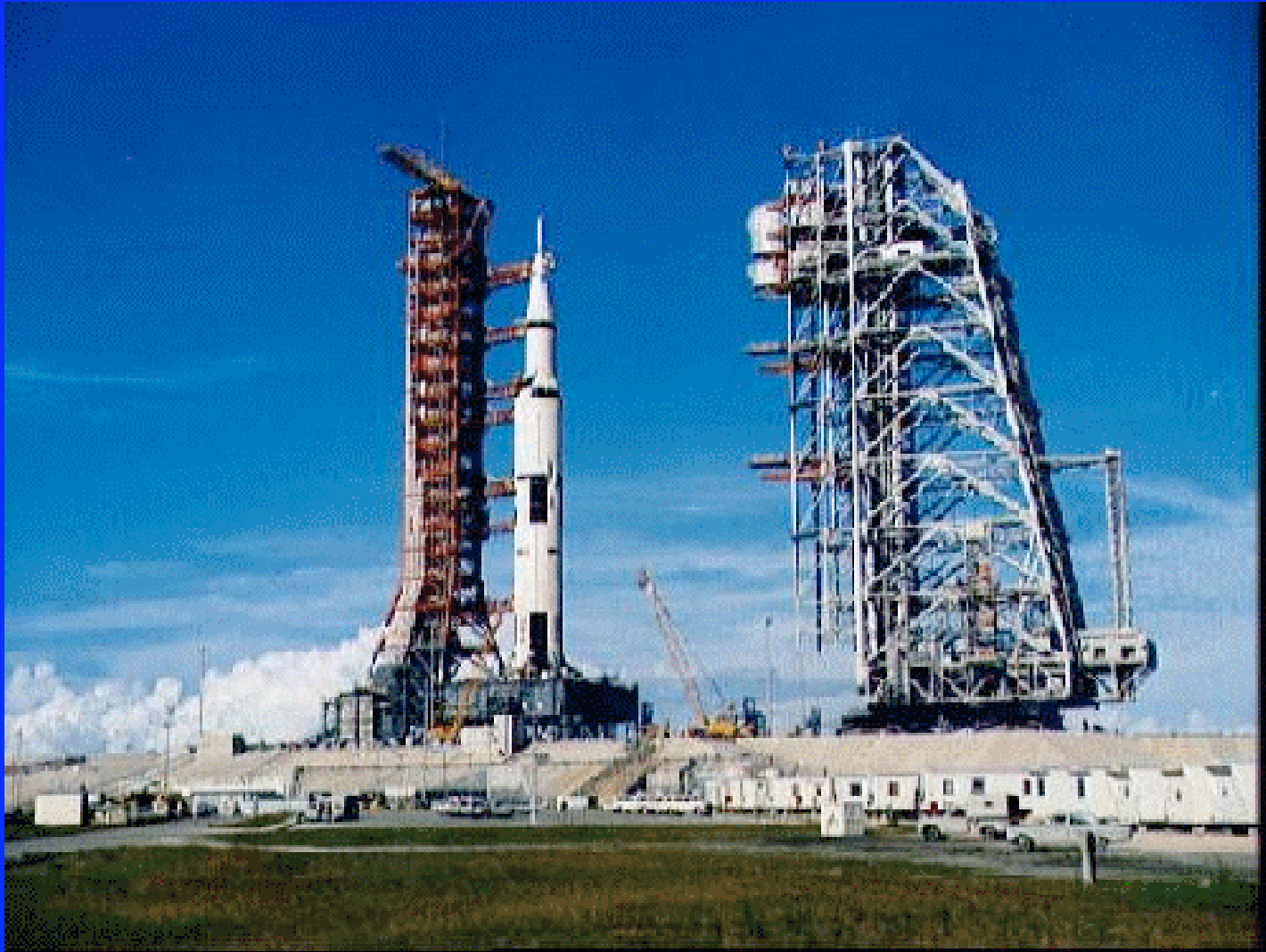


Ground Processing and Launch Facilities

- Historical examples: Saturn I and V
- Modern example: Delta IV Heavy

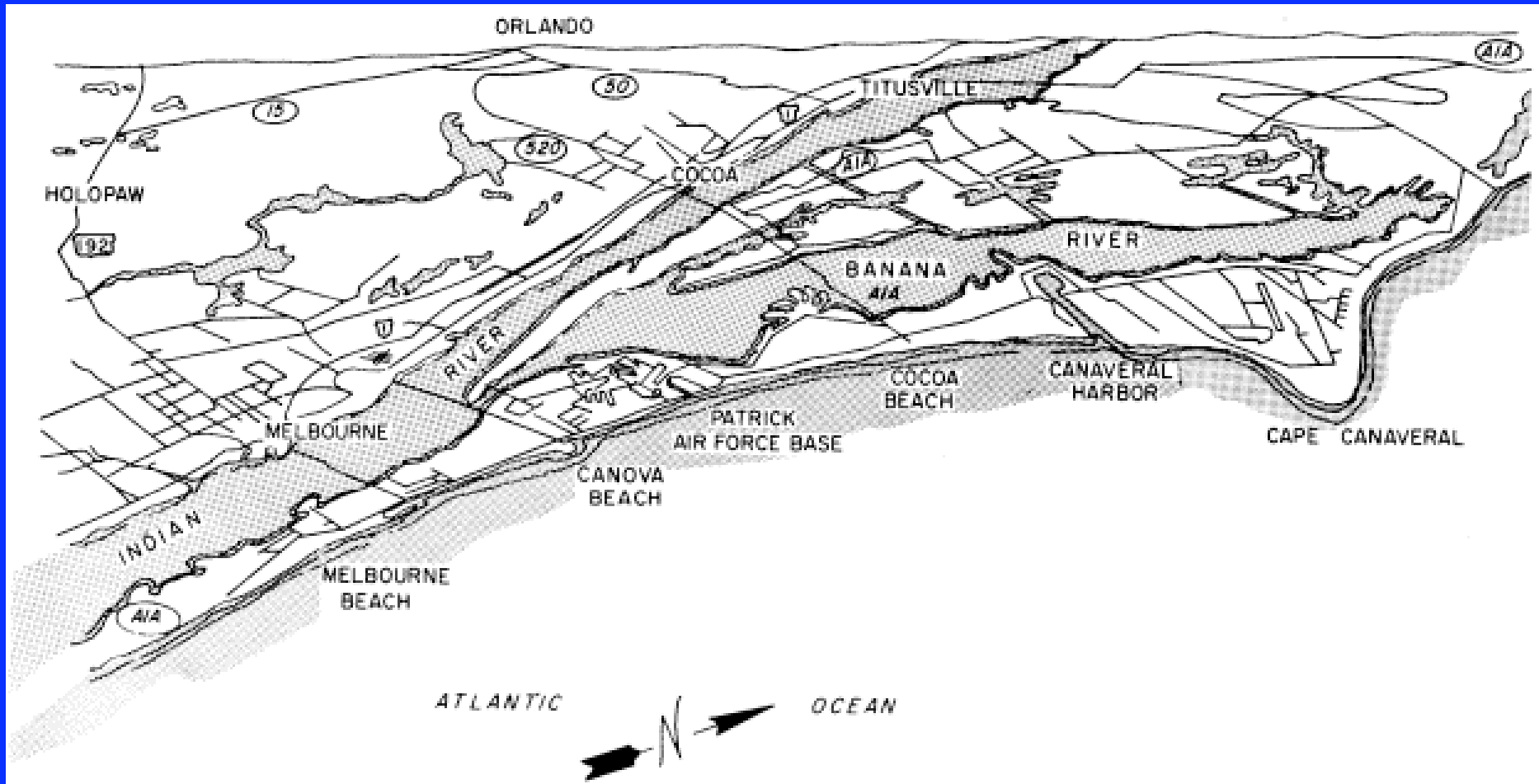
Saturn V Launch Facility



Cape Canaveral circa 1950



Map of Cape Canaveral



"ICBM Row"



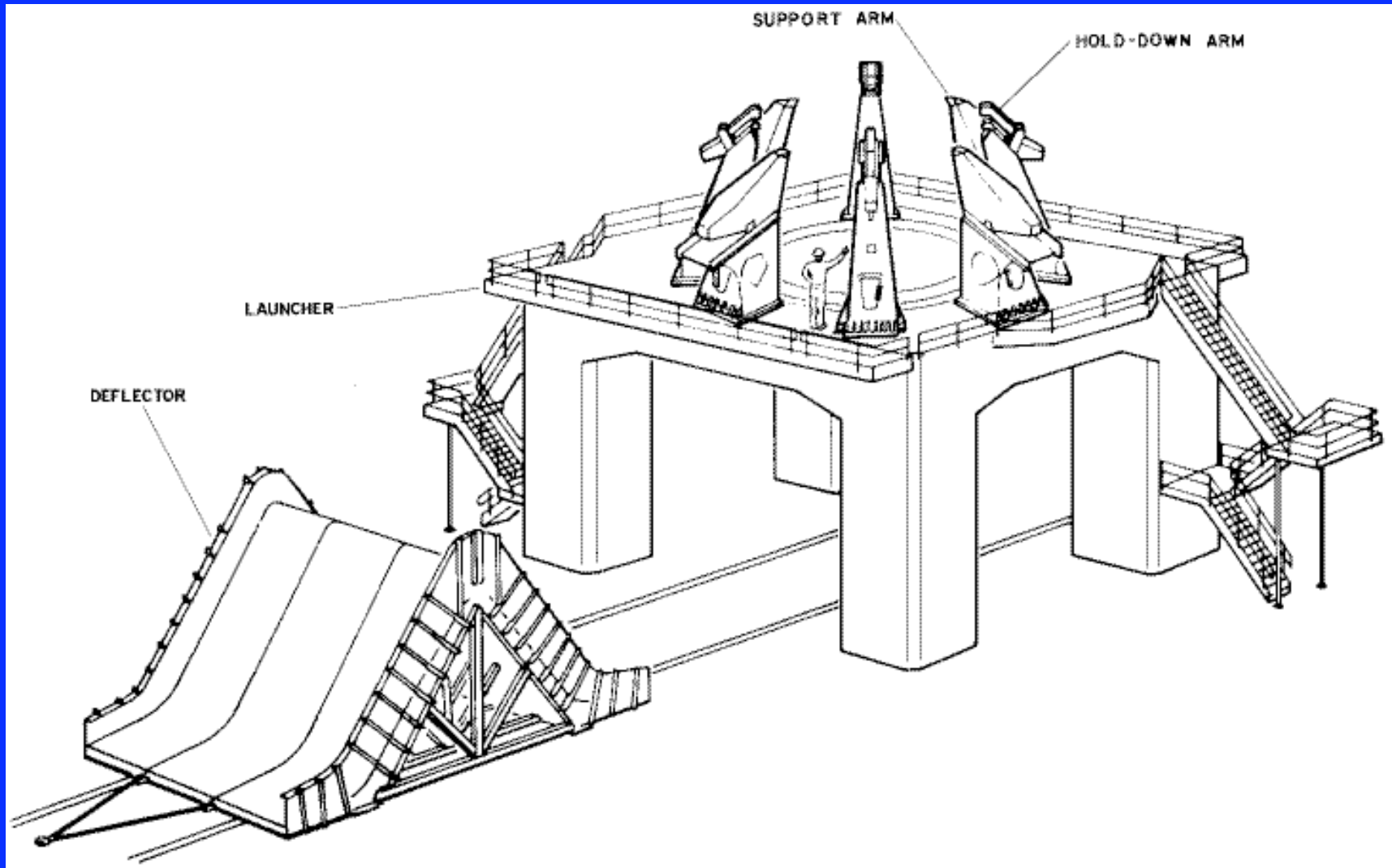
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LC-34 Schematic



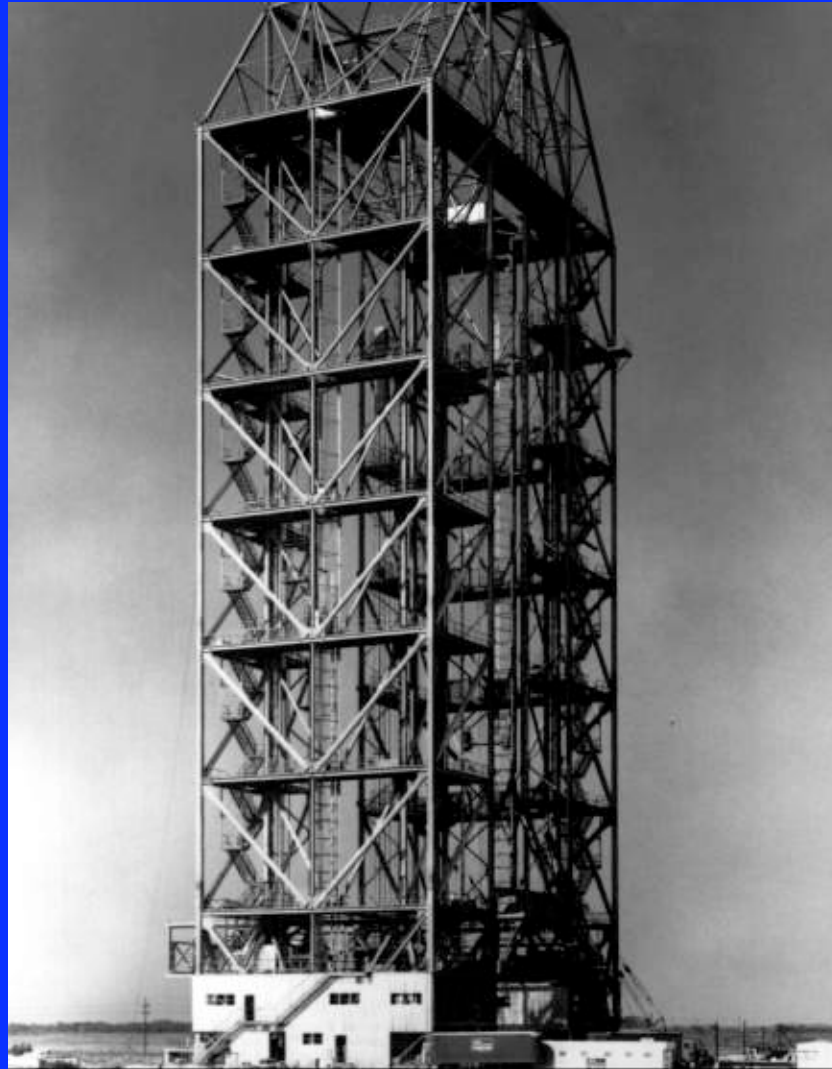
Saturn I Launch Pedestal



LC-34 Launch Pedestal Under Construction



LC-34 Service Structure



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LC-34 Blockhouse



LC-34 Flame Deflector



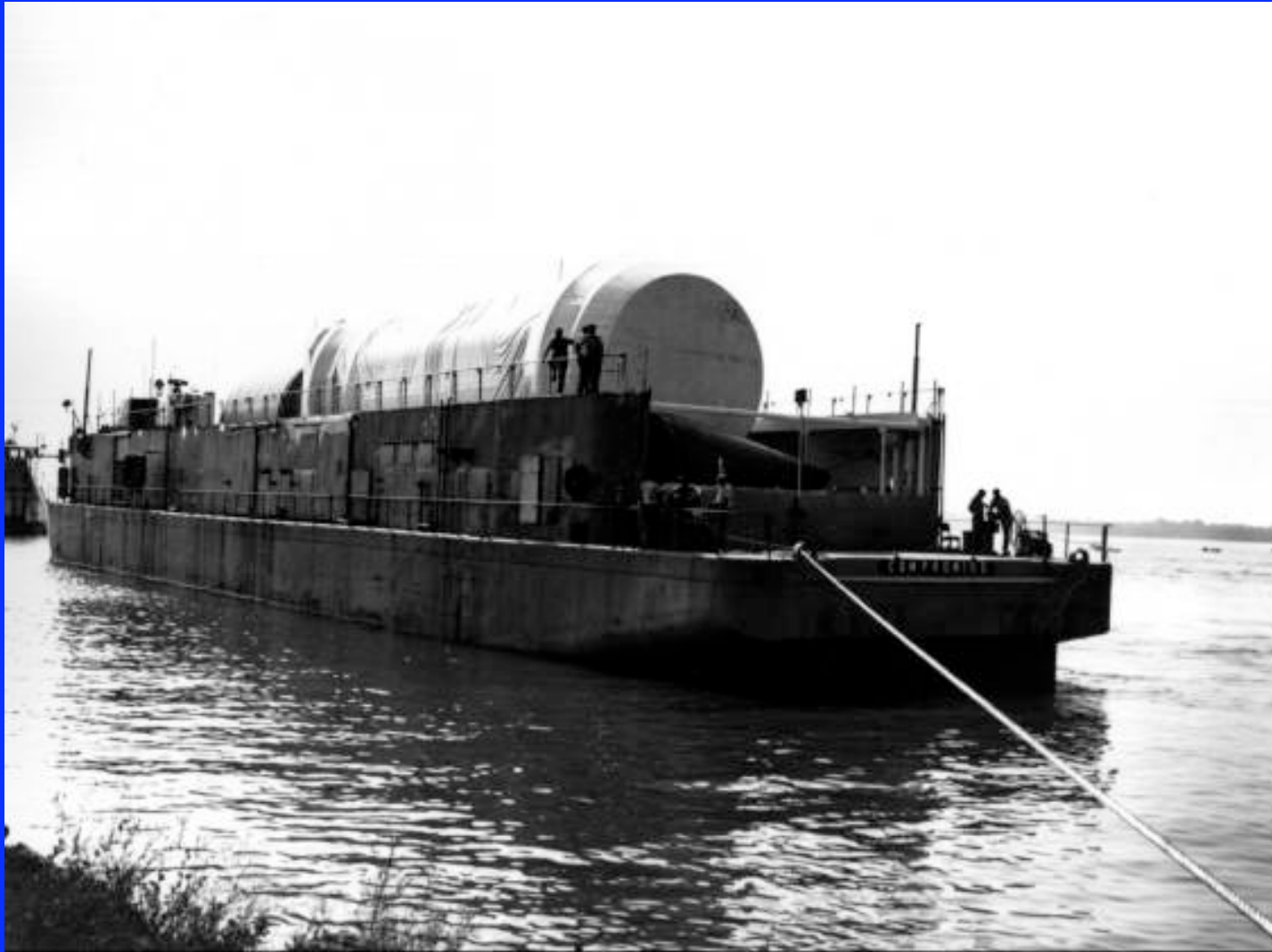
Aerial View of LC-34



Aerial View of LC-34



Barge Transport of Launch Vehicle Stages



Aerial Transport of Stages



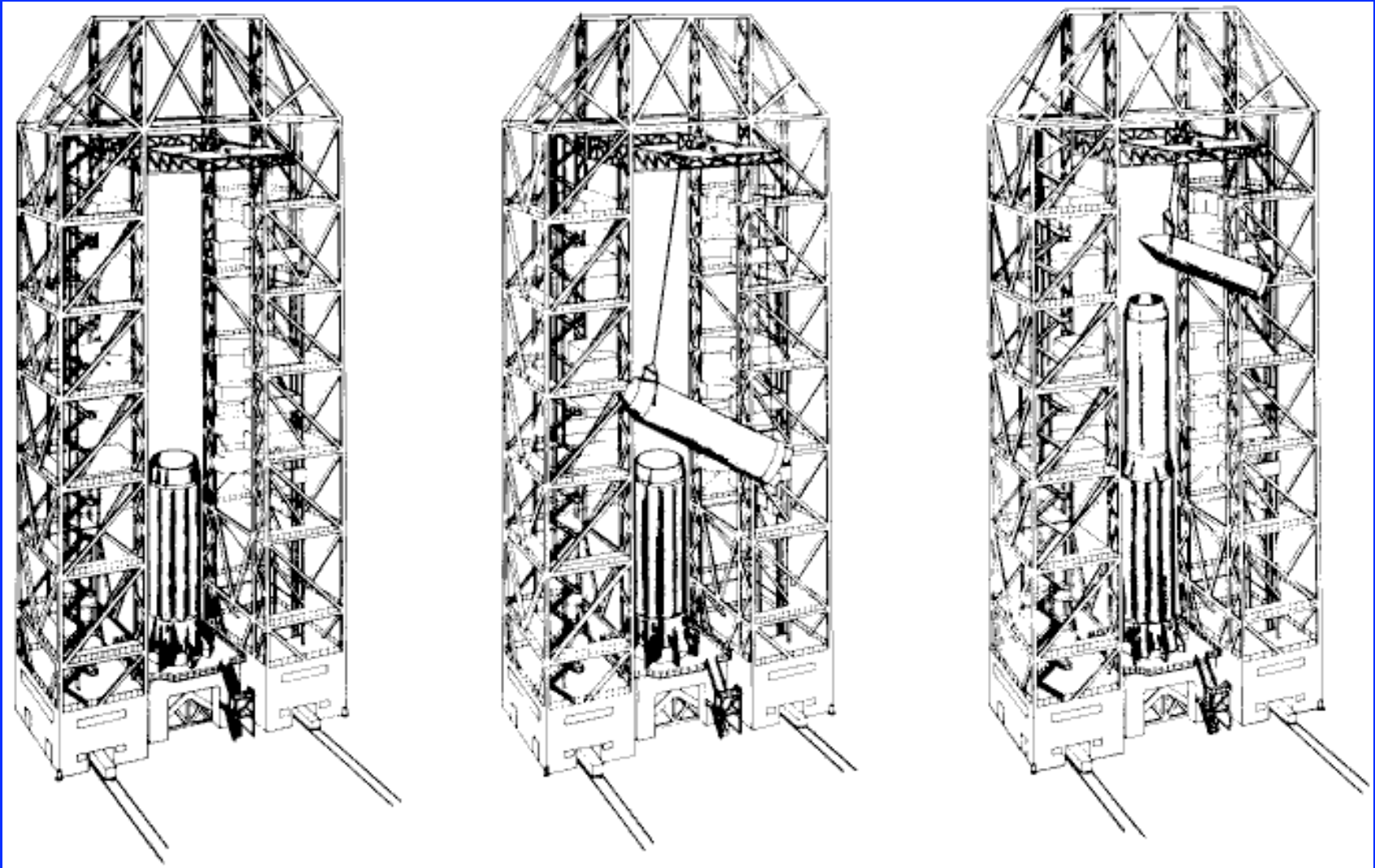
S-I Stage Rotation



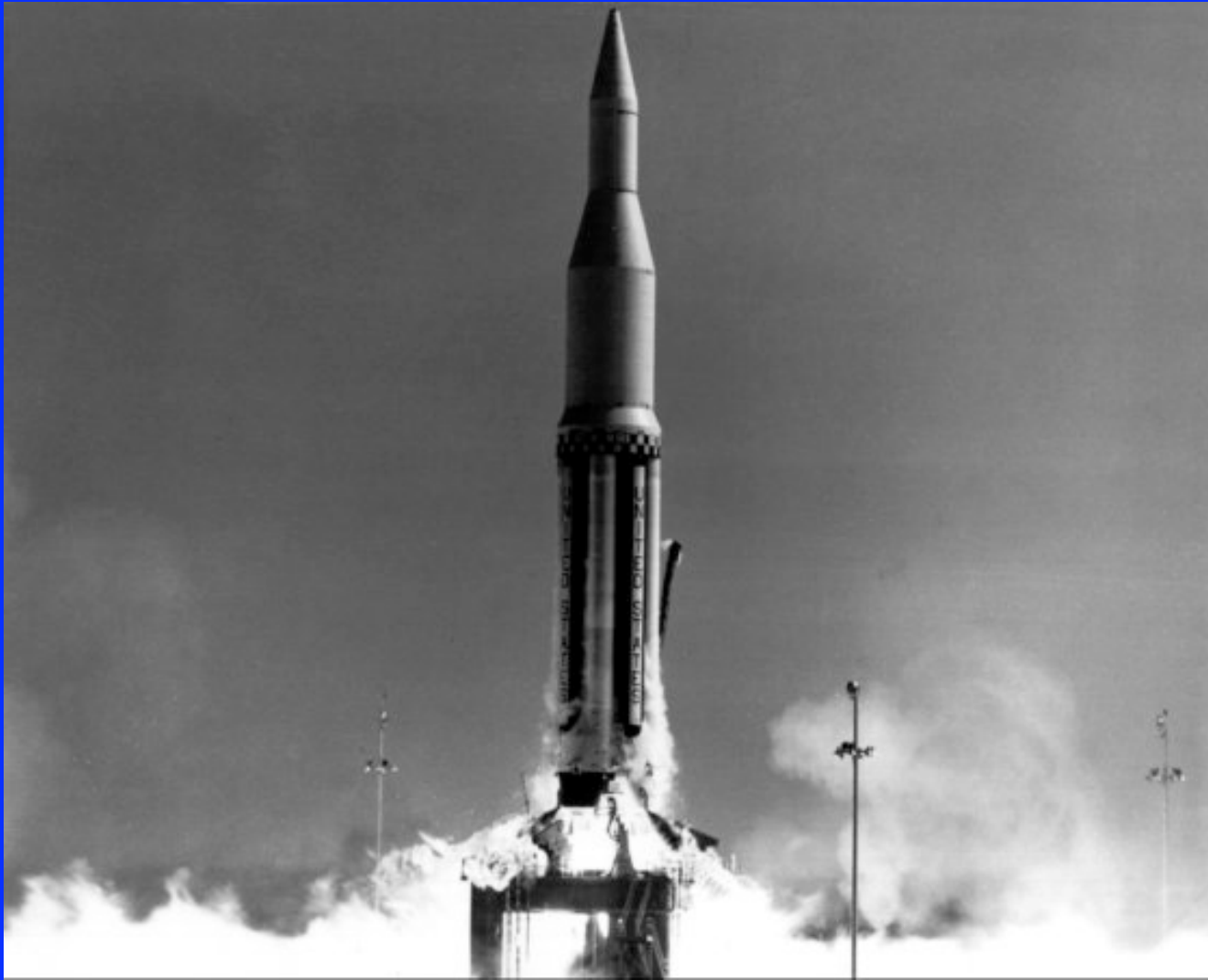
S-I Stage Rotation



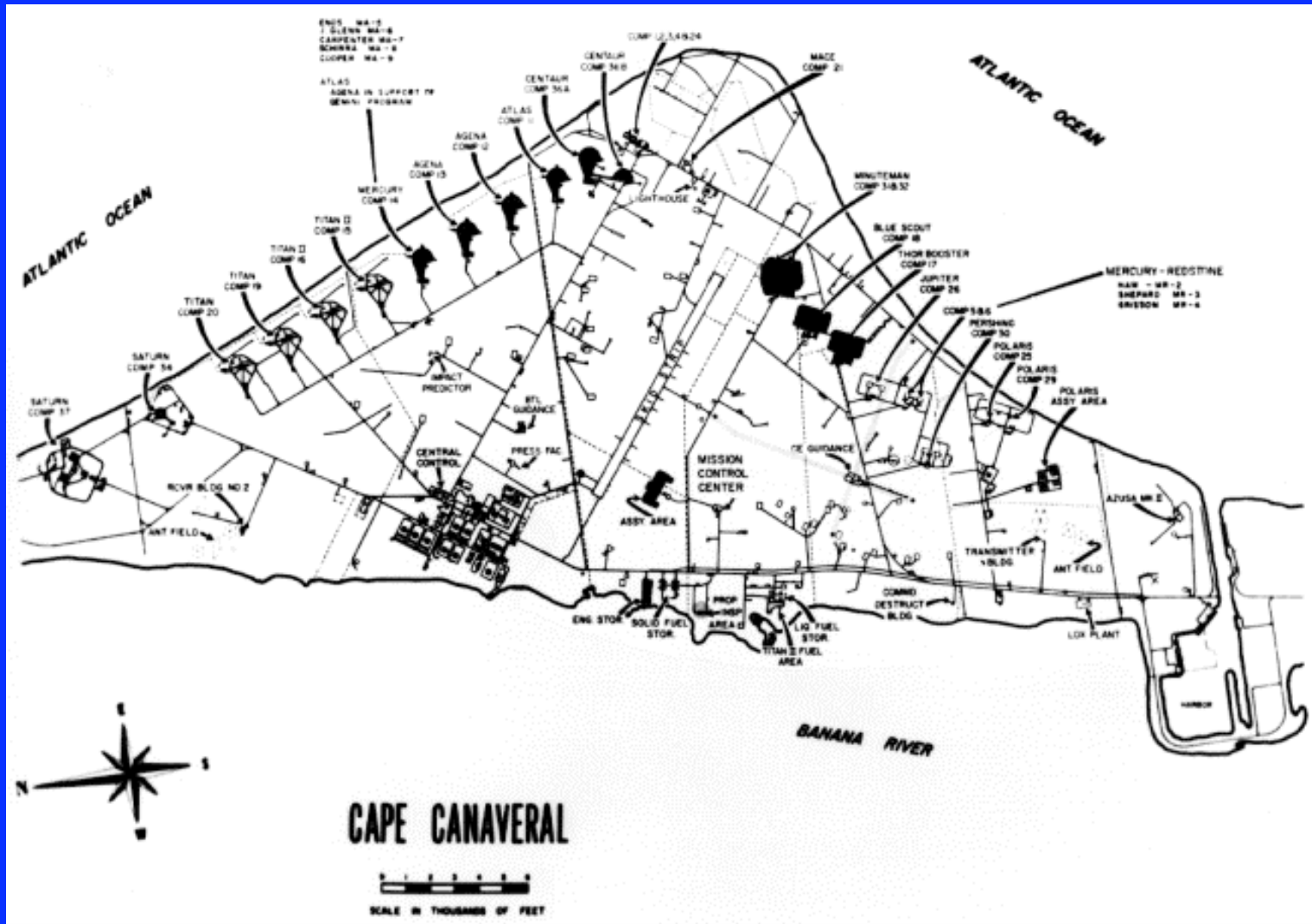
Saturn I Erection Process



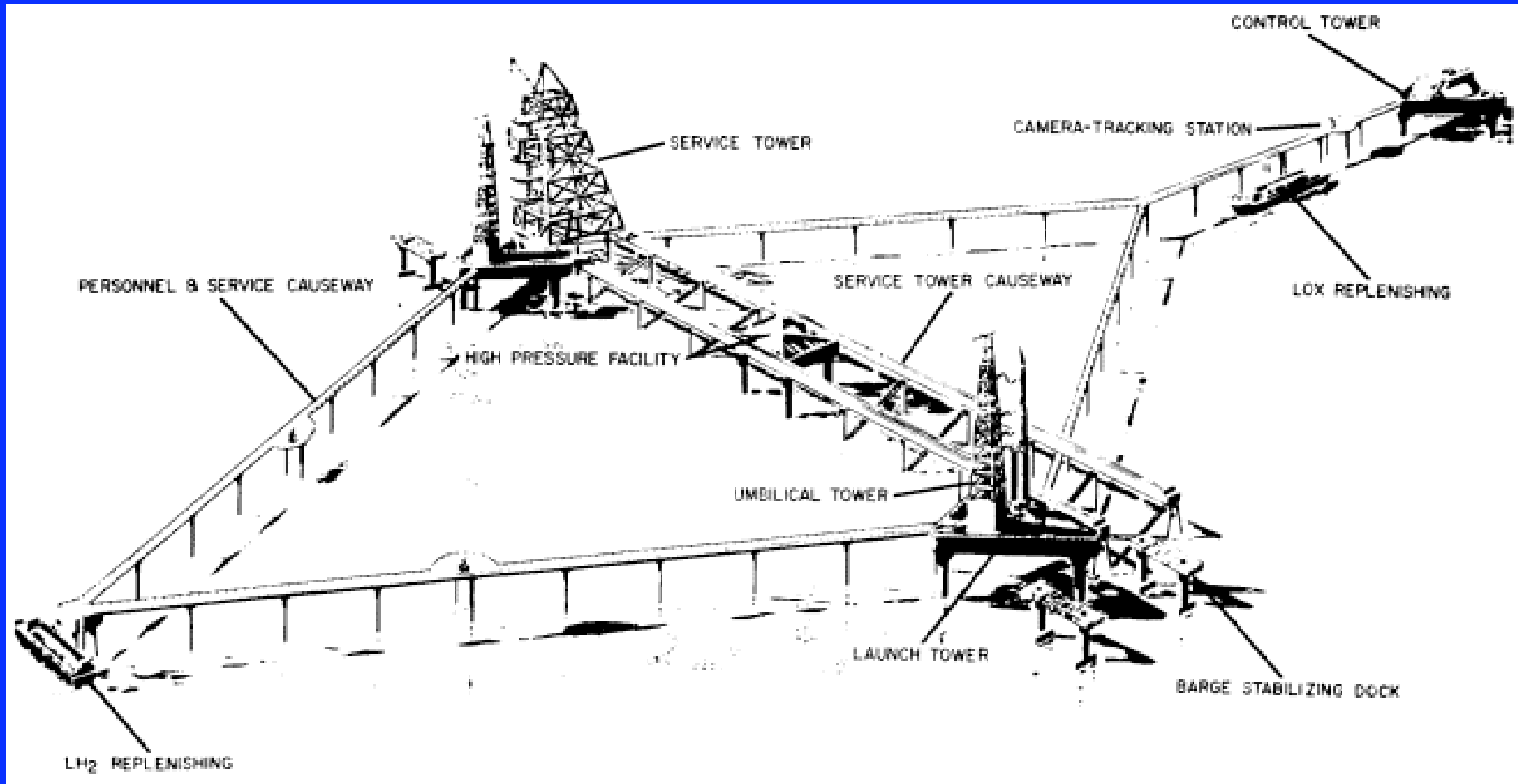
SA-201 Launch



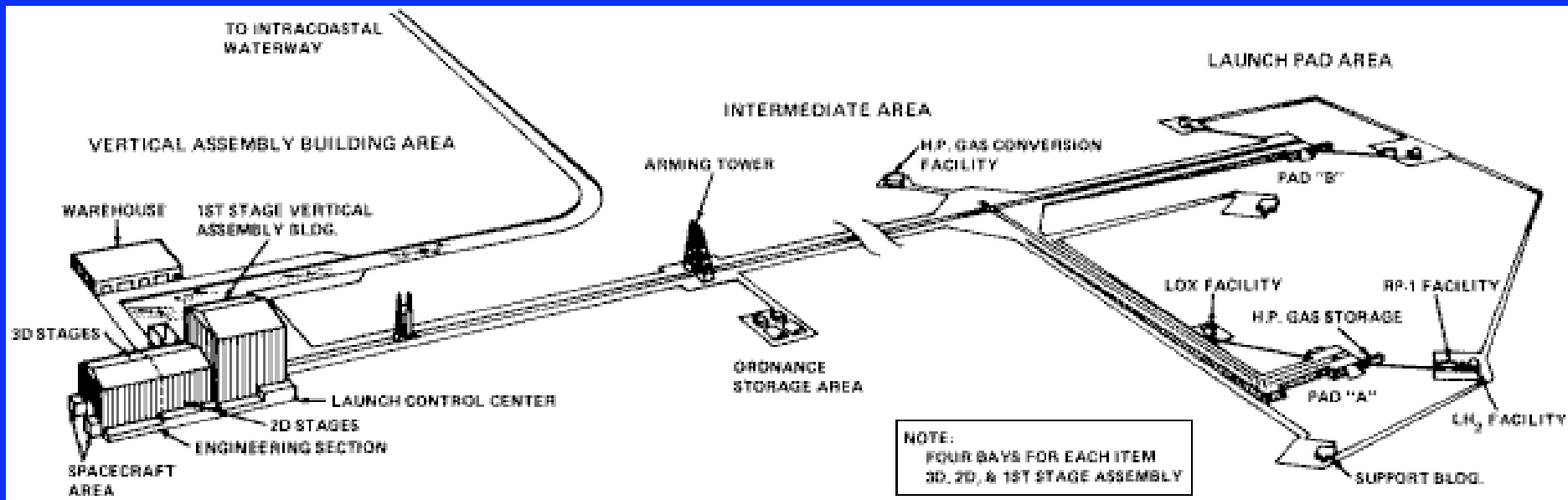
Cape Canaveral Siting Map



Concept of an Off-Shore Launch Facility



Early Mobile Launch Complex Concept

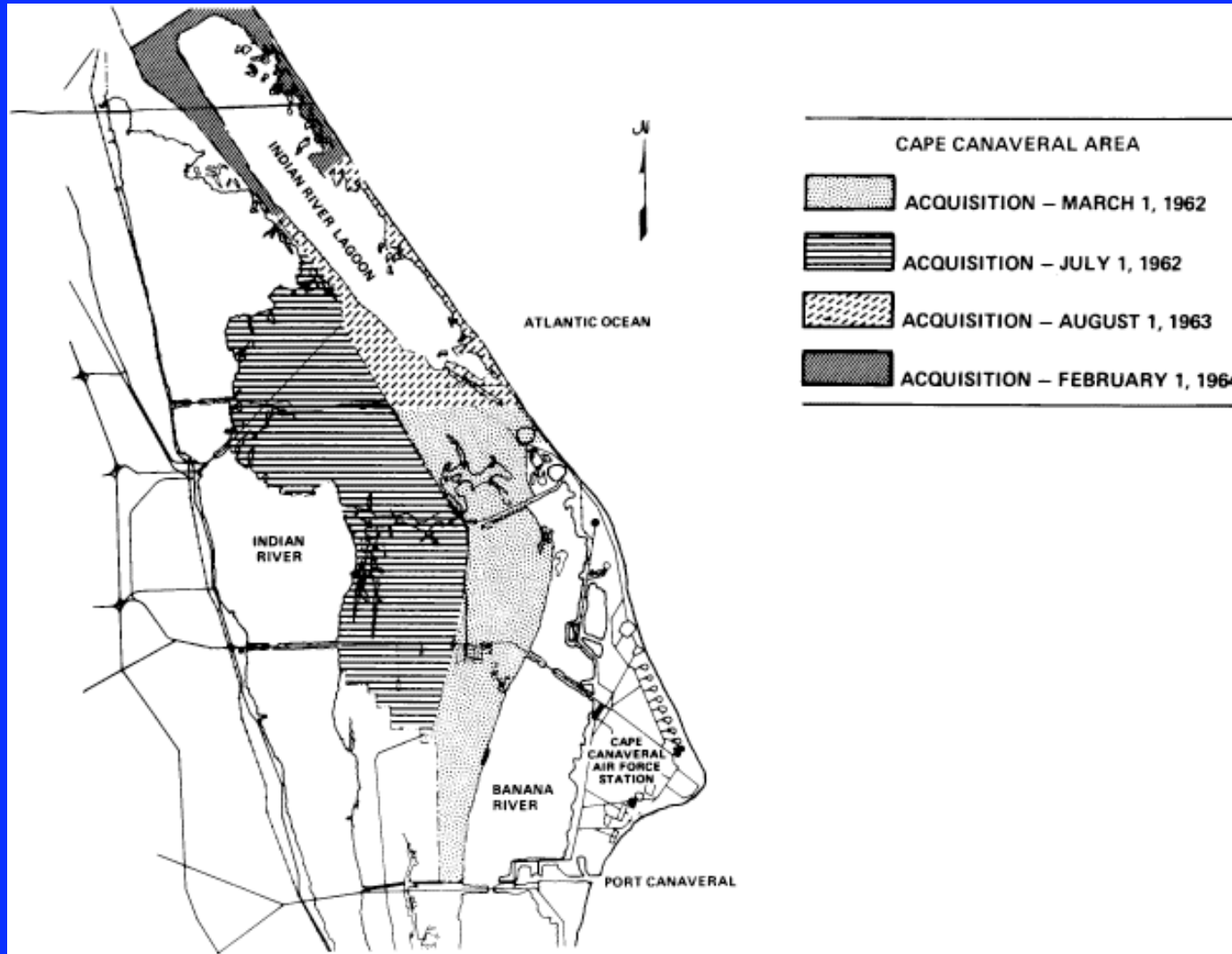


Launch Sites Considered for Apollo

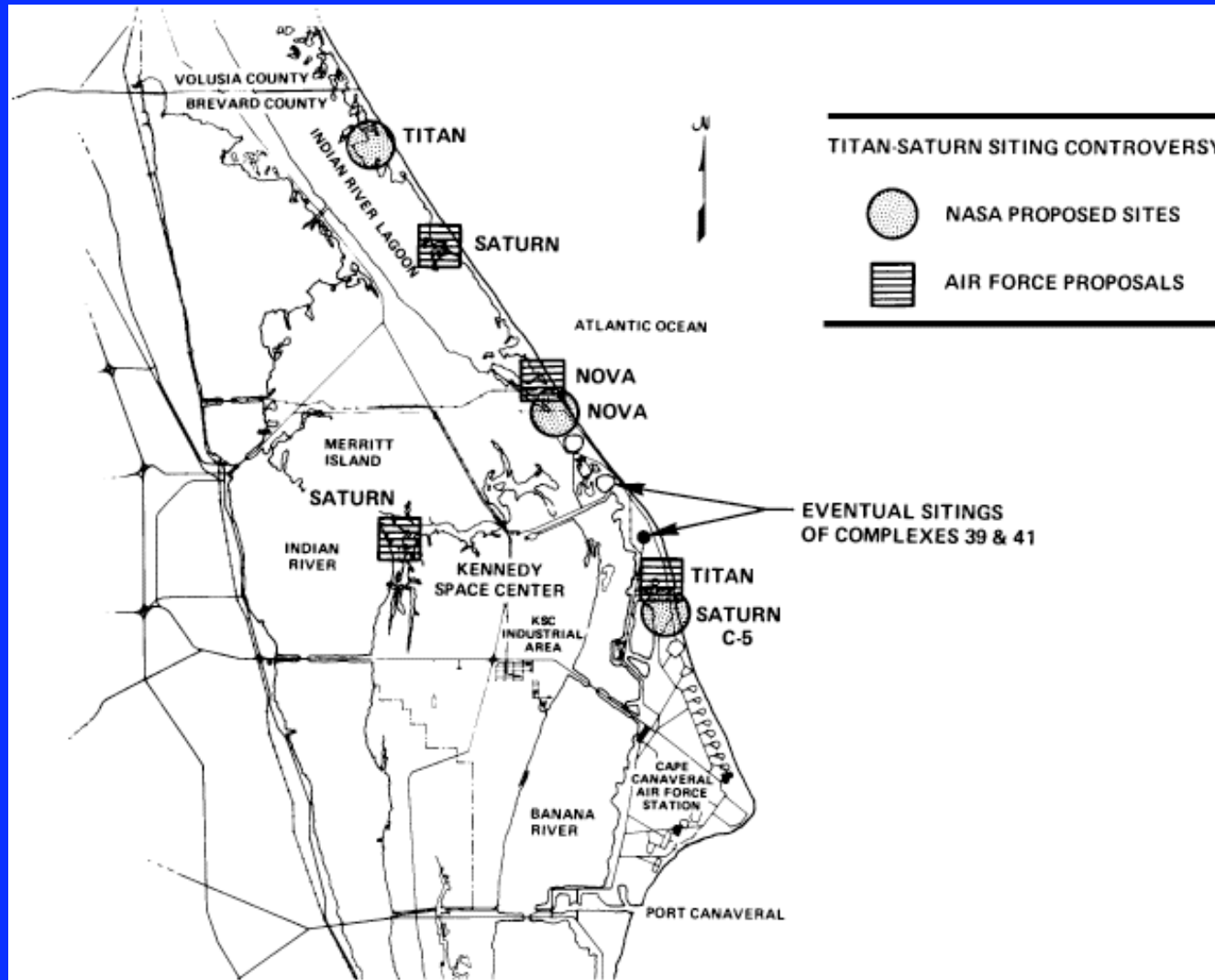
- Cape Canaveral
- Offshore from Cape Canaveral
- Mayaguana Island in the Bahamas
- Cumberland Island, Georgia
- A mainland site near Brownsville, Texas
- White Sands Missile Range in New Mexico
- Christmas Island in the mid-Pacific south of Hawaii
- South Point on the island of Hawaii



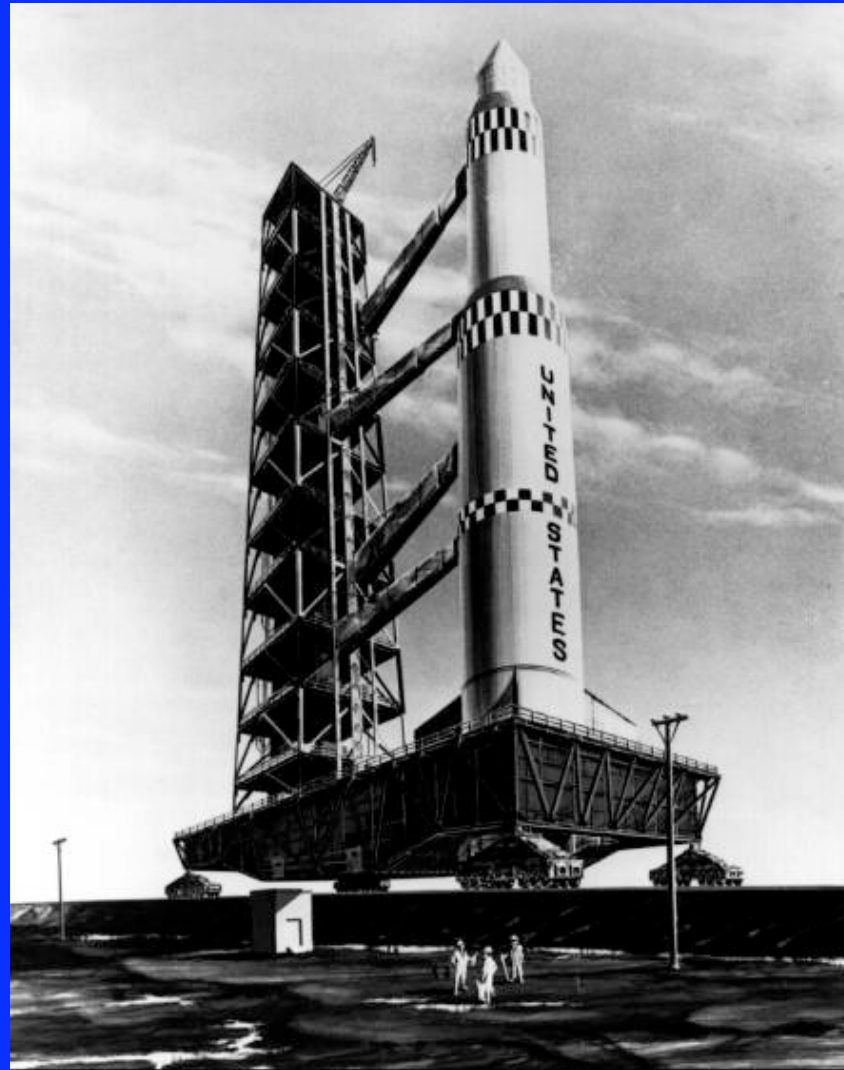
Merritt Island Launch Area (MILA)



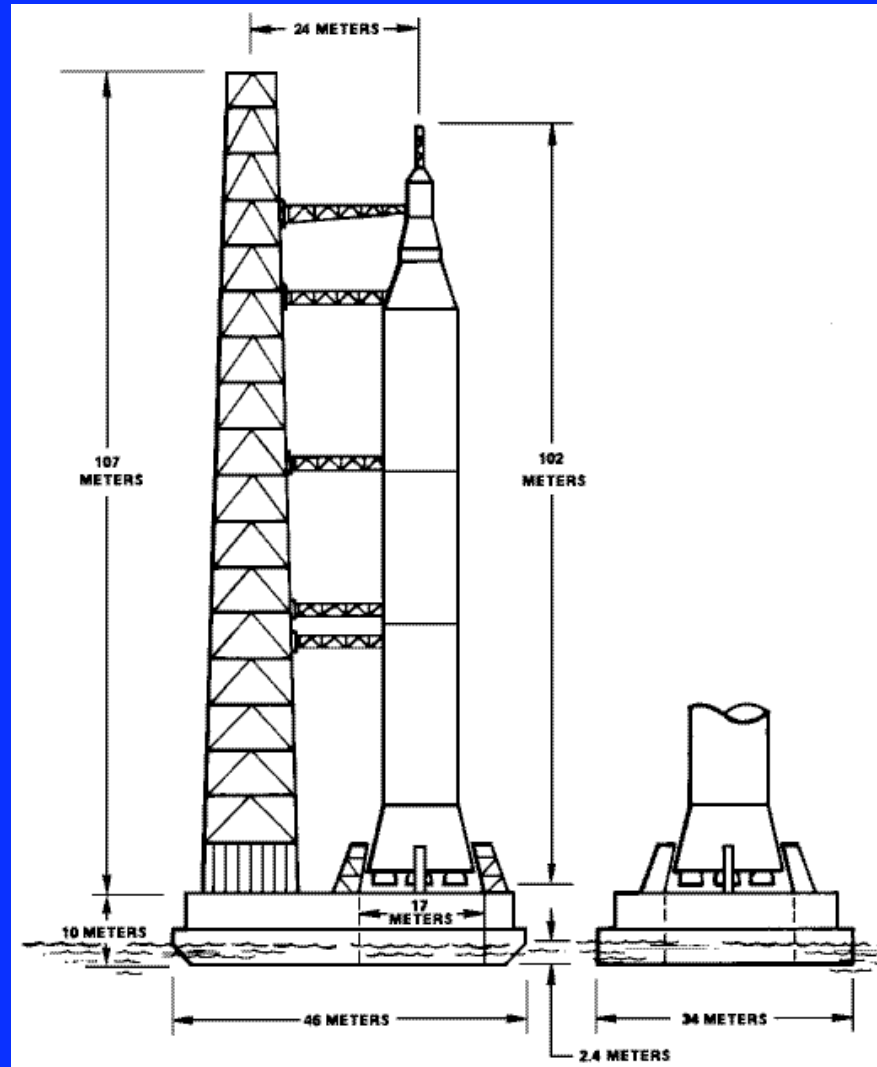
Competition for MILA Launch Sites



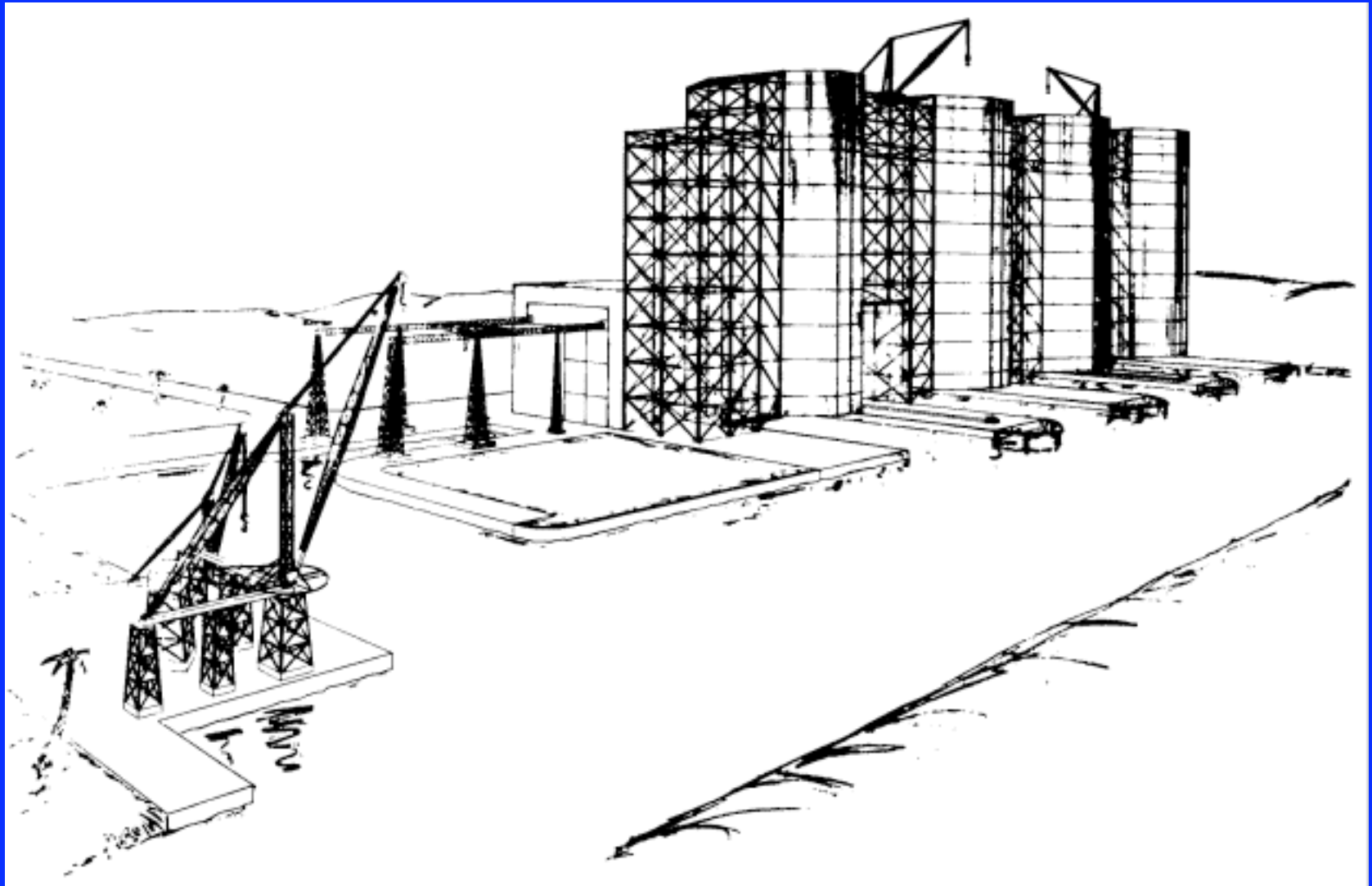
Rail-Based Nova Launch Concept



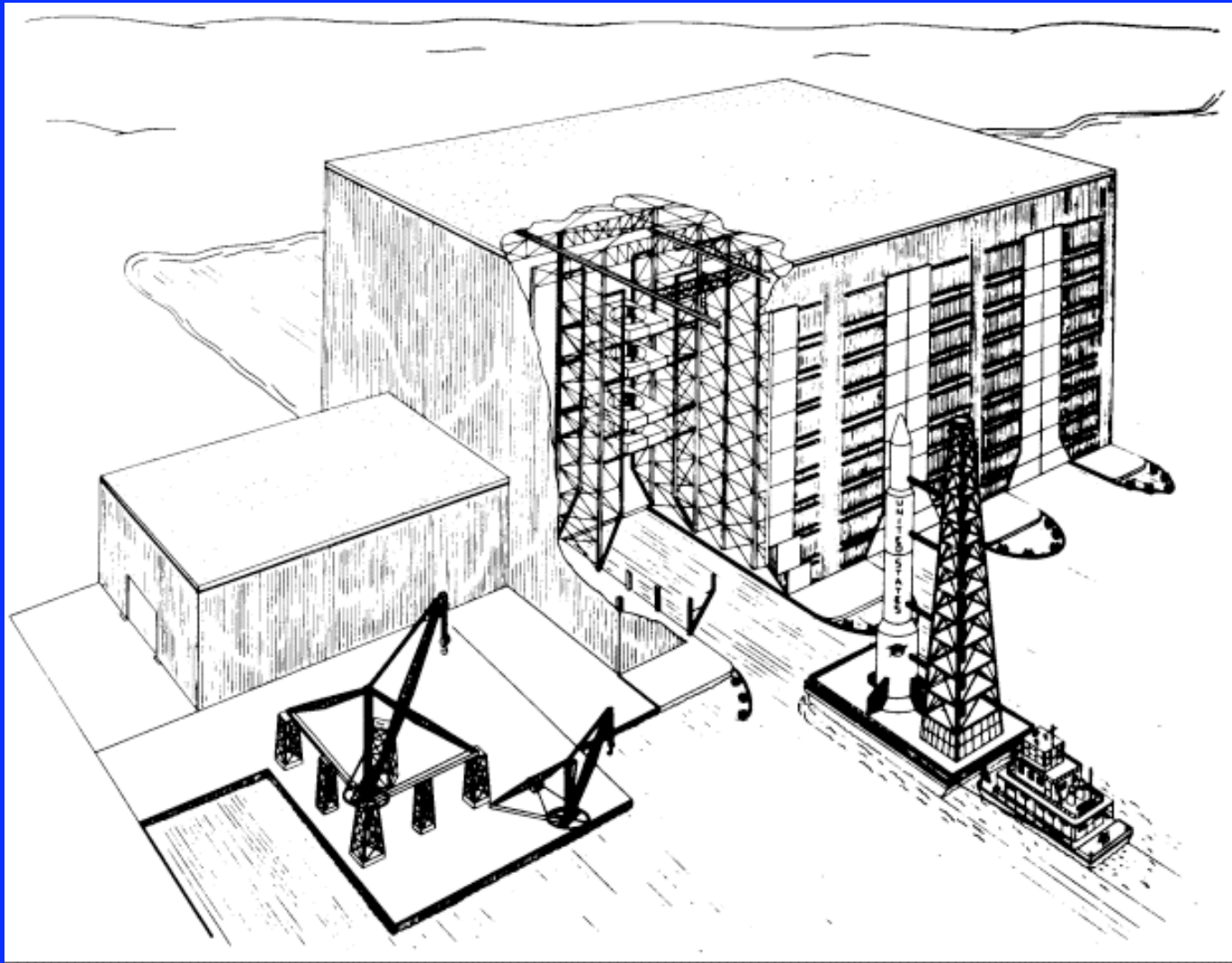
Barge-Based Saturn V Launch Concept



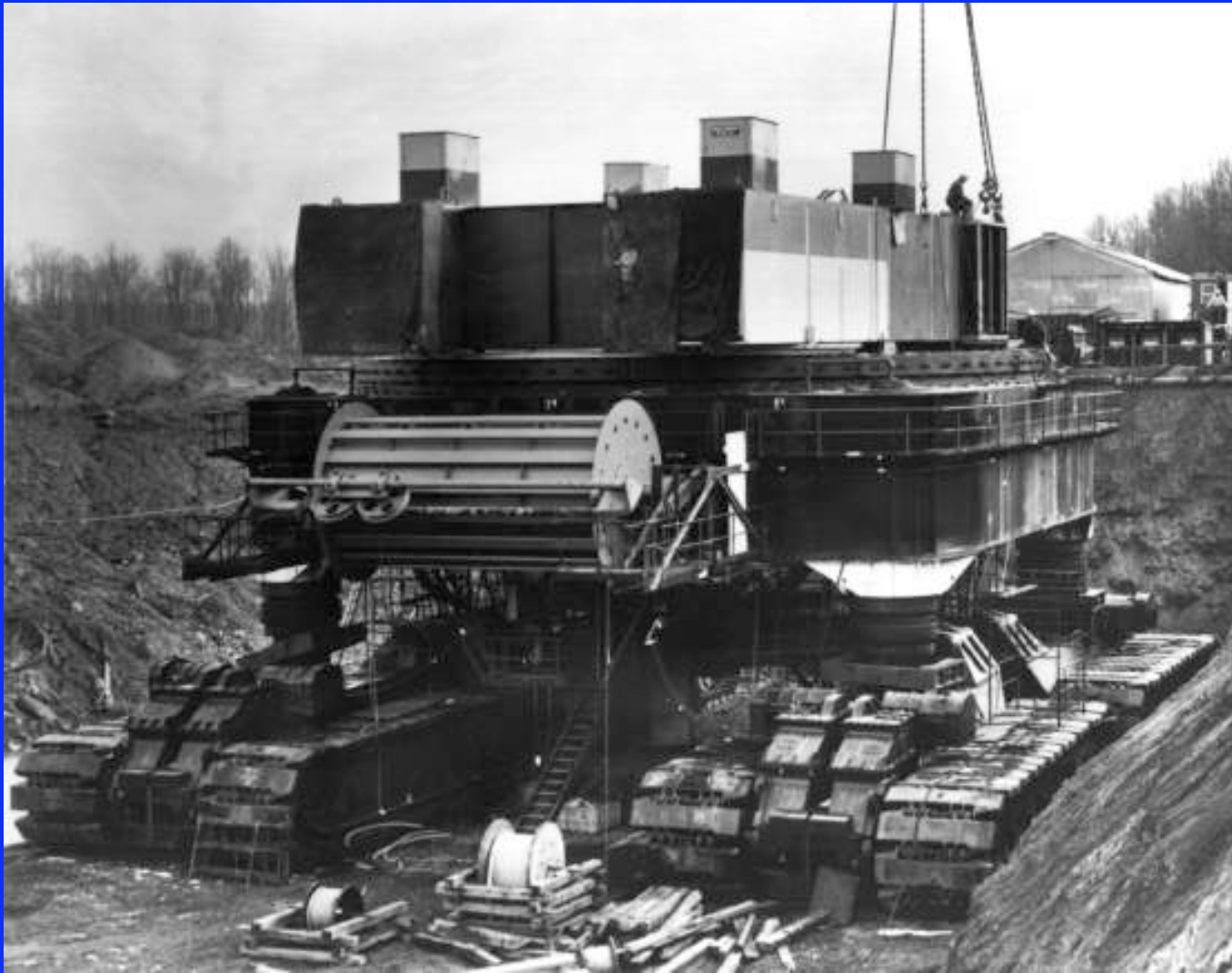
Barge-Based Vertical Assembly Building



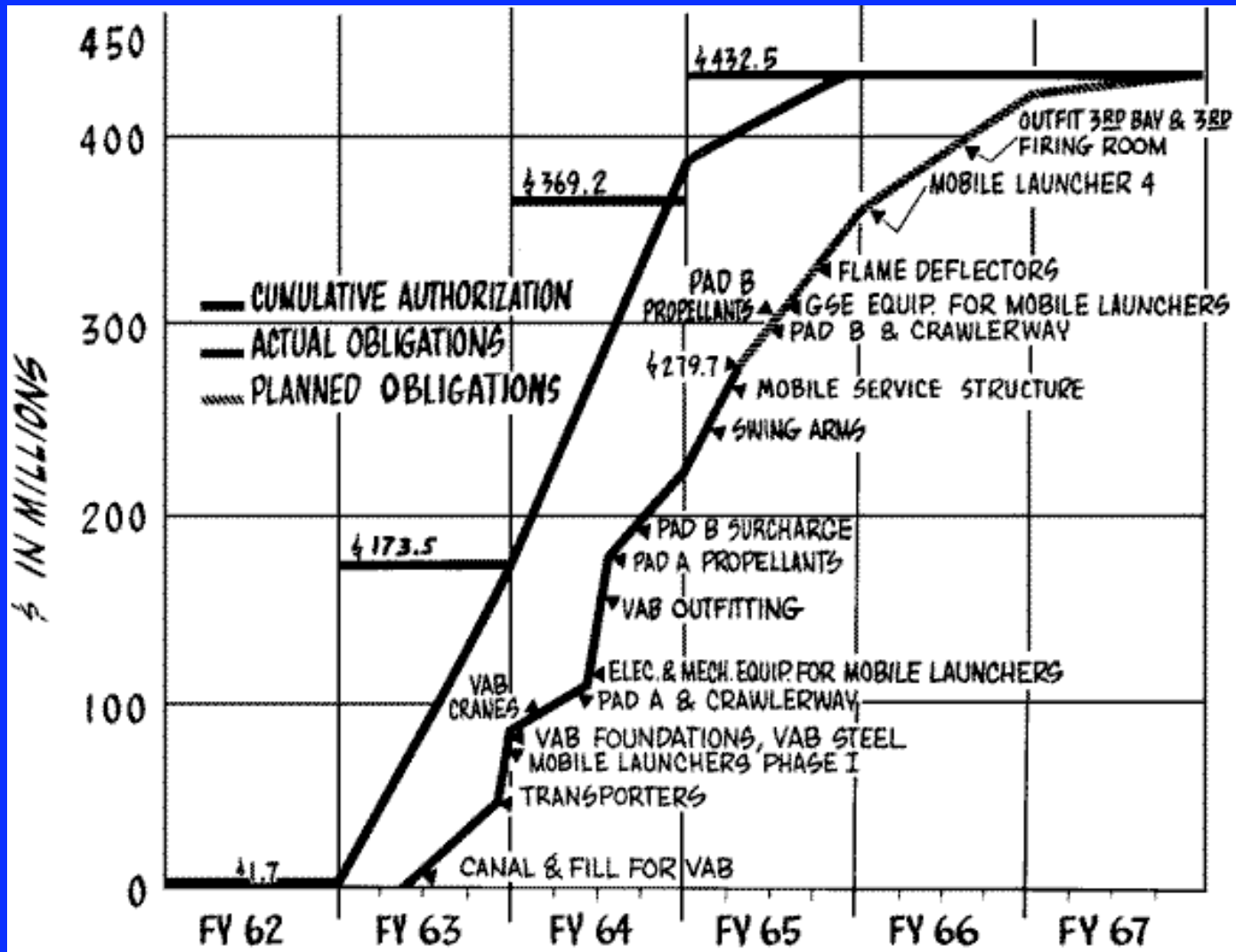
Barge-Based VAB (Enclosed)



West Virginia Strip-Mine Coal Shovel



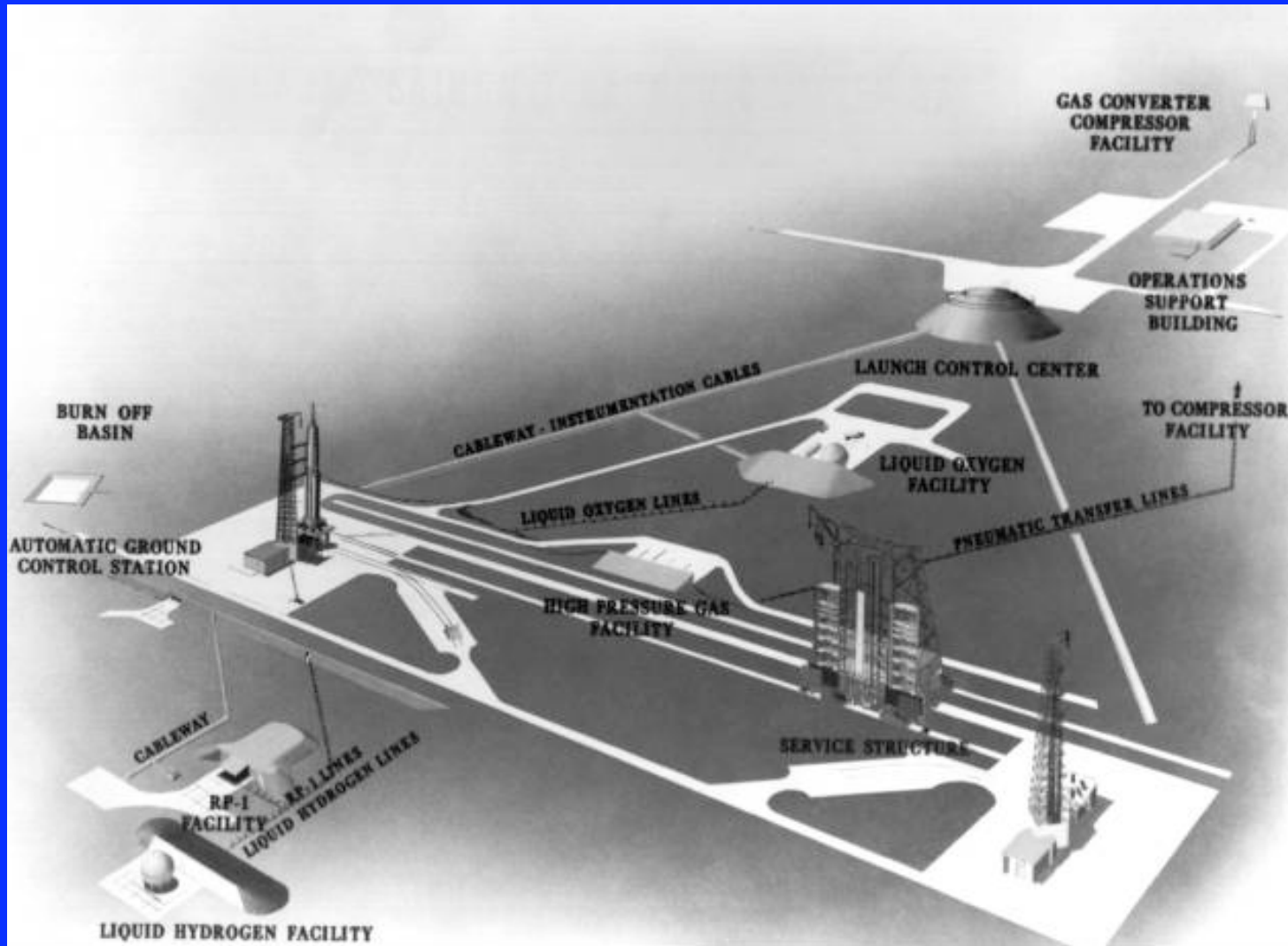
Expenditures for LC-39



Aerial View of LC-34



LC-37 Concept





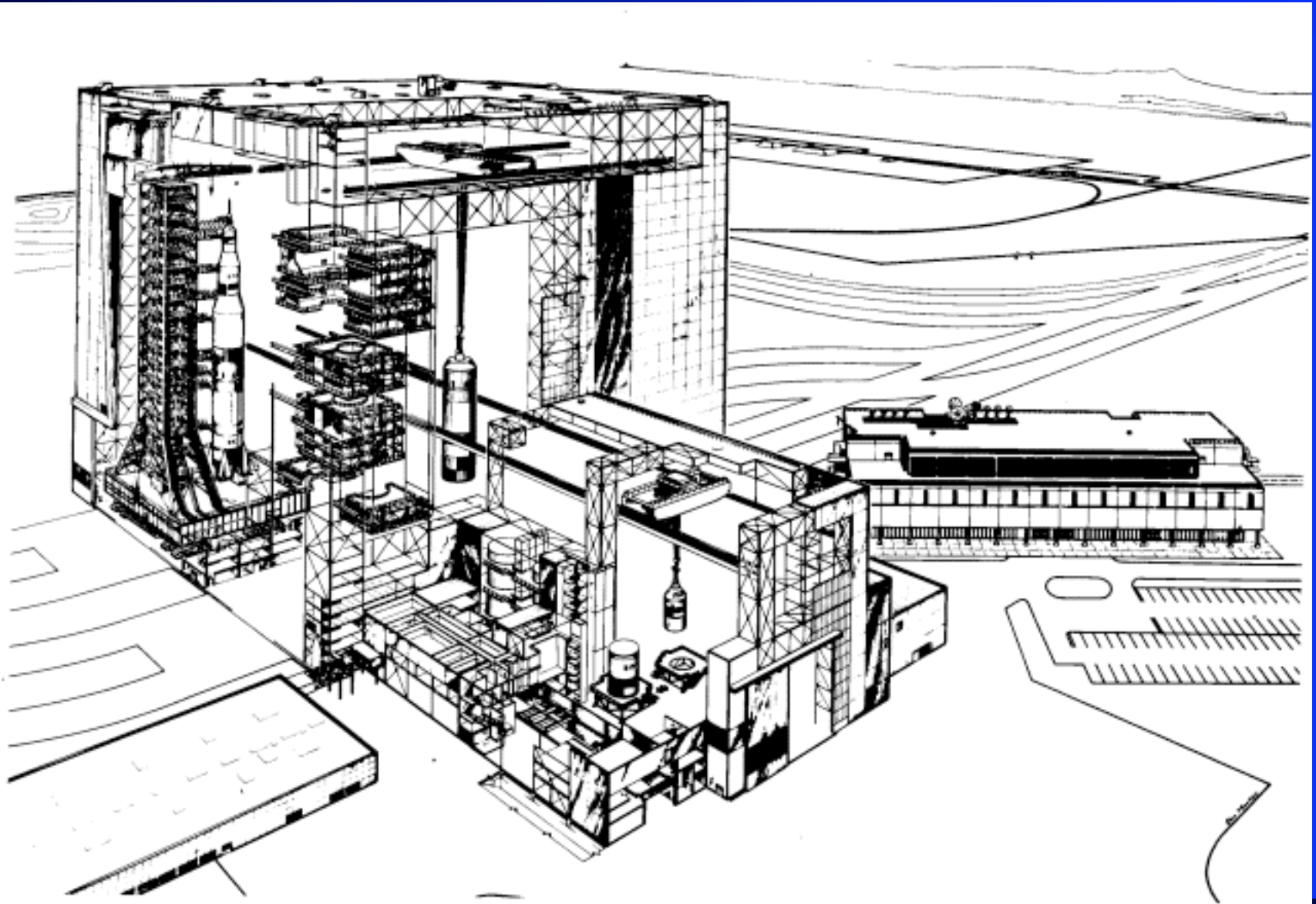
LC-37 Under Construction (1963)





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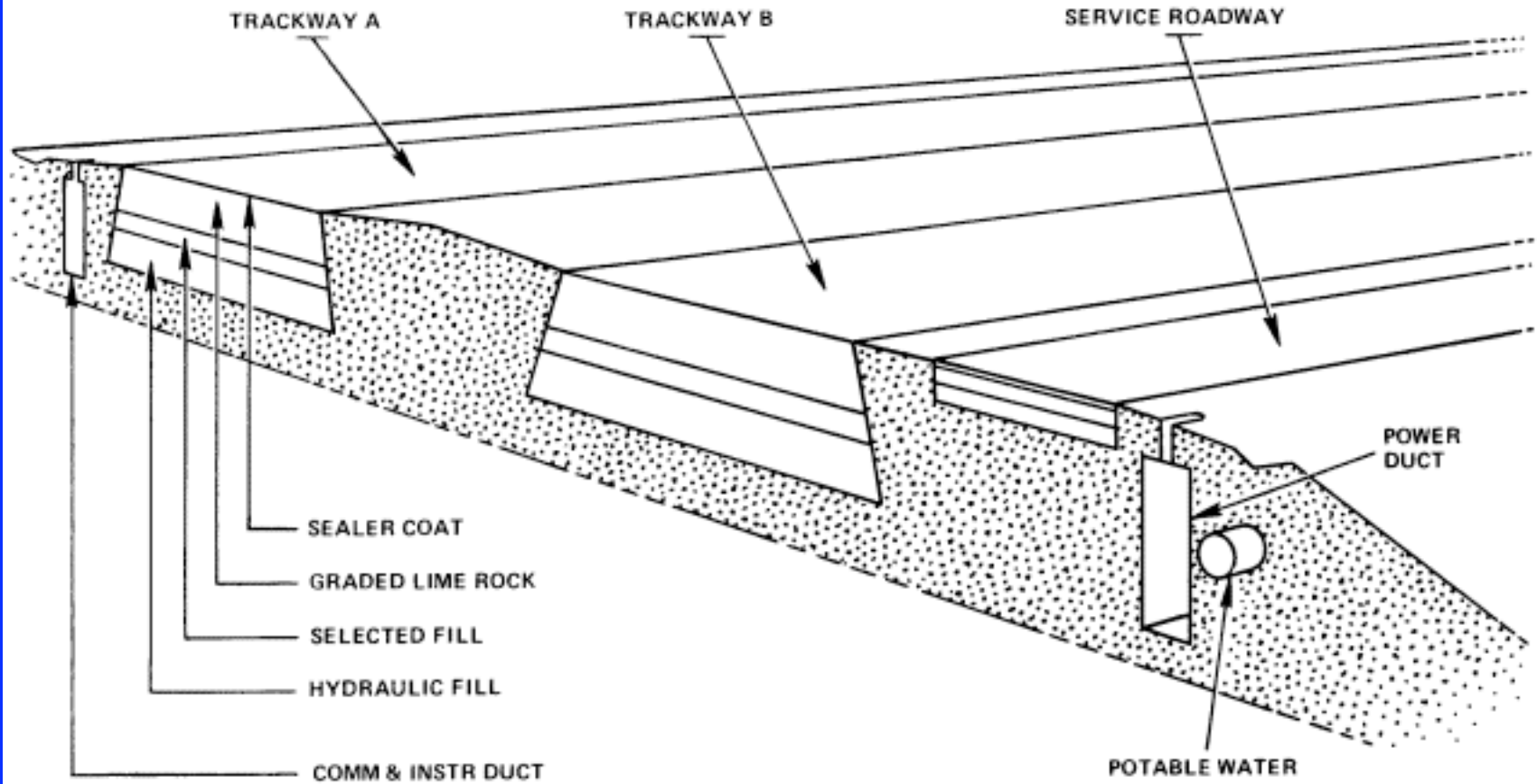
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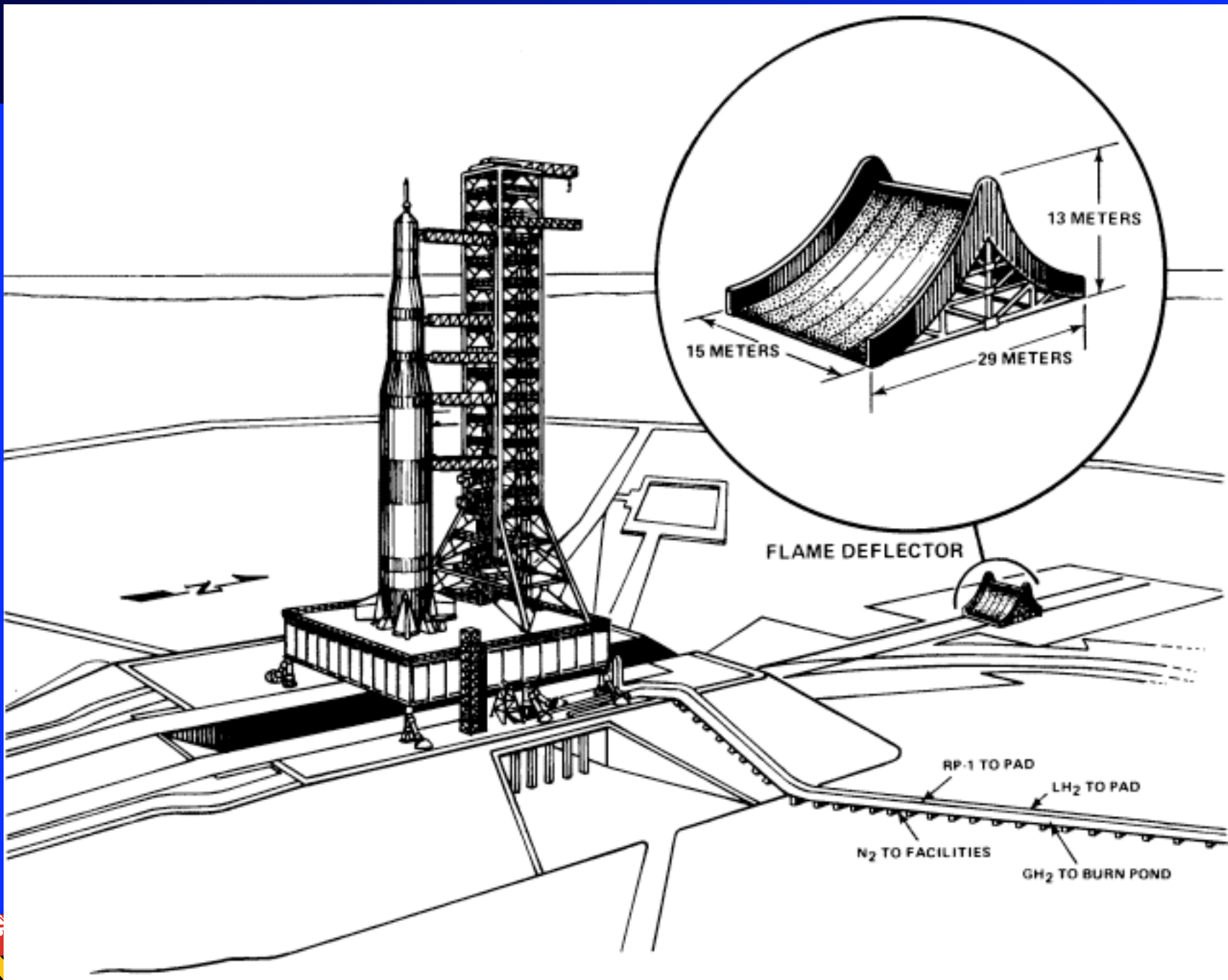
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PROFILE OF TYPICAL CRAWLERWAY SECTION



(NOT TO SCALE)







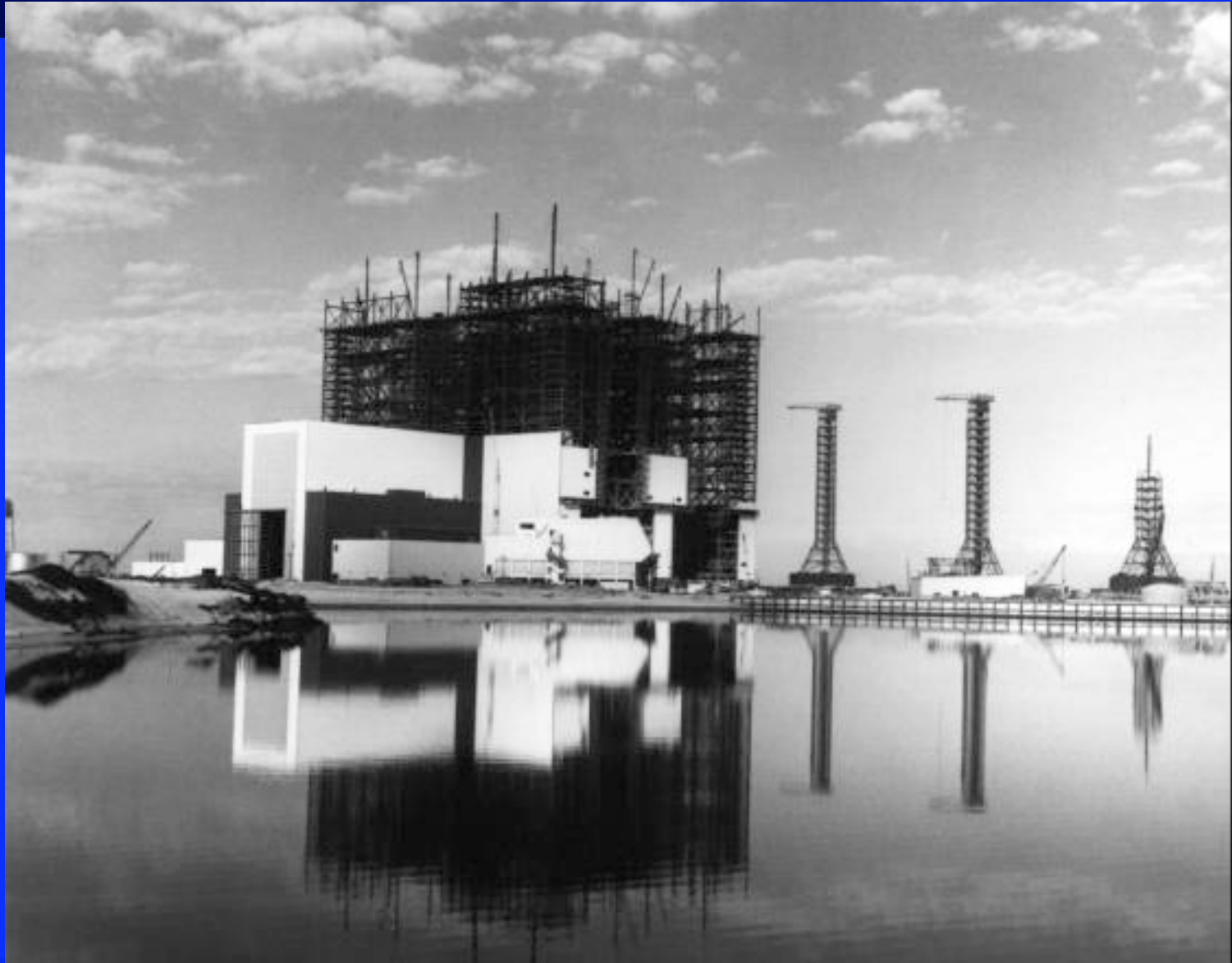
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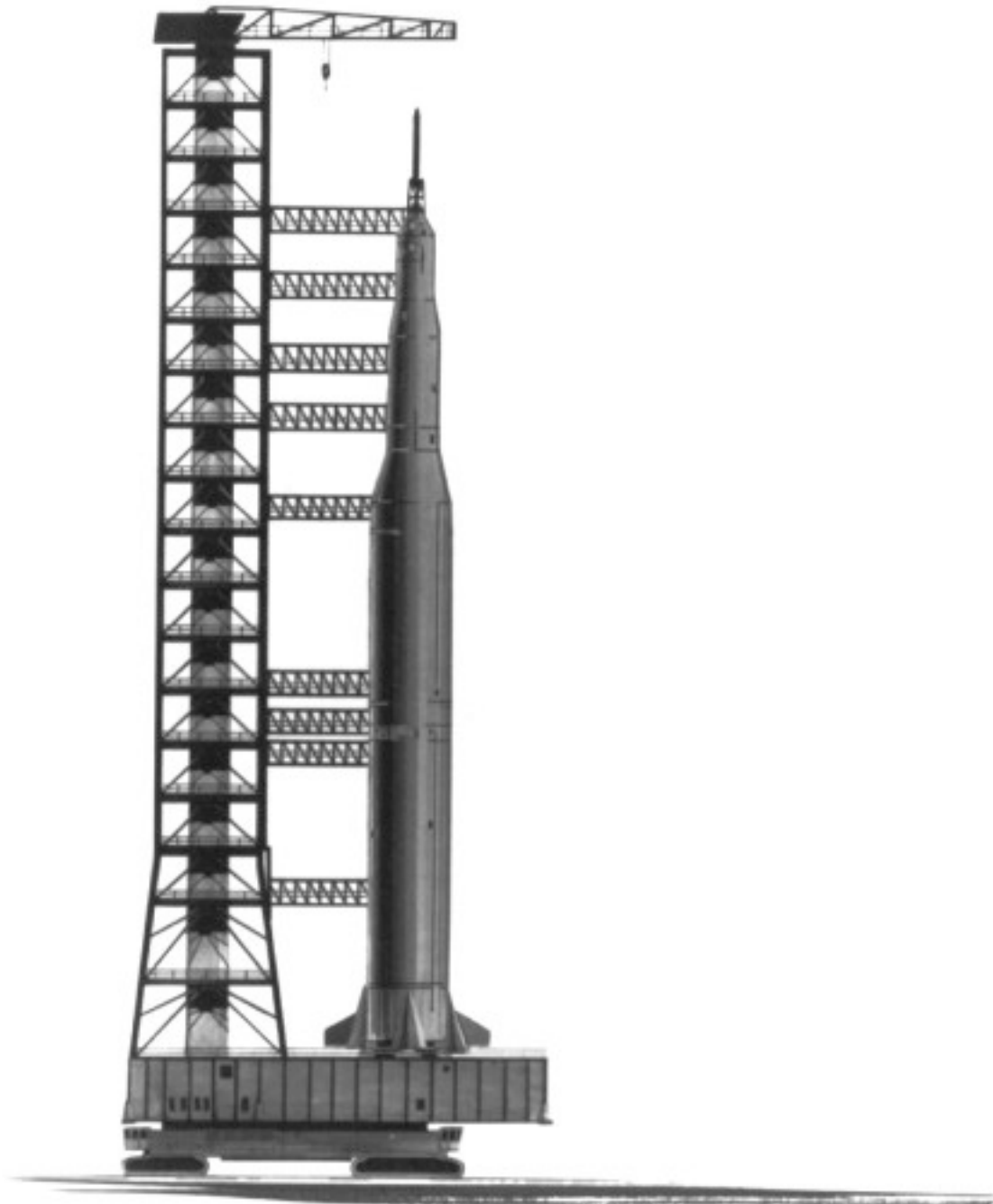
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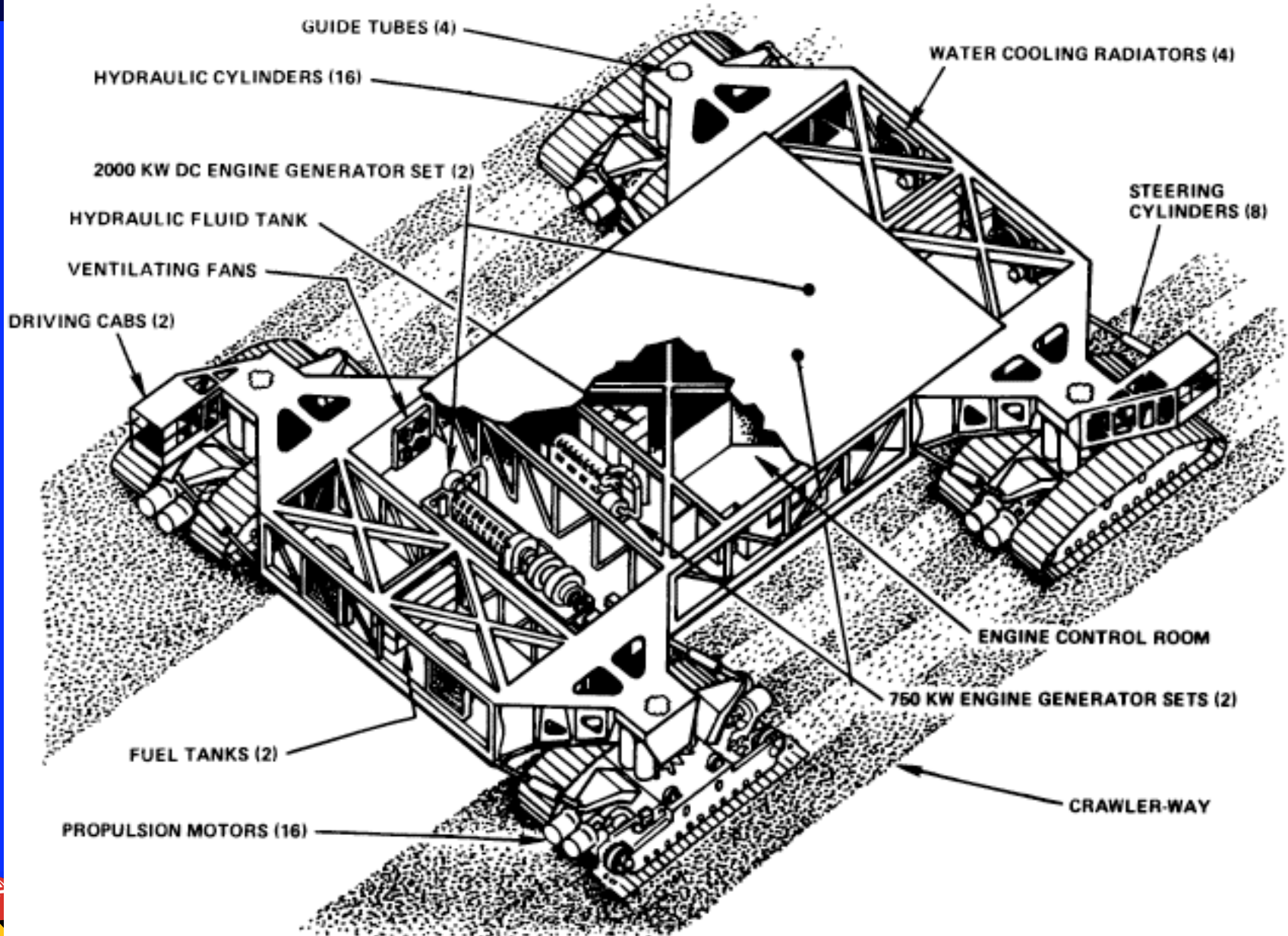


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THE CRAWLER-TRANSPORTER





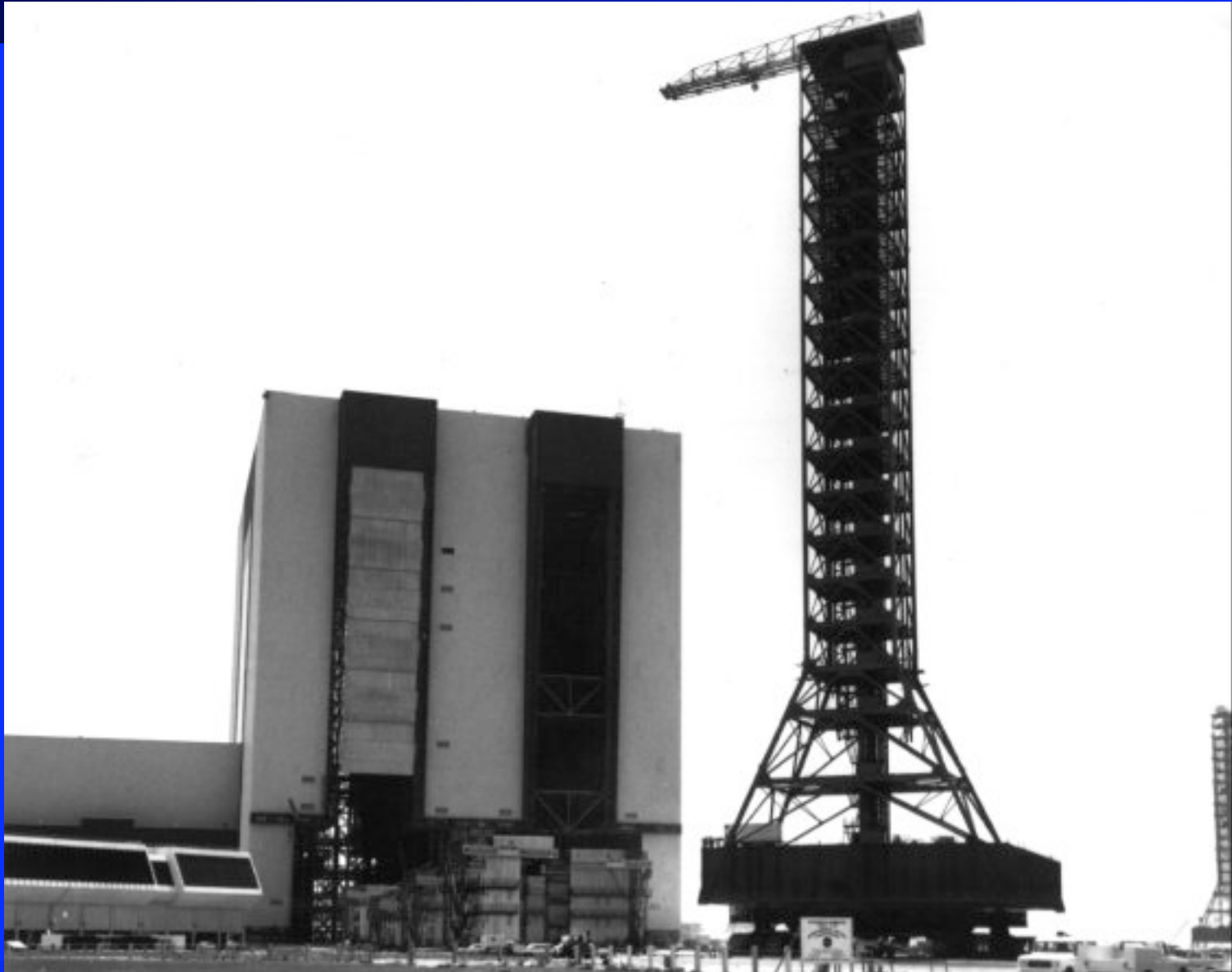
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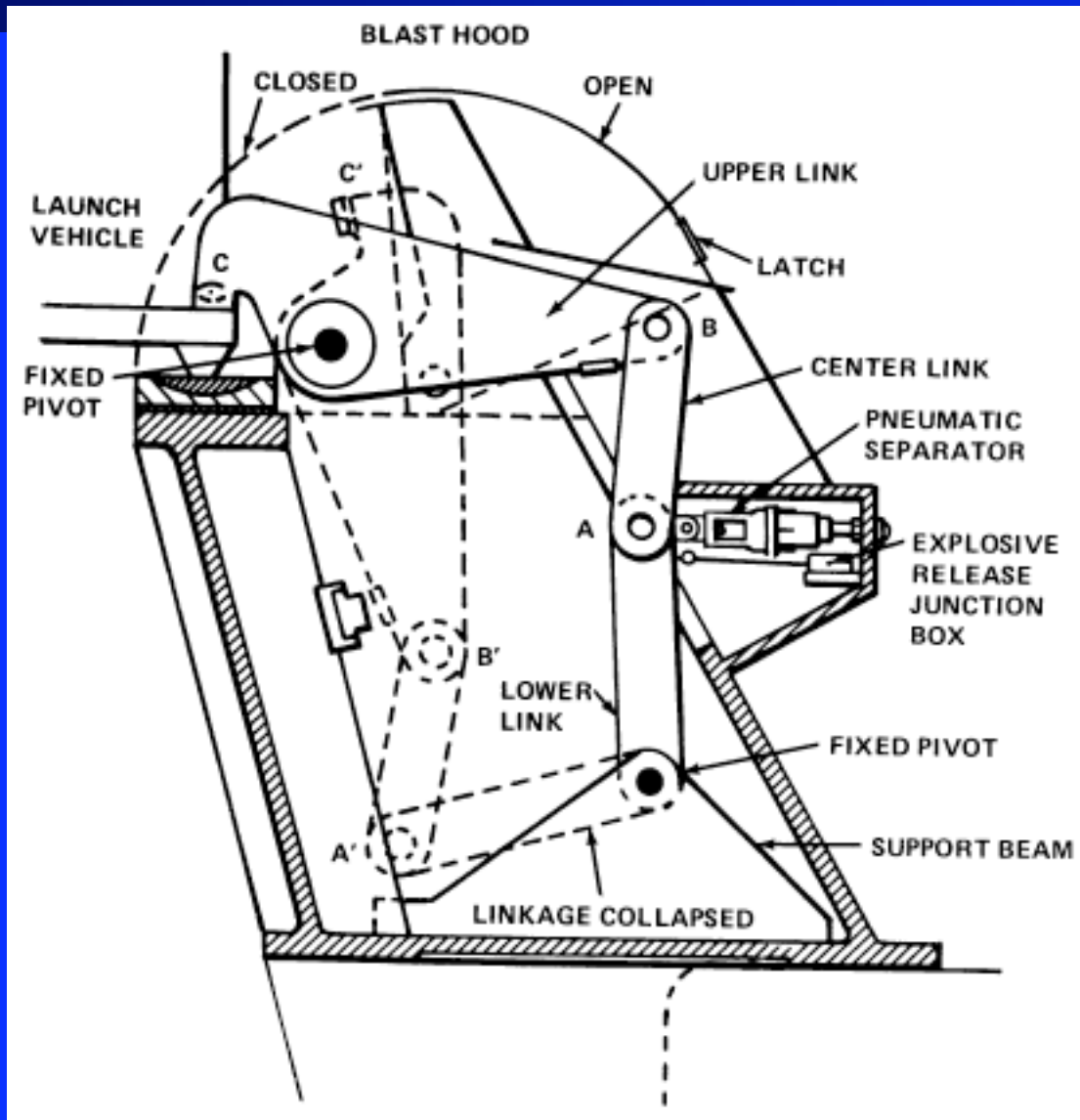
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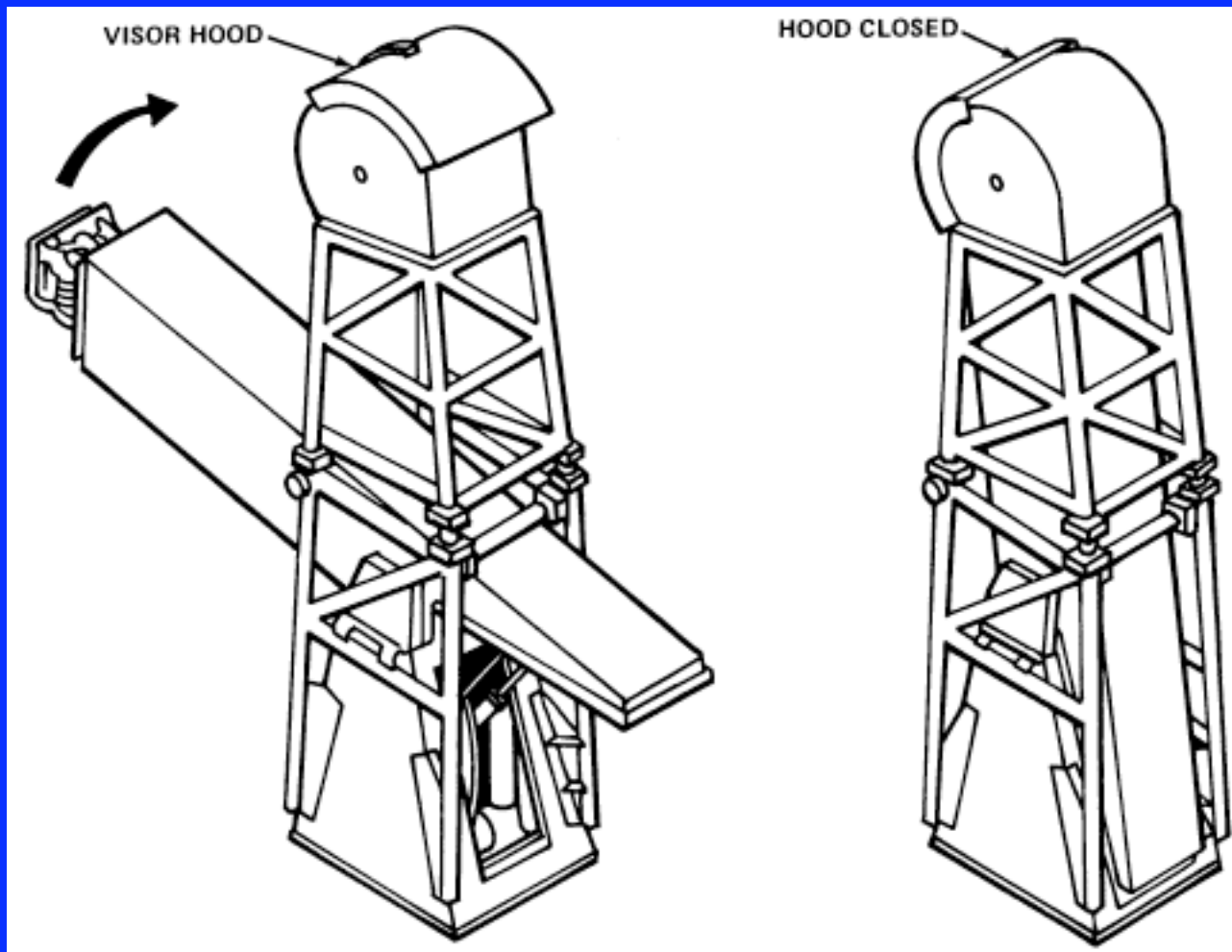
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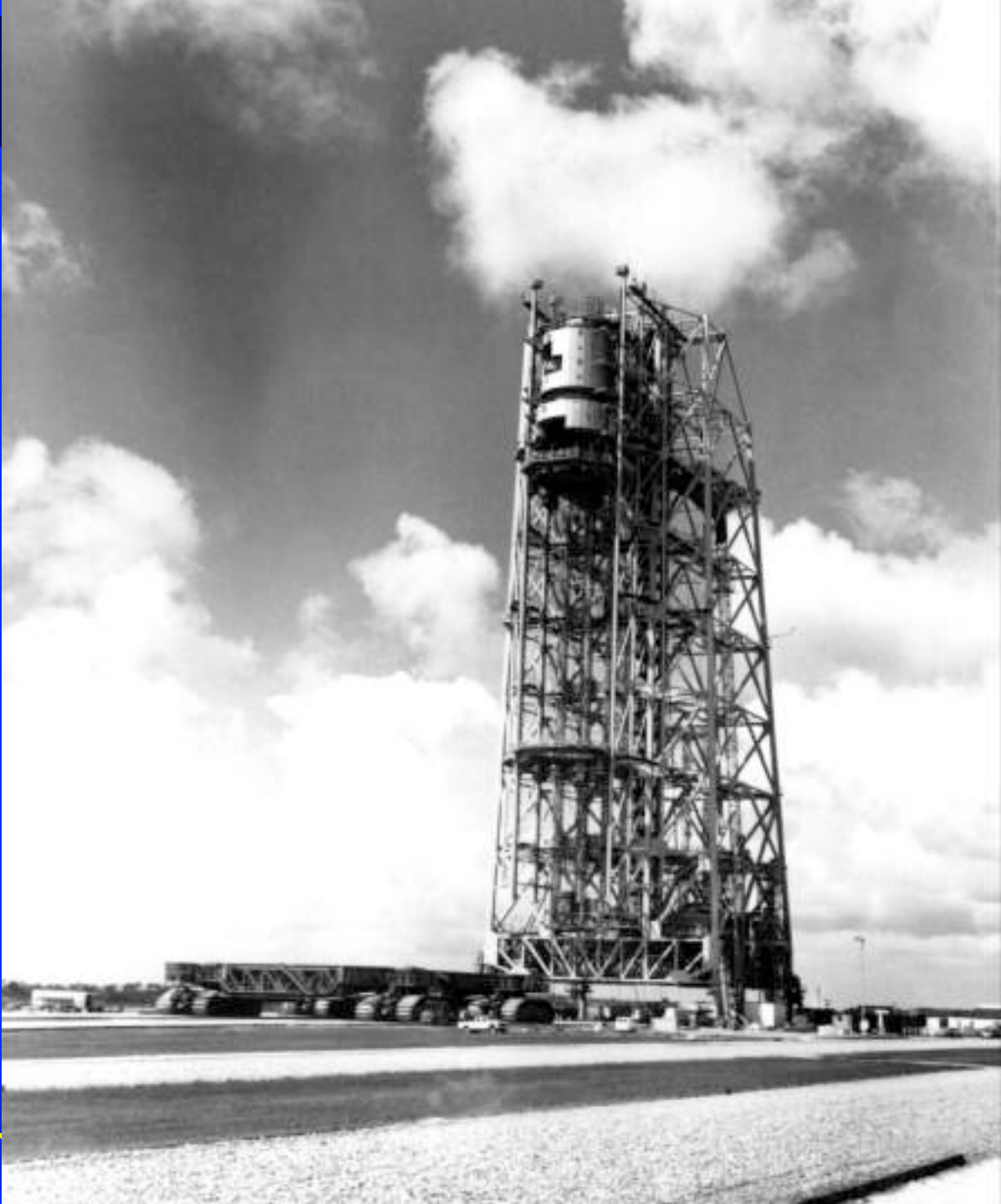






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of Space Systems Design



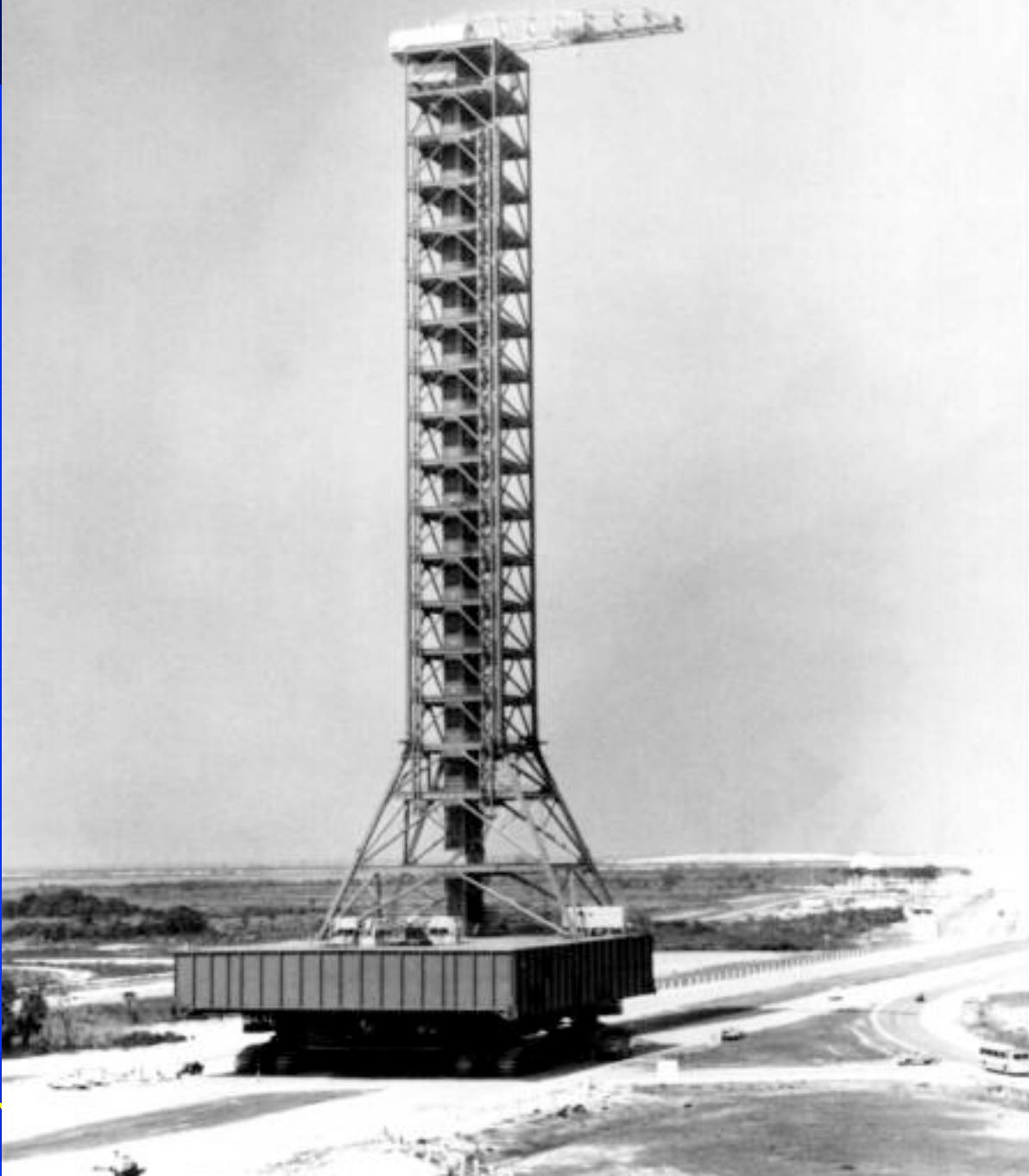
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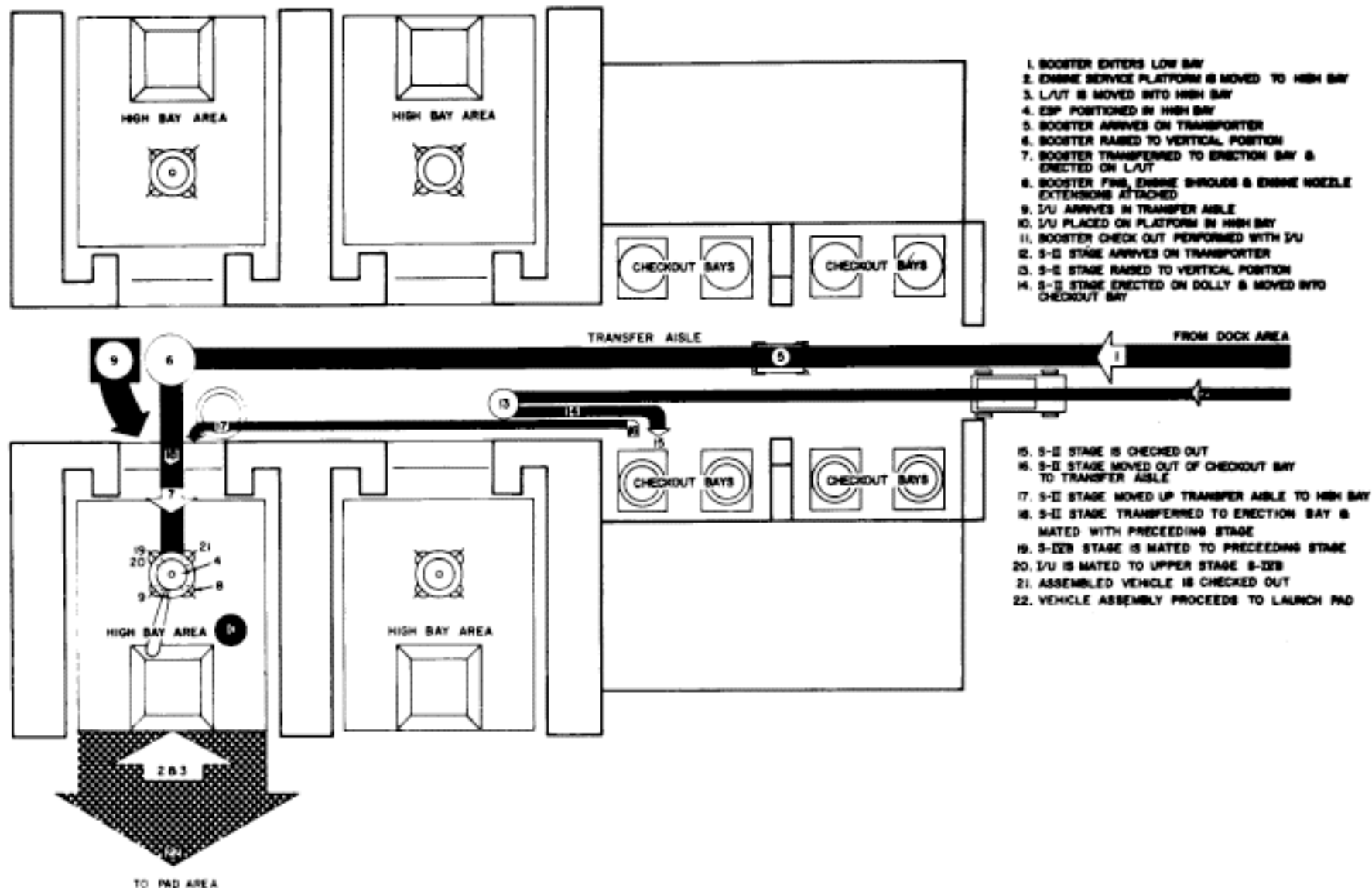


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Launch Facilities
Structure Systems Design

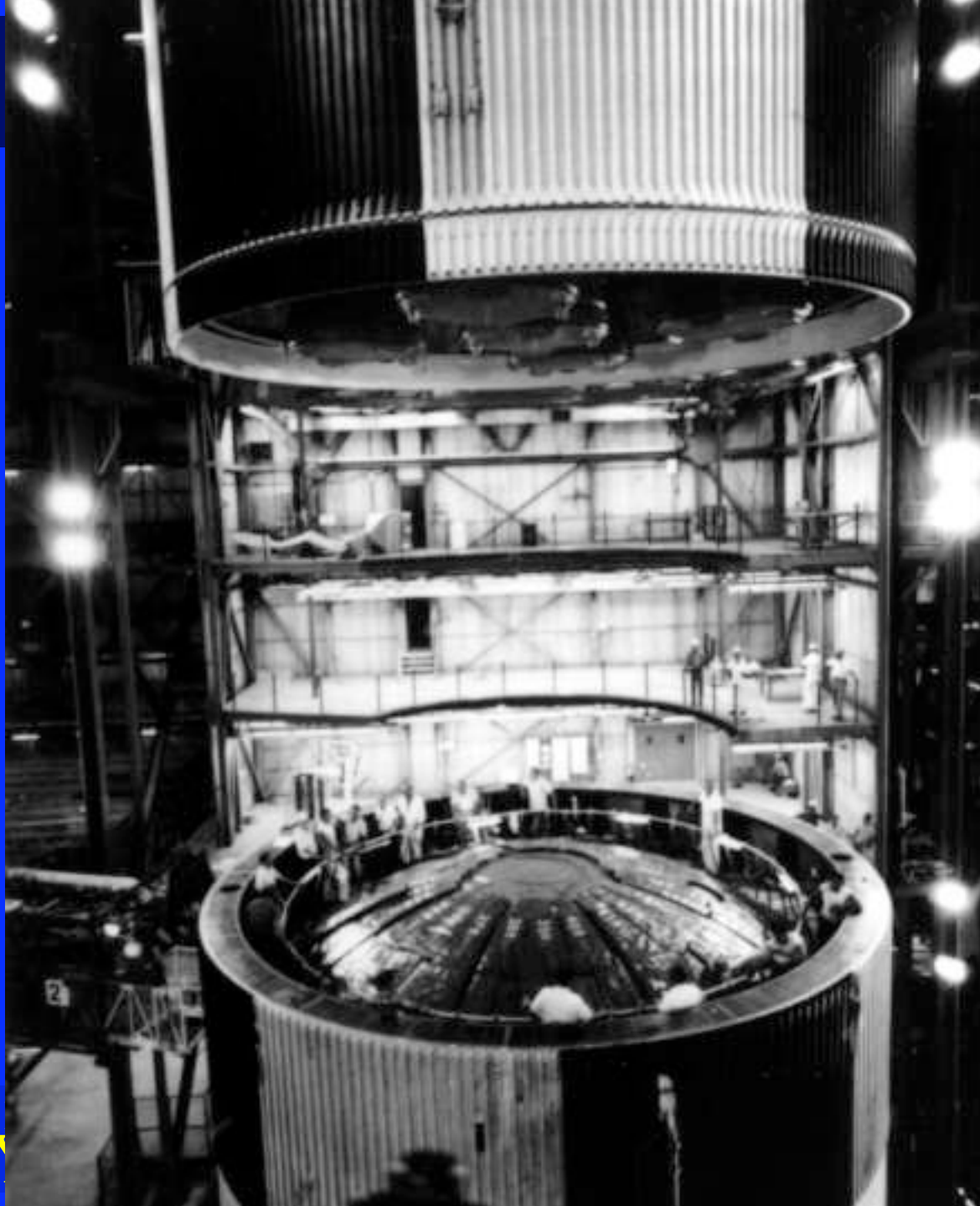


VERTICAL ASSEMBLY BUILDING



FLOW CHART

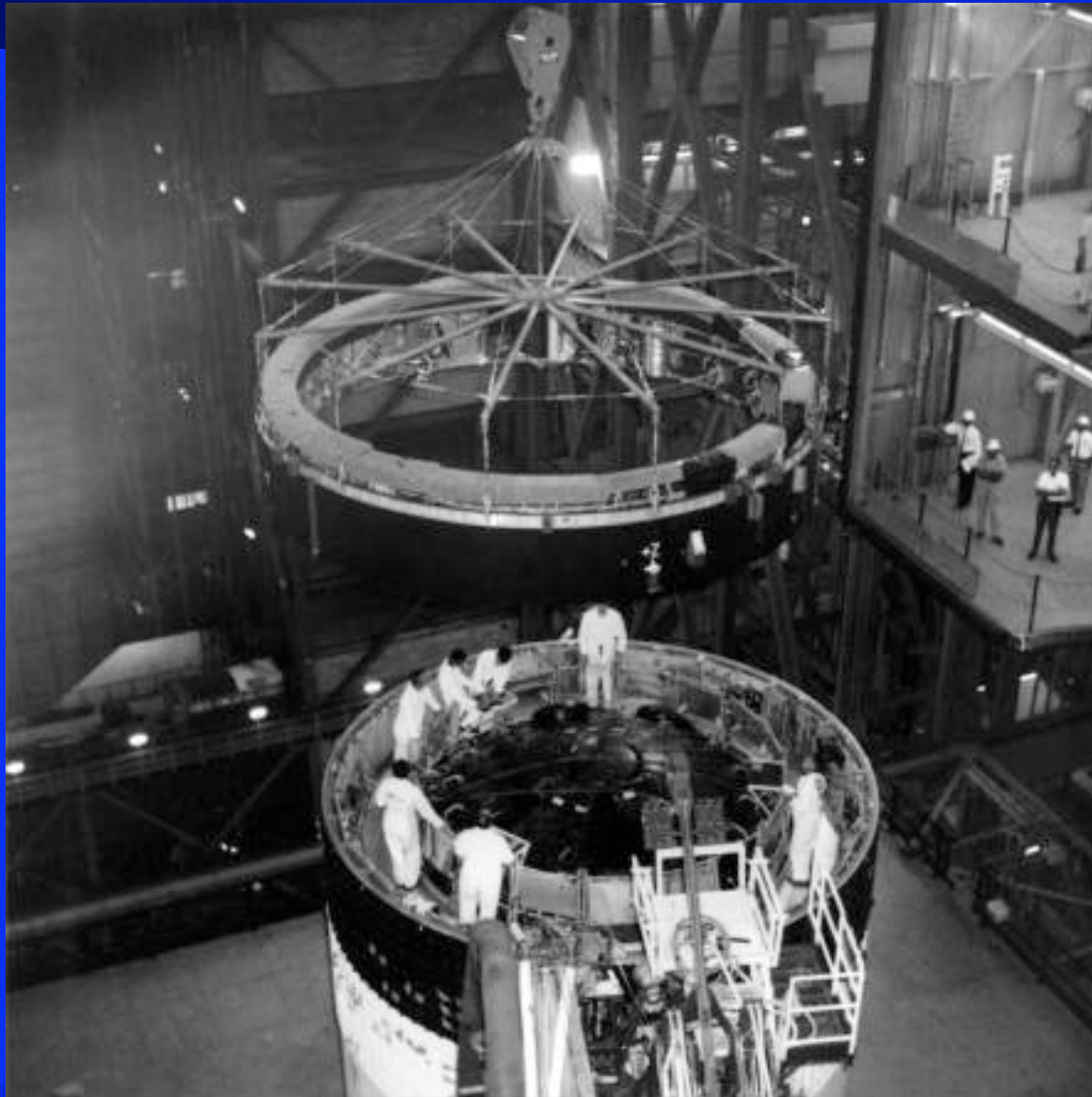


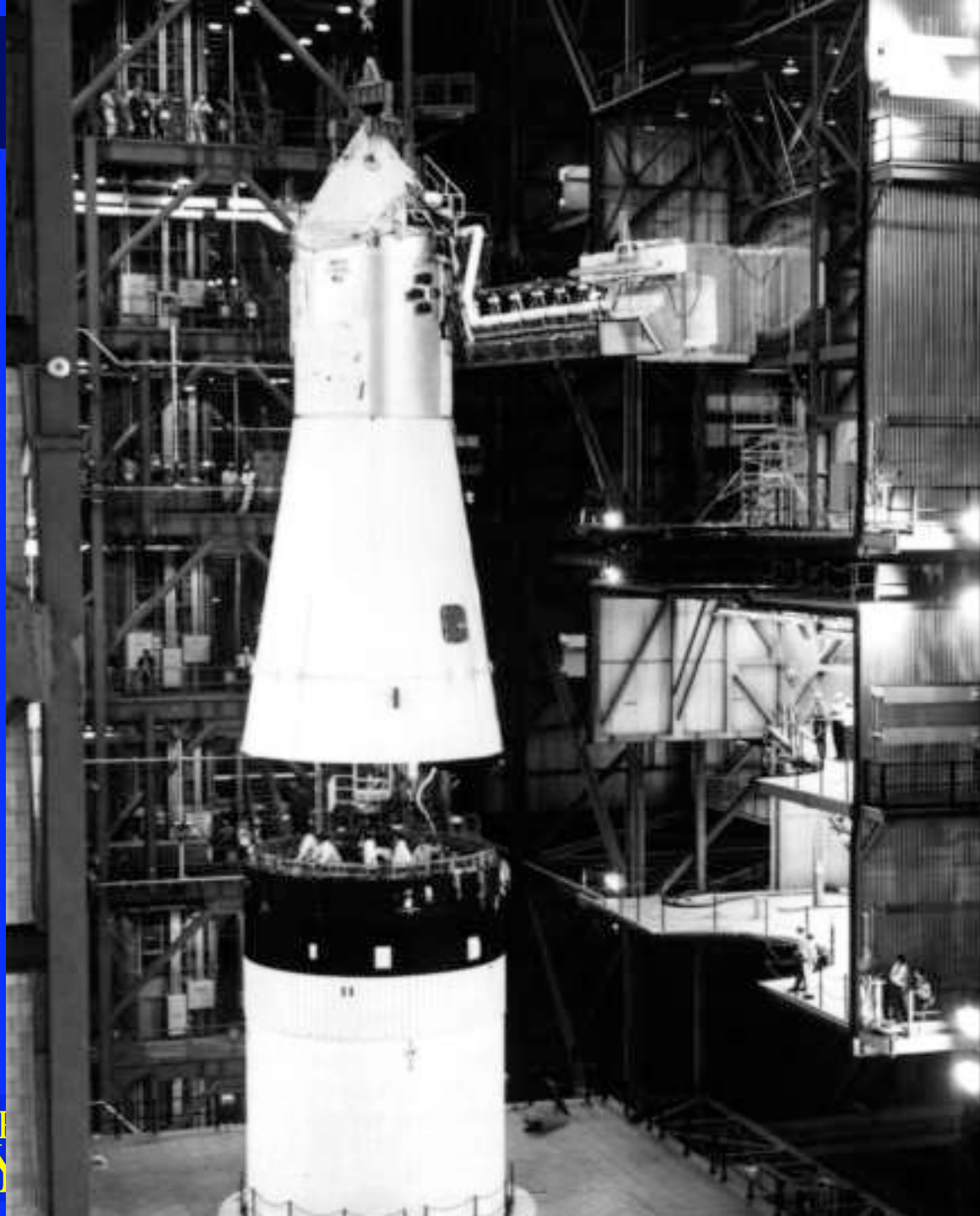




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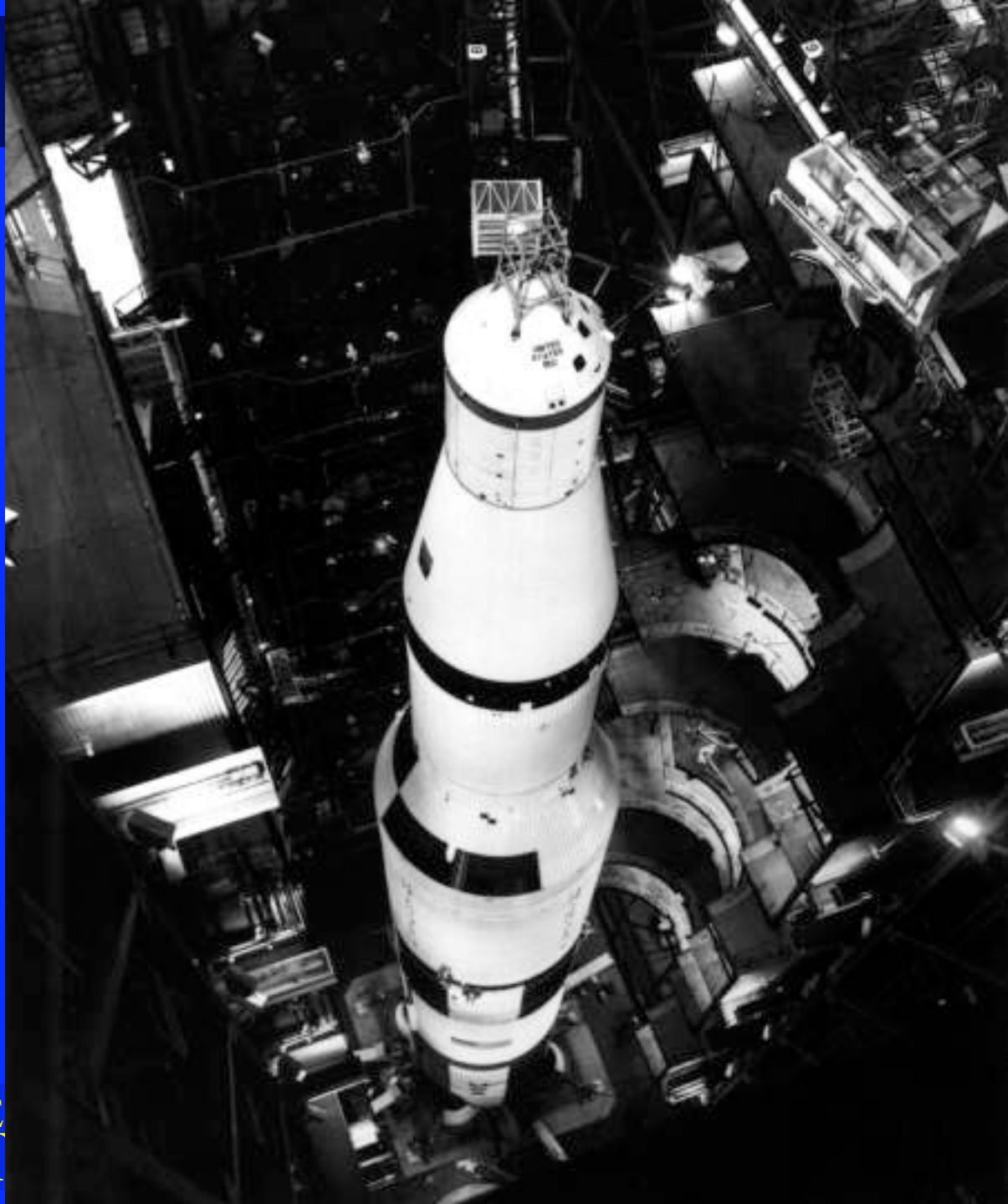
Launch Facilities
Space Systems Design



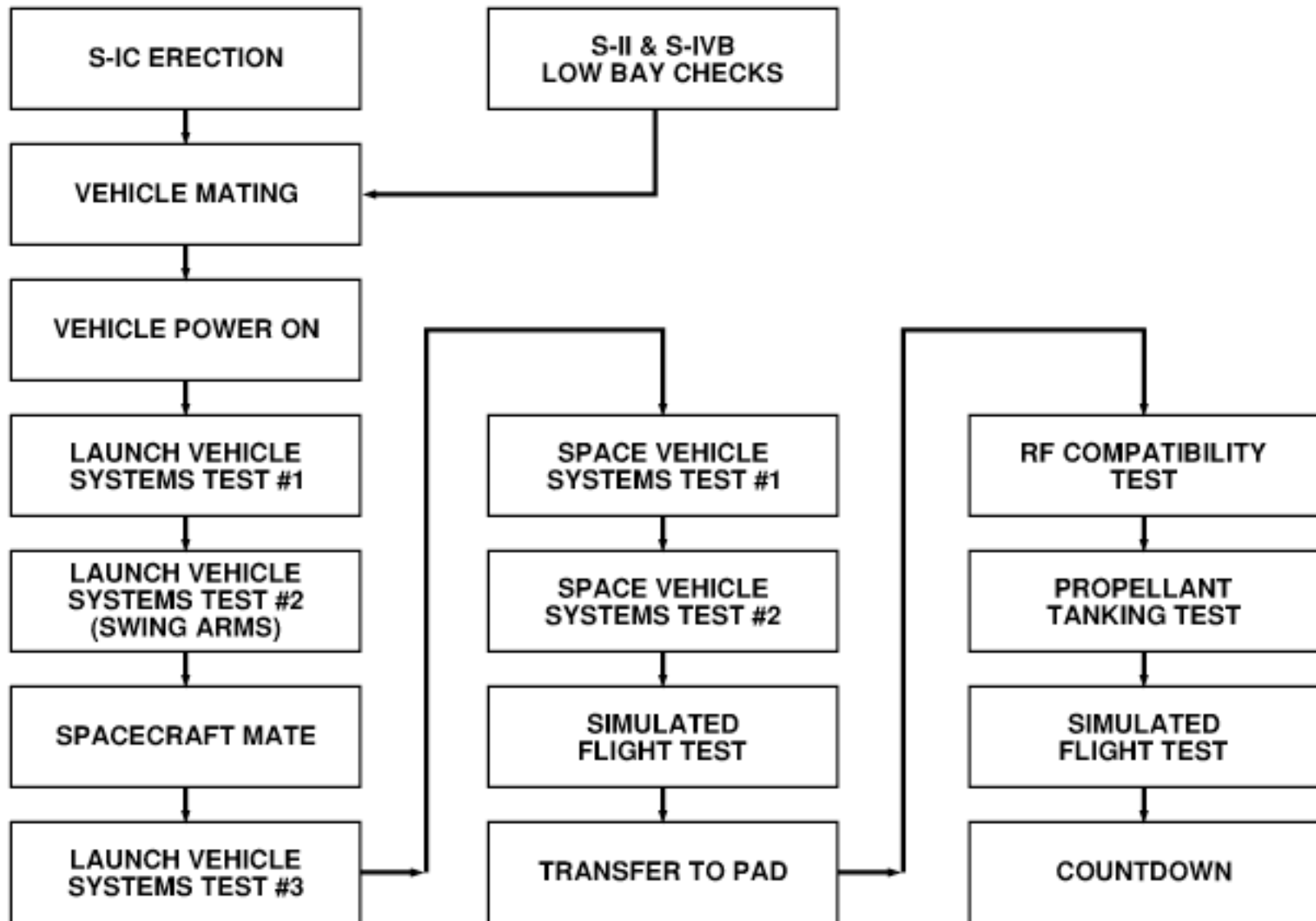


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and Launch Facilities
Space Systems Design

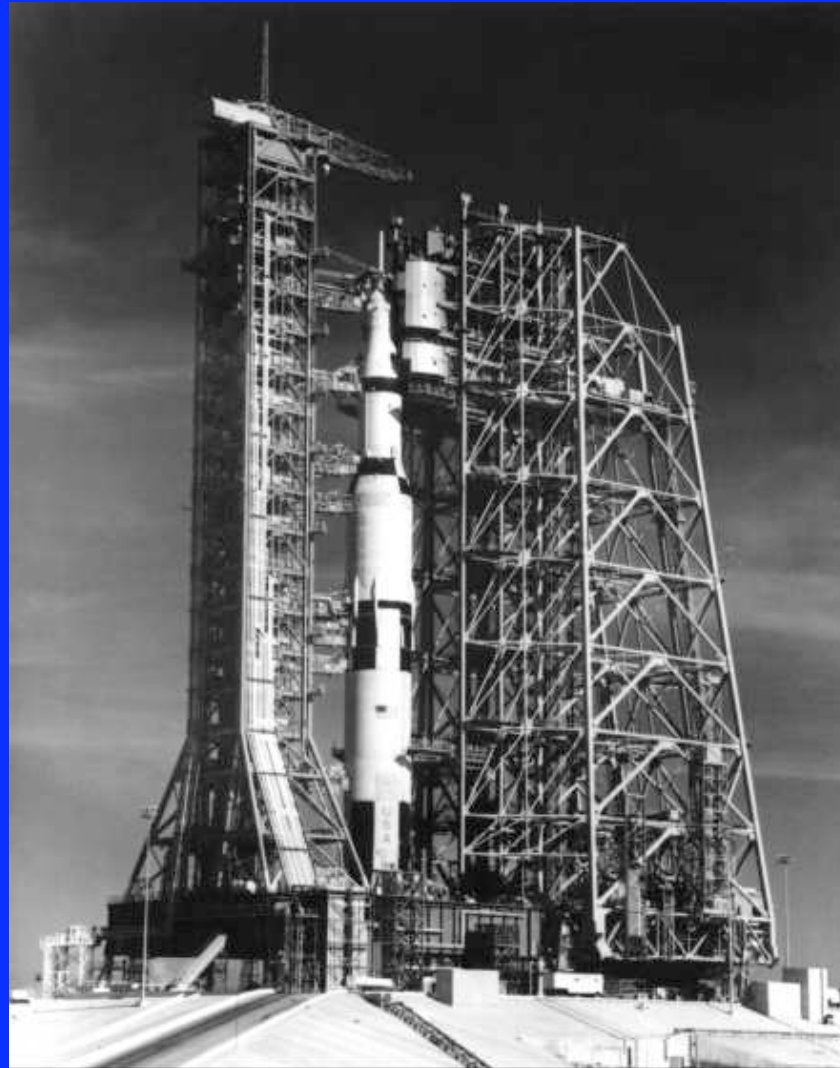


SATURN V CHECKOUT SCHEDULE MILESTONES





SA-501 at LC-39A



Delta IVH Horizontal Integration Facility



Delta IV Heavy Transporter



Delta IV Heavy at LC34 Blockhouse



Delta IV Heavy Arrives at LC-34



Delta IV Heavy Module Interconnects



Delta IV Heavy at Pad



Delta IV Heavy Rotation



Delta IV Heavy Rotation



Delta IV Heavy at Pad

