

4670
ET LH₂ STRUCTURAL
TESTING

4755
ORBITER PREPARATION
HANGAR

4619
ET INTERTANK STRUCTURAL TESTING
ET LO₂ MODAL TESTING
ET LO₂ 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:

CORDER

JMC

DATE:

4/6/84

MSFC - Form 1300 (Rev. August 1976)

• MILITE CODE "H"

BLDG ~~4572~~ 4572

NASA-MSFC

Top

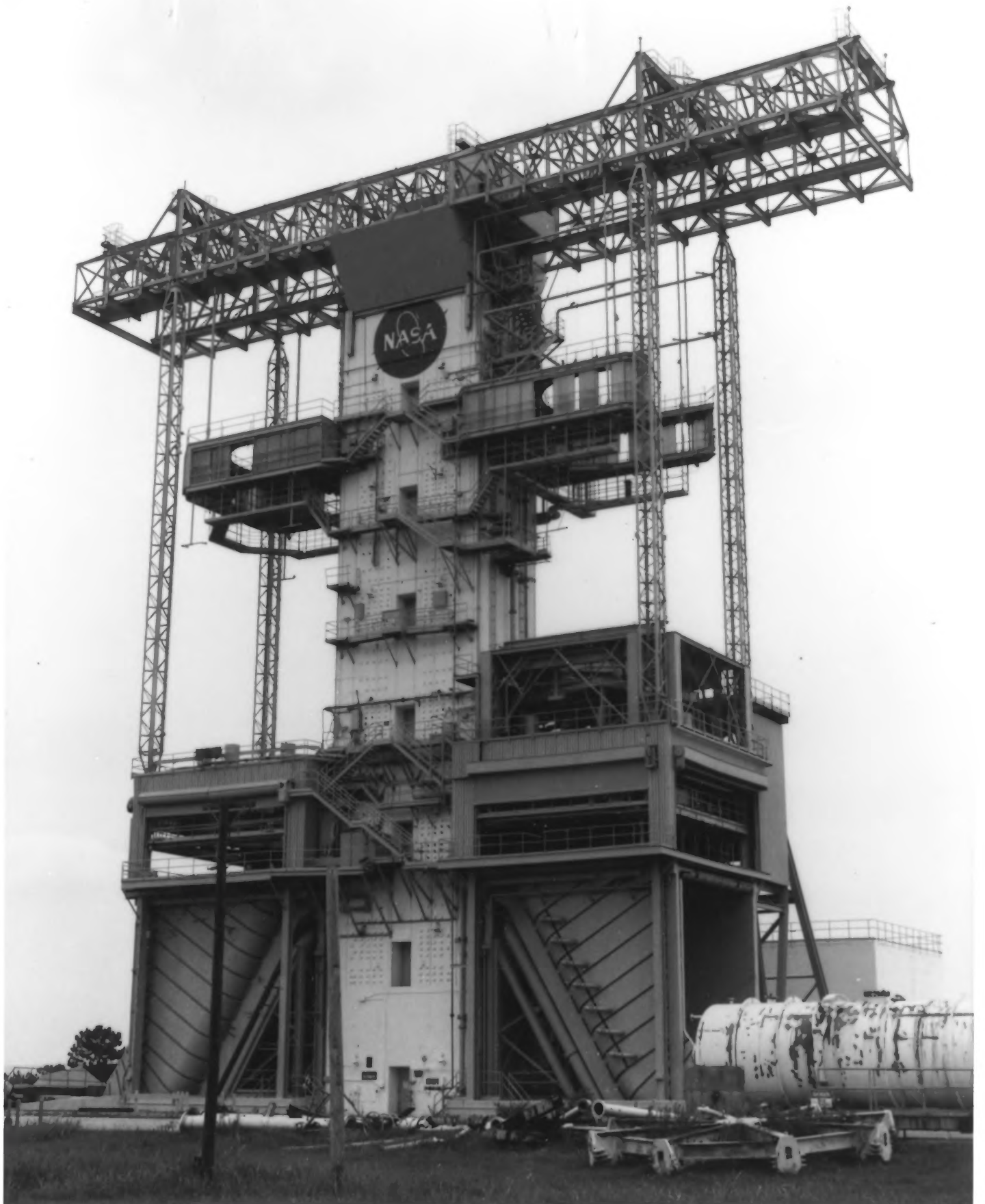
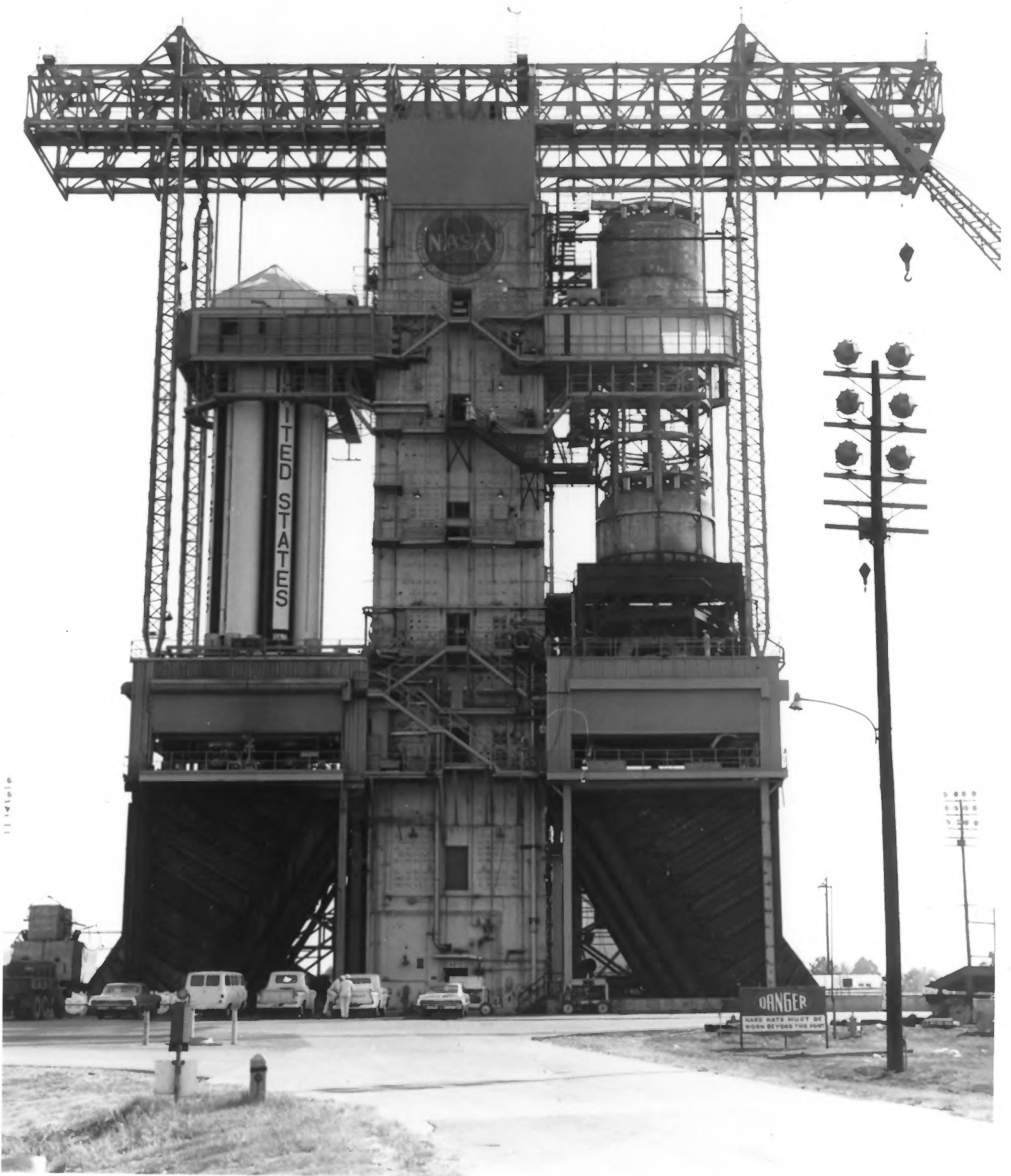


Photo #30

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-1 Static Test Tower with S-1 stage in the test position on the left and F-1 engine tankage in position on the right.

006
1.34

6B
35%



SATURN I SATURN II TEST STAND
This structure is used to test the Saturn I and Saturn II rockets. It is the largest structure ever built in the world. It is located at the Marshall Space Flight Center in Huntsville, Alabama. It was built by the Boeing Company.

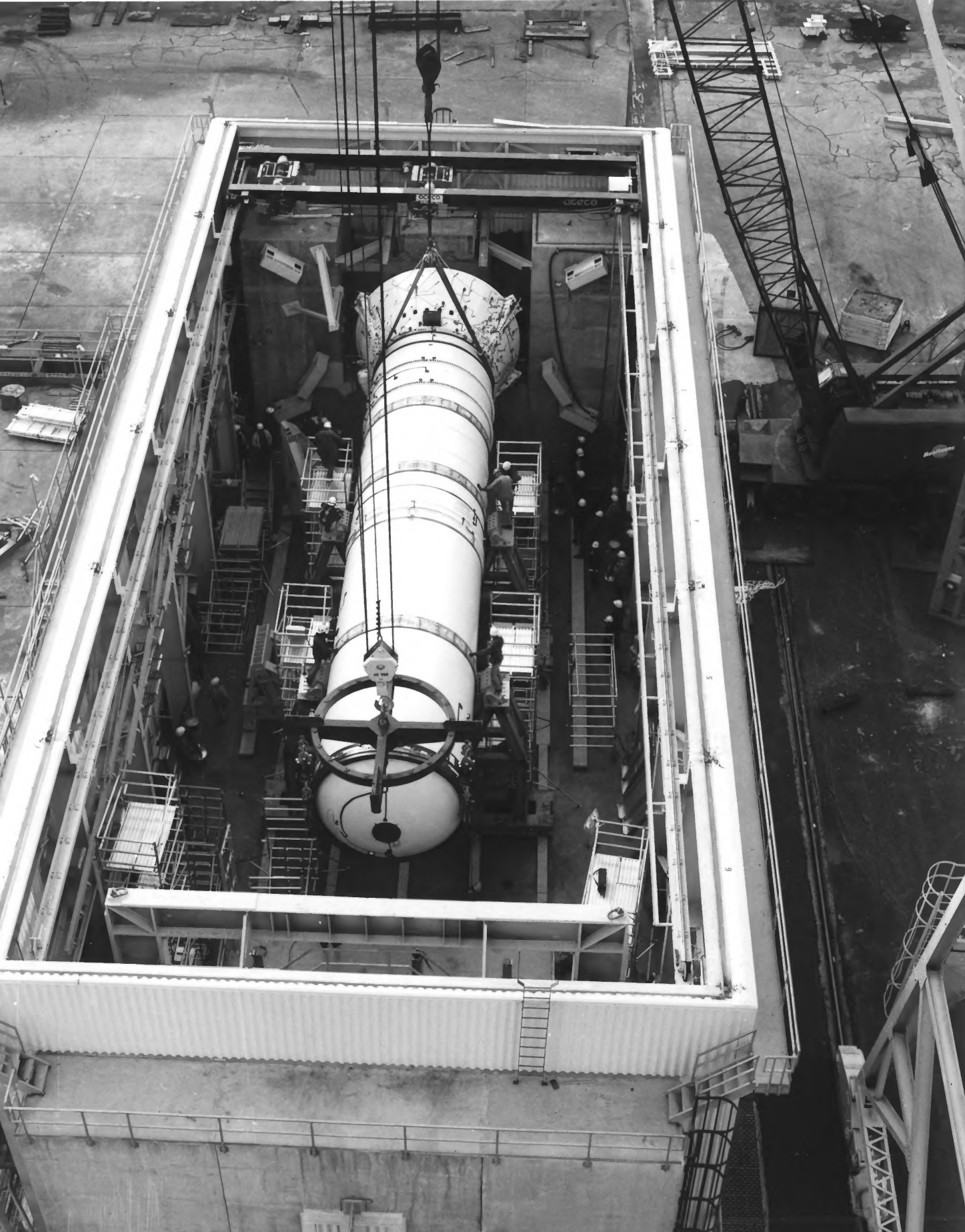
STILL CAPTION									
NEGATIVE NO.	CLASS	T Y ₈	S Z ₈	LAB/ OFF	NO/YR	H L O			
442245	U	B	Z	AB	4/84				
		SATURN 1B TEST STAND							
		BLDG. 4572							
PHOTOGRAPHER: CORDER				JMC		DATE: 6/6/84			
NSPO - Form 1863 (Rev. August 1976)					• MILITE CODE • "E"				

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