

4670  
ET LH<sub>2</sub> STRUCTURAL  
TESTING

4755  
ORBITER PREPARATION  
HANGAR

4619  
ET INTERTANK STRUCTURAL TESTING  
ET LO<sub>2</sub> MODAL TESTING  
ET LO<sub>2</sub> STRUCTURAL TESTING  
SRB COMPONENT STRUCTURAL TESTING

REDSTONE  
AIRFIELD

4550  
GROUND VIBRATION  
TESTING

4572  
SRB STRUCTURAL  
TESTING  
"SHORT STACK"

**MSFC SHUTTLE TEST FACILITIES**



1. Propulsion and Structural Test Facility
2. Huntsville, Alabama
3. NASA
4. 1982
5. NASA, Marshall Space Flight Center Facilities Office
6. Aerial View of MSFC Shuttle Test Facilities  
showing location of Propulsion and Structural Test  
Facility, 4572
7. 21

HISTORIC

## SATURN I, SATURN I-B TEST STAND

NOW: PROPULSION & STRUCTURAL TEST FACILITY  
ALL BOOSTER STAGES DEVELOPED BY MARSHALL CENTER FOR  
THE SATURN & SATURN I-B VEHICLES WERE TEST FIRED HERE.  
THESE WERE THE FIRST LARGE ROCKETS TO HAVE MULTIPLE ENGINES  
MOUNTED ON A SINGLE STAGE.

- SATURN I  
FIRST TEST-FIRING APRIL 29, 1960
- SATURN I-B  
FIRST TEST-FIRING APRIL 1, 1965

STILL CAPTION									
NEGATIVE NO.		CLASS	Type	Size	LAB/OFF	MO/YR		H	L
442246		U	R	7	AP	4/84			
		HISTORIC SATURN 1B							
		TEST STAND SIGN							
PHOTOGRAPHER: <b>CORDER</b>						DATE: <b>4/6/84</b>			
MSFC - Form 1303 (Rev. August 1976)						• MILITE CODE "H"			

BLDG ~~4572~~ 4572

NASA-MSFC



Top

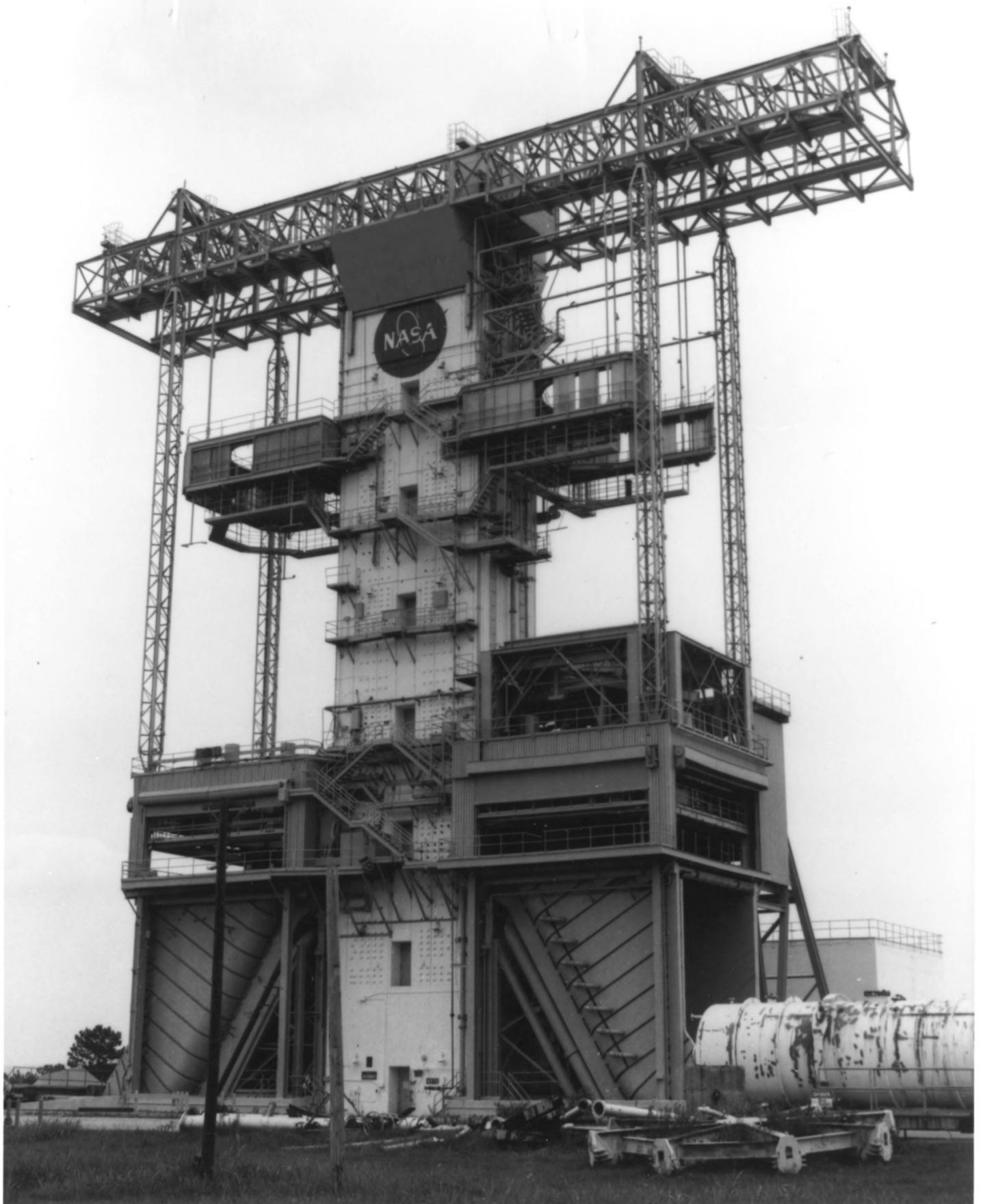
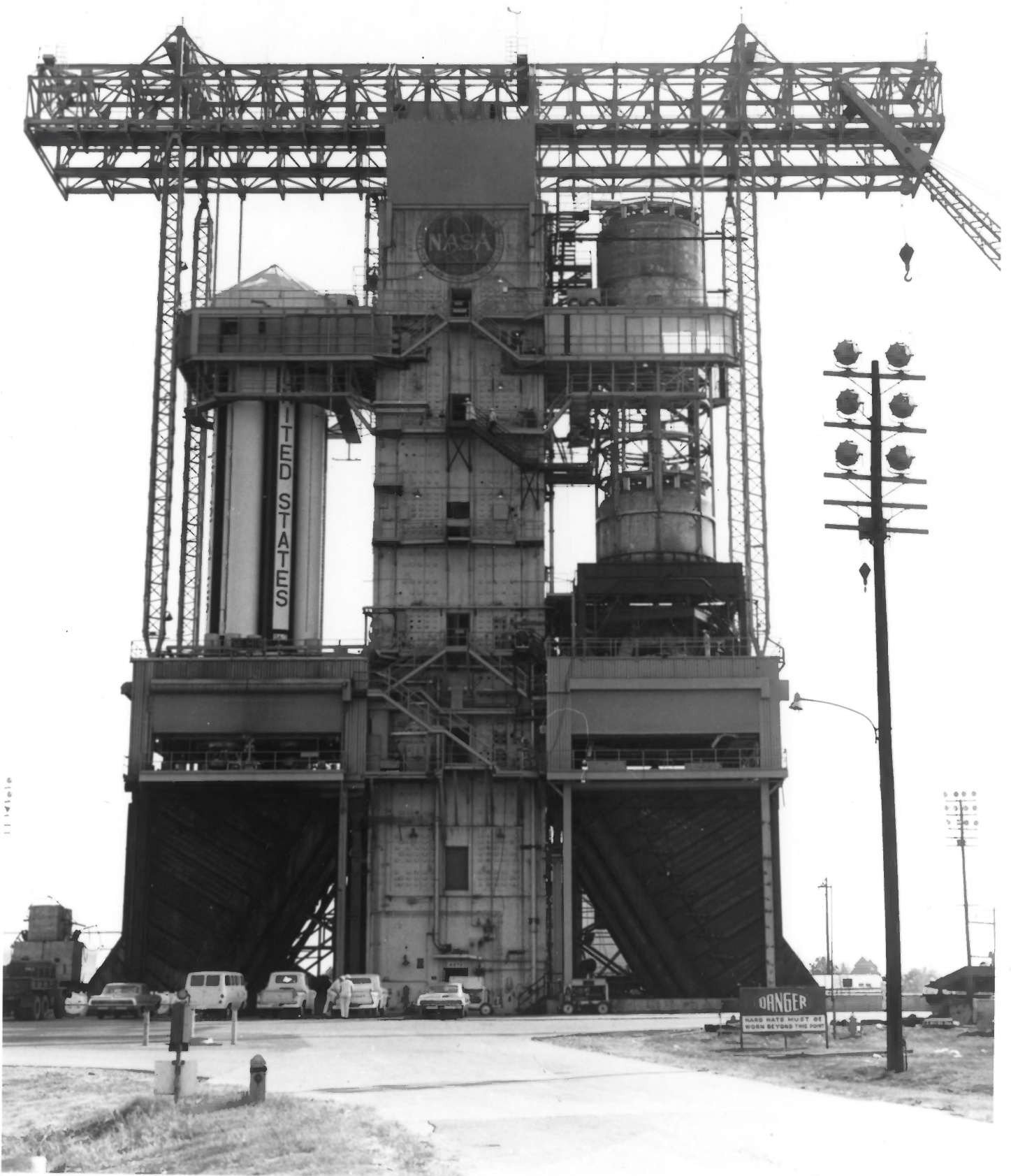


Photo #30

185

1. Propulsion and Structural Test Facility
2. Huntsville, Alabama
3. NASA
4. 1971
5. NASA, Marshall Space Flight Center Facilities Office
6. Exterior View
7. 24



S-I Static Test Tower with S-I stage in the test position on the left and F-I engine tankage in position on the right.

006  
1.34

6B  
35/10



HISTORIC  
**SATURN I & SATURN IB TEST STAND**  
THIS STRUCTURE WAS DESIGNED AND BUILT BY THE  
ALLIANCE BETWEEN BOEING AND NORTH AVIATION TO  
TEST THE SPACE SHUTTLE SYSTEM BEFORE THE SHUTTLE  
WAS BUILT IN THE CASE OF THE SHUTTLE SYSTEM.  
BOEING & NORTH AVIATION  
1960s - 1970s  
1960s - 1970s  
1960s - 1970s





STILL CAPTION									
NEGATIVE NO.	CLASS	T	S	LAB/ OFF	MO/YR	H	L		
442245	U	B	Z	AB	4/84				
		SATURN 1B TEST STAND							
		BLDG. 4572							
PHOTOGRAPHER: CORDER		JMC			DATE: 4/6/84				
<small>NSPO - Form 1863 (Rev. August 1976)      • MILITE CODE "E"</small>									

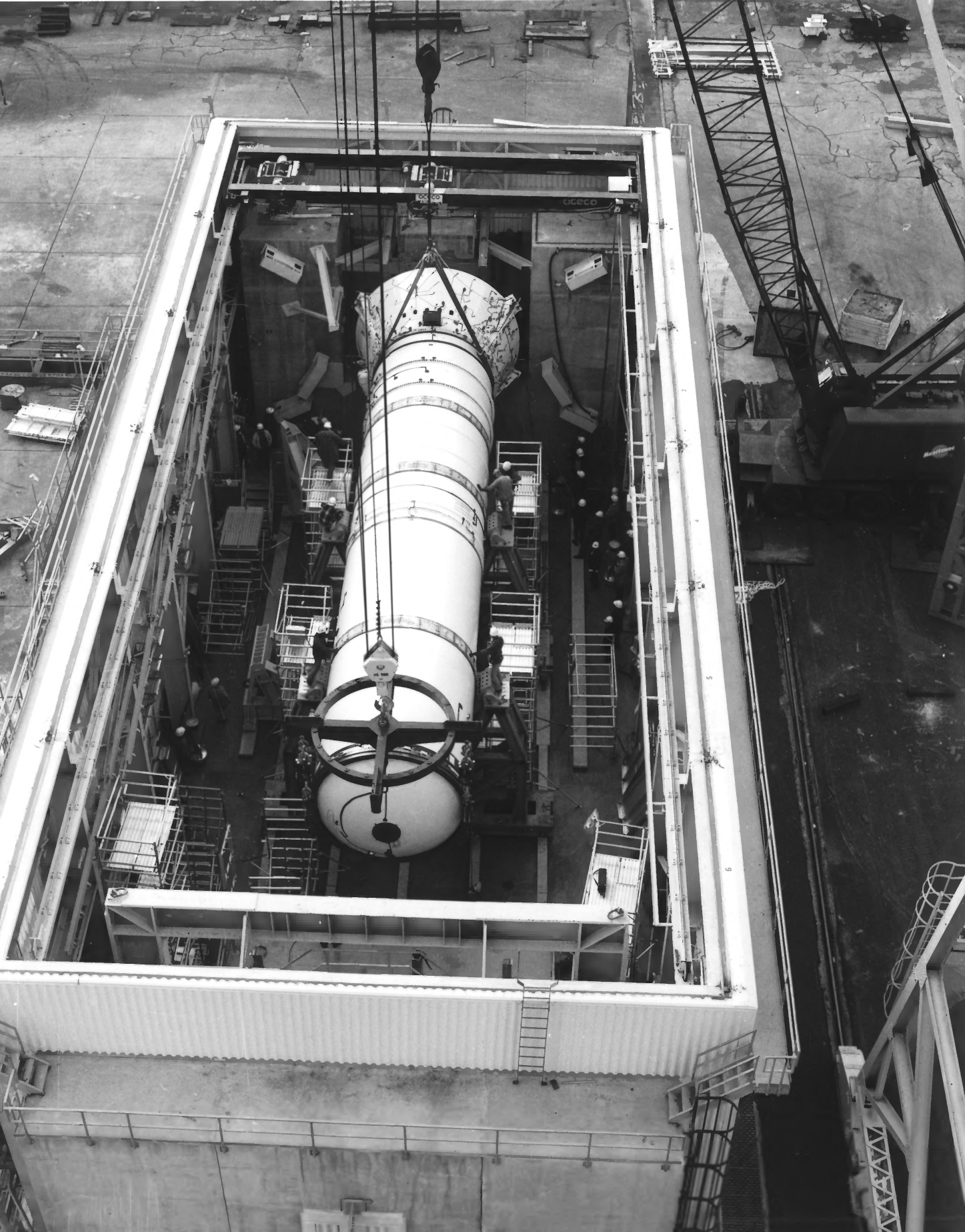
BLDG 4572 FRONTAL VIEW LOOKING SOUTHEAST.

NASA - MSFC



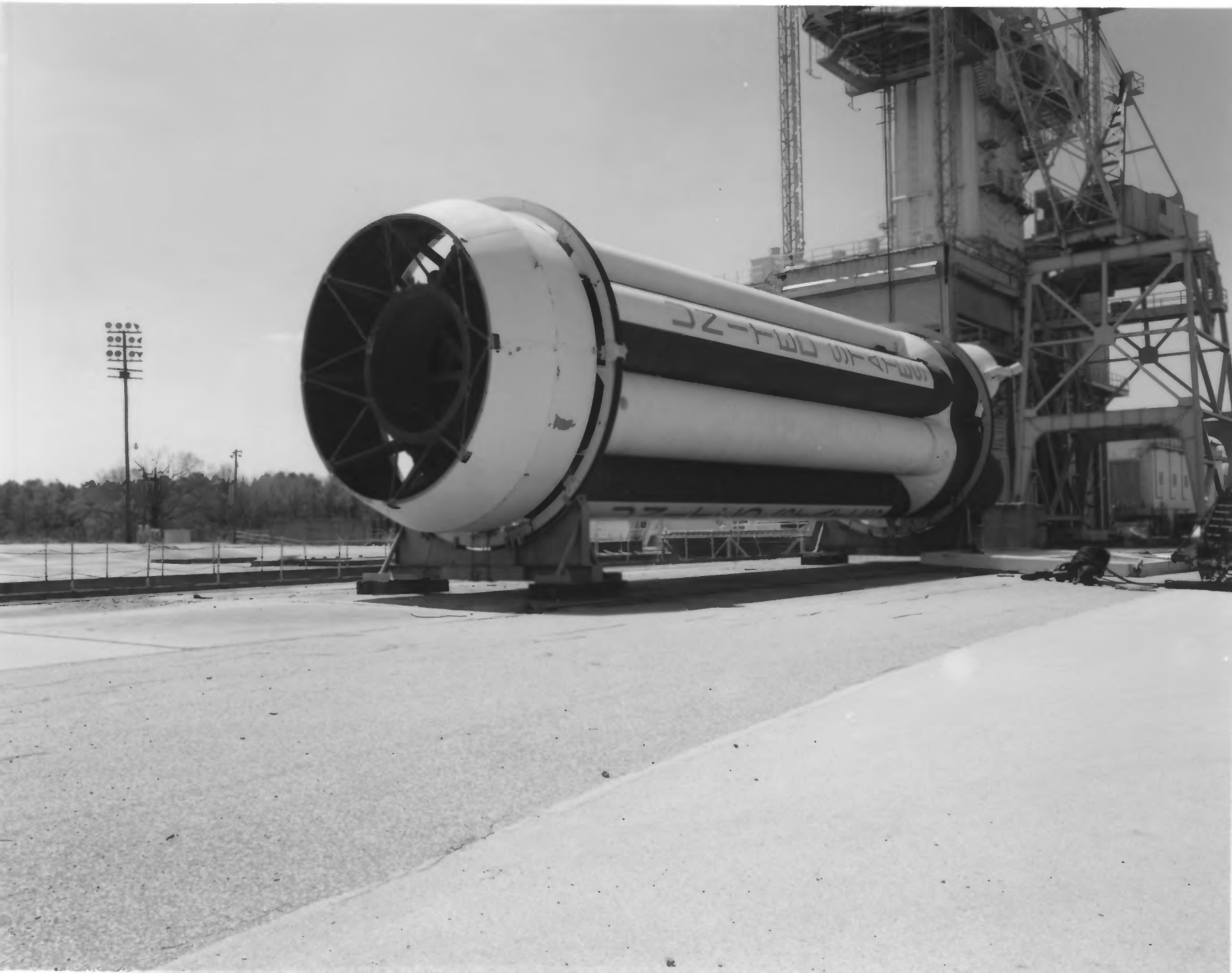
1. Propulsion and Structural Test Facility
2. Huntsville, Alabama
3. NASA
4. 1984
5. NASA, Marshall Space Flight Center Facilities Office
6. Exterior View of West Side of Facility used for  
Solid Rocket Booster Testing
7. 25







1. Propulsion and Structural Test Facility
2. Huntsville, Alabama
3. NASA
4. 1984
5. NASA, Marshall Space Flight Center Facilities  
Office
6. Interior View of Solid Rocket Booster Structural  
Testing
7. 26



1. Propulsion and Structural Test Facility
2. Huntsville, Alabama
3. NASA
4. 1984
5. NASA, Marshall Space Flight Center Facilities Office
6. Exterior view of East Test position with Saturn Stage in foreground
7. 27