

At this moment, commercial aviation's bright future rests on a pad in the high bay area of the Developmental Center. Poised as if eager for flight, the only complete full-scale mockup of America's Supersonic Transport stands as a massive reminder of man's desire to go where he wants to go . . . faster.

Since its completion on September 1, the mockup has been viewed by a continuing procession of world aviation leaders anxious to see first hand the next logical step in air travel.

The full-scale mockup represents years of conscientious effort by some of the company's finest talent. It also represents Boeing's dedication to the future of aviation. Each of us should be proud of our contribution to that future.

**special edition**



**COMMUNICATOR**

***BOEING***

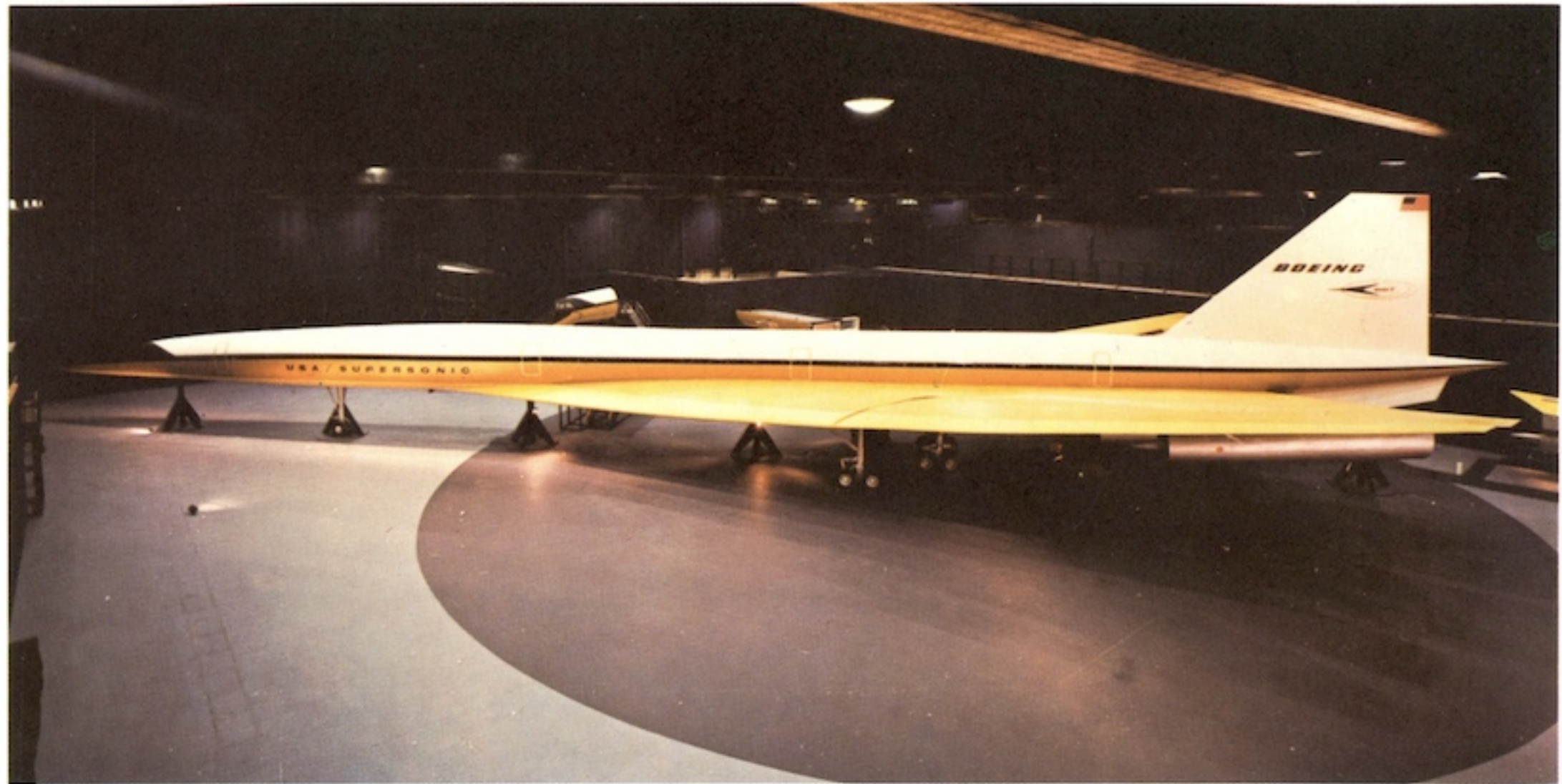
SUPERSONIC  
TRANSPORT  
DIVISION

From the vantage point of a simulated passenger loading ramp, the visitor views the 100-yard-long mockup as shown in the photographs at right.

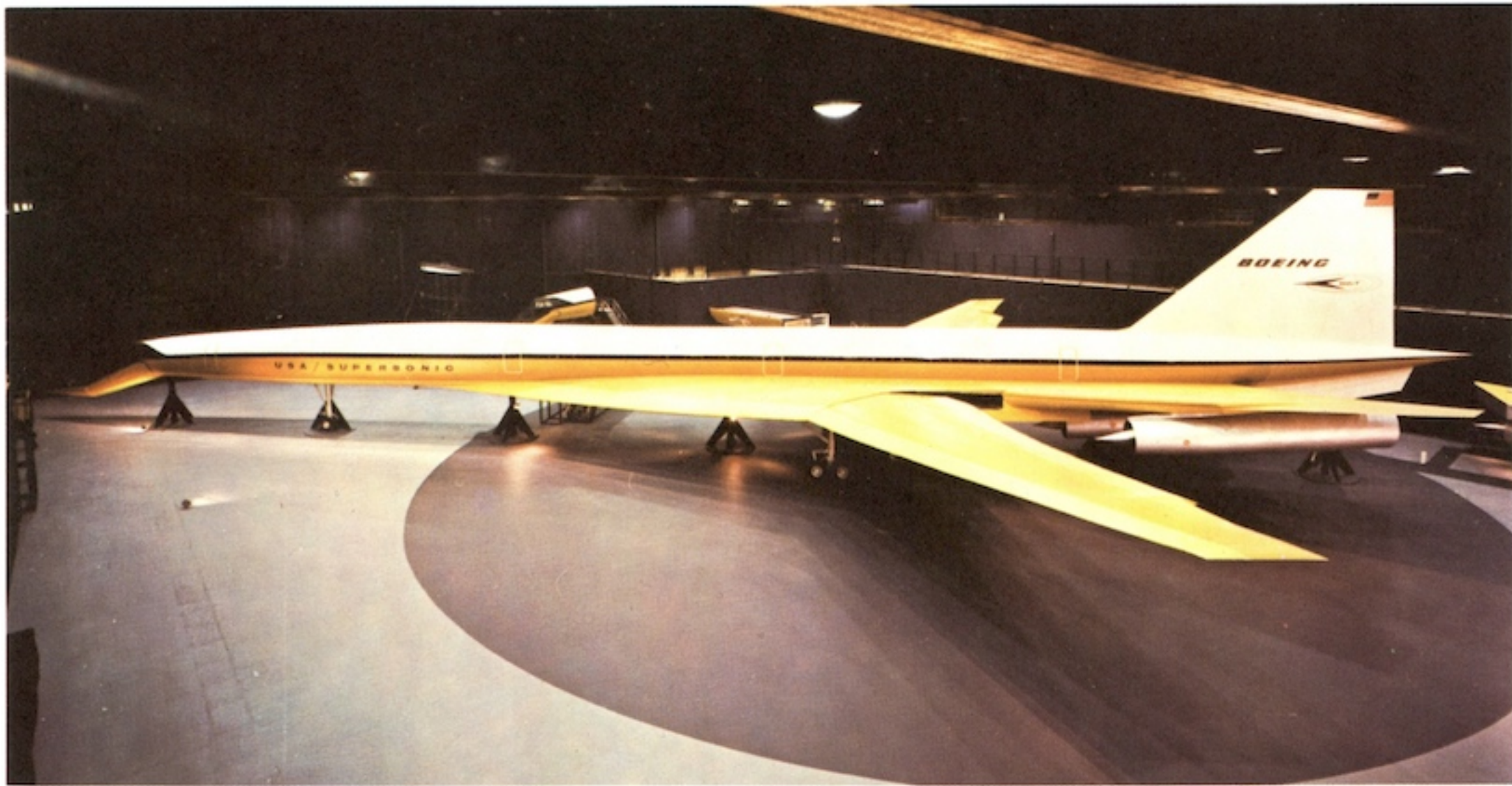
Initial reactions to its size frequently range from astonishment to disbelief.

A battleship gray pad, midnight blue backdrop and spotlights give the airplane a dramatic effect allowing the visitor to view the movable wings

and articulating nose section without distraction.



For supersonic flight, wings are swept back to 72°



For landing, nose is lowered, wings are swept forward to  $30^\circ$

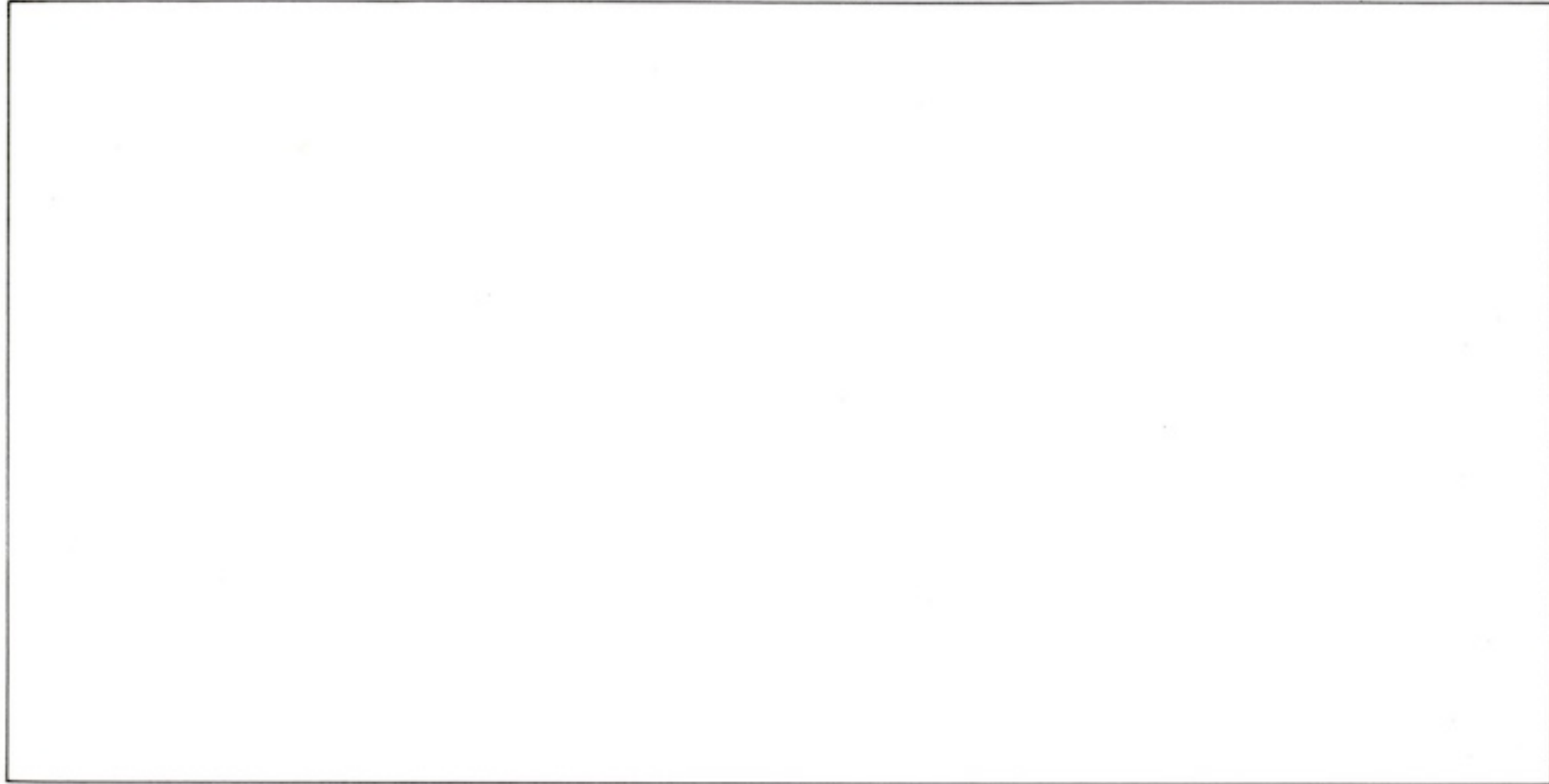
Standing at floor level, the visitor views close-at-hand the landing gear, tail assembly and articulating nose.

Both General Electric and Pratt & Whitney engine nacelles are mounted beneath the tail section.

Airframe and skin are constructed primarily of wood; in addition, more than 9 miles of wire, 50 tons of steel and more than 1500 yards of pipe were employed. The entire structure is covered with 1,416 gallons of paint.



Steel pylons support the mockup's 130-ton weight



Four post main landing gear ride on 16 individual wheels



Viewed from below, slender nose looks like a rocket



Giant tail section towers 53 feet above floor of high bay

Entering the mockup's completely furnished interior, visitors are introduced to the comforts they can expect as passengers in the 1970 s. Futuristic accommodations include a full complement of specially contoured seats, color television receivers, piped music and environmental control equipment.

Specially loomed high pile carpet blends with rows of seats upholstered in subdued tones of persimmon, rust, magenta and indigo. Luminescent wall panels and indirect ceiling-dome lights cast a soft illumination over the interior.

Polar screen windows are designed to reduce sunlight glare at 60,000' to 70,000' cruising altitudes.



**Color TV sets swing down over every third row of seats**





Individual TV sets offer the passenger a choice of entertainment



Modernized galleys speed up meal service during 1800 mph flight

Satellite displays adjacent to the mockup offer a more detailed look at several outstanding features of the Supersonic Transport. An articulating nose display illustrates the typical view from the cockpit in both supersonic and subsonic configurations. A mechanized baggage compartment display features innovations in rapid baggage handling. A separate fuselage section exhibits alternate seating arrangements.



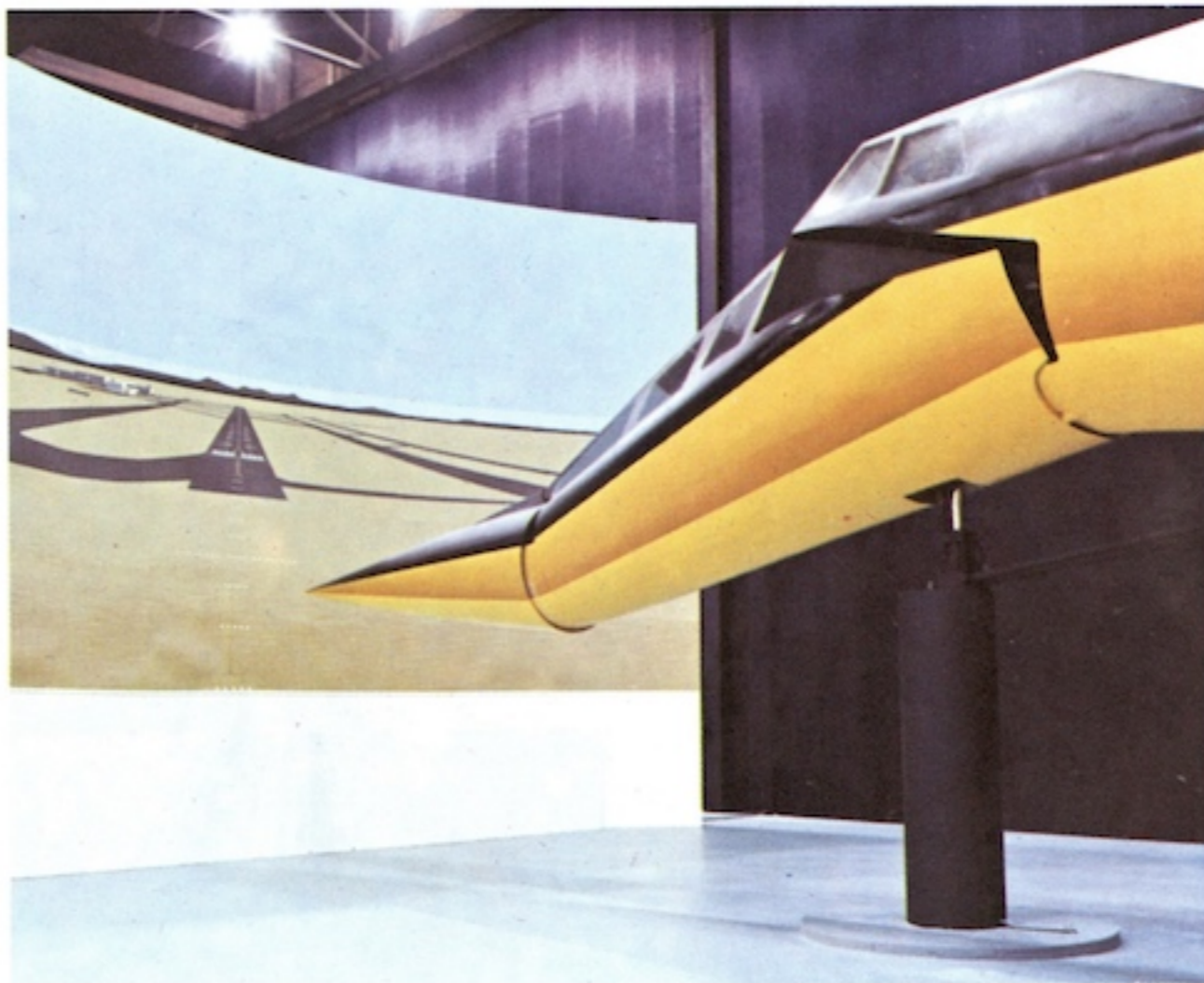
**Movable loading ramps provide comfortable boarding in all weather**




**New fail-safe baggage pods allow for stowage of personal effects overhead**



Flight deck is completely mocked up with crew seats, controls and instruments



Separate nose mockup gives future SST pilots accurate view of runway

PRESENTATIONS  
AND PROPOSALS 

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