGE FIXTURE IN STAND A-2-MTF



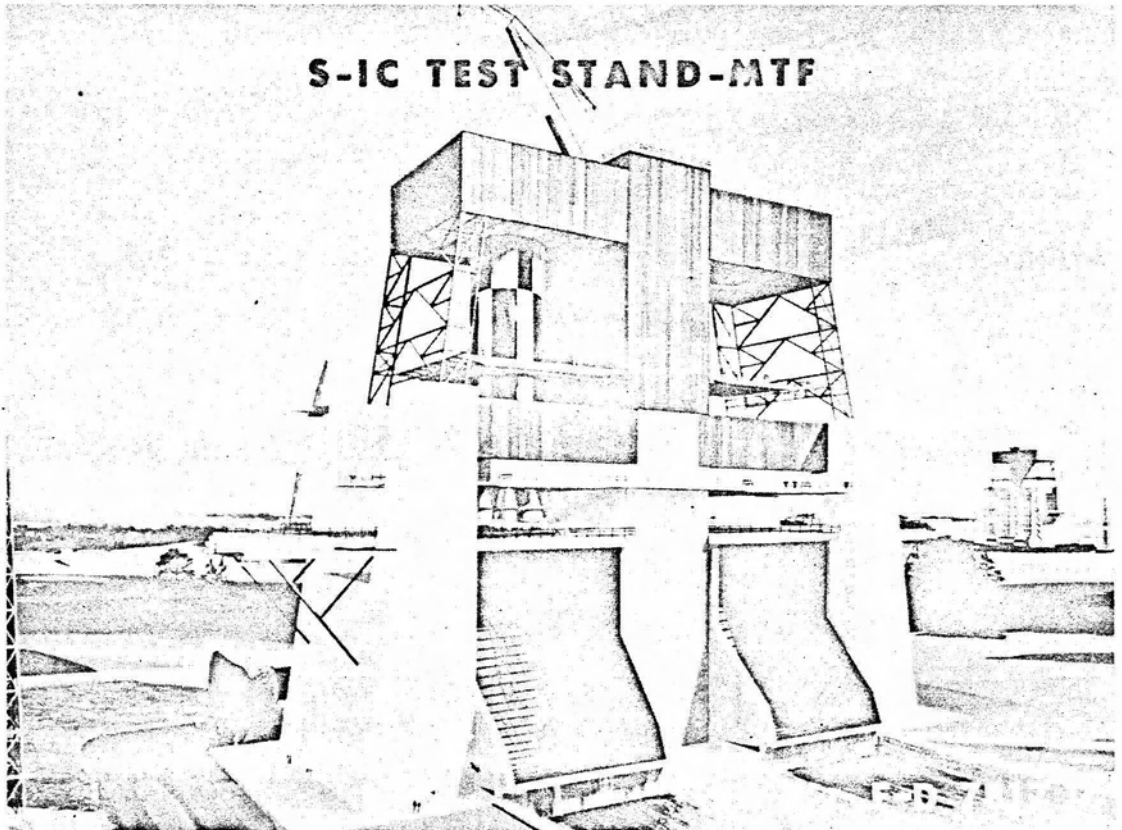
IND B7849



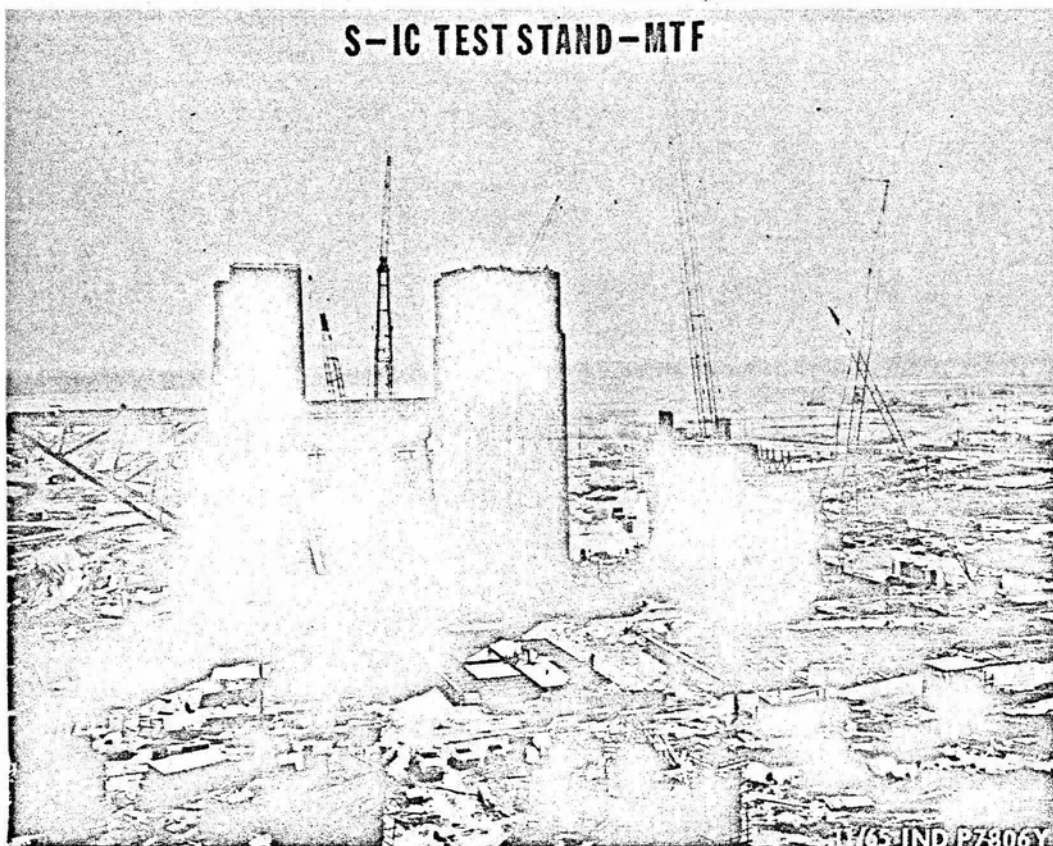
S-II TEST STAND A-1MTF



S-IC TEST STAND-MTF

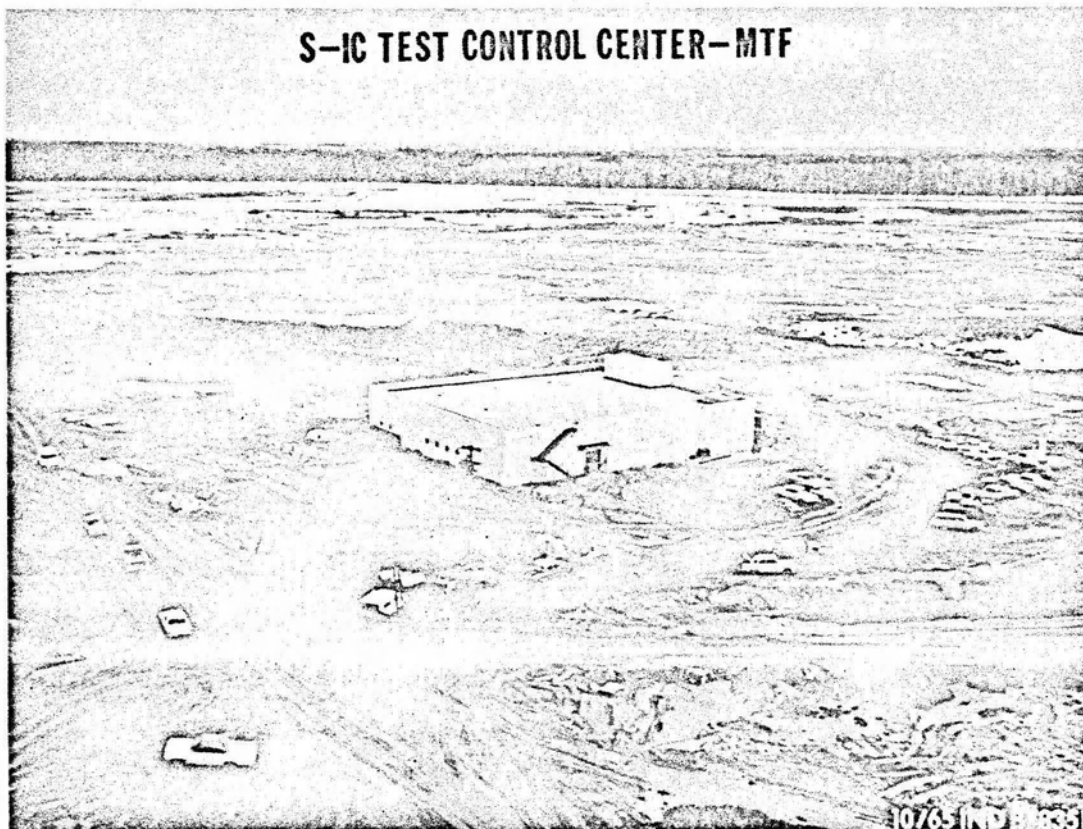


S-IC TEST STAND-MTF



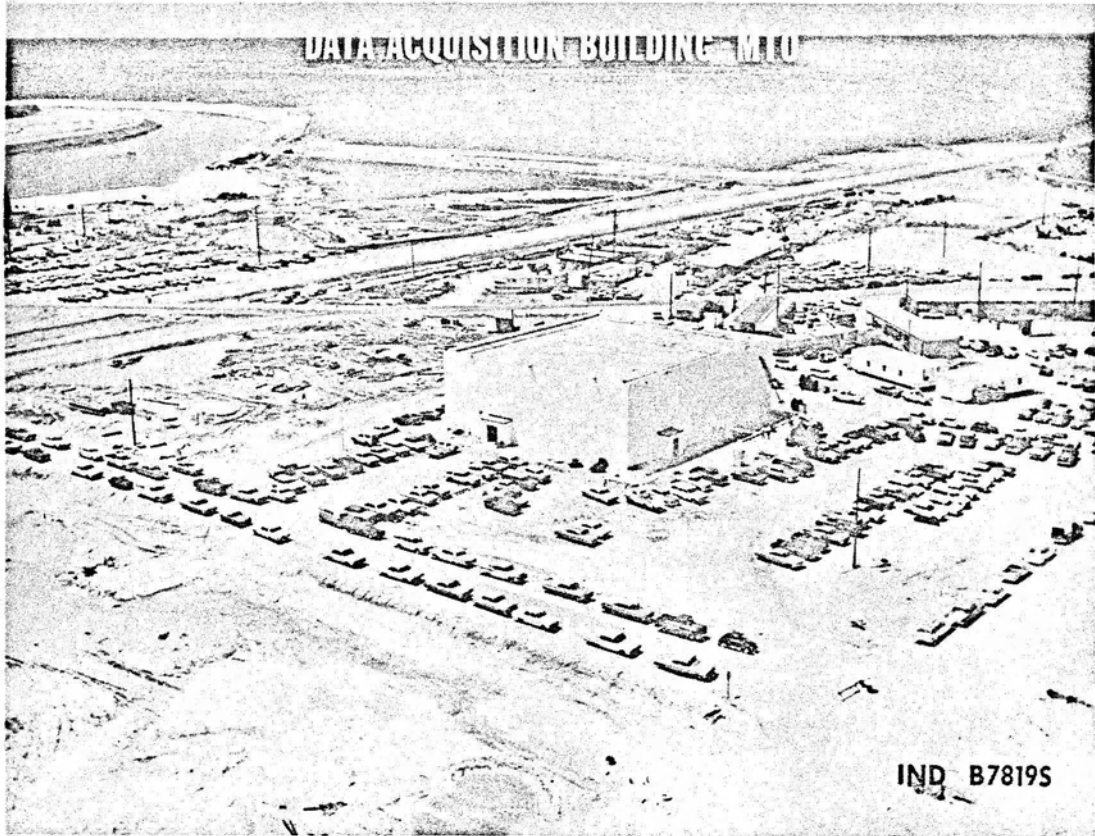
1076-IND-P7806Y

S-IC TEST CONTROL CENTER-MTF



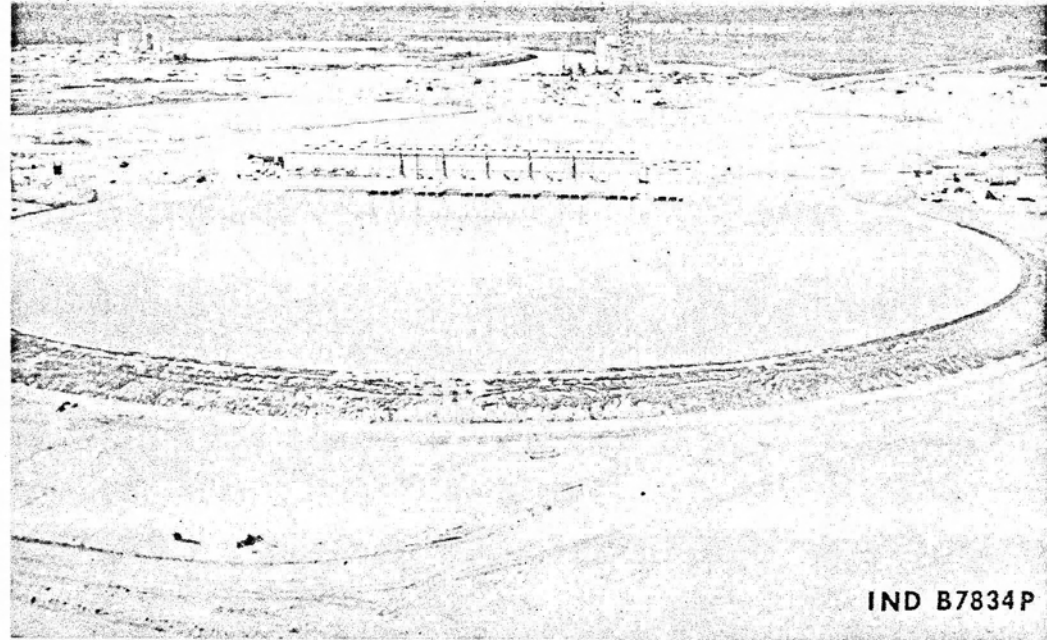
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DATA ACQUISITION BUILDING - MTF



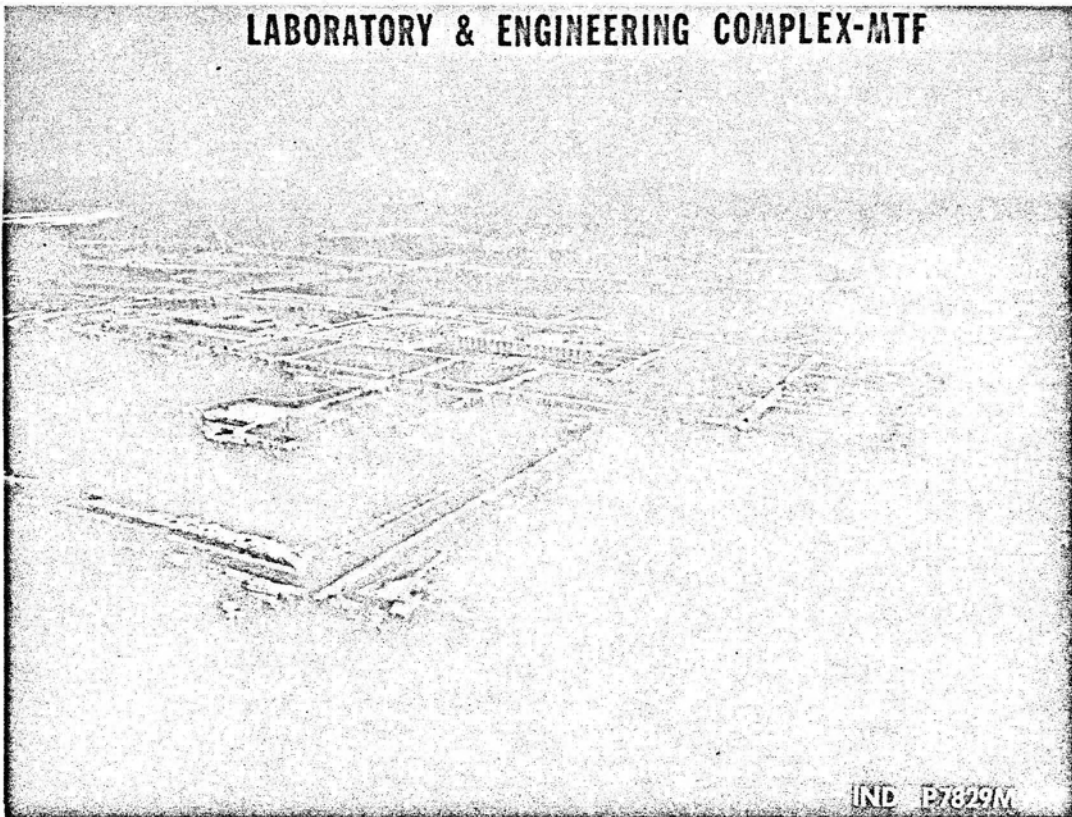
IND B7819S

HIGH PRESSURE WATER FACILITY - MTF



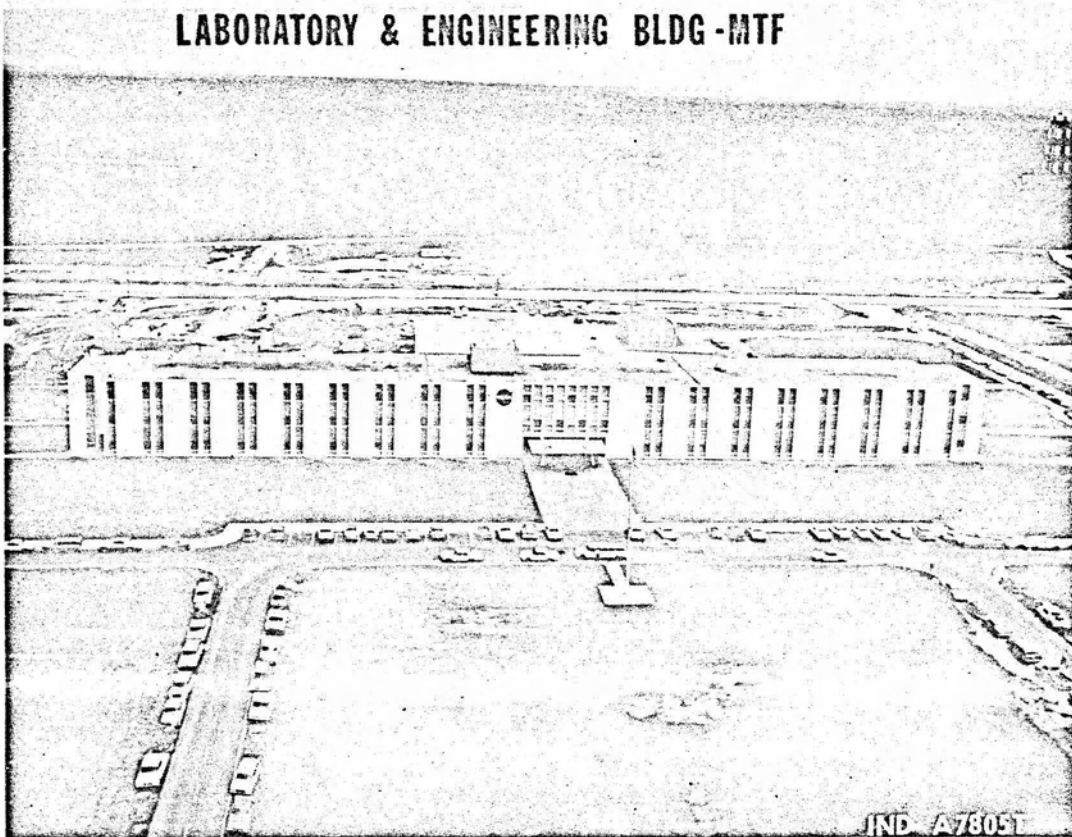
IND B7834P

LABORATORY & ENGINEERING COMPLEX-MTF



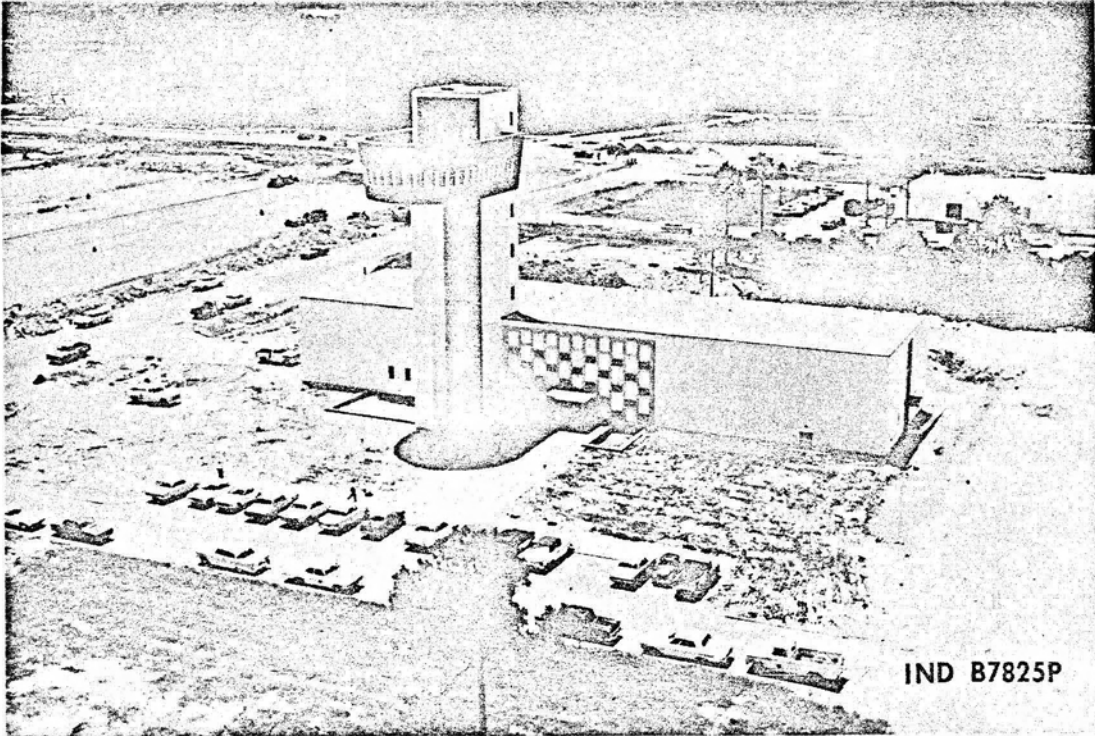
IND P7829M

LABORATORY & ENGINEERING BLDG -MTF

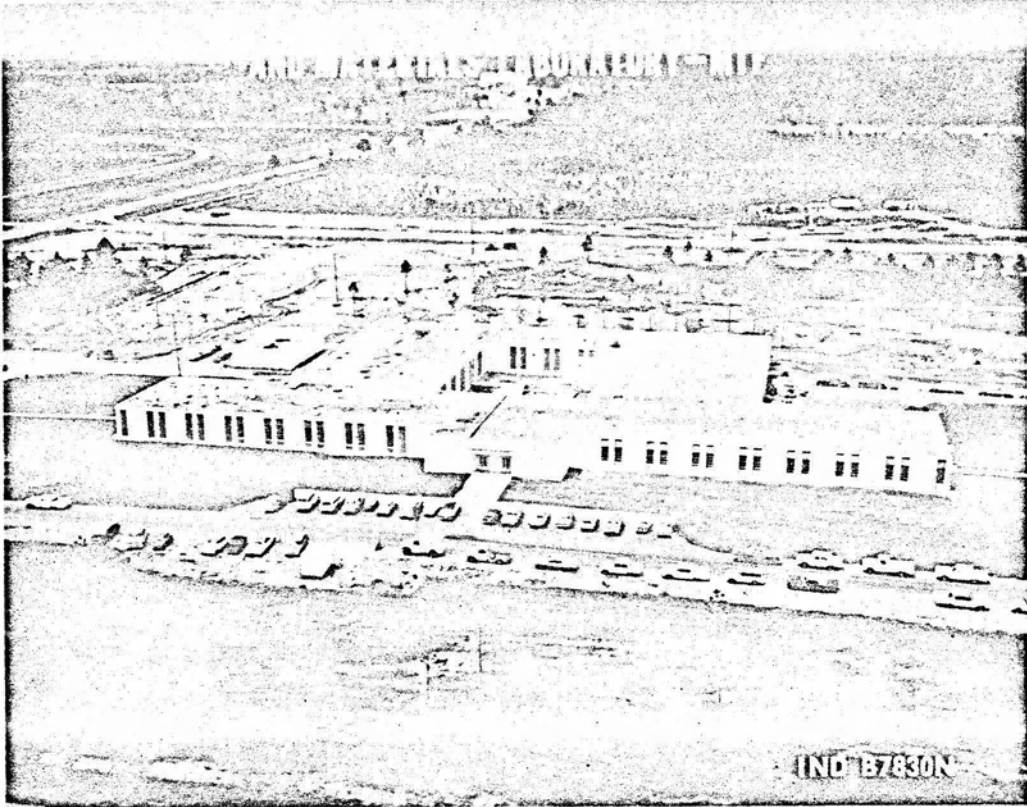


IND A7805T

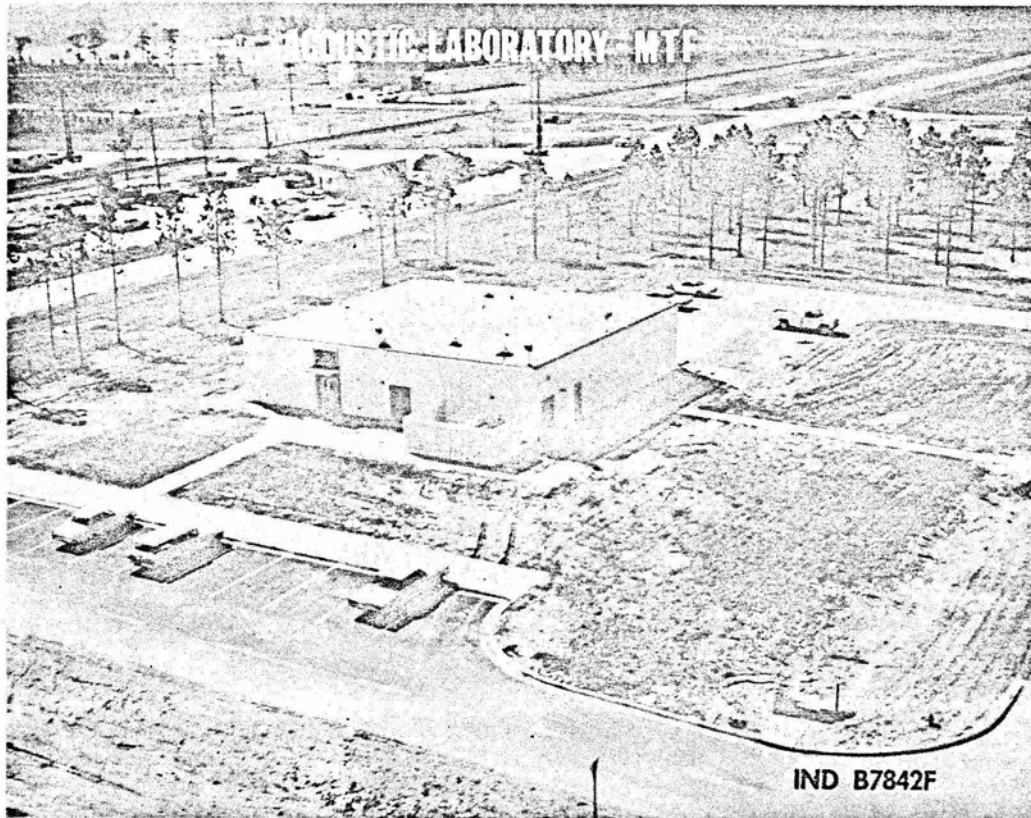
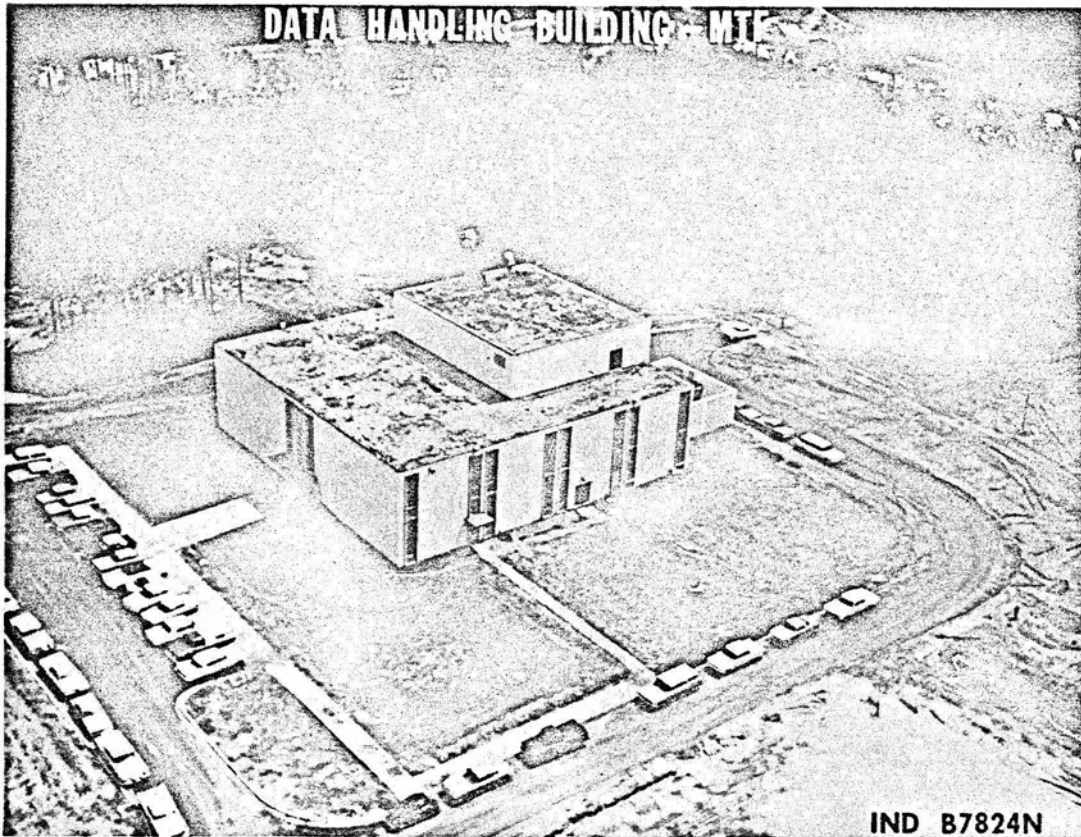
CENTRAL CONTROL BUILDING-MTF



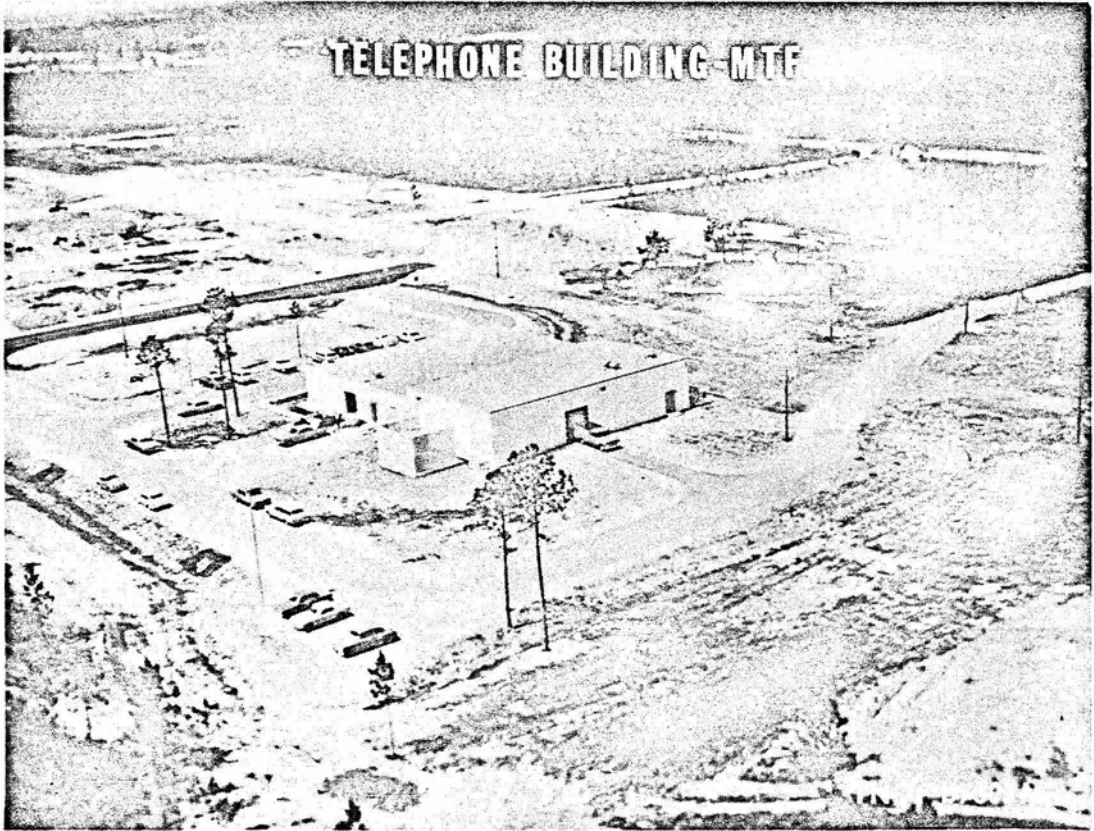
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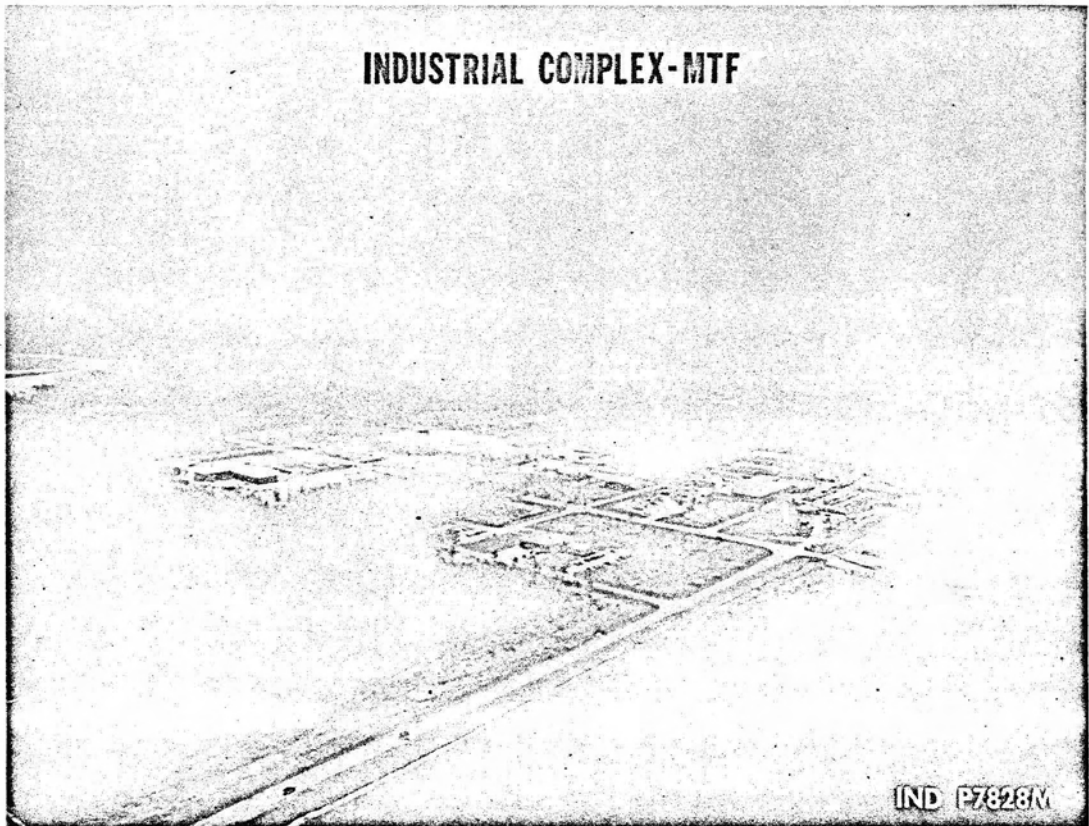
IND B7830N



TELEPHONE BUILDING-MTF

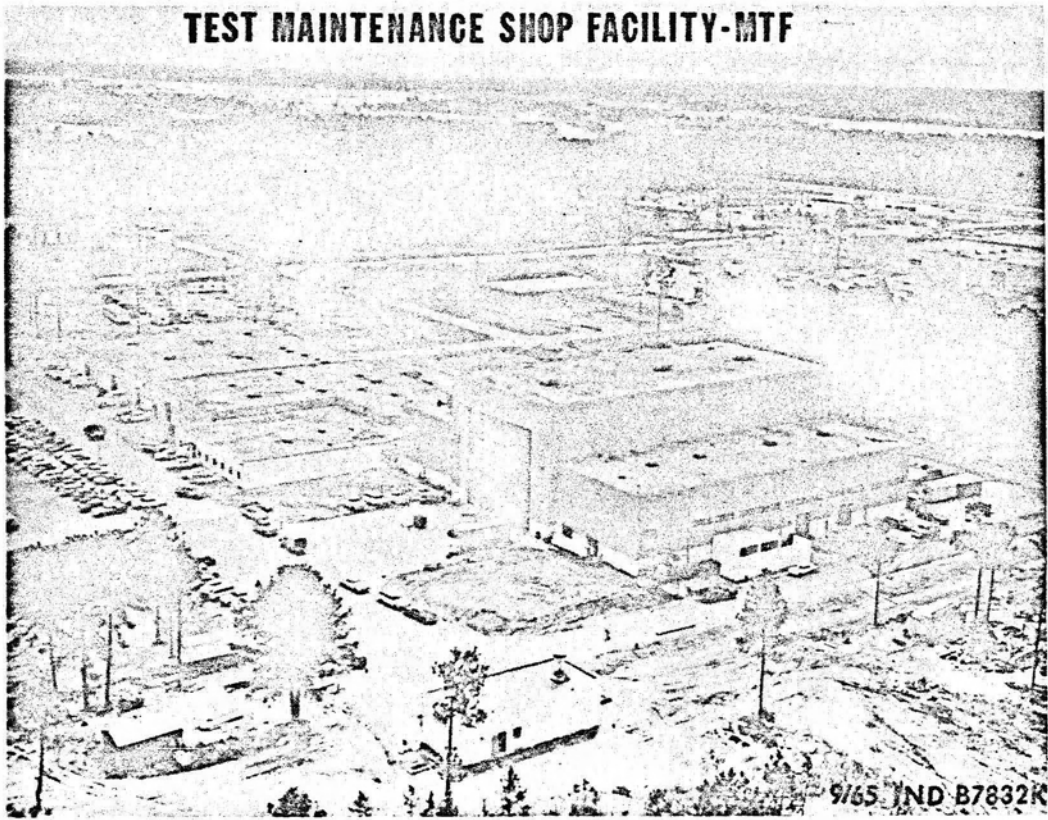


INDUSTRIAL COMPLEX-MTF

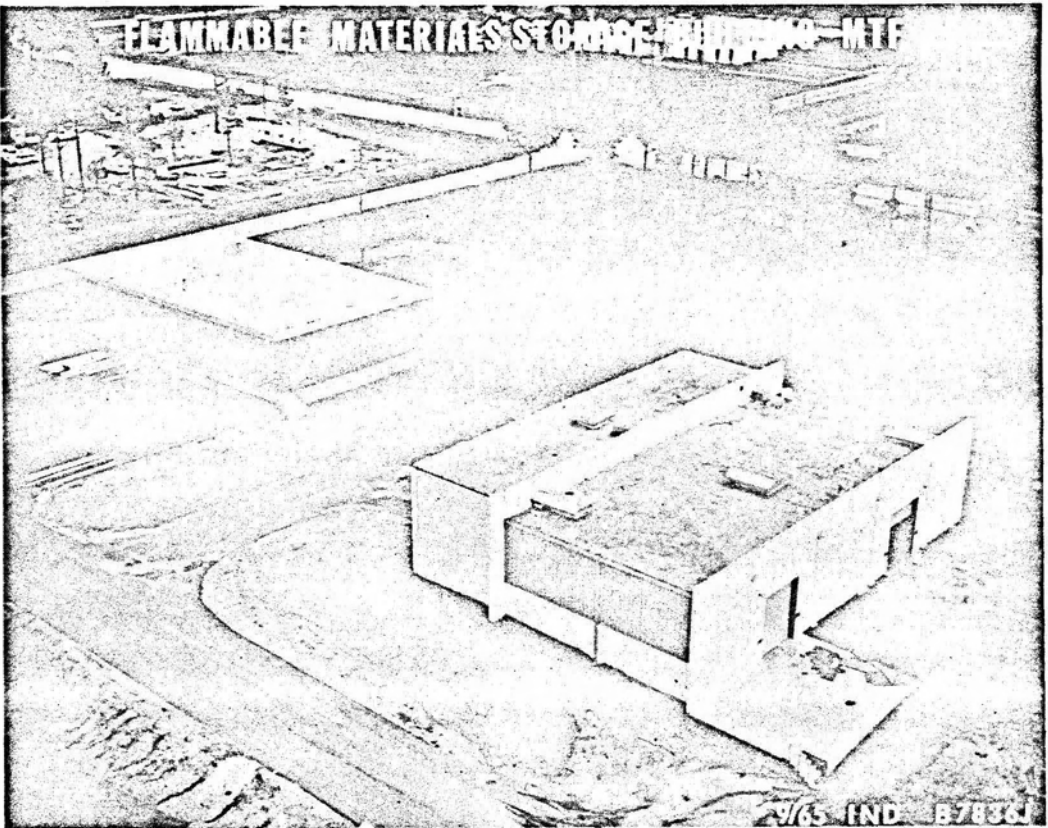


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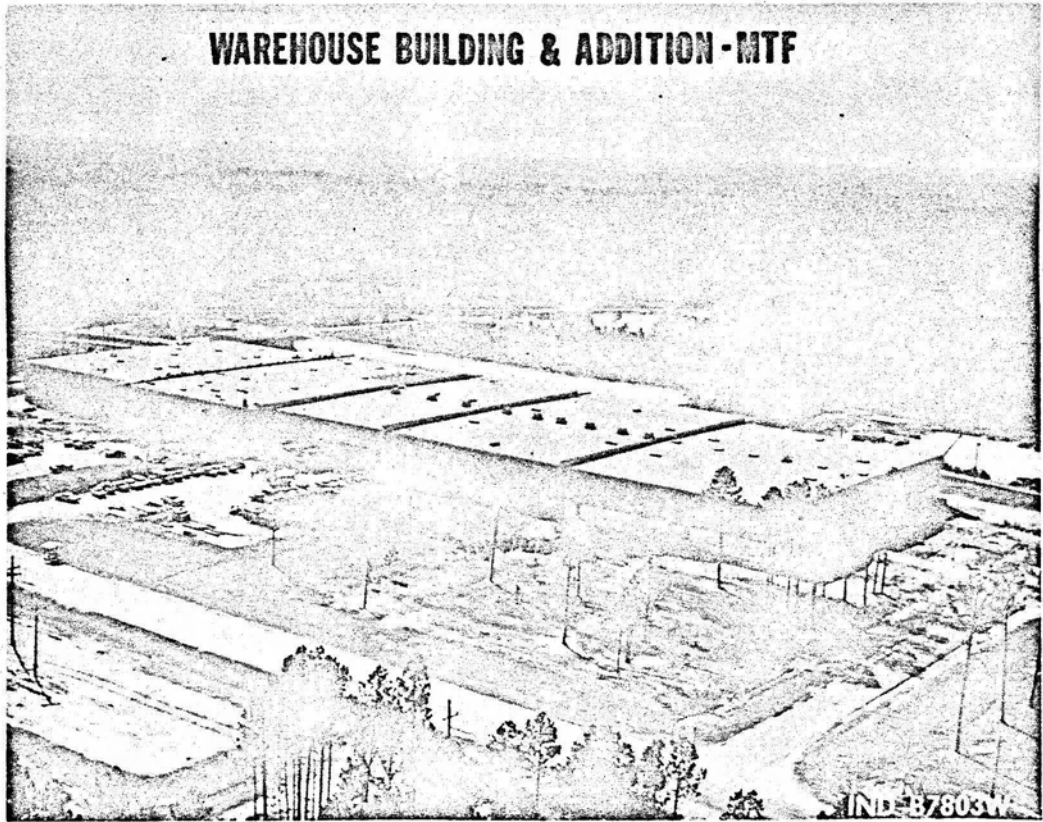
TEST MAINTENANCE SHOP FACILITY-MTF



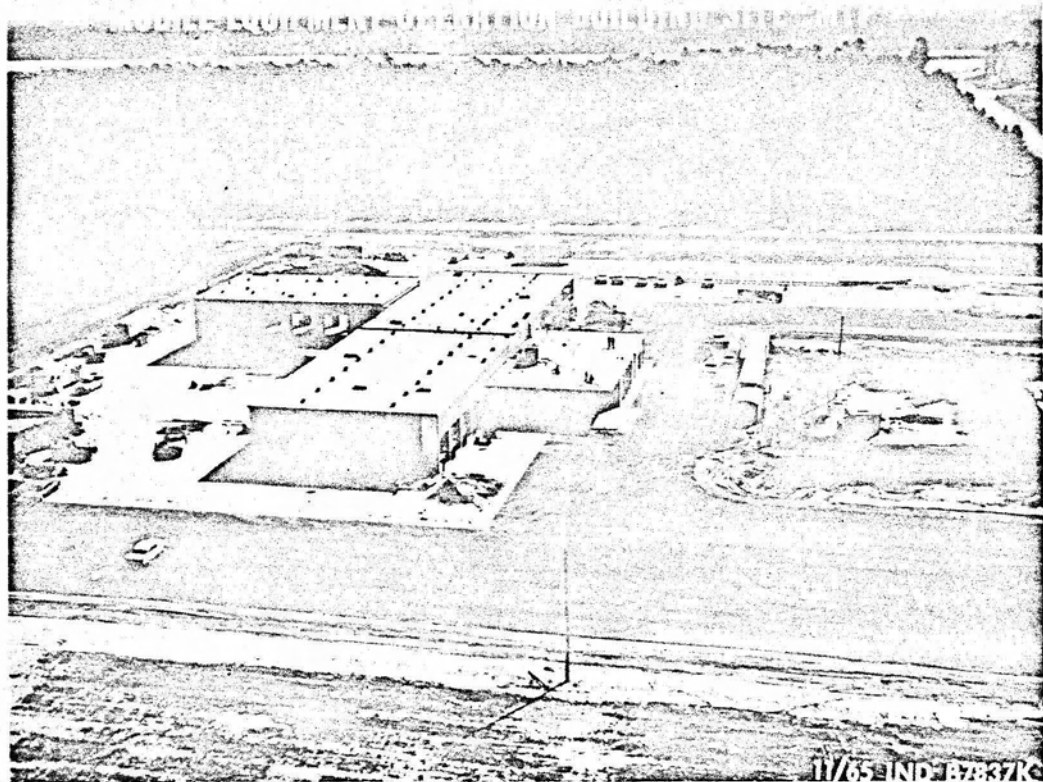
FLAMMABLE MATERIALS STORAGE BUILDING-MTF



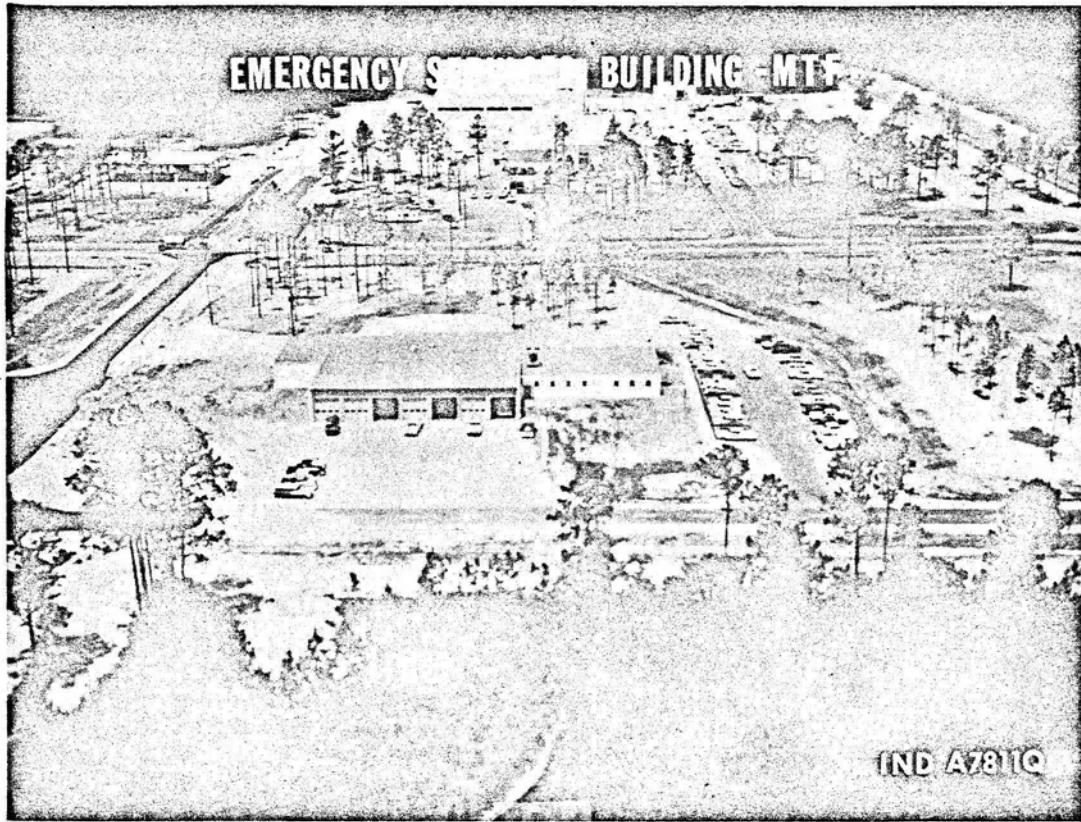
WAREHOUSE BUILDING & ADDITION - MTF

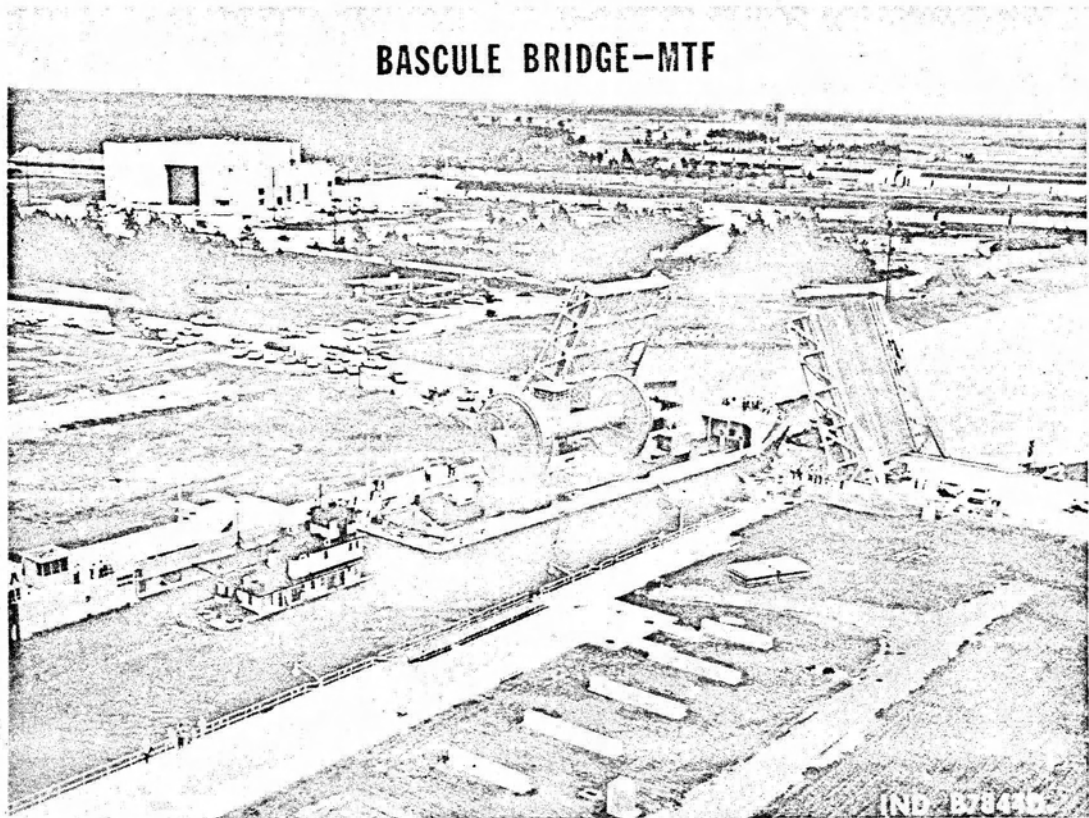
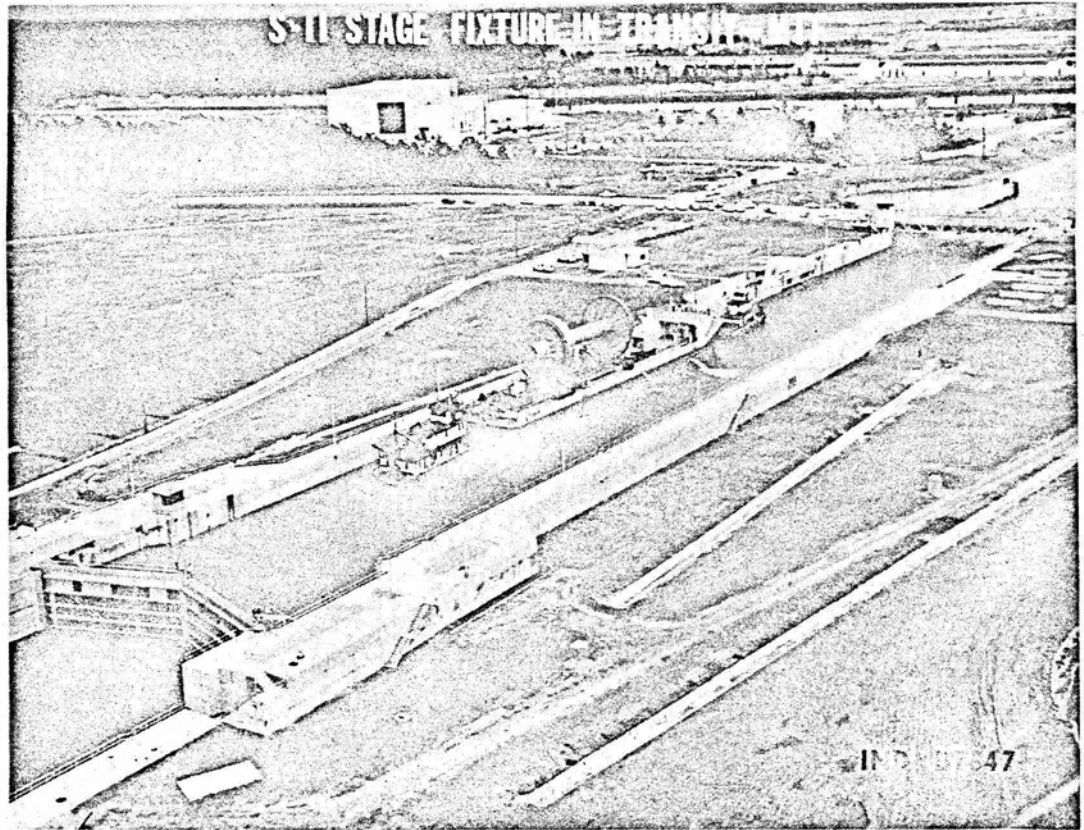


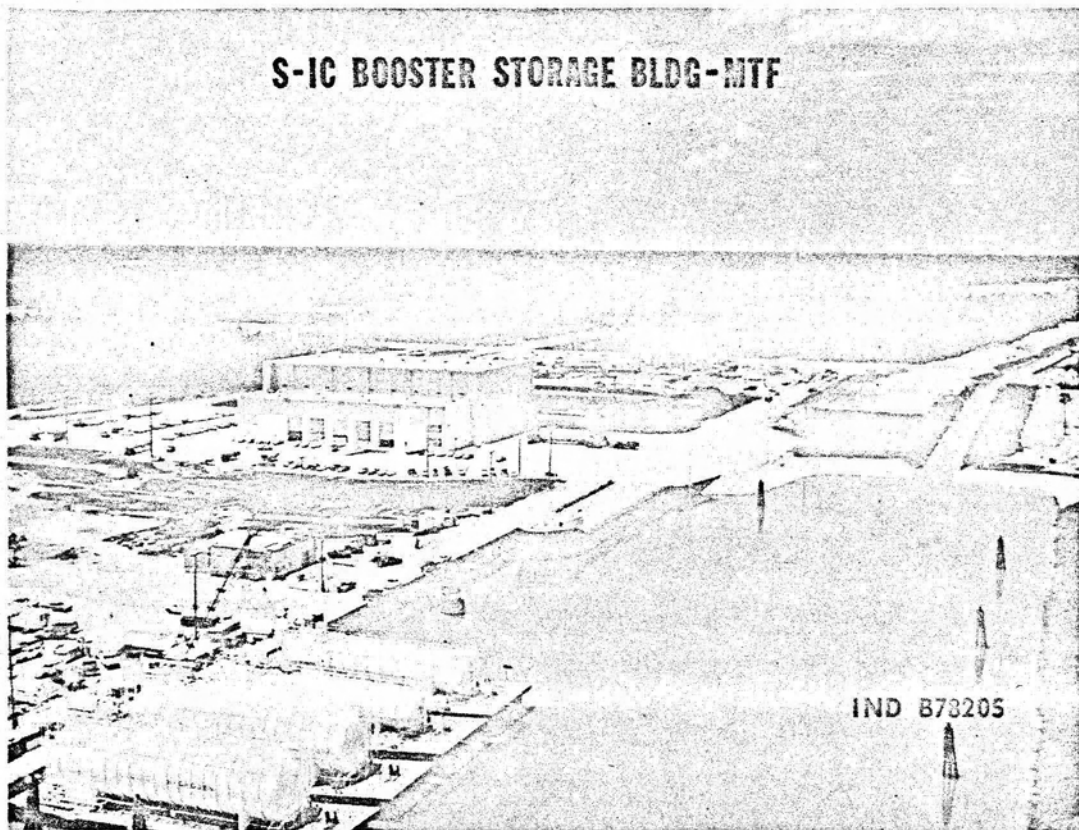
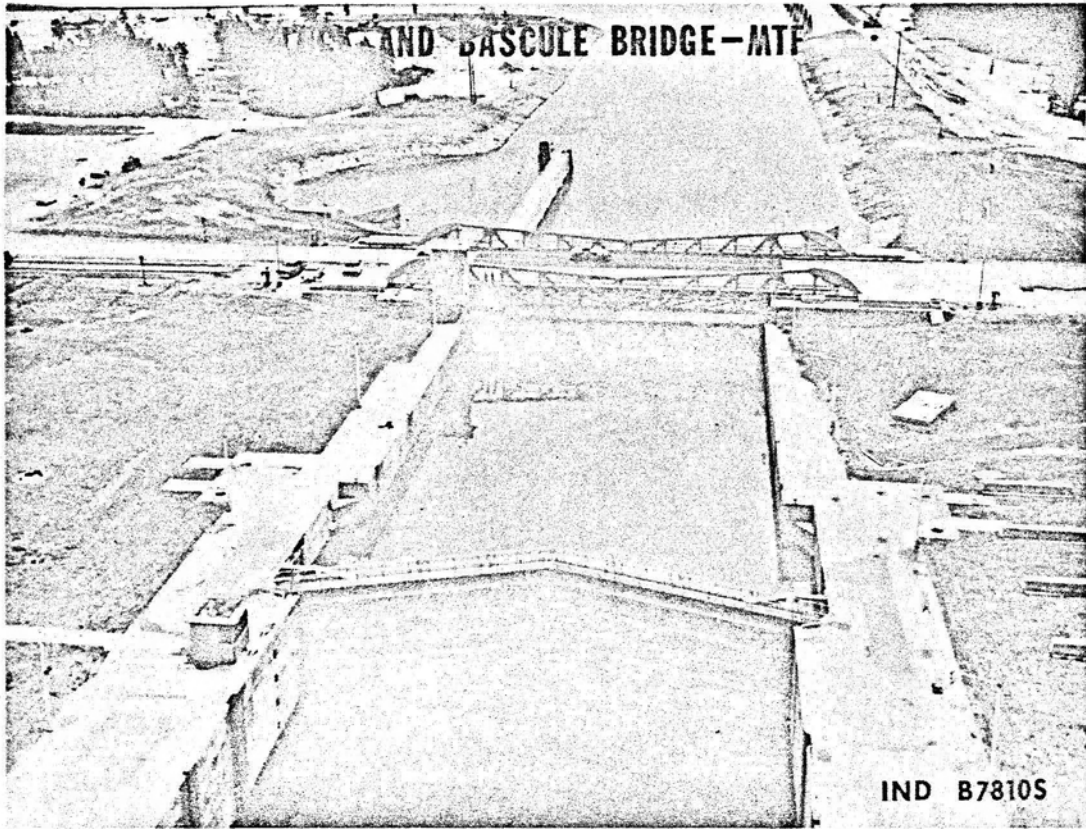
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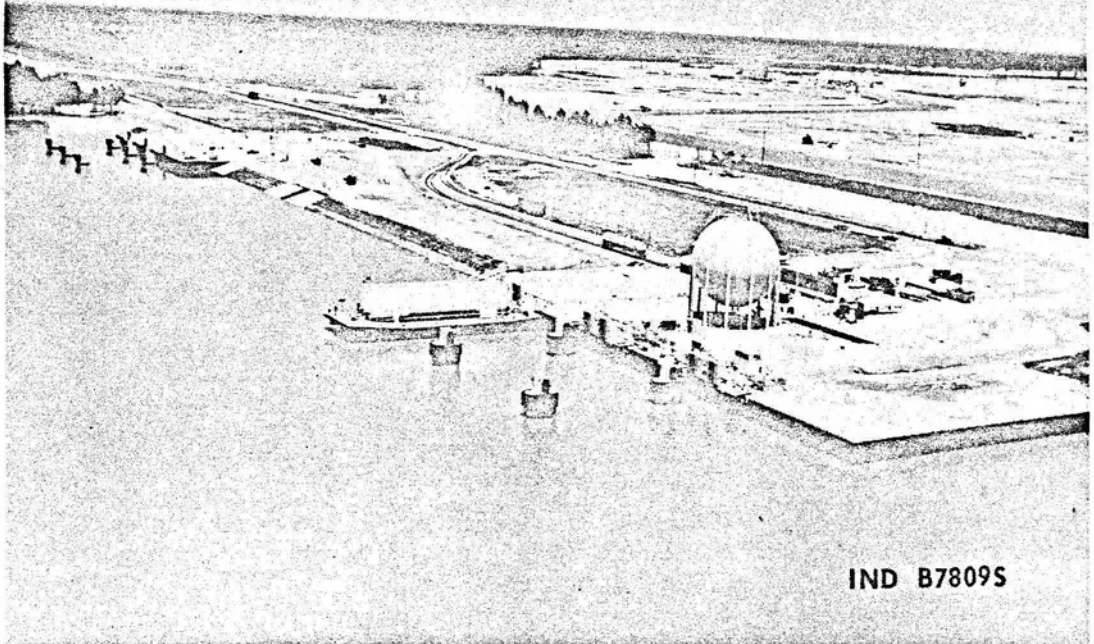
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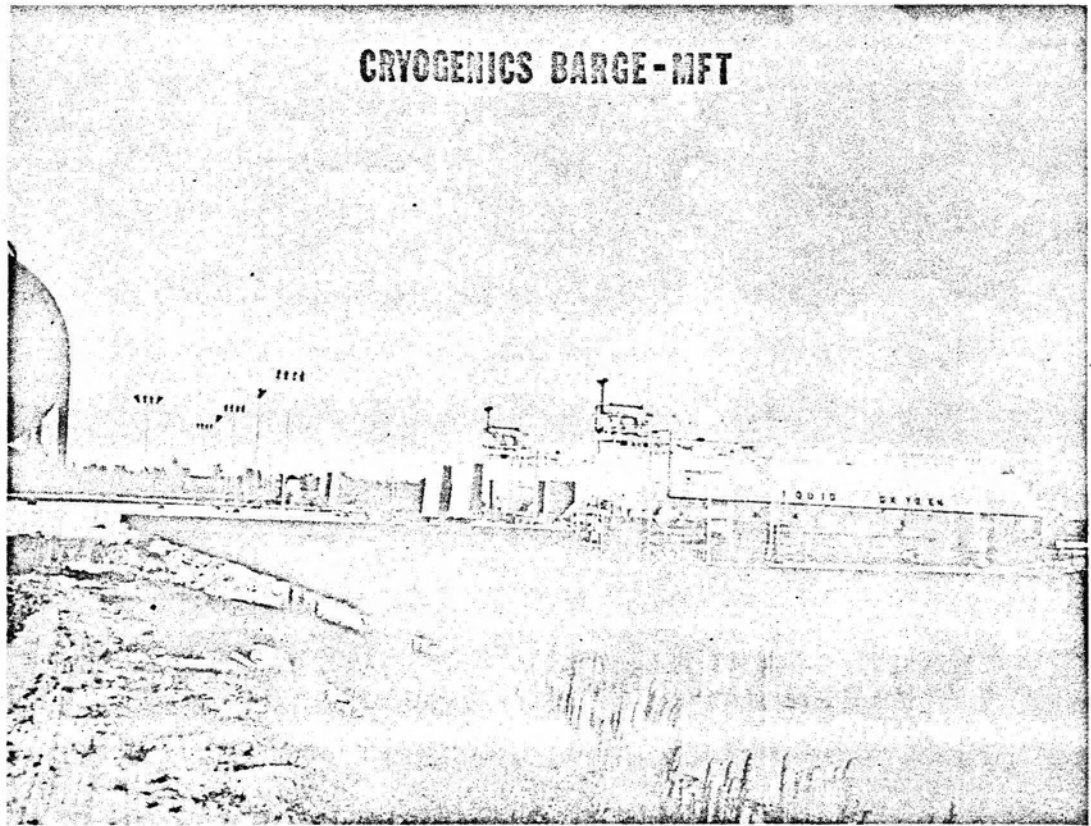


CRYOGENICS DOCK - MTF

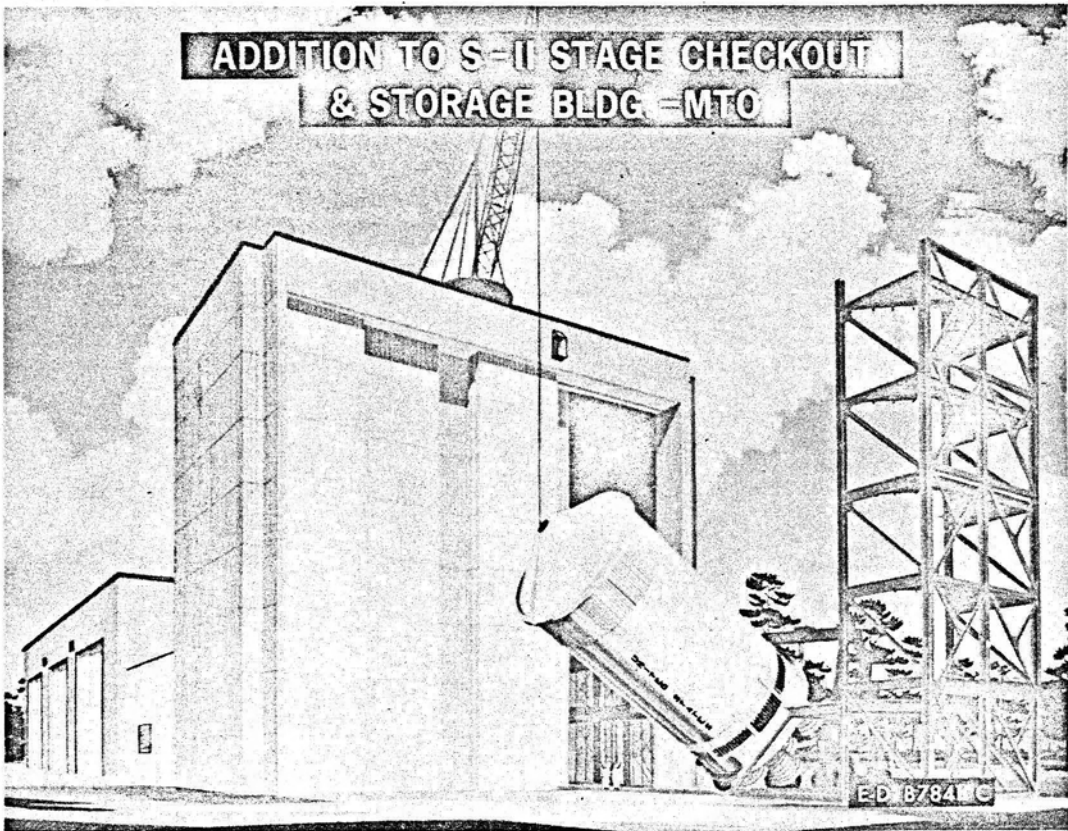


IND B7809S

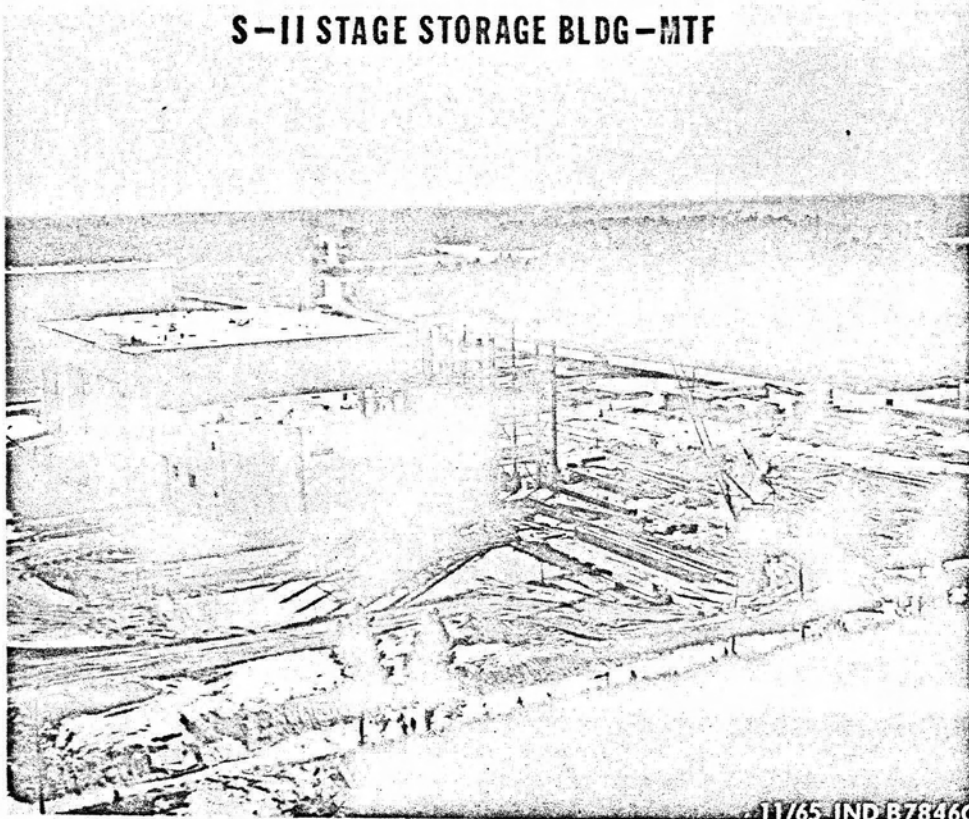
CRYOGENICS BARGE - MFT



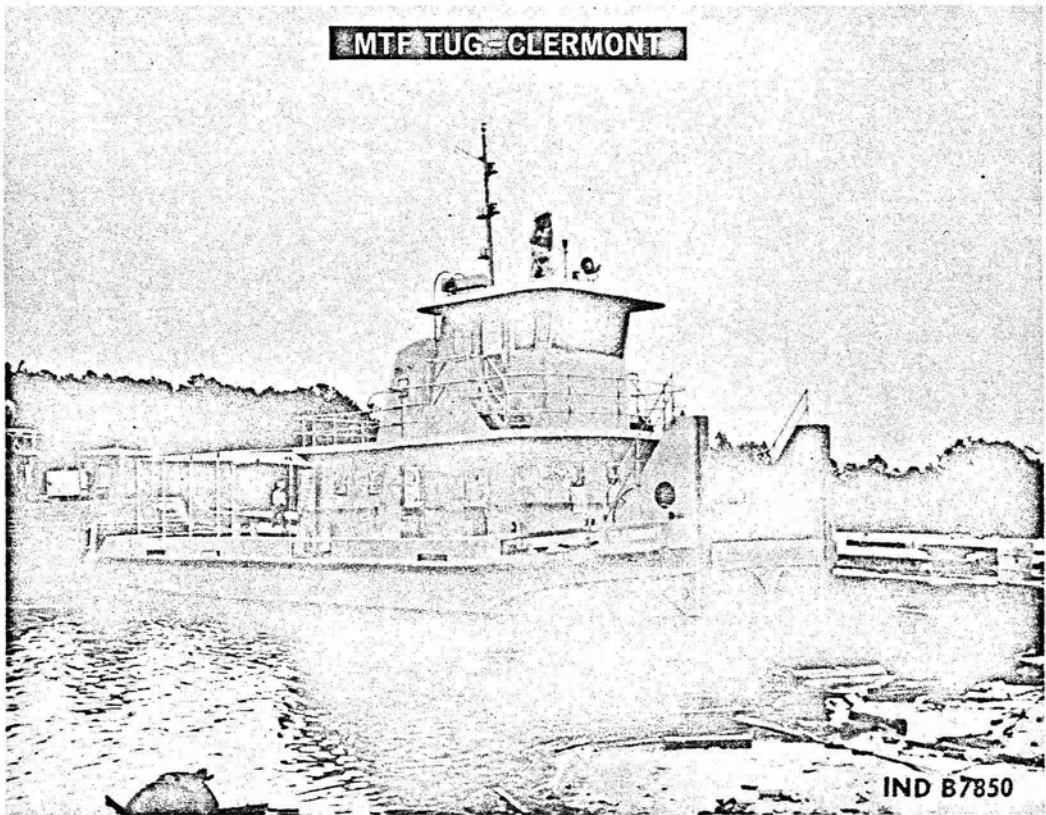
**ADDITION TO S-II STAGE CHECKOUT
& STORAGE BLDG - MTO**



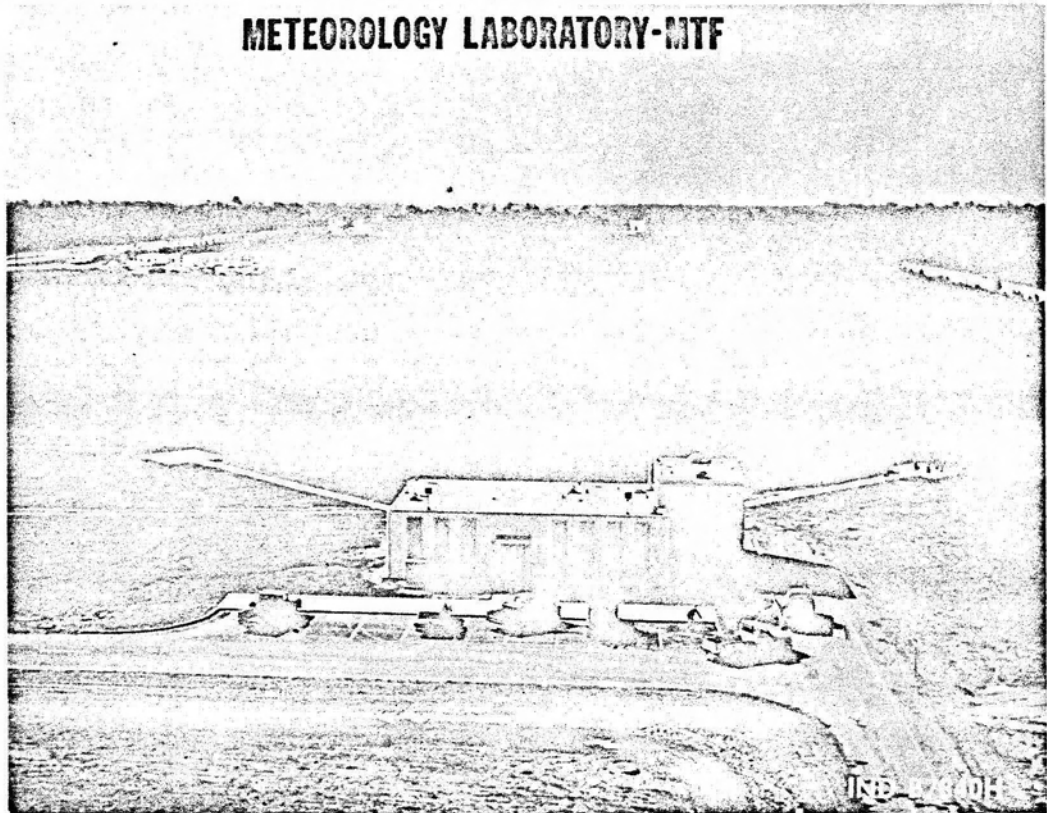
S-II STAGE STORAGE BLDG - MTF



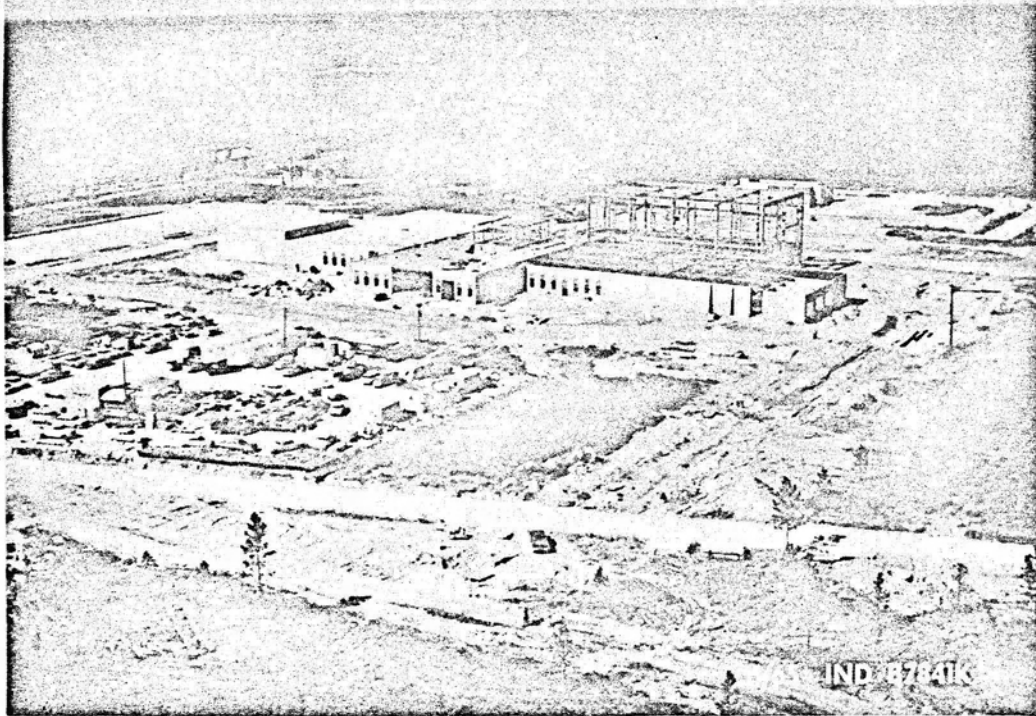
MTF TUG-CLERMONT



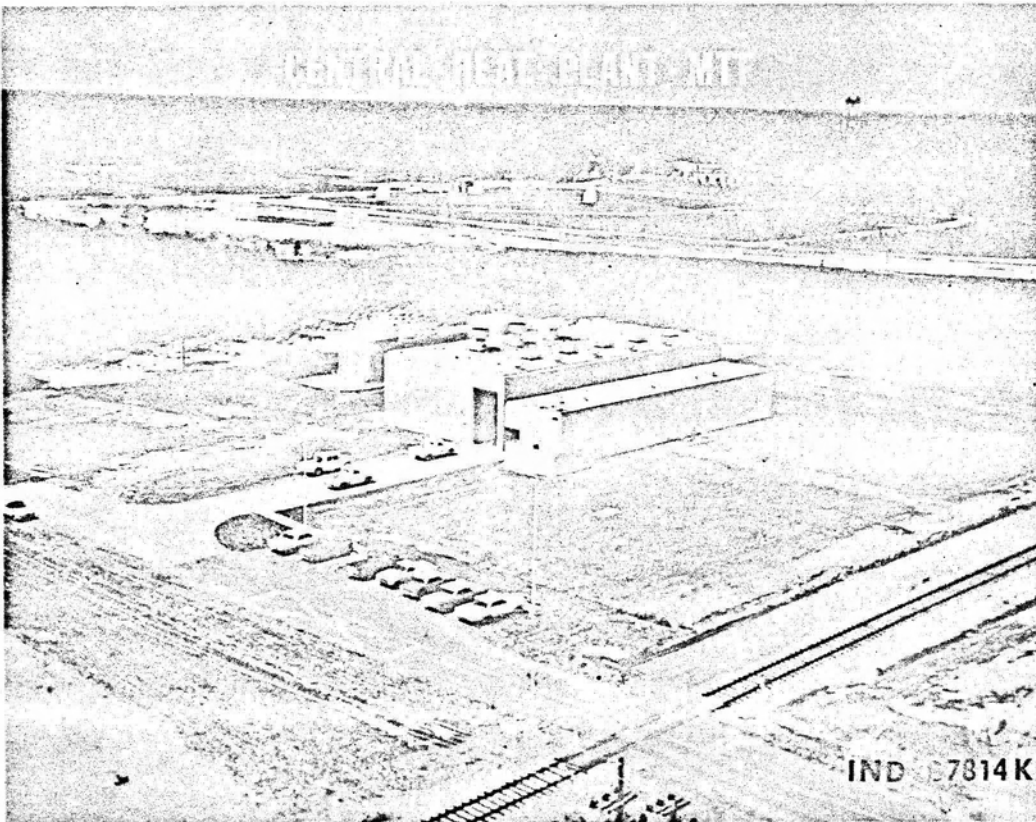
METEOROLOGY LABORATORY-MTF



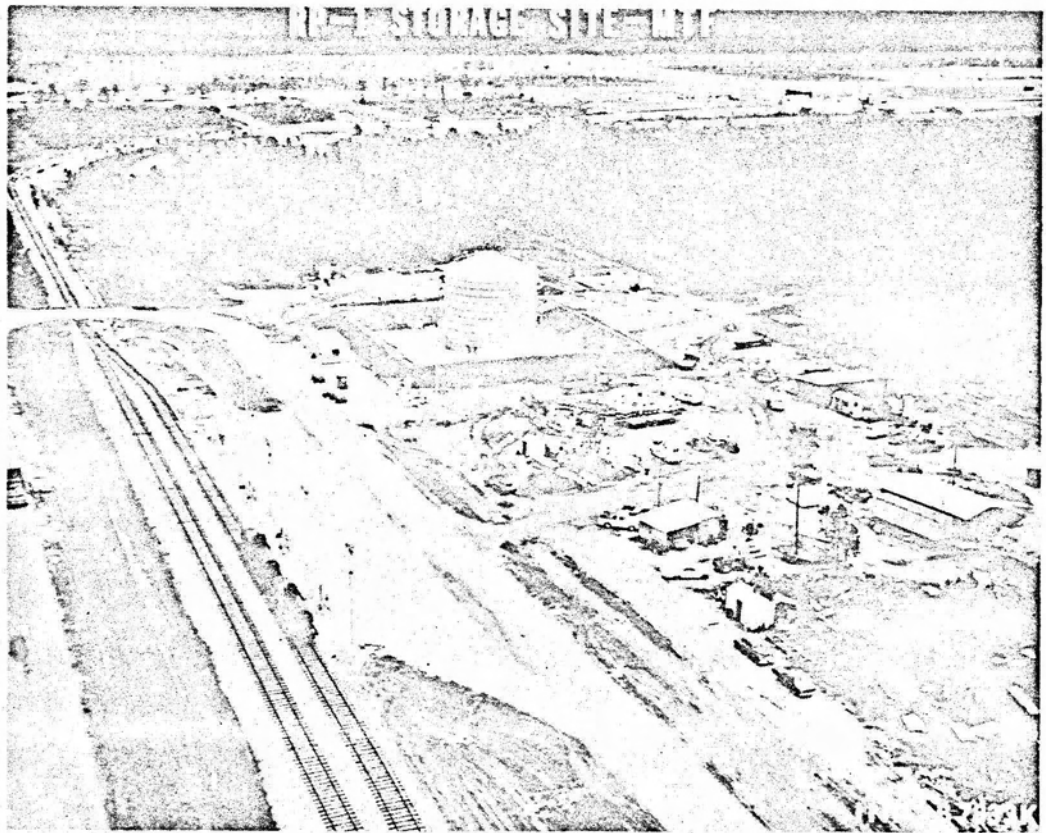
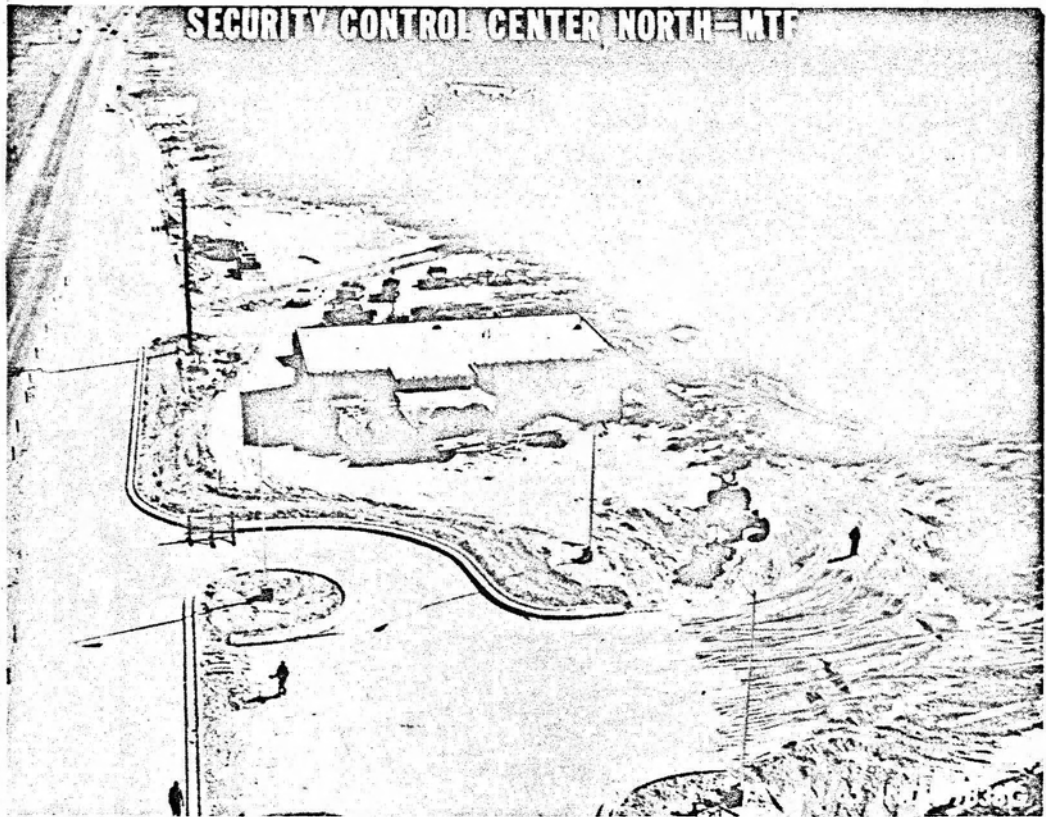
COMPONENT SERVICE FACILITY - MTF

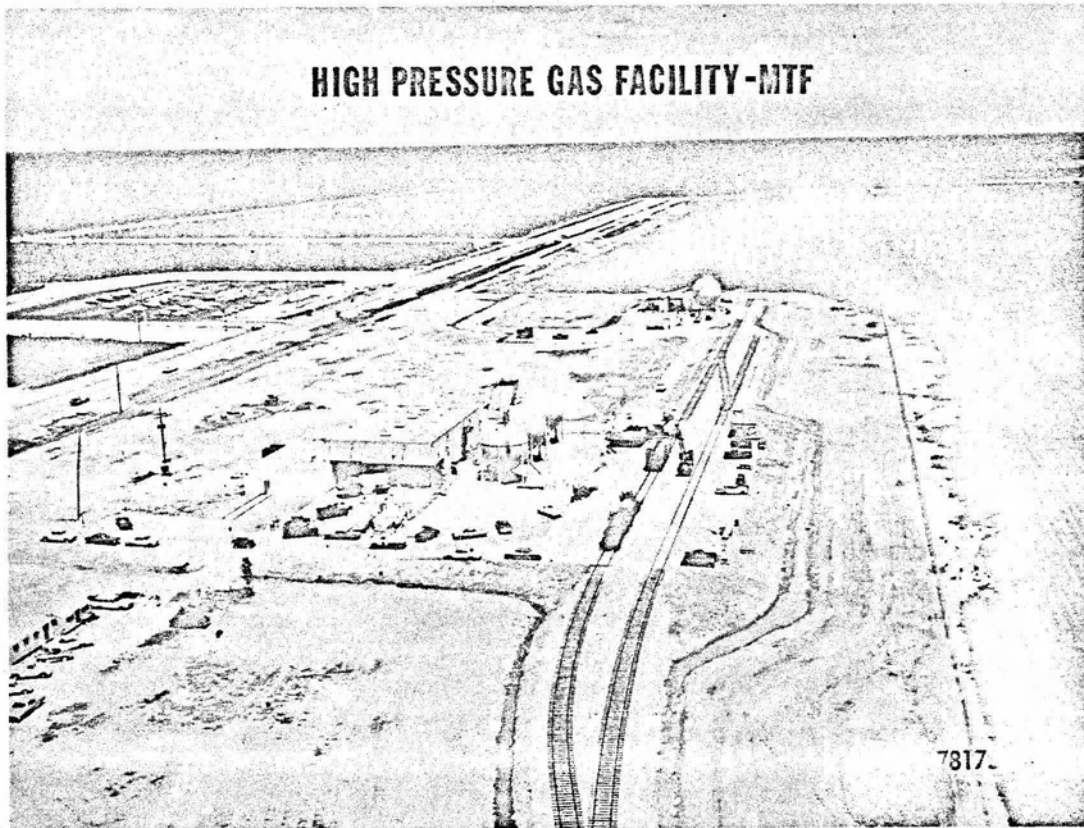


IND 8740K

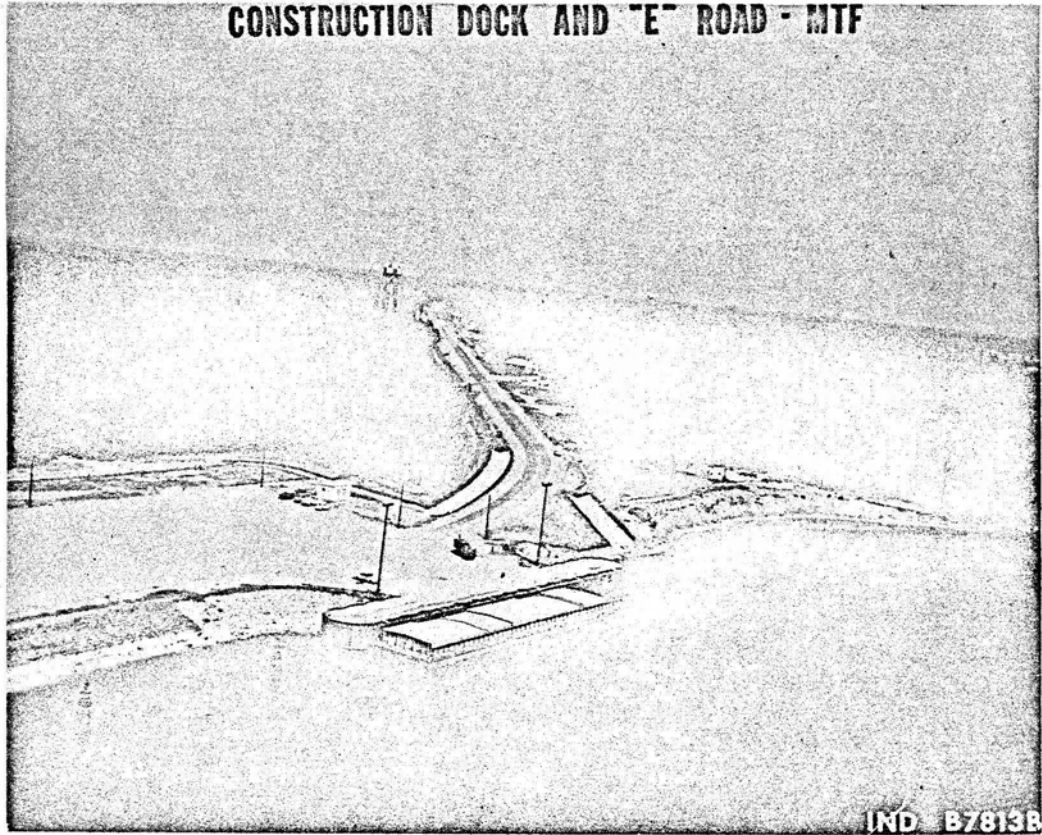


IND 87814K



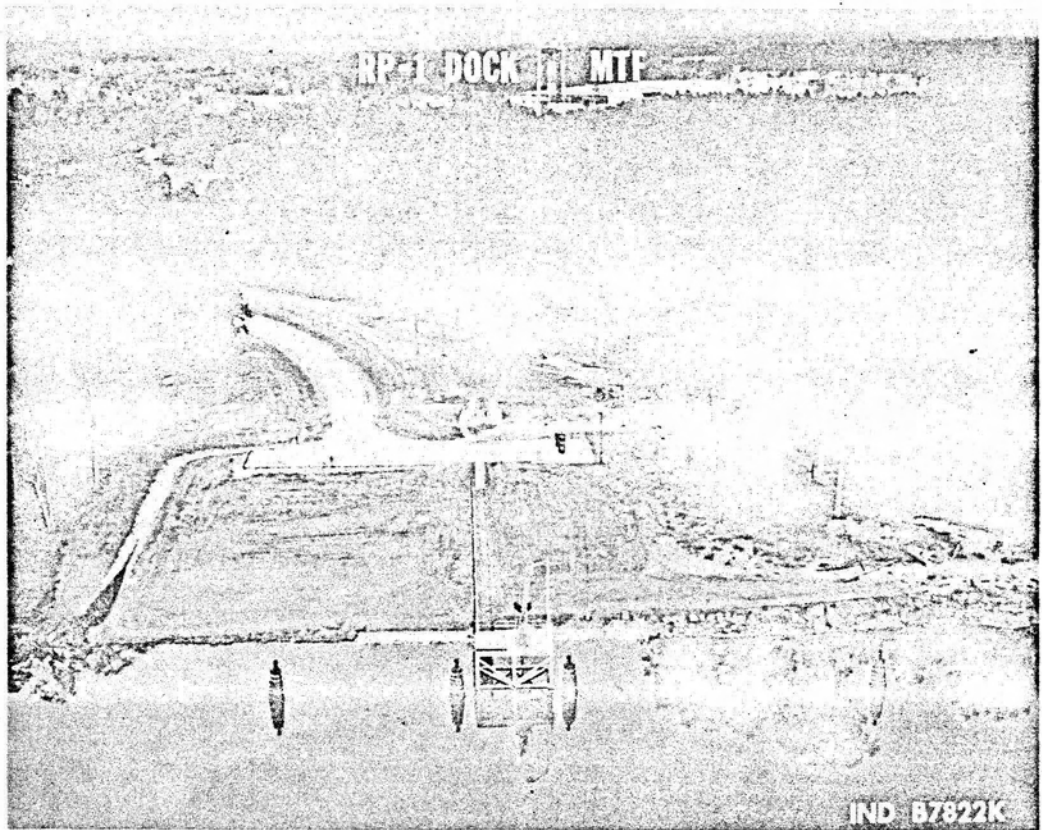


CONSTRUCTION DOCK AND "E" ROAD - MTF



IND B7813B

RP-1 DOCK - MTF



IND B7822K

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DIR	J. Shepherd	I-E-A	P. Watson
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DEP-A	D. Newby	I-E-E	J. Waite
DEP-A	C. Huth	I-E-R	R. Stewart
E-DIR	Maus/Foster	I-E-Q	A. Steinberg
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R-DIR	H. Weidner	I-FP-I	V. Looney
I-DIR	Gen. O'Connor	I-FP-PC	F. Willingham
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I-DIR	Dr. Farrish	I-PL-Ch	J. Goodrum
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I-SC-Mgr	S. Reinartz	I-PL-M	W. Kennedy
I-SC-P	J. Swearingen	I-PL-P	R. Walker (2)
I-SC-M	J. Dew	I-PL-T	C. DeNeen
I-SC-E	R. Ise	I-RM-Ch	C. Andressen
I-SC-C	W. Ferguson	I-RM-P	C. Williams
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I-I/IB-SIVB	J. McCulloch	I-MT-PC/SP	M. Sanders
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I-I/IB-U	W. Simmons	I-MICH-Mgr	Dr. Constan
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I-I/IB-E	F. Vreuls	I-MICH-P	A. Frye
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I-V-SIC	H. Hallisey	F&D-Ch	H. Aden
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MA-Ch	K. Wible	R-ASTR-A	F. Digesu
MA-PW	K. Lyle (2)	R-ASTR-E	H. Fichtner
PR-Ch	B. Buckner	R-ASTR-P	W. Angele
FIN-Ch	T. Hardeman	R-ASTR-ZS	W. Gullion
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R-TEST-M T. Edwards
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LVO-51 J. Cobb
EDV-17 B. Batson
CR A. Smith
PA B. Slattery
PA V. Smith
PA E. Buckbee
PA C. Kurtz
E-DIR F. Evans
E-P R. Butler
E-T J. Bethay
E-S T. Smith
E-S S. Heim
E-D R. Kline
E-A J. Reed
E-P B. Abbott
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-MAR-R W. Willoughby
-MAP T. Ryan
-MCL R. Thompson
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MSC-BF-6 R. Magin (3)
-ASTD C. Covington
-RL W. Davidson
-EA3 R. Merrifield
KSC-KP J. Robertson
KSC-K-GT45 A. Lavender

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