SHUTTLE SERIES

SHUTTLE CARRIER AIRCRAFT DOCUMENTS

These documents were collected by the Engineering Analysis Division, Aerodynamics Branch, which was the JSC group responsible for studying the Shuttle ferry concepts. The documents track the studies done by Boeing, Lockheed, Rockwell, JSC, Langley, & McDonnell Douglas which contributed to the choice of the modified Boeing 747 as the carrier of the Shuttle Orbiter for both ALT (Approach & Landing Tests) and ferry flights. The Boeing Reports are organized chronologically and followed by wind tunnel reports, Rockwell reports, and Lockheed reports. At the end of the run are miscellaneous subject files organized by folder dates and consisting of presentation material, correspondence, meeting minutes, and reports. The bulk of the documents were produced between 1974 and 1976.

Inventory

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MISCELLANEOUS SUBJECT FILES	747 CAM AFCS Ground Test	January 13, 1976
MISCELLANEOUS SUBJECT FILES	TM11 Test Procedure AFCS Laboratory Test	February 4, 1976
MISCELLANEOUS SUBJECT FILES	Flight Flutter Test, Model 747 CAM, with Type I Modifications	June 10, 1976
MISCELLANEOUS SUBJECT FILES	747 CAM Aerodynamic Verification Flight Test Requirements, Type I	June 15, 1976

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MISCELLANEOUS SUBJECT FILES	Inflight Structures Stress Measurements	July 7, 1976
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MISCELLANEOUS SUBJECT FILES	Mission Range Impact of Engine Loss	n.d.
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MISCELLANEOUS SUBJECT FILES	CS1 and CS2 Wind Tunnel Tests; Flutter, Buffet * This 137 page document has been scanned	March - June 1975
MISCELLANEOUS SUBJECT FILES	747 / Orbiter Buffet October November 1975 Final Reviews * This 95 page document has been scanned	October - December 1975
MISCELLANEOUS SUBJECT FILES	Shuttle Ferry Vehicle Dynamic Stability Test Results * This 85 page document has been scanned	January 19, 1976
MISCELLANEOUS SUBJECT FILES	Design Status SCA / Orbiter * This 90 page document has been scanned	February 20, 1976
MISCELLANEOUS SUBJECT FILES	CAM Wind Tunnel Test Program, Correspondence & Charts * This 268 page document has been scanned	August 1974, March 1976