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REPORT

AN ECONOMIC ANALYSIS

Part I. Executive Summary

PRELIMINARY

SUPPLEMENT I

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UNITED STATES DEPARTMENT OF COMMERCE



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EXPLANATION OF RELEVANCY OF CONCLUSIONS AND DATA CONTAINED
IN THE SST ECONOMIC ANALYSIS REPORTS PREPARED BY THE DEPARTMENT OF COMMERCE

In an effort to provide as complete a history as possible of the course of the SST program, materials consisting of Part I, Executive Summary and Supplements, and Part III, Contractor's Reports*, have been made publicly available. However, all persons using these materials should be advised that the data and conclusions pertaining to the SST designs contained therein are not current and have been superseded by the SST designs submitted to the FAA September 6, 1966, which were the basis for the Economic Feasibility Report prepared by the FAA in April 1967 and for the reports of the Economic Research Contractors submitted December 31, 1966. Using the superseded designs and the related economic data for comparisons with economic characteristics of other aircraft, both American and European, could be misleading and not representative of what was achieved with the more recent SST designs.

Because of the changes in development costs and total program costs and because of the provisions of the Phase III contracts with the airframe and engine manufacturers, the financial data and conclusions contained in the Executive Summary relating to the financial capability of the manufacturers do not reflect their financial capability in the context of the current program or their general financial position.

Accordingly, the materials attached hereto should be viewed as predominately historical in character.

* Part II of the SST Economic Analysis was never issued.

U. S. DEPARTMENT OF COMMERCE
WASHINGTON, D. C.

SST
AN
ECONOMIC ANALYSIS

SUPPLEMENT I

THE SECRETARY OF COMMERCE
WASHINGTON, D.C. 20230

April 30, 1965



Honorable Robert S. McNamara
Chairman, SST Advisory Committee
Department of Defense
Washington, D. C.

Dear Mr. Chairman:

At the March 30, 1965 meeting of the President's Advisory Committee on the Supersonic Transport you requested that I undertake the responsibility for a thorough refinement of the preliminary SST Economic Analysis, and for such additional analyses as may be needed by the SST Advisory Committee.

I am transmitting to you a report dealing with a number of the questions raised at that meeting. The questions relating to program financing will be treated separately in a report to be sent to you shortly.

I am concurrently forwarding copies of this report to Mr. Najeeb E. Halaby, Administrator, Federal Aviation Agency and to Mr. Kermit Gordon, Director, Bureau of the Budget.

Sincerely yours,

John T. Connor

Secretary of Commerce

Enclosure

Corrections

to

Part I. Executive Summary

The names of certain individuals and organizations were inadvertently omitted in describing the implementation of the SST Economic Analysis (see pp. 28-29). The contributions of

Mr. Harry P. Hatry (Department of Defense)

and of the

Applied Mathematics Division, National Bureau of Standards

were also noteworthy.

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CAPSULE SUMMARY

1. PURPOSE AND SCOPE

At the March 30 meeting of the President's Advisory Committee on the Supersonic Transport, the Chairman requested the Secretary of Commerce to undertake a thorough refinement of the SST Economic Analysis. Particular emphasis was placed on the need for the following:

- a. to apply judgment to narrow the range of uncertainty associated with the various estimates of cost for development, production, and operations of the SST,
- b. to determine the amounts of capital at risk at various critical points in the SST Program,
- c. to determine the profitability to the airlines of operating the SST as compared with that of operating the current subsonic jet, and
- d. to analyze the various alternatives for financing the SST Program.

The first three of these aspects are treated here; the fourth will be treated in a later report.

Taking the form of a prospectus to a board of directors making a major investment decision, this report seeks to do the following:

- a. to present the program alternatives available,
- b. to discuss the attendant policies required for each alternative if it is to earn a suitable return on its program investment,
- c. to indicate that program alternative which appears most likely to yield a suitable return in the competitive environment expected, and
- d. to test the sensitivity of the indicated program choice to variations in critical factors.

2. PROGRAM ALTERNATIVES

The alternatives before the SST Advisory Committee at this time are as follows:

- a. continue the SST Program. If so, how—at what pace, with what degree of competition, and with what arrangements for the sharing of risks?

- b. terminate the SST Program in favor of the supersonic aircraft. If so, how—with what attendant policies on reduction of fares, and/or on a moratorium on ~~supersonic technology~~^{commercial supersonic transport}

3. PROSPECTUS

A substantial body of information has now been developed to illuminate the range of choice before the SST Advisory Committee. What is "best" for the United States can now only be determined through a complex balancing among conflicting objectives in the face of uncertainty.

3.1 CONTINUATION OF THE SST PROGRAM

The case for continuing the SST Program is very strong. In the actual world of vigorously competing air-lines, travelers' preferences determine the use and survival of competing aircraft types, economics permitting. Since the key factor in this preference is speed, the Concorde may be expected to be more attractive to the traveler than the subsonic jet, and the SST more attractive than the Concorde. Displacement of the slower aircraft will additionally occur if, in the view of airline managements, the economics and flexibility of the faster aircraft are reasonably close to those of the slower.

The findings of the SST Economic Analysis may now be summarized:

The Aircraft:

The Boeing 733-290 has been validated as technically feasible by a joint FAA-NASA-DOD team.

The Market:

On the basis of relative attractiveness to travelers and comparative cost and flexibility, the Boeing SST is

likely to displace the Concorde and the subsonic jets over the principal SST-potential routes, provided the fare differential for the subsonic jets is small (say 10 percent). The expected displacement would create a market by 1980 for 660 SSTs, within a range of 500 to 860.

Sonic Boom:

Under the extreme condition that the SST is restricted to overwater operations, the market requirement by 1980 will be for 220 SSTs, within a range of 170 to 290. To the extent that the public is willing to tolerate the higher ambient noise level and the carriers are willing to incur incremental boom costs, this market may be expanded upward toward 660 SSTs.

Economic Viability:

The Boeing 733-290 is expected to be economically viable. Supporting detail and sensitivity analyses may be found in the attached supplement. If ORI estimates of operating cost are used, then with subsonic jets at current fares and supersonic jets having a 10 percent differential, Table 3.1 shows the SST returning to U.S. carriers about 30 percent on program cash flows under FAA-ORI¹ conditions, and about 20 percent under PRC-ORI conditions.

¹"FAA-ORI" is an abbreviation indicating the use of FAA estimates of development and production costs, and ORI estimates of operating cost. In general, the first of the hyphenated terms indicates the source of the development and production cost estimates (or, equivalently, the sales price); the second, the source of the operating cost estimates.

Table 3.1. Relative Profitability of Boeing 733-290,
Concorde and Boeing 707-320B

		Percent return on program cash flow				
		Boeing 733-290		Concorde		Boeing 707-320B
		FAA-ORI	PRC-ORI	FAA-ORI	PRC-ORI	MFG-ORI
<u>Manufacturers</u>						
Quantity:	200	14	14	-	-	-
	400	24	24	-	-	-
	600	29	30	-	-	-
<u>U.S. Carriers</u>						
Fare: 1.1 current						
Quantity:	200	36	20	34	6	-
	400	32	18	33	6	-
	600	29	17	32	6	-
	1,152	-	-	-	-	-
	1,728	-	-	-	-	-
Fare: 1.0 current						
Quantity:	200	25	13	22	-1	-
	400	22	11	21	-1	-
	600	20	10	21	-1	48
	1,152	-	-	-	-	42
	1,728	-	-	-	-	41
Fare: 0.9 current						
Quantity:	200	13	4	10	-11	-
	400	11	3	10	-11	-
	600	10	3	9	-11	35
	1,152	-	-	-	-	31
	1,728	-	-	-	-	30

With fares reduced somewhat (i.e., subsonic jets at 90 percent of current fares and the same SST differential), SST returns fall about 10 percent points. The returns shown for any of the aircraft are those expected under the conditions specified, and in the absence of competition from a more attractive aircraft.

Under MFG-ORI conditions (i.e., with the present, presumably subsidized aircraft price), the Concorde is also seen to be economically viable in the absence of competition from the SST.

The corresponding returns with present fares and present load factors (55 percent on domestic routes, and 50 percent on international) for the Boeing 707-320B are seen to run in excess of 40 percent. In competition with a supersonic aircraft and with only a 10 percent fare differential, it is unlikely that these load factors and, hence, returns could be maintained.

Program Financing:

The financial requirements for the SST Program appear to be approximately within the combined availability

of funds from the manufacturers and airlines, without major direct Government subvention. Since the availability of funds is that which would exist after all non-SST requirements are met, corporate survival would, in no case, be threatened.

Capital at Risk:

As shown in Table 3.2, the capital at risk in the SST Program varies with the source of the estimates of development and production, with the pace and with the phase of the program. Uncertainty as to the cost and performance of the SST will largely be dispelled during flight test of the

Table 3.2 Capital at Risk in SST Program¹
(Quantity—200 aircraft)

	Cumulative total manufacturers' costs for development and production (in \$ billions)	1972 Program pace FAA-ORI PRC-ORI FAA-ORI PRC-ORI	1974 Program pace FAA-ORI PRC-ORI FAA-ORI PRC-ORI
At midway point in prototype flight test (yearend 1968)	0.85	1.16	0.76
At certification (yearend 1972)	3.22	4.60	3.29
At certification (yearend 1974)	3.22	4.60	—
	—	—	3.29
			4.71

prototype. At year-end 1968 (midway through flight test), the capital at risk ranges from \$0.85 to \$1.16 billions for the program pace designed to achieve certification in 1972, and from \$0.76 to \$1.02 billions for the 1974 program pace. The difference in capital at risk is in the greater commitments for tooling and long lead items needed early in the 1972 program pace. At the time of certification (1972 or 1974), the capital at risk ranges from about \$3.3 to \$4.7 billions, including that for production tooling and work-in-process.

Financing of Production:

The SST is approximately 3 times as productive as the current jet in its capacity for generating available seat-miles per year. Using the FAA estimate, the SST will sell for about 4 times the price of the current jet; using the PRC estimate, the SST will sell for about 5 times that price. The dollar value of work in process to be financed during production of a given seat-mile capacity in a given period of time will therefore range from 40 to 60 percent greater for the SST than for the same seat-mile capacity of current jet. Once successful prototypes have been achieved, the airlines and manufacturers are expected to handle the subsequent production requirements for cash through normal financing methods.

Attendant Policies:

The policy issues of pace, competition, and risk-sharing have been discussed at length in the earlier report. Additional sensitivity analyses are included in the attached supplement. The results indicate that a 1974 program pace which is accompanied by even small improvements in operating cost will improve program returns. Competition through certification improves program returns only if accompanied by major improvements in operating cost.

¹These data are taken from Tables S1.20 and S1.21 in the supplementary information attached.

Further discussion, together with an analysis of the risks involved in the SST Program, will be deferred to the report on program financing to be made shortly.

3.2 TERMINATION OF THE SST PROGRAM

Our analyses indicate that the SST will displace its competitors unless they are protected by a substantial fare differential. This has been confirmed without reservation by airlines, manufacturers, and others knowledgeable in the industry. If the SST Program were terminated, much the same argument could be made that the Concorde would displace its competitors. The supersonic aircraft will therefore be produced and operated only if policies are followed on a global basis which nullify the threat of Concorde competition. These policies would be tantamount to the following:

- a. The United States would have to follow, and persuade other nations to follow, a policy of rapid and substantial fare reduction. With the Concorde scheduled for delivery in the early 1970's, a fare differential large enough to neutralize the Concorde would have to be established for the subsonic air-lines to maintain load factors and secure a suitable return on their investment, if this were still possible at that fare level.
- b. Alternatively, the United States and other advanced nations would have to declare a moratorium on ~~supersonic aircraft production~~
technology leading to supersonic aircraft production
of commercial supersonic aircraft
Operating on a global scale, the airlines require the concerted action of the governments of the many nations which they serve. In particular, France and Britain would have to concur in this action, and this would represent a complete reversal of their present Concorde strategy.

Cost Benefit Analysis

S1. COST-BENEFIT ANALYSIS

The purpose of this supplementary cost-benefit analysis is to amplify the information presented in our earlier report by:

- a. providing measures of the economic merit of various aircraft alternatives in terms of the present worths of their associated program cash flows, as well as the internal rates of return,
- b. comparing program rankings based on a variety of sources of cost estimates,
- c. including the Lockheed L2000-2P aircraft in the program rankings as though the manufacturer's data had been validated by the FAA-NASA-DOD evaluation team,
- d. showing the sensitivity of results to variations in the more critical factors,
- e. showing the cash flows, annual and cumulative, for the manufacturers and U.S. airlines for various quantities of aircraft, as estimated by various sources.

S1.1 INTRODUCTION

- The cost-benefit analysis presented in our earlier report dealt with the program alternatives in terms of a set of nominal conditions for each aircraft (listed in Table A3.1 of the Summary, and repeated here as Table S1.1), and for sets of variations about these nominal conditions. Particularly important among these nominal conditions were the estimated aircraft price (based on estimates of development and production cost) and the relations used for estimating operating costs. Note also that the nominal conditions used in the earlier report, and in the present report as well, include the assumption that the cost of development is borne by the manufacturer, and later recovered with normal profit in the aircraft sales price—in other words, private development of the SST.

As shown in Table S1.1, the nominal assumptions on aircraft price used for the Boeing 733-290 were based on FAA estimates; those for the other aircraft, on manufacturers' (MFG) estimates. The relations used in the earlier report for estimating the operating costs for the several aircraft were "FAA relations" (i.e., modified Air Transport Association equations for direct costs, and Boeing-Lockheed equations for indirect costs). These nominal conditions will here be defined as the "FAA-FAA conditions"—where the first of the hyphenated terms indicates the source of the development and production cost estimates (or sales price); and the second, the source of the operating cost relations. Analogously, "MFG-FAA conditions" indicate the manufacturer as the source of development and

The information presented in Figures A3.6 through A3.23 of our earlier report on the SST Economic Analysis is repeated here, so as to integrate it with the more recent results. All rates of return on program cash flow are again shown before interest and taxes. All present worths of program cash flow are shown at a nominal 20 percent, before interest and taxes.

Table S1.1. Listing of Nominal Conditions for Analysis of Aircraft

Item	Boeing 733-290	Concorde	Boeing 707-320B	Growth Subsonic Jet	Commercial CX-HLS
Utilization	9 hrs/day	9 hrs/day	9 hrs/day	9 hrs/day	9 hrs/day
Load factor	Dom. 90% decreasing to 55% over 5 years; Int'l. 80% decreasing to 50% over 5 years	Same as for SST	Dom. 55% Int'l. 50%	Same as for Boeing 707-320B	Same as for Boeing 707-320B
Growth rate	Base rate	Base rate	Base rate	Base rate	Base rate
Route system	Case IV	Case IV	Case IV	Case IV	Case IV
Fare differential	+ 10%	+ 10%	0	0	- 10%
Aerodynamic data	FAA	Mfr.	Mfr.	Mfr.	Mfr.
Aircraft price	FAA (on 200 aircraft)	Mfr.	Mfr.	Mfr. (on 50 aircraft)	
Cost estimating relations	FAA	FAA	FAA	FAA	FAA
Sonic boom	2.0/1.5		2.0/1.5		

production cost estimates, and the FAA as the "source" of the operating cost relations.

Since the estimates of costs for development, production, and operating of future aircraft are subject to considerable uncertainty, we may broaden our perspective by considering the program alternatives over a range which includes the FAA-FAA (or MFG-FAA) conditions, as well as more conservative nominal conditions. These more conservative conditions would prevail if, for example, the PRC estimates were to be realized for development and production costs, and the ORI estimates were realized for operating costs. These latter conditions will here be defined as the "PRC-ORI conditions." An intermediate degree of conservatism would be reflected in "FAA-ORI" conditions—conditions based on FAA estimates for development and production costs; ORI, for operating costs.

The supplementary information will be presented in both graphic and tabular forms, as well as in terms of both rates of return on, and present worths of, program cash flows. One can then use that form of presentation and that criterion of economic merit to which he is accustomed. To assist in the interpretation of the graphic material, many of the figures have been arranged so that one can compare the rates of return on program cash flows for a given situation by scanning down the page. The FAA-FAA (or MFG-FAA) conditions will be found on the upper half of the page; the PRC-ORI conditions on the lower half. By scanning downward, one can see the effects of uncertainties in the various cost estimates. Furthermore, information relating to the rates of return are presented on the left half of the figure on the page; that relating to the present worths on the right half. Finally, adjoining each of the figures will be

an associated table presenting the same information numerically.

S1.2 PROGRAM RANKING

Figure S1.1 presents the ranking of program alternatives in the form just described:

- a. the pair of graphs in the upper left quadrant show the rates of return for the manufacturers and U.S. carriers, respectively, for FAA-FAA (or MFG-FAA) conditions. (This repeats the results for Figure A3.6.)
- b. the pair in the lower left quadrant show the corresponding rates of returns for the more conservative PRC-ORI conditions.
- c. the pair in the upper right quadrant show the present worths of program cash flows for FAA-FAA (or MFG-FAA) conditions.
- d. the pair in the lower right quadrant show the corresponding present worths for PRC-ORI conditions.

The effects of using the more conservative nominal conditions may readily be seen by scanning down the page, comparing the lower graphs with the upper. For example, the rates of returns and present worths to U.S. carriers for a 200-aircraft program are as listed:

Aircraft type	FAA-FAA or MFG-FAA conditions	PRC-ORI conditions
Percent return to U.S. carriers		
Boeing 733-290	62	20
Commercial CX-HLS ¹	110	36
Concorde	62	6
Present worth to U.S. carriers (in \$ billions)		
Boeing 733-290	1.0	0.0
Commercial CX-HLS ¹	1.5	0.5
Concorde	0.6	-0.4

experience of the airlines than do those based on the FAA relations. If we accept the ORI operating cost relations as the more accurate, then the range of returns on the Boeing 733-290 drops from a 42 percentage point difference between FAA-FAA and PRC-ORI to a 16 percentage point difference between FAA-FAA and PRC-ORI. This latter difference is now entirely attributable to the difference in estimates of development and production costs by FAA and PRC. Summarizing, the most probable range for the rate of return on a 200-aircraft program cash flow to U.S. carriers for the Boeing 733-290 is between 20 and 36 percent (before interest and taxes).

Figure S1.3 shows, under FAA-FAA (or MFG-FAA) conditions, the ranking of the Lockheed L2000-2P relative to the other aircraft. Even when it is assumed that the manufacturer's estimates of cost and performance could be validated, the L2000-2P is seen to be inferior to the Boeing 733-290.

The wide difference in rate of return (i.e., for the Boeing 733-290, between 62 percent and 20 percent) for the two nominal conditions is attributable to two differences: first, in development and production cost estimates, and second, in operating cost estimates. To assess the relative importance of these two differences, we refer now to Figure S1.2, and note that about one-third of the difference in returns for the Boeing 733-290 stems from the difference in development and production cost estimates, and two-thirds from the difference in operating cost estimates. Our analyses indicate that the estimates of operating cost based on the ORI relations reflect more accurately the actual

¹PRC equations could be used for production cost, but not for the incremental development cost associated with commercialization. The small incremental development cost of \$69 millions indicated by the manufacturer was used, and hence the returns shown here are undoubtedly overstated.

S1.3 POLICY ISSUES

In formulating its program recommendations to the President, the SST Advisory Committee will be considering the following policy issues:

- a. Pace of SST Program,
- b. Degree of competition between manufacturers,
- c. Risk-sharing between public and private sectors.

The impact of alternative choices, under both FAA-FAA and PRC-ORI conditions, will be examined quantitatively in Figures S1.4 through S1.6.

Pace

The present pace of the SST Program provides for the initiation of production development and aircraft certification around mid-1968—before flight test is begun; and initiation of production in mid-1969—before 100-hour flight test is complete. A more deliberately paced program might defer major production commitments until more extensive flight experience has been obtained. The justification for the more deliberate pace would presumably be based on one or more of the following factors:

Competition

- a. Lower production costs (and hence, aircraft sales price) because of fewer design changes affecting work-in-process and tooling.
- b. Lower costs to manufacturers and/or airlines for retrofitting aircraft already in operation.
- c. Improvements in aircraft performance and operating costs because of more time for design. Not only might these lower operating costs directly increase airlines profits, but they might also increase SST sales and hence, manufacturers' profits.

Offsetting these factors would be the prospect of some loss in aircraft sales to the Concorde because of increased delay in entry of the SST into the market. The net effect on sales for a delayed but improved SST can not be predicted at this time.

Figure S1.4 shows the effect of choosing a more deliberate pace for SST development—one in which a major commitment to production is delayed until after flight test, so that first in-service delivery of the SST might then occur around 1974 rather than 1972. A number of computer runs

were made with varying assumptions as to the degree of improvement in total operating cost which might result with a more deliberately paced program. These covered a range from 0 to 15 percent, the latter representing a major improvement—comparable to that achieved for the current large jets since their entry into service. The figure shows, coupled with the more deliberate pace, the compensatory effect of a nominal 15 percent improvement in total operating cost over the SST Program life. The results suggest that a more deliberate pace may improve the program return.

- a. The present approach to the SST Program recommends the early choice of a single manufacturing team (one airframe and one engine manufacturer)—a choice to be made in 1965. Suppose, however, that it were possible to obtain realistic and vigorous competition¹ between two manufacturing teams at least through prototype flight test—a choice to be made in 1969. The spur of such competition may be expected to yield benefits analogous to those for a more deliberate pace: improved performance and lower operating costs. Offsetting these benefits would be higher development costs (about twice as high).

Figure S1.5 shows the effect of competition through certification, coupled with a compensatory 15 percent improvement in total operating cost over the SST Program life. The nominal condition assumes first in-service delivery in 1972. The results suggest that competition through certification can be justified only with a major improvement in aircraft performance. Additional computer runs will be made to test the benefits of competition through flight test on γ .

¹The problem of realistic competition between manufacturing teams under present circumstances has been raised in section 5.6 of our earlier report.

Source of Development Funding

Figure S1.6 shows the influence of various program financing arrangements on rates of return. The nominal case (private development) assumes that the manufacturers fund the development cost, and later recover this cost with normal profit in the aircraft sales price. An alternative arrangement, here labelled "public development," assumes that the Government funds development, and later recovers this cost without profit in the aircraft sales price. The interest on the development cost is not recovered (i.e., no allowance is made for the fact that development costs are incurred early in the program, and recovered later in the aircraft sales). Still a third alternative is that labelled as "development subsidy." This assumes that the Government funds development, and recovers none of the cost. The alternative arrangements labelled "private development" and "development subsidy" establish the limits within which any financing arrangement will fall.

S1.4 SENSITIVITY ANALYSIS

Figures S1.7 through S1.12 show the sensitivity to variations in critical factors affecting the program returns for the Boeing 733-290, the commercial CX-HLS, and the Concorde—under both FAA-FAA (or MFG-FAA) conditions and PRC-ORI conditions.

Figure S1.7 shows the sensitivity to variation in utilization in terms of rates of return; Figure S1.8, in terms of present worth (at 20 percent). The nominal assumption for all aircraft is 9 hours of aircraft utilization per day over the program life. Sensitivity was tested with a variation of ± 1 hour about the nominal. The computer model has now been modified to permit a year-by-year variation in utilization. Additional computer runs are being made to test the effects

of a lower utilization during the initial years of service, and of potential grounding of the aircraft during the initial years due to technical or operational difficulties.

Figure S1.9 shows the sensitivity to variation in load factor in terms of rates of return; Figure S1.10, in terms of present worths. The nominal assumption for the two supersonic aircraft is 90 percent load factor in the first year on domestic routes, then decreasing linearly to 55 percent over 5 years, and remaining at 55 percent for the remainder of the service life; 80 percent initially on international routes, then decreasing to and remaining at 50 percent. This pattern is similar to that experienced during the piston-jet transition. For the commercial CX-HLS, the nominal assumption is 55 percent load factor on domestic routes; 50 percent on international routes. This is comparable to current load factors for the subsonic jet. Our studies indicate that it is highly unlikely that such load factors could be maintained for the subsonic jet operating against a supersonic jet unless it enjoyed a substantial fare differential.

Figure S1.11 shows the sensitivity to variation in fare in terms of rates of return; Figure S1.12, in terms of present worths (at 20 percent). The nominal assumption for the supersonic aircraft is 10 percent above current fare levels; for the commercial CX-HLS, 10 percent below. Although not shown here, the current and growth jets are assumed, in the nominal case, to fly at current fare levels. The lower fare level is postulated for the CX-HLS because the service is expected to be less luxurious in nature than the current or growth jets. The figures show the returns at several fare levels in addition to the nominal.

Figures S1.13 through S1.19 show the sensitivity to variations in other critical factors, but only under the

FAA-FAA (or MFG-FAA) conditions. Figure S1.13 shows the sensitivity to variation in aircraft sales price in terms of rates of return; Figure S1.14, in terms of present worths (at 20 percent). The nominal assumption is the FAA price estimate for the SST, and the manufacturer's price estimates for the commercial CX-HLS and Concorde.

Figure S1.15 shows the effects of sonic boom assuming that the SST operates under one of the following sets of conditions:

- a. with the nominal flight profile causing 2.0 pound per square foot overpressure during acceleration, and 1.5 pound during cruise (here labeled $\Delta P = 2.0/1.5$), or
- b. with a flight profile causing a $\Delta P = 2.5/1.7$ pound per square foot overpressure, or
- c. with one flight profile causing $\Delta P = 2.0/1.5$ for route segments up to 2500 miles in length (these would account for most routes over populated areas), and a second profile causing $\Delta P = 2.5/1.7$ for the longer route segments (these are primarily the overwater routes), or
- d. only on the overwater routes.

Figure S1.16 shows the effects of payload-range restrictions. The nominal case is the payload-range curve as validated by the FAA-NASA-DOD team. Full payload (48,600 pounds) can be carried over route distances of about 3250 statute miles. Beyond that distance, payload capability falls off to 25,500 pounds at 4000 statute miles. The removal of this restriction increases the returns to the carriers. More recent manufacturer's data suggests that the restriction can be removed.

Figure S1.17 shows the effects of rather extreme assumptions as to elevated ambient temperatures at which engine efficiency decreases. The returns are shown for the standard day temperature, and for a temperature higher by 20° Fahrenheit. Since only some of the routes will actually be experiencing elevated temperatures at any given season of the year, the assumption that the entire system will experience elevated temperatures over the life of the program is seen to be quite extreme.

Figure S1.18 shows the effect of not carrying revenue cargo. The nominal case assumes that the costs are incurred, and that revenues are derived for 3000 pounds of cargo; the other case assumes no costs or revenues from cargo.

Figure S1.19 shows the effects of a high load factor in the initial years of service. The earlier discussion attending Figures S1.9 and S1.10 indicated that the Boeing 733-290, because of its speed advantage and novelty, might be expected to operate with a load factor significantly higher than normal. The returns are shown with and without this initial advantage. The difference in the returns, being quite significant in size, points up why airlines have the incentive to replace the older aircraft with the newer and faster—the aircraft which the passenger appears to prefer.

S1.5 COMPARATIVE CASH FLOWS

Tables S1.20 through S1.27 present cash flow information relating to the SST Program. All cash flows are in millions of dollars. The first two, Tables S1.20 and S1.21, present manufacturers' cash flows for the 200-aircraft program for the 1972 and 1974 program pace, respectively. Each table presents the flows in accordance with both FAA

and PRC estimates of cost for development and production. The first pair of columns, labelled "Development Cost" indicates the annual and cumulative cash requirements for development. Since the nominal case assumes private development, the "Manufacturers' Development Outlay" columns are identical with the "Development Cost" columns, respectively. The other column headings are self-explanatory.

The cumulative capital at risk in the early stages of the SST Program (up to and including certification) may be read from Tables S1.20 and S1.21 year-by-year in the column labelled "Total Manufacturers' Cost." These represent the total program outlays to any given point in time during the early years.

Tables S1.22 and S1.23 show the cash flows for the U.S. carriers for the 200-aircraft program for the 1972 program pace, and at fare levels 1.1 and 1.0 times current, respectively. Also shown is a pair of columns labelled "U.S. Interest in SST Program," which represents the net cash flows for the manufacturers and U.S. carriers combined. Again the flows are shown on the basis of several

estimates—under FAA-FAA, FAA-ORI, and PRC-ORI conditions. "Acquisition Cost" includes both initial equipment and parts, as well as maintenance materials.

Tables S1.24 and S1.25 show the cash flows for the U.S. carriers for the 400-aircraft program in a manner similar to Tables S1.22 and S1.23, respectively; Tables S1.26 and S1.27 show the cash flows for the U.S. carriers for the 600-aircraft program.

Tables S1.28 through S1.33 show the cash flows for U.S. carriers for quantities of Boeing 707-320B having seat-mile capacities comparable to those presented earlier for the Boeing SST. Again the flows are shown at two fare levels and on the basis of two estimates—under MFG-FAA and MFG-ORI conditions.

In comparing cash flows of the SST with the Boeing 707-320B, one must take care to use the same estimator, comparable quantities of aircraft (200 SSTs with 600 subsonics, 400 SSTs with 1152 subsonics, and 600 SSTs with 1728 subsonics), and appropriate combinations of fares (1.1 SST with 1.0 subsonic, and 1.0 SST with 0.9 subsonic).

Table S1.2. Ranking of Alternative Programs

Table 2a. Degree of Market Success Required for a Given Internal Rate of Return
(Before interest and taxes)

Manufacturers	Rate of Return					Number of Aircraft
	50	100	200	240	400	
Boeing 707-320-B						600
Growth subsonic						
Commercial CX-HLS	37	39	87			
Boeing 733-290	-11		14		24	29
Lockheed L-2000-2P	-49		12		24	21
Concorde						

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : FAA or MFG
Operating Costs : FAA

U.S. Carriers

Manufacturers	Number of Aircraft					Number of Aircraft
	50	100	200	240	400	
Boeing 707-320-B						600
Growth subsonic						
Commercial CX-HLS	106	107	108	67	70	71
Boeing 733-290	59		62		54	77
Lockheed L-2000-2P	-47		51		44	51
Concorde	57		62		60	60

U.S. Carriers

Manufacturers	Number of Aircraft					Number of Aircraft
	50	100	200	240	400	
Boeing 707-320-B						600
Growth subsonic						
Commercial CX-HLS	45	70	109	70	14	24
Boeing 733-290	-11					30
Lockheed L-2000-2P						
Concorde						

Development and Production Costs : PRC or MFG
Operating Costs : PRC

U.S. Carriers

Manufacturers	Number of Aircraft					Number of Aircraft
	50	100	200	240	400	
Boeing 707-320-B						600
Growth subsonic						
Commercial CX-HLS	36	36	36	44	47	48
Boeing 733-290	20		20			51
Lockheed L-2000-2P	-1		6		18	17
Concorde					6	6

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : PRC or MFG
Operating Costs : ORI

Manufacturers	Number of Aircraft					Number of Aircraft
	50	100	200	240	400	
Boeing 707-320-B						600
Growth subsonic						
Commercial CX-HLS	36	36	36	44	47	48
Boeing 733-290	20		20			51
Lockheed L-2000-2P	-1		6		18	17
Concorde					6	6

Table S1.2. Ranking of Alternative Programs

Table 2a. Degree of Market Success Required for a Given Internal Rate of Return
(Before interest and taxes)

Manufacturers	Rate of Return					
	50	100	200	240	360	400
Boeing 707-320-B						
Growth subsonic						
Commercial CX-HLS	17	59	87			
Boeing 737-290	-11	14		24	29	
Lockheed L-2000-2P	-49		12	24	31	
Concorde						

Present Worth (\$ Billions)

Manufacturers	Number of Aircraft					
	50	100	200	240	360	400
Boeing 707-320-B						
Growth subsonic						
Commercial CX-HLS						
Boeing 737-290						
Lockheed L-2000-2P						
Concorde						

Table 2b. Degree of Market Success Required for a Given Present Worth of Program Cash Flow
(at 20 percent and before taxes)

Manufacturers	Number of Aircraft					
	50	100	200	240	360	400
Boeing 707-320-B						
Growth subsonic						
Commercial CX-HLS	17	59	87			
Boeing 737-290	-11	14		24	29	
Lockheed L-2000-2P	-49		12	24	31	
Concorde						

Present Worth (\$ Billions)

Manufacturers	Number of Aircraft					
	50	100	200	240	360	400
Boeing 707-320-B						
Growth subsonic						
Commercial CX-HLS						
Boeing 737-290						
Lockheed L-2000-2P						
Concorde						

AA or MFG

Manufacturers	Number of Aircraft					
	50	100	200	240	360	400
Boeing 707-320-B						
Growth subsonic						
Commercial CX-HLS	106	107	108	67	70	77
Boeing 737-290	59	62			51	
Lockheed L-2000-2P	47	51	57	62	60	
Concorde						

Manufacturers	Number of Aircraft					
	50	100	200	240	360	400
Boeing 707-320-B						
Growth subsonic						
Commercial CX-HLS						
Boeing 737-290						
Lockheed L-2000-2P						
Concorde						

AA or MFG

Manufacturers	Number of Aircraft					
	50	100	200	240	360	400
Boeing 707-320-B						
Growth subsonic						
Commercial CX-HLS	45	70	109	14	24	30
Boeing 737-290	-11					
Lockheed L-2000-2P						
Concorde						

Manufacturers	Number of Aircraft					
	50	100	200	240	360	400
Boeing 707-320-B						
Growth subsonic						
Commercial CX-HLS						
Boeing 737-290						
Lockheed L-2000-2P						
Concorde						

PRC or MFG

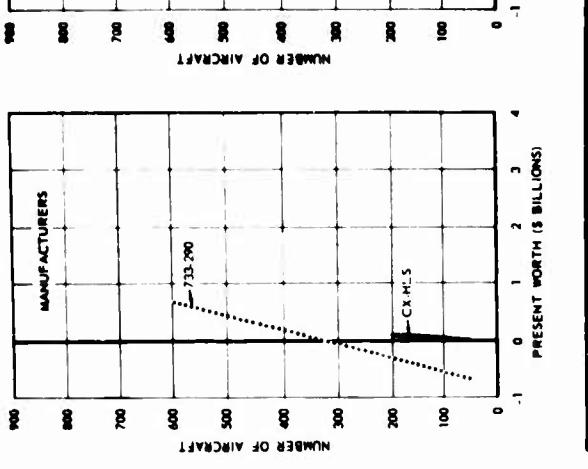
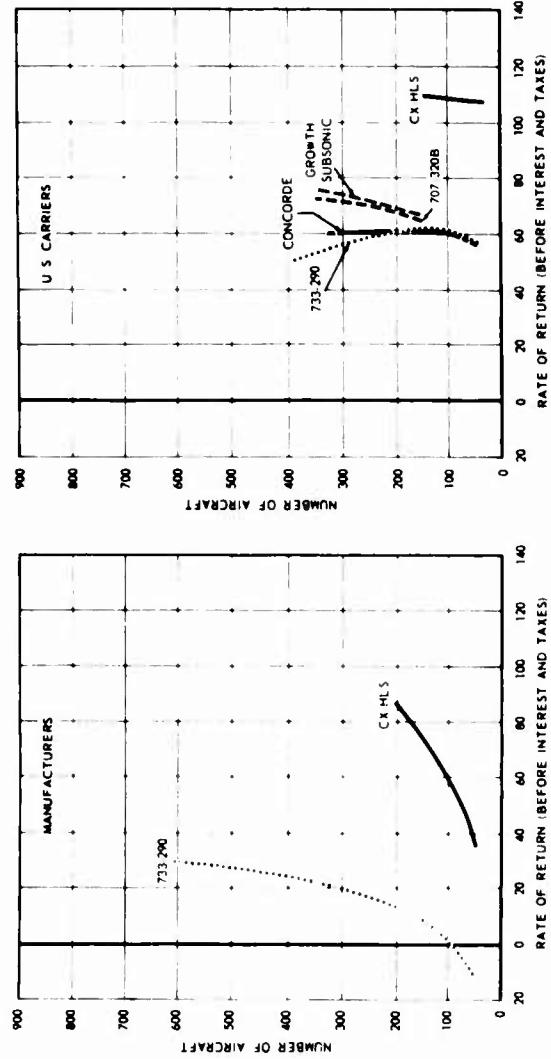
Manufacturers	Number of Aircraft					
	50	100	200	240	360	400
Boeing 707-320-B						
Growth subsonic						
Commercial CX-HLS	36	36	36	44	47	51
Boeing 737-290	20	20	20	24	30	41
Lockheed L-2000-2P	1	1	6	6	6	6
Concorde						

Manufacturers	Number of Aircraft					
	50	100	200	240	360	400
Boeing 707-320-B						
Growth subsonic						
Commercial CX-HLS						
Boeing 737-290						
Lockheed L-2000-2P						
Concorde						

SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : FAA or MFG**

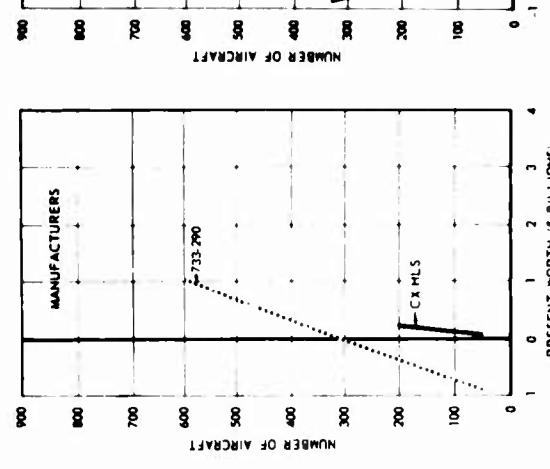
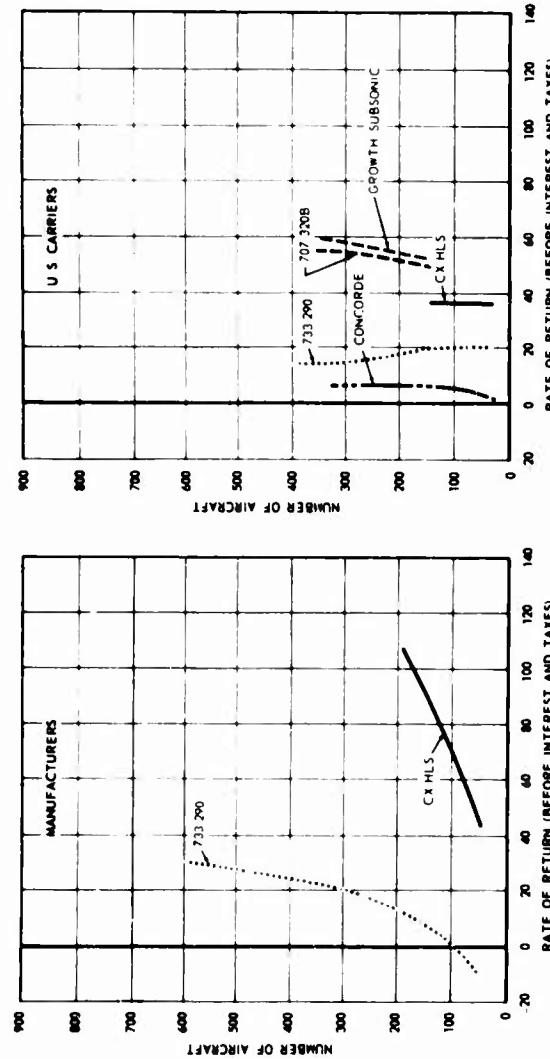
Operating Costs : FAA



SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : PRC or MFG**

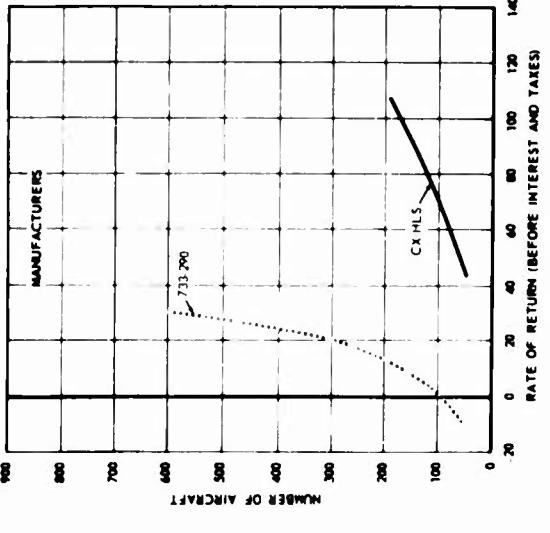
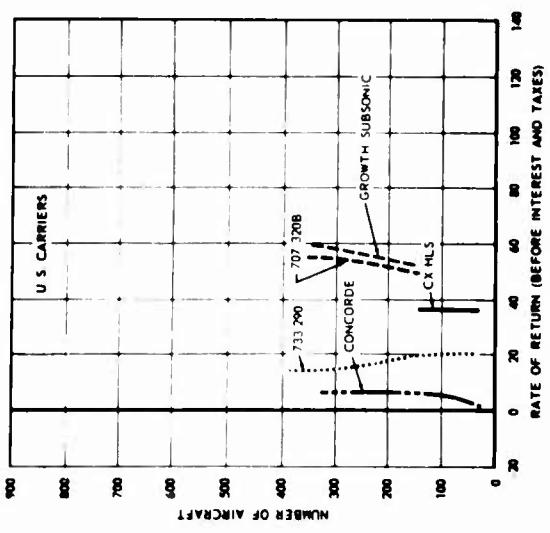
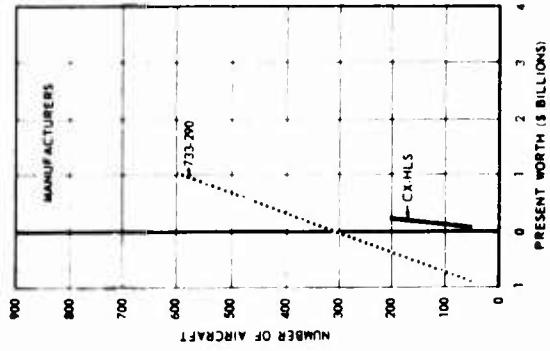
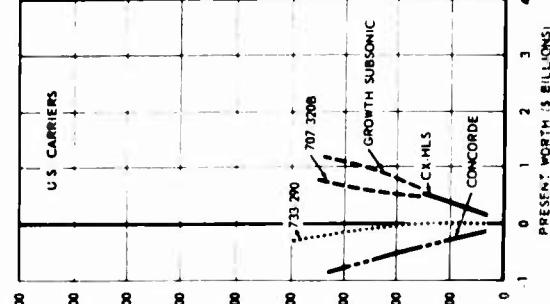
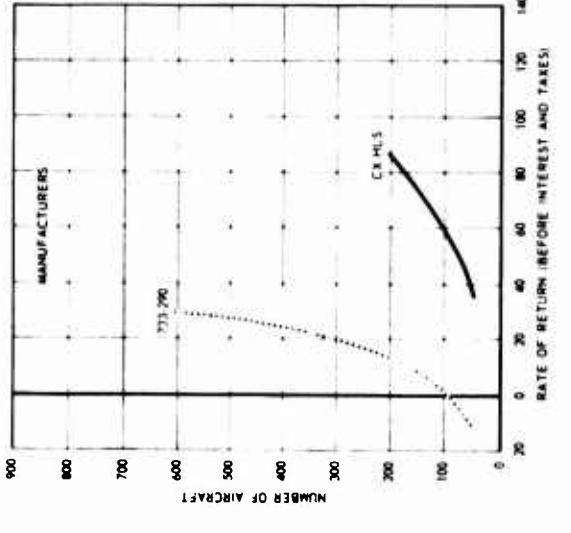
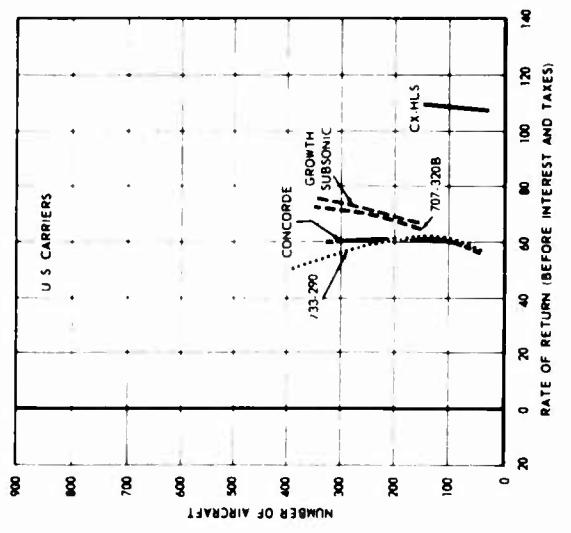
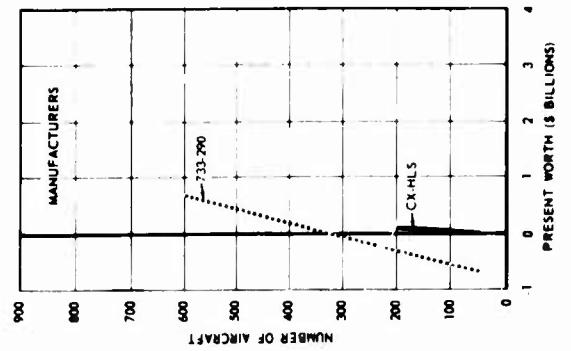
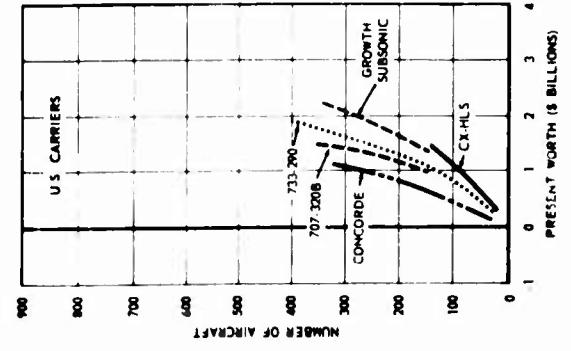
Operating Costs : ORI



Demand of market sources required for a given present worth of program

Number of market sources required for a given present worth of program

Figure S1.1. Ranking of Alternative Programs



Degree of market success required for a given present worth of program cash flow (at 30 percent and before taxes)

Degree of market success required for a given internal rate of return (before interest and taxes)

Figure S1.1. Ranking of Alternative Programs

Table S1.3. Sensitivity of SST Program Ranking to Variation in Source of Data Input

Return on Investment
Boeing 733-290

Source of data input	Number of Aircraft		
	50	200	400
Nominal FAA-FAA	-11	14	24
FAA-ORI	-11	14	24
PRC-ORI	-11	14	24

SOURCES OF DATA INPUTS FOR :

Development and Production Costs :

Operating Costs :

SOURCES OF DATA INPUTS FOR :

Development and Production Costs:

Operating Costs :

Manufacture

Source of data input	Number of Aircraft			
Nominal FAA-FAA	50	200	400	600
FAA-ORI	59	62	58	51
PRC-ORI	37	36	32	29
	20	20	18	17

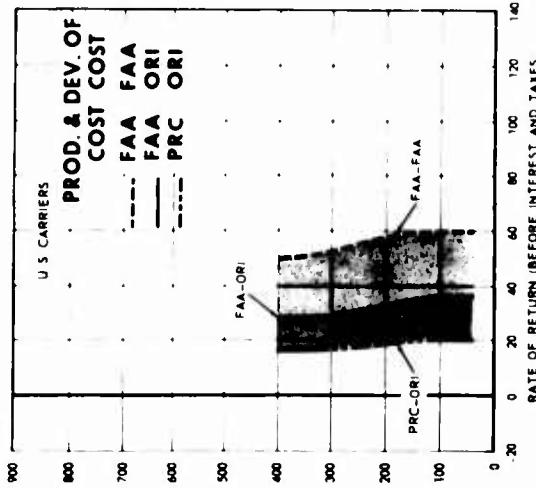
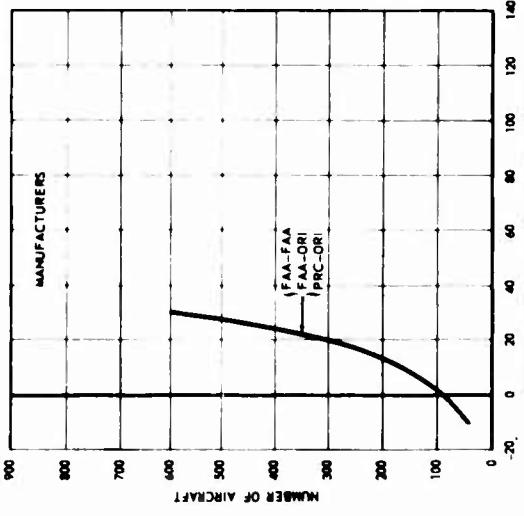
Manufacturers

卷之三

Source of data input	Number of Aircraft			
	50	200	400	600
Nominal FAA-FAA	0.38	0.97	1.47	1.92
FAA-ORI	0.15	0.35	0.46	0.54
PRC-ORI	0	0	-0.12	-0.34

SOURCE OF DATA INPUT VARIED

BOEING 733-290



SOURCES OF DATA INPUTS FOR :

Development and Production Costs : VARIED

Operating Costs : VARIED

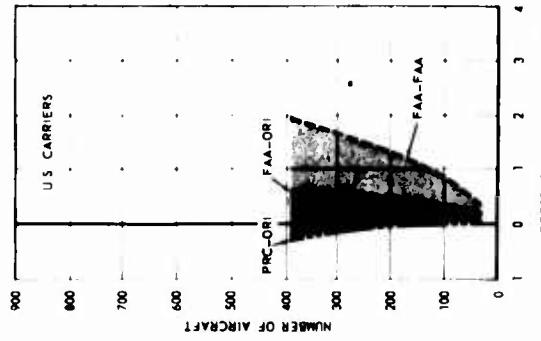
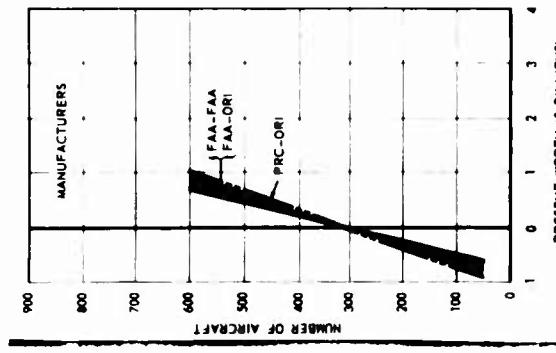


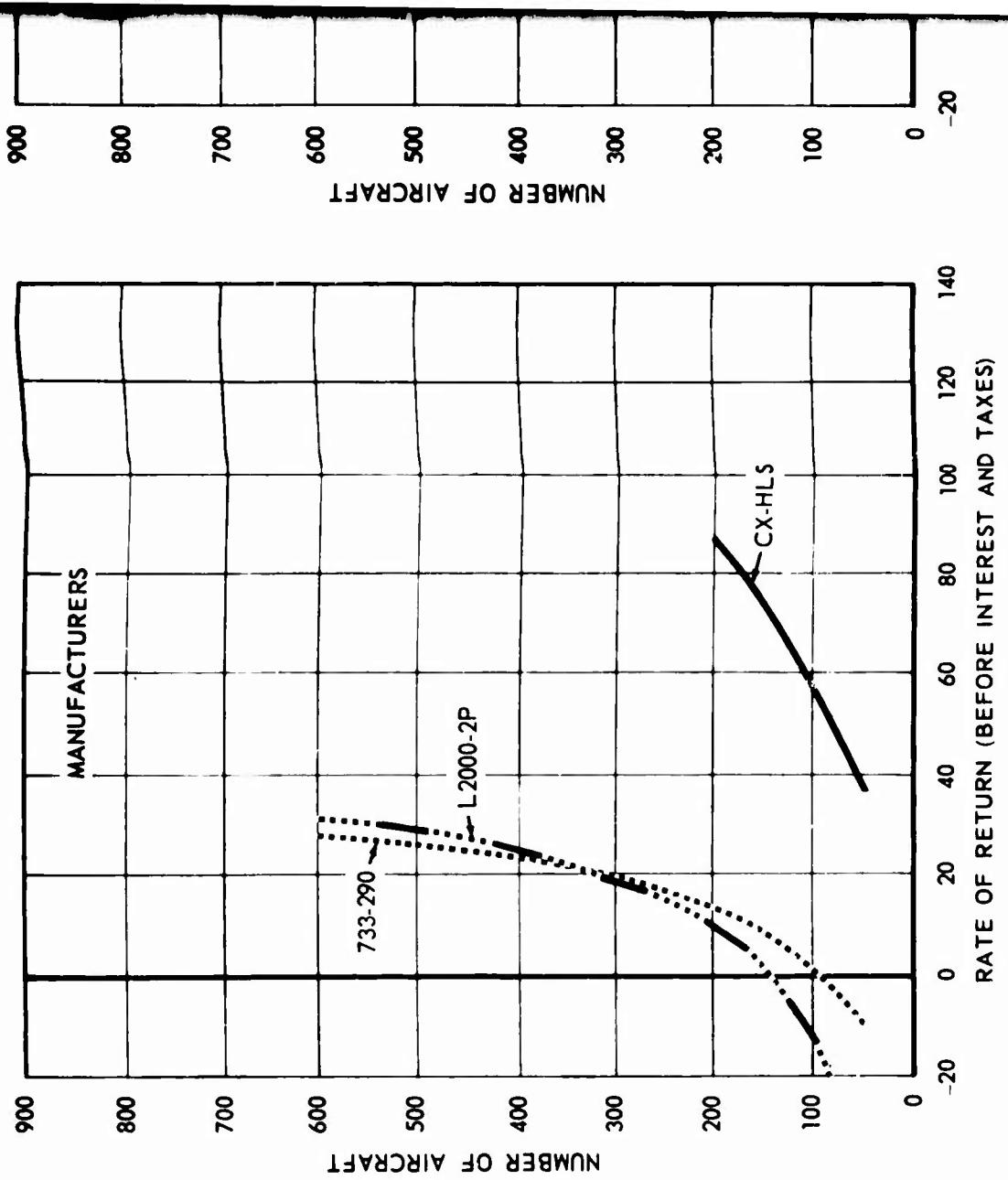
Figure S1.2. Sensitivity of SST Program Ranking to Variation in Source of Data Input

S1-5

SOURCES OF DATA INPUTS FOR :

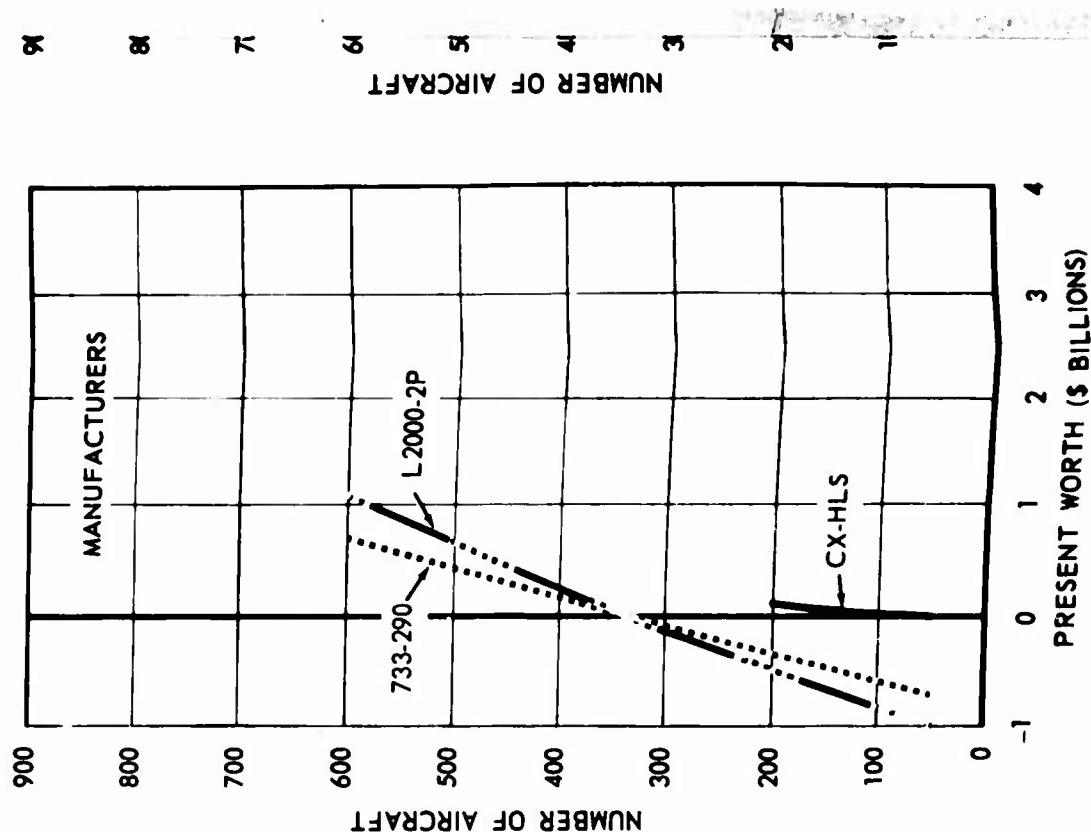
**Development and
Production Costs : FAA or MFG**

Operating Costs : FAA

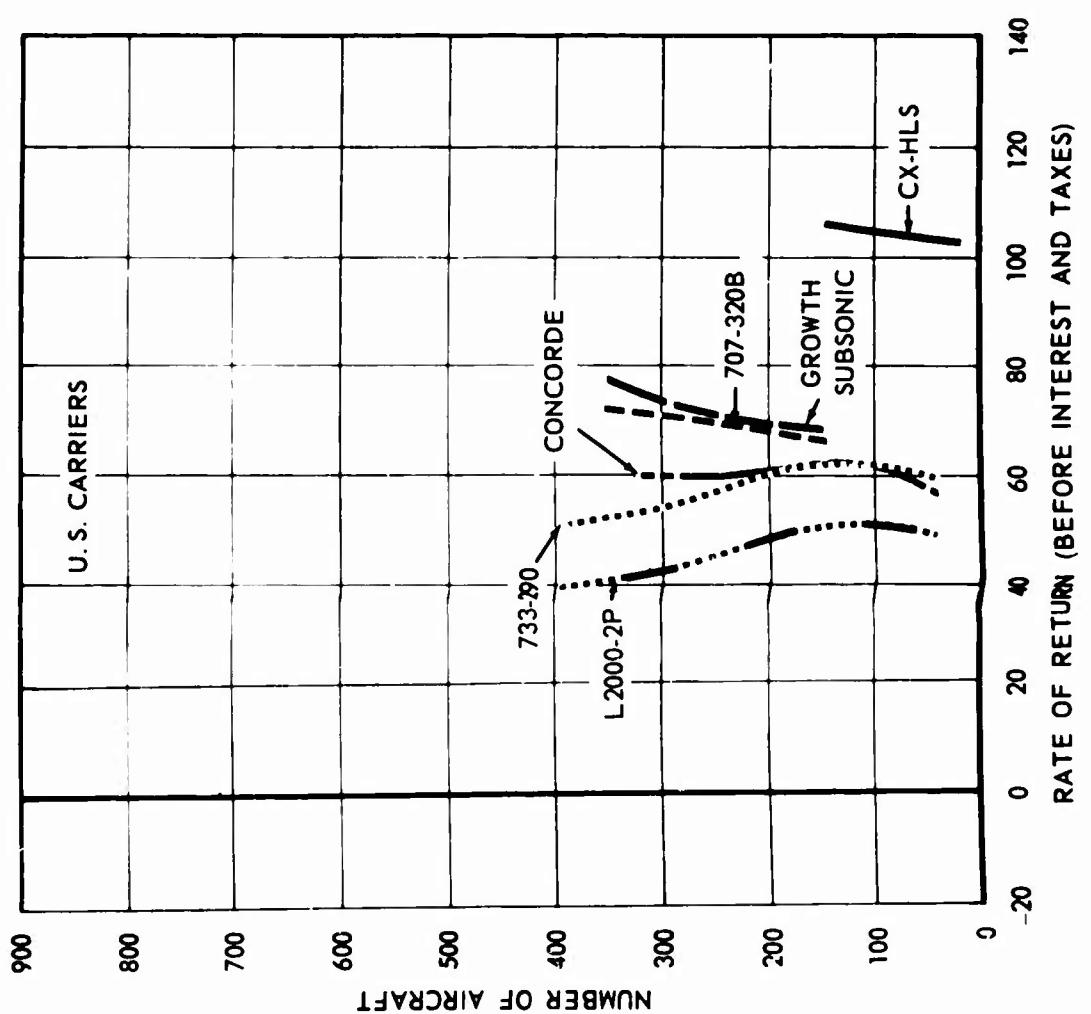


Degree of market success required for a given internal rate

Figure S1.3. Re

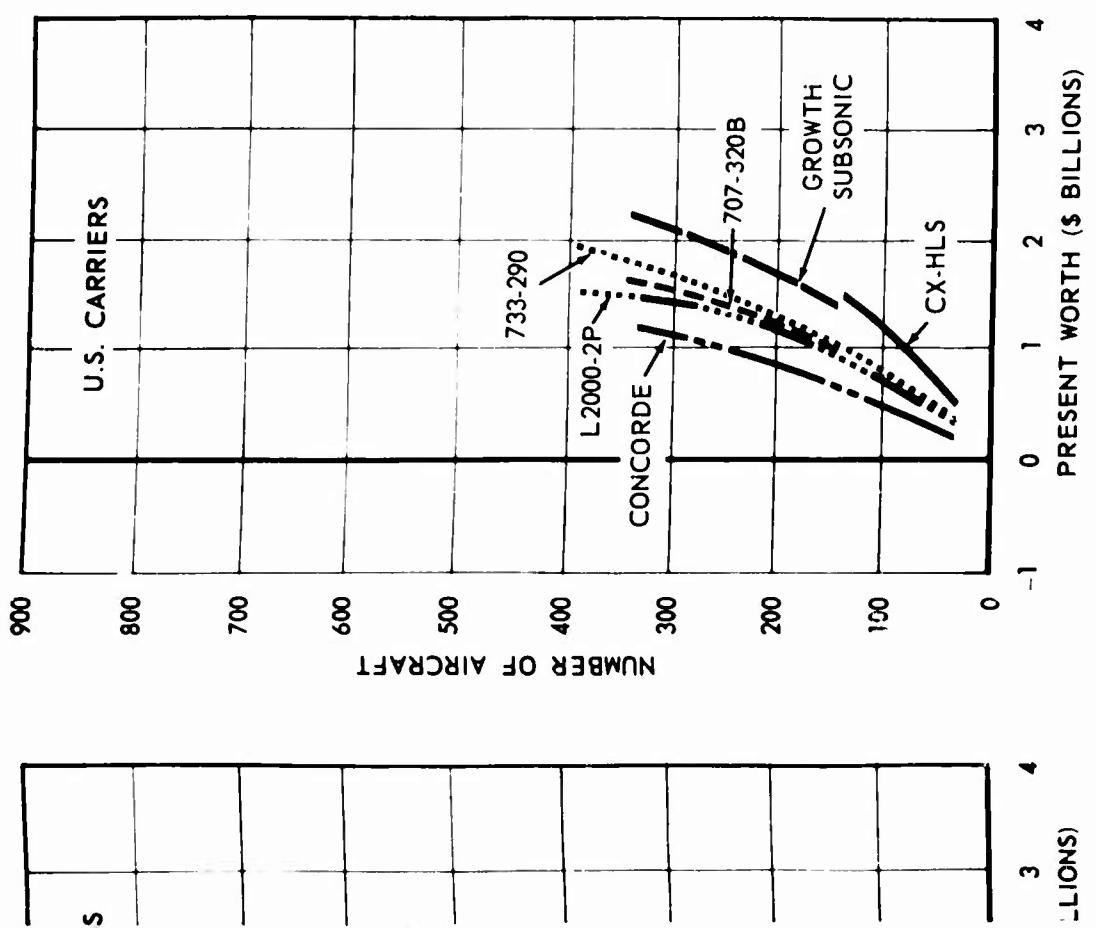


Degree of market success required for a given present worth of production costs



required for a given internal rate of return (before interest and taxes).

Figure S1.3. Ranking of Lockheed SST Design



given present worth of program cash flow (at 20 percent and before taxes).

Table S1.4. Sensitivity of SST Program Returns to Variation in Program Pace

a. Variation in Market Success and in Internal Rate of Return
for Boeing 737-290

b. Variation in Market Success and Present Worth of Program
Cash Flow (at 20 percent and before taxes) for Boeing 733-290

Manufacturers	Rate of Return	Number of Aircraft			Manufacturers	Present Worth (\$ Billions)			
		Program pace	50	200	400	600			
Nominal 1972	-11	14	24	29	Nominal 1972	-.70	-.31	.20	.71
Pace 1974	-10	11	20	24	Pace 1974	-.68	-.41	-.06	.30
Pace 1974 15% T.O.C.	-10	11	20	24	Pace 1974 15% T.O.C.	-.68	-.41	-.06	.30

Development and Production Costs : FAA

Program pace	Number of Aircraft			Manufacturers	Number of Aircraft	
	50	200	400		600	
Nominal 1972	59	62	58	51	Nominal 1972	.38
Pace 1974	58	62	61	52	Pace 1974	.26
Pace 1974 15% T.O.C.	65	70	70	59	Pace 1974 15% T.O.C.	.32

U.S. Carriers

Program pace	Number of Aircraft			Manufacturers	Number of Aircraft	
	50	200	400		600	
Nominal 1972	59	62	58	51	Nominal 1972	.97
Pace 1974	58	62	61	52	Pace 1974	.65
Pace 1974 15% T.O.C.	65	70	70	59	Pace 1974 15% T.O.C.	.80

SOURCES OF DATA INPUTS FOR :

Operating Costs : FAA

Program pace	Number of Aircraft			Manufacturers	Number of Aircraft	
	50	200	400		600	
Nominal 1972	-11	14	24	30	Nominal 1972	-.97
Pace 1974	-10	12	20	25	Pace 1974	-.94
Pace 1974 15% T.O.C.	-10	12	20	25	Pace 1974 15% T.O.C.	-.94

U.S. Carriers

Program pace	Number of Aircraft			Manufacturers	Number of Aircraft	
	50	200	400		600	
Nominal 1972	20	20	18	17	Nominal 1972	0
Pace 1974	20	21	20	18	Pace 1974	0
Pace 1974 15% T.O.C.	28	30	29	26	Pace 1974 15% T.O.C.	.07

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : PRC

Program pace	Number of Aircraft			Manufacturers	Number of Aircraft	
	50	200	400		600	
Nominal 1972	20	20	18	17	Nominal 1972	0
Pace 1974	20	21	20	18	Pace 1974	0
Pace 1974 15% T.O.C.	28	30	29	26	Pace 1974 15% T.O.C.	.07

U.S. Carriers

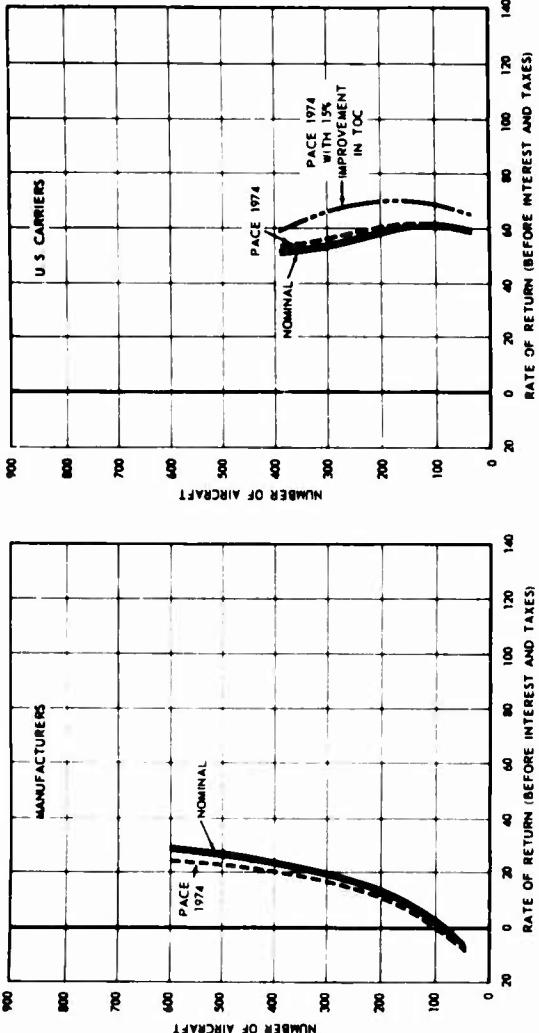
Program pace	Number of Aircraft			Manufacturers	Number of Aircraft
	50	200	400		600
Nominal 1972	0	0	0	0	0
Pace 1974	0	0	0	0	0
Pace 1974 15% T.O.C.	.07	.21	.31	.33	.33

SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : FAA**

Operating Costs : FAA

VARIATION IN PROGRAM PACE



SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : PRC**

Operating Costs : ORI

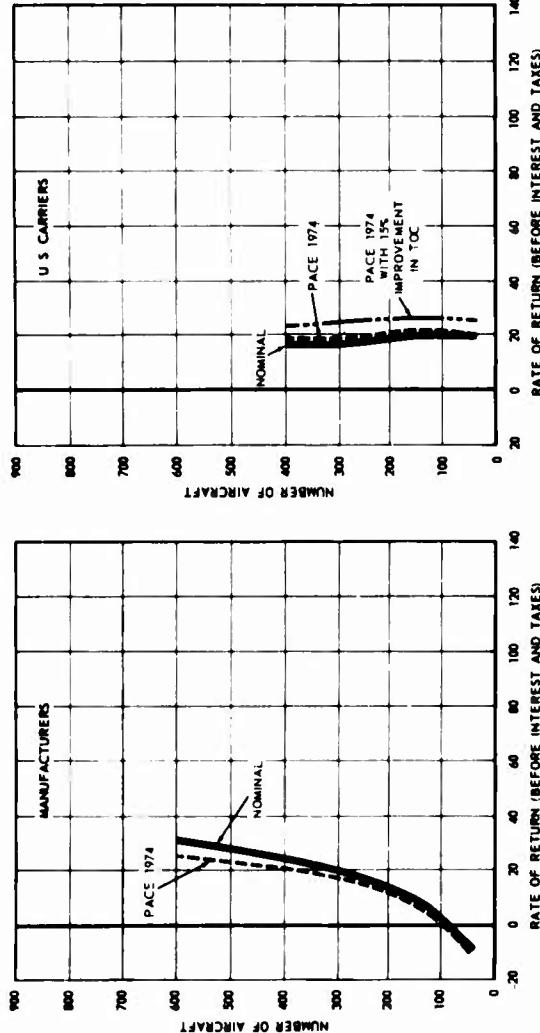
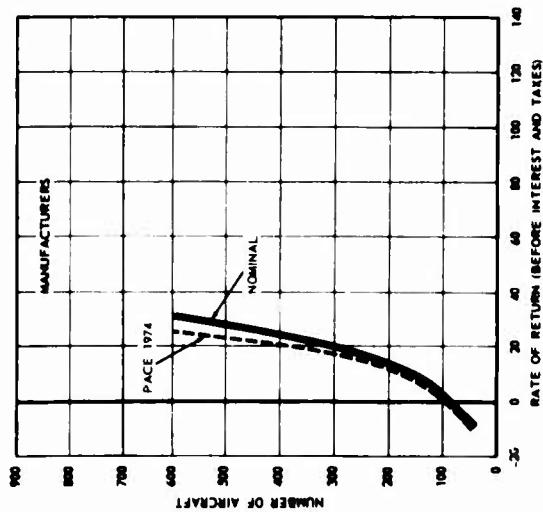
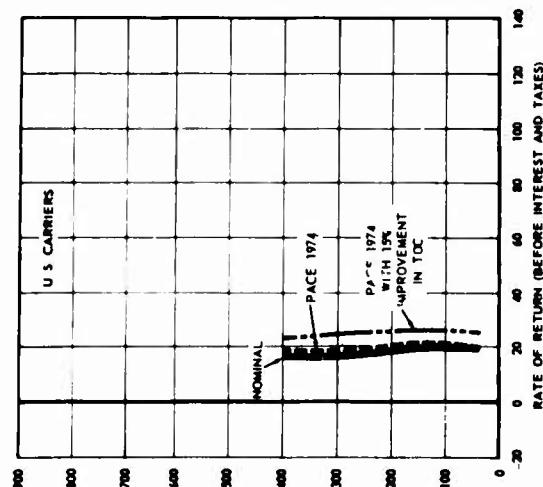
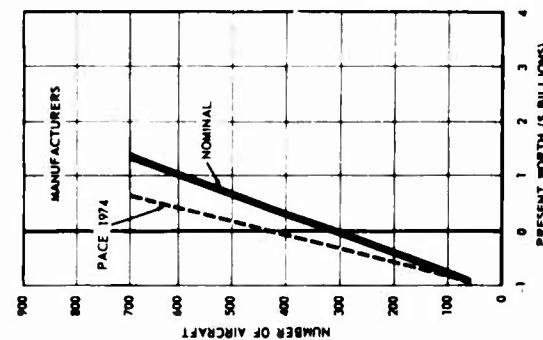
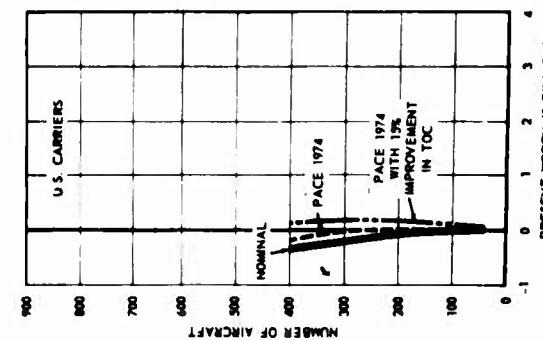
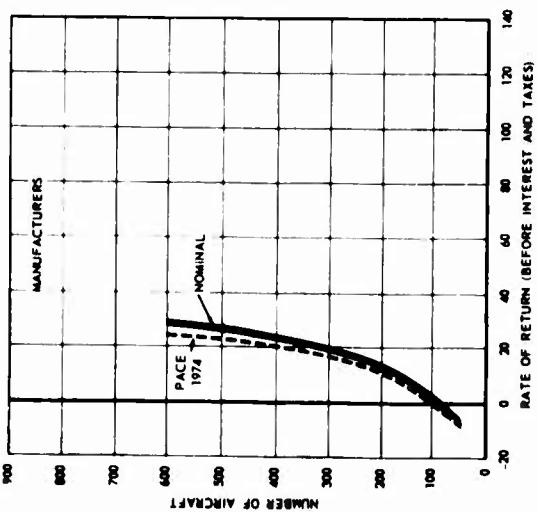
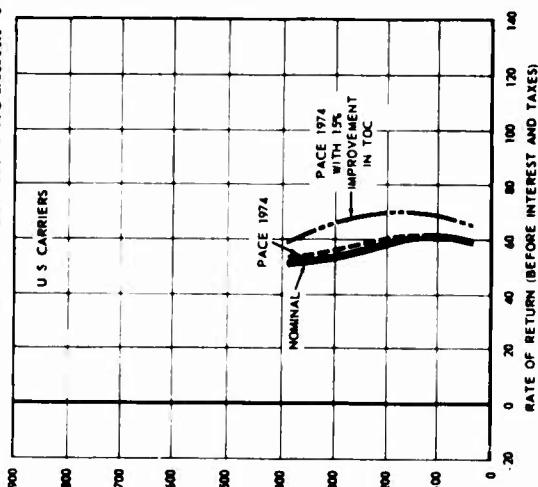
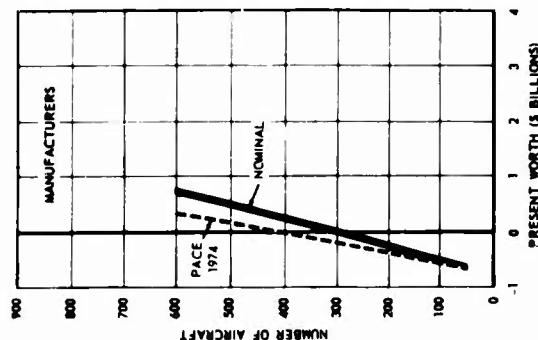
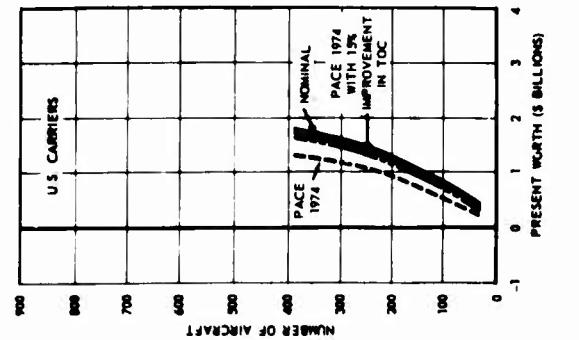


Figure S1.4. Sensitivity of SST Program Returns to Variation in Program Pace

VARIATION IN PROGRAM PACE



Variation in market success and present worth of program cash flow (at 20 percent and before taxes) for Boeing 733-200.

Figure S1.4. Sensitivity of SST Program Returns to Variation in Program Pace

Table S1.5. Sensitivity of SST Program Returns to Variation in Degree of Competition Between Manufacturers

b. Variation in Market Success and Cash Flow (at 20 percent and before)

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : FAA

Operating Costs : FAA

Manufacturers	Present Worth (\$ million)	Net	
		50	-0.70
Competition between manufacturers	Nominal	-1.24	
Dual dev.	Dual dev., 15% imp. T.O.C.	-1.24	

U.S. Carriers	Competition between manufacturers	Nu	
		50	0.38
Nominal			
Dual dev.			0.22
Dual dev. 15% Imp. T.O.C.			0.35

Manufacturers	Competition between manufacturers	N	
		50	-0.98
Nominal			
Dual dev.		-1.69	
Dual dev. 15% Imp. T.O.C.		-1.69	

Competition between manufacturers		50	1
Nominal		0	
Dual dev.		-0.17	
Dual dev. 15% Imp. T.O.C.		-0.07	

Manufacturers	Competition between manufacturers	Number of Aircraft			
		50	200	400	600
Nominal		-11	14	24	30
Dual dev.		- 9	14	23	28
Dual dev. 15% Imp. T.O.C.		- 9	14	23	28

U.S. Carriers		Number of Aircraft			
Competition between manufacturers		50	200	400	600
Nominal		20	20	18	17
Dual dev.		10	12	10	10
Dual dev. 15% Imm. T.O.C.		17	19	18	16

Development and Production Costs : PRC

Operating Costs : ORI

Table S1.5. Sensitivity of SST Program Returns to Variation in Degree of Competition Between Manufacturers

- a. Variation in Market Success and in Interest Rate of Return
- b. Variation in Market Success and Present Worth of Program Cash Flow (at 20 percent and before taxes) for Boeing 733-290

Manufacturers		Rate of Return		Manufacturers		Present Worth (\$ Billions)	
Competition between manufacturers		Number of Aircraft		Competition between manufacturers		Number of Aircraft	
50		200		50		200	
Nominal	-11	14	24	29	-0.70	-0.31	0.20
Dual dev.	-10	12	22	27	-1.24	-0.62	0.14
Dual dev. 15% Imp. T.O.C.	-10	12	22	27	-1.24	-0.62	0.14
U.S. Carriers		Number of Aircraft		U.S. Carriers		Number of Aircraft	
Competition between manufacturers		50		Competition between manufacturers		50	
Nominal		59		Nominal		50	
Dual dev.		43		Dual dev.		200	
Dual dev. 15% Imp. T.O.C.		48		Dual dev. 15% Imp. T.O.C.		400	
						600	
Manufacturers		Number of Aircraft		Manufacturers		Number of Aircraft	
Competition between manufacturers		50		Competition between manufacturers		50	
Nominal		50		Nominal		50	
Dual dev.		-9		Dual dev.		200	
Dual dev. 15% Imp. T.O.C.		-9		Dual dev. 15% Imp. T.O.C.		400	
						600	
U.S. Carriers		Number of Aircraft		U.S. Carriers		Number of Aircraft	
Competition between manufacturers		50		Competition between manufacturers		50	
Nominal		20		Nominal		50	
Dual dev.		10		Dual dev.		200	
Dual dev. 15% Imp. T.O.C.		17		Dual dev. 15% Imp. T.O.C.		400	
						600	

• DATA INPUTS FOR :

on Costs : FAA

ment and

on Costs : FAA

DATA INPUTS FOR :

on Costs : PRC

ment and

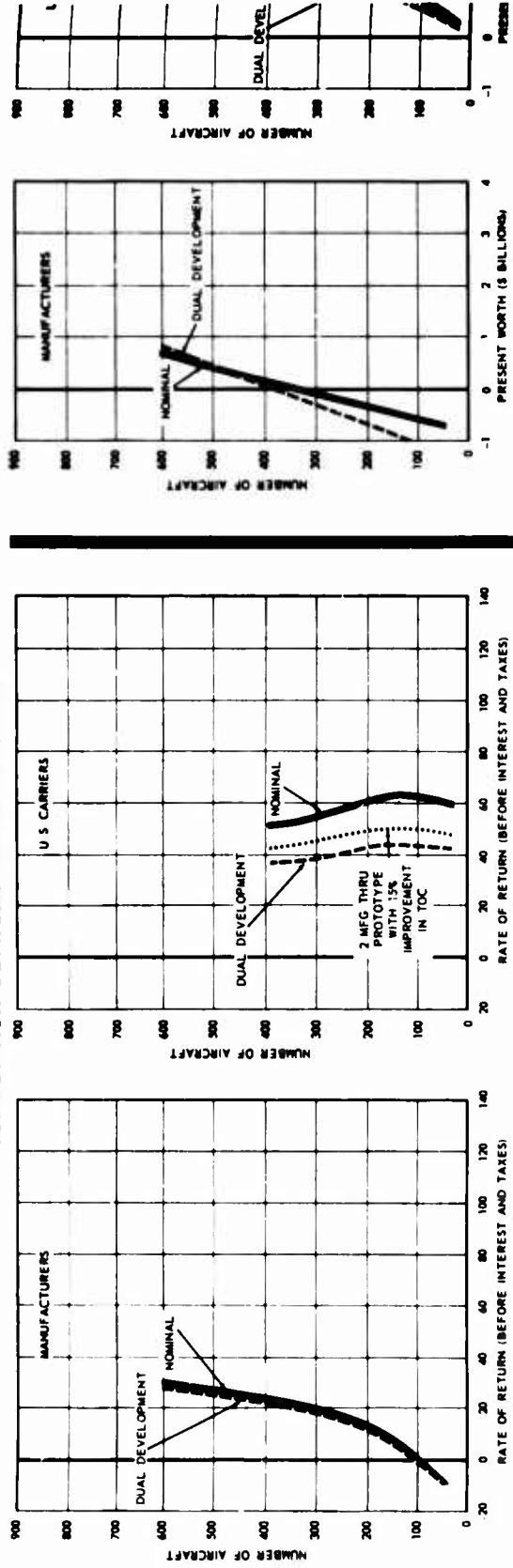
on Costs : ORI

SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : FAA**

Operating Costs : FAA

COMPETITION BETWEEN MANUFACTURERS



SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : PRC**

Operating Costs : ORI

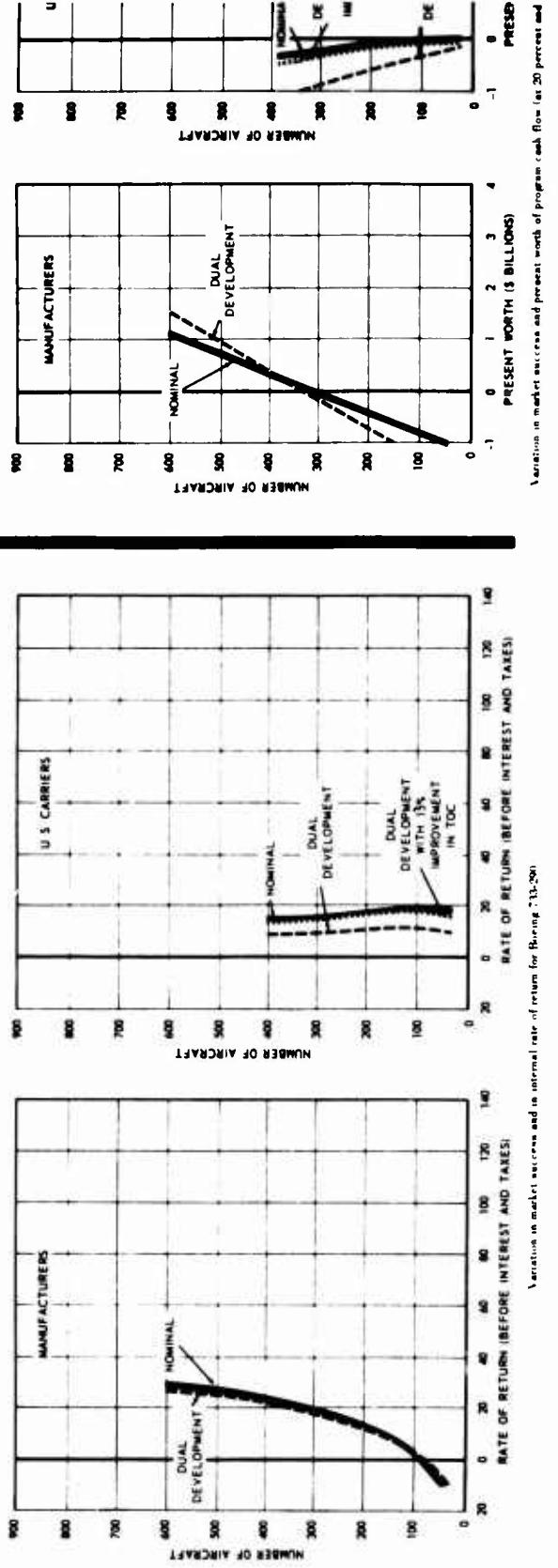
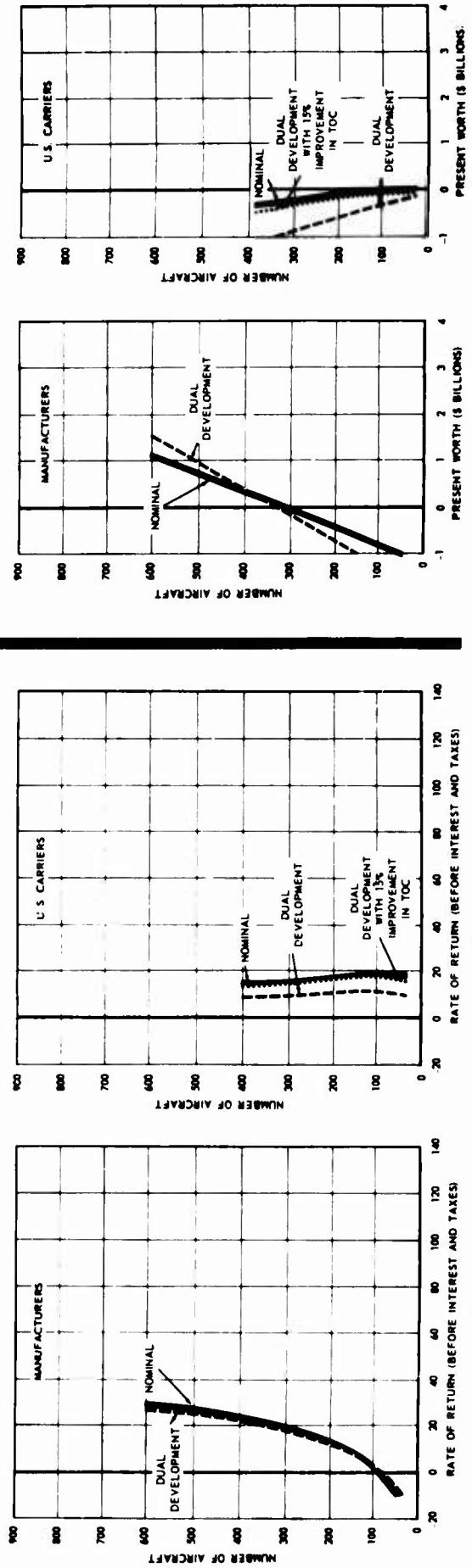
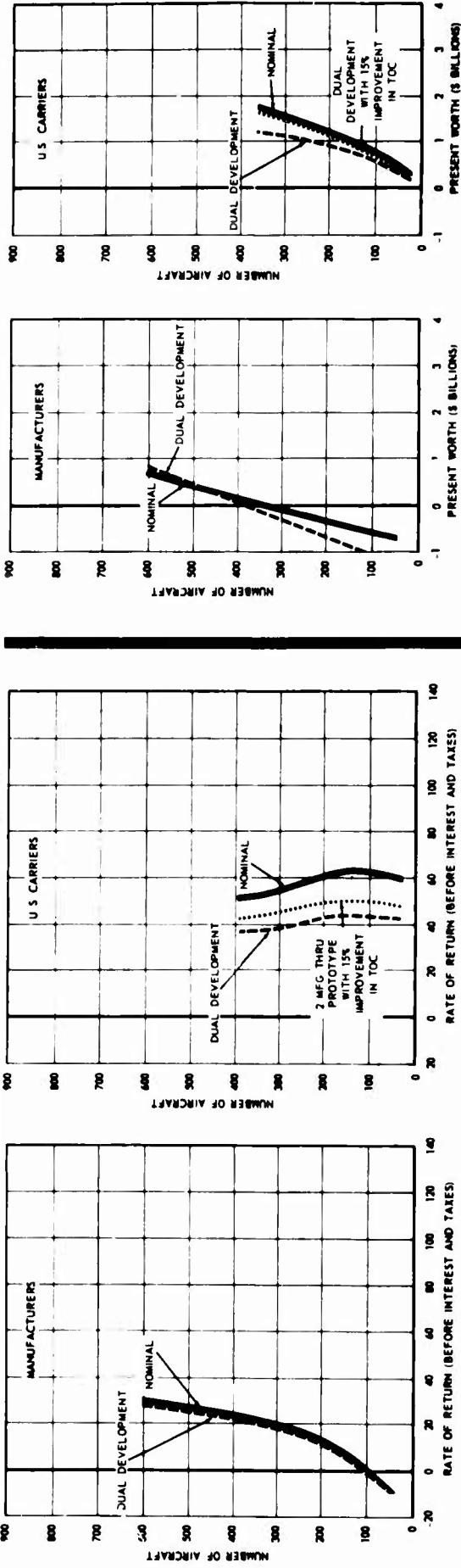


Figure S1.5. Sensitivity of SST Program Returns to Variation in Degree of Competition Between Manufacturers

S1-11

COMPETITION BETWEEN MANUFACTURERS



Variation in market success and present worth of program cash flow (at 20 percent and before taxes) for Boeing 737-200

Variation in market success and internal rate of return for Boeing 737-200

Figure S1.5. Sensitivity of SST Program Returns to Variation in Degree of Competition Between Manufacturers

Table S1.6. Sensitivity of SST Program Returns to Variation in Source of Development Funding

a. Variation in Market Success and in Internal Rate of Return for Boeing 733-290

b. Variation in Market Success and Present Worth of Program Cash Flow (at 20 percent and before taxes) for Boeing 733-2

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : FAA

Operating Costs : FAA

Source of Dev. Funding	Number of Aircraft			
	50	200	400	600
Nominal Priv.	59	62	58	51
Pub.	62	65	61	54
Dev. Subsidy	85	92	87	76

U.S. Carriers

Source of Dev. Funding	Number of Aircraft		
	50	200	400
Nominal Priv.	0.38	0.97	1.47
Pub.	0.40	1.00	1.52
Dev. Subsidy	0.48	1.19	1.84

Manufacturers

Source of Dev. Funding	Number of Aircraft		
	50	200	400
Nominal Priv.	20.0	20.0	18.0
Pub.	24.0	24.0	21.0
Dev. Subsidy	34.0	33.0	29.0
			26.0

U.S. Carriers

Source of Dev. Funding	Number of Aircraft		
	50	200	400
Nominal Priv.	0	0	-0.12
Pub.	0.05	0.10	0.05
Dev. Subsidy	0.14	0.30	0.35

Table S1.6. Sensitivity of SST Program Returns to Variation in Source of Development Funding

a. Variation in Market Success and in Internal Rate of Return for Boeing 733-290

b. Variation in Market Success and Present Worth of Program Cash Flow (at 20 percent and before taxes) for Boeing 733-290

OF DATA INPUTS FOR :

Operating Costs : FAA

U.S. Carriers

Source of Dev. Funding	Number of Aircraft				
	50	200	400	600	
Nominal Priv.	0.38	0.97	1.47	1.92	
	0.40	1.00	1.52	2.00	
	0.48	1.19	1.84	2.47	
Dev. Subsidy					

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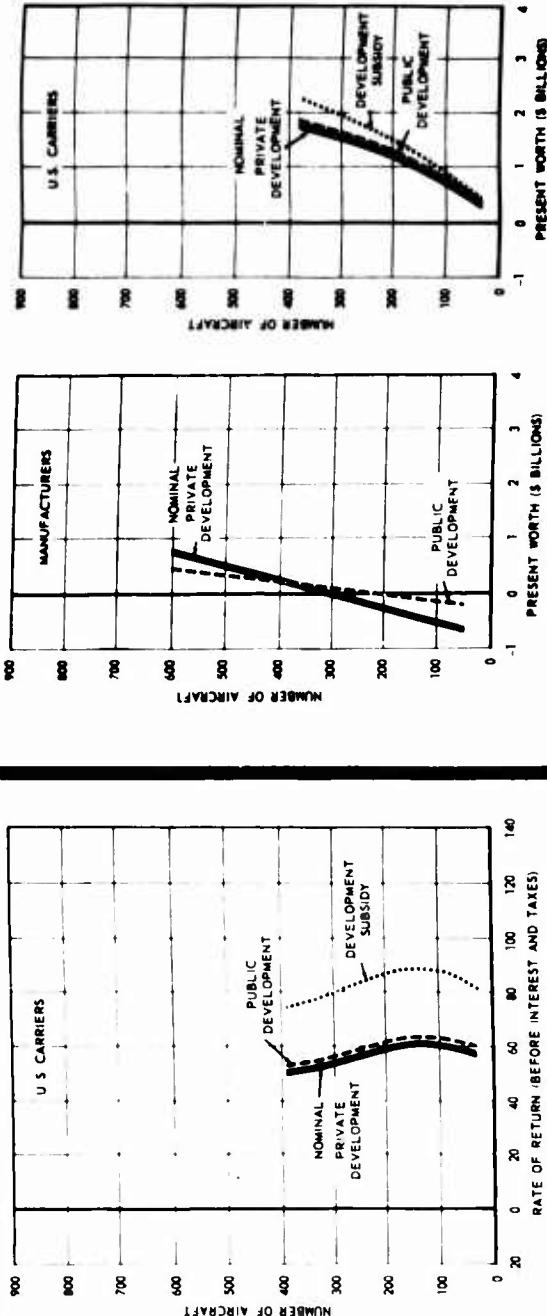
Operating Costs : ORI

Source of Dev. Funding	Number of Aircraft			
	50	200	400	600
Nominal Priv.	0	0	-0.12	-0.34
Pub.	0.05	0.10	0.05	-0.10
Dev. Subsidy	0.14	0.30	0.35	0.40

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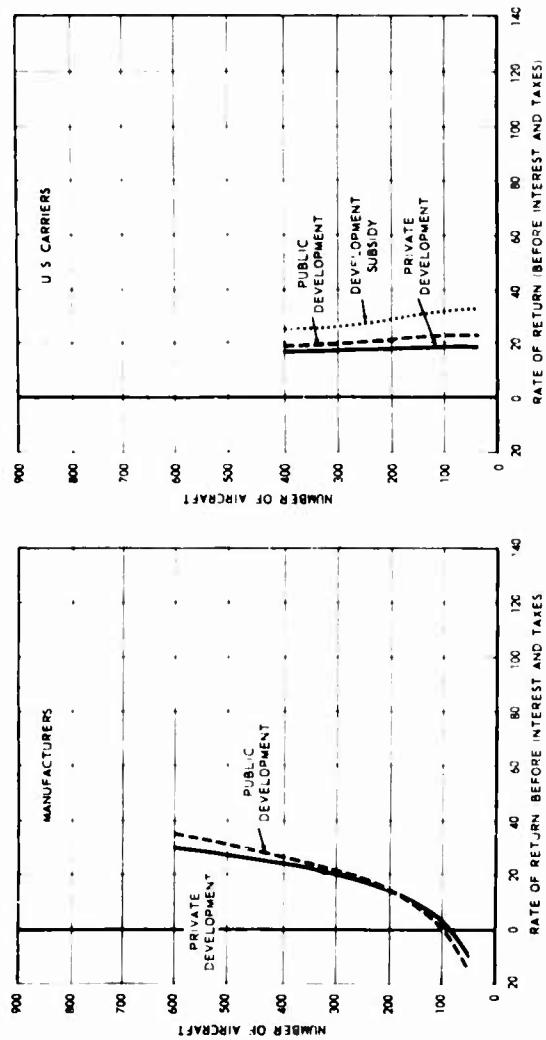
**Development and
Production Costs : FAA**
Operating Costs : FAA

SOURCE OF DEVELOPMENT FUNDING

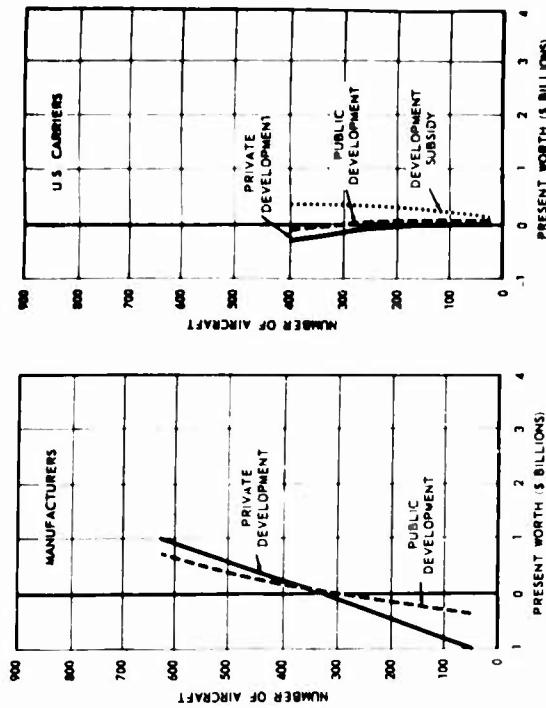


SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : PRC**
Operating Costs : ORI



SOURCE OF DEVELOPMENT FUNDING



Legend: Nominal, Private, Development, Public, Development, Subsidy

Figure S1.6. Sensitivity of SST Program Returns to Variation in Source of Development Funding

Table S1.7. Sensitivity of Program Returns to Variation in Utilization
 (in Terms of Rate of Return)

SOURCES OF DATA INPUTS FOR :

Production Costs : FAA or MFG

Operating Costs : FAA

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : PRC

Operating Costs : ORI

Table S1.7. Sensitivity of Program Returns to Variation in Utilization
 (in Terms of Rate of Return)

Manufacturers	Number of Aircraft			Number of Aircraft			Number of Aircraft			
	200	400	600	50	100	200	50	200	400	600
Nominal 9 hrs.	45	70	109	1	6	6	1	6	6	6
8 hrs.	45	70	109	-2	4	4	-2	4	4	4
10 hrs.	45	70	109	4	8	8	4	8	8	8
U.S. Carriers										
U.S. Carriers	Number of Aircraft			Utilization			Number of Aircraft			
	200	400	600	50	200	400	50	200	400	600
Nominal 9 hrs.	36	36	36	36	36	36	36	36	36	36
8 hrs.	31	32	31	31	32	31	31	32	31	31
10 hrs.	41	40	41	41	40	41	41	40	41	41

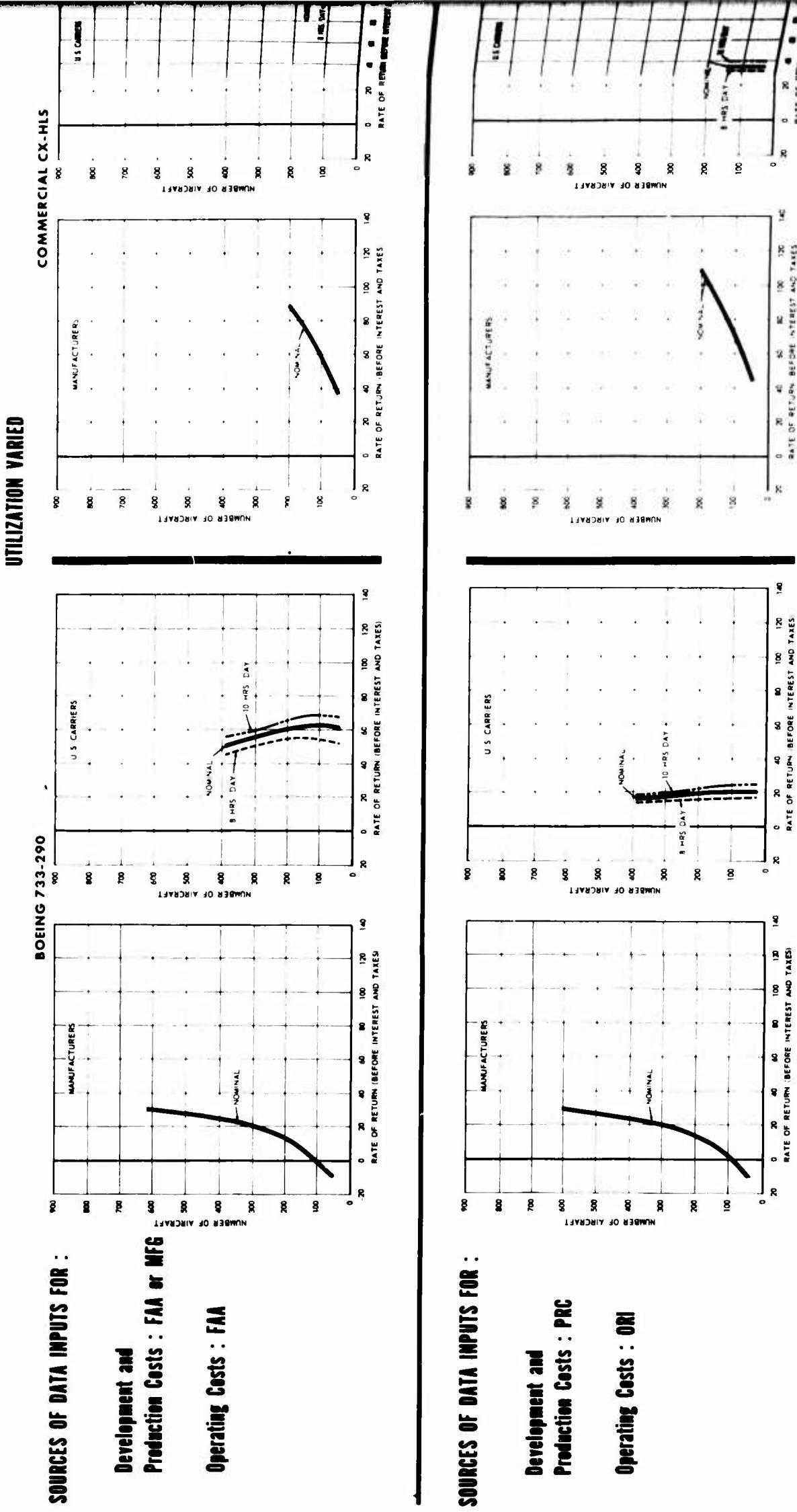


Figure S1.7. Sensitivity of Program Returns to Variation in Utilization
(in Terms of Rate of Return)

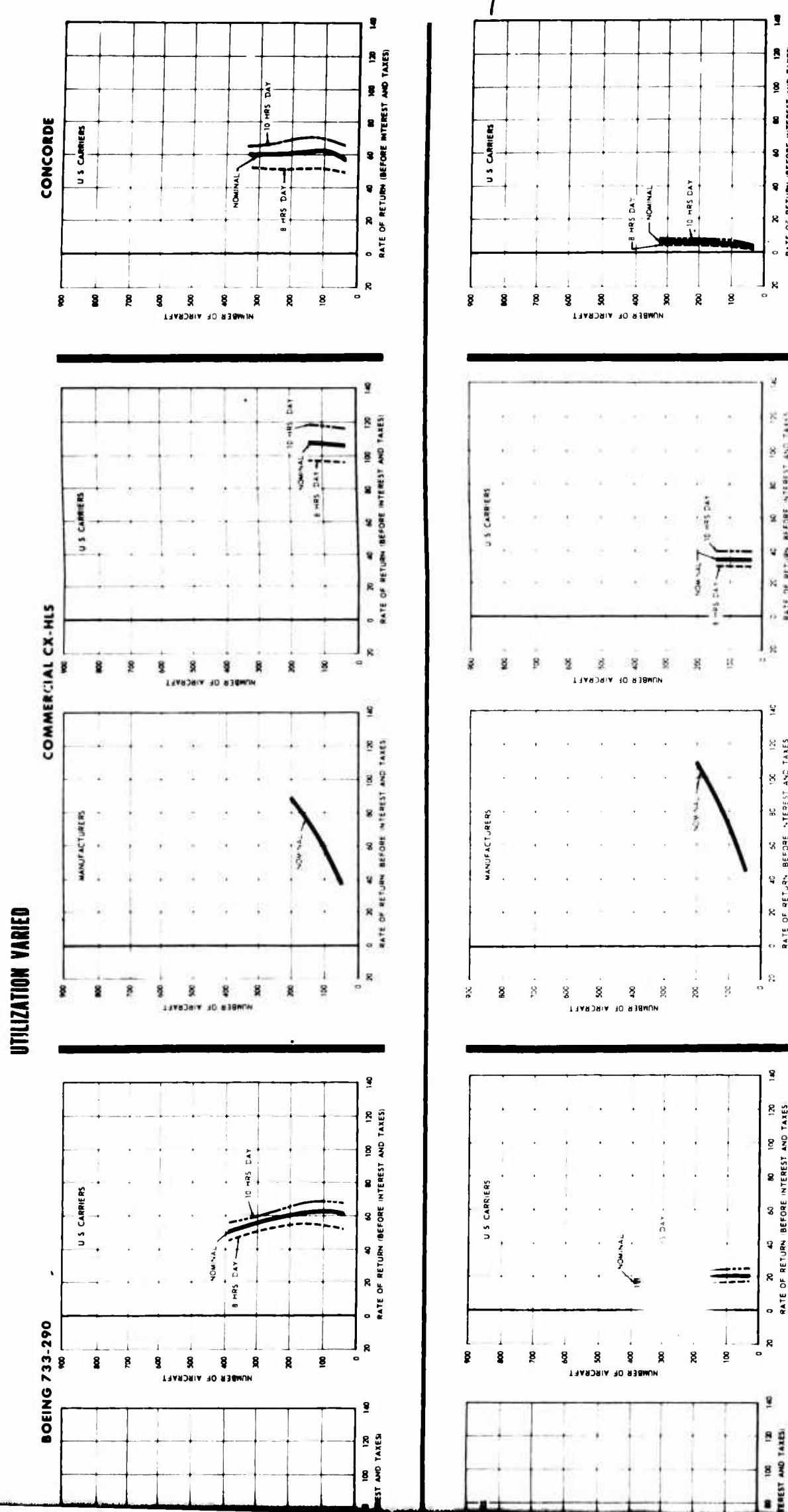


Figure S1.7. Sensitivity of Program Returns to Variation in Utilization
(in Terms of Rate of Return)

Table S1.8. Sensitivity of Program Returns to Variation in Utilization
(in Terms of Present Worth)

Table 9. Variation in Market Success and Present Worth of Project
Cash Flow (at 20 percent and before taxes)

Manufacturers	Present Worth (\$ Billions)	Boeing 733-290	Number of Aircraft				
			Utilization	50	200	400	600
Nominal 9 hrs.	-0.70	-0.31	0.20	0.71			
8 hrs.	-0.70	-0.31	0.20	0.71			
10 hrs.	-0.70	-0.31	0.20	0.71			

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : FAA or MFG

Operating Costs : FAA

Utilization	Number of Aircraft			
	50	200	400	600
Nominal 9 yrs.	0.38	0.97	1.47	1.92
8 hrs.	0.31	0.79	1.22	1.57
10 hrs.	0.46	1.18	1.78	2.21

SOURCES OF DATA INPUTS FOR :

Development and
Production Costs : PRC

		Number of Aircraft			
		50	200	400	600
Utilization					
Nominal 9 hrs.	50	-0.97	-0.42	0.31	1.04
	200	-0.97	-0.42	0.31	1.04
	400	-0.97	-0.42	0.31	1.04
8 hrs.	50	-0.97	-0.42	0.31	1.04
	200	-0.97	-0.42	0.31	1.04
	400	-0.97	-0.42	0.31	1.04
10 hrs.	50	-0.97	-0.42	0.31	1.04
	200	-0.97	-0.42	0.31	1.04
	400	-0.97	-0.42	0.31	1.04

Manufacturers	Utilization	Commercial CX-HLS			Number of Aircraft
		50	100	200	
Nominal 9 hrs.		0.01	0.05	0.12	
8 hrs.		0.01	0.05	0.12	
10 hrs.		0.01	0.05	0.12	

U.S. Carriers	Utilization	Commercial CX-HLS			Number of Aircraft
		50	100	200	
Nominal 9 hrs.		0.49	0.90	1.52	
8 hrs.		0.42	0.78	1.28	
10 hrs.		0.55	1.01	1.73	

Utilization	Number of Aircraft			
	50	200	400	600
Nominal 9 hrs.	0	0	-0.12	-0.34
9 hrs.	-0.05	-0.13	-0.23	-0.55
10 hrs.	0.06	0.13	0.05	-0.13

Table S1.8. Sensitivity of Program Returns to Variation in Utilization
(in Terms of Present Worth)

Table 9. Variation in Market Success and Present Worth of Program
Cash Flow (at 20 percent and before taxes)

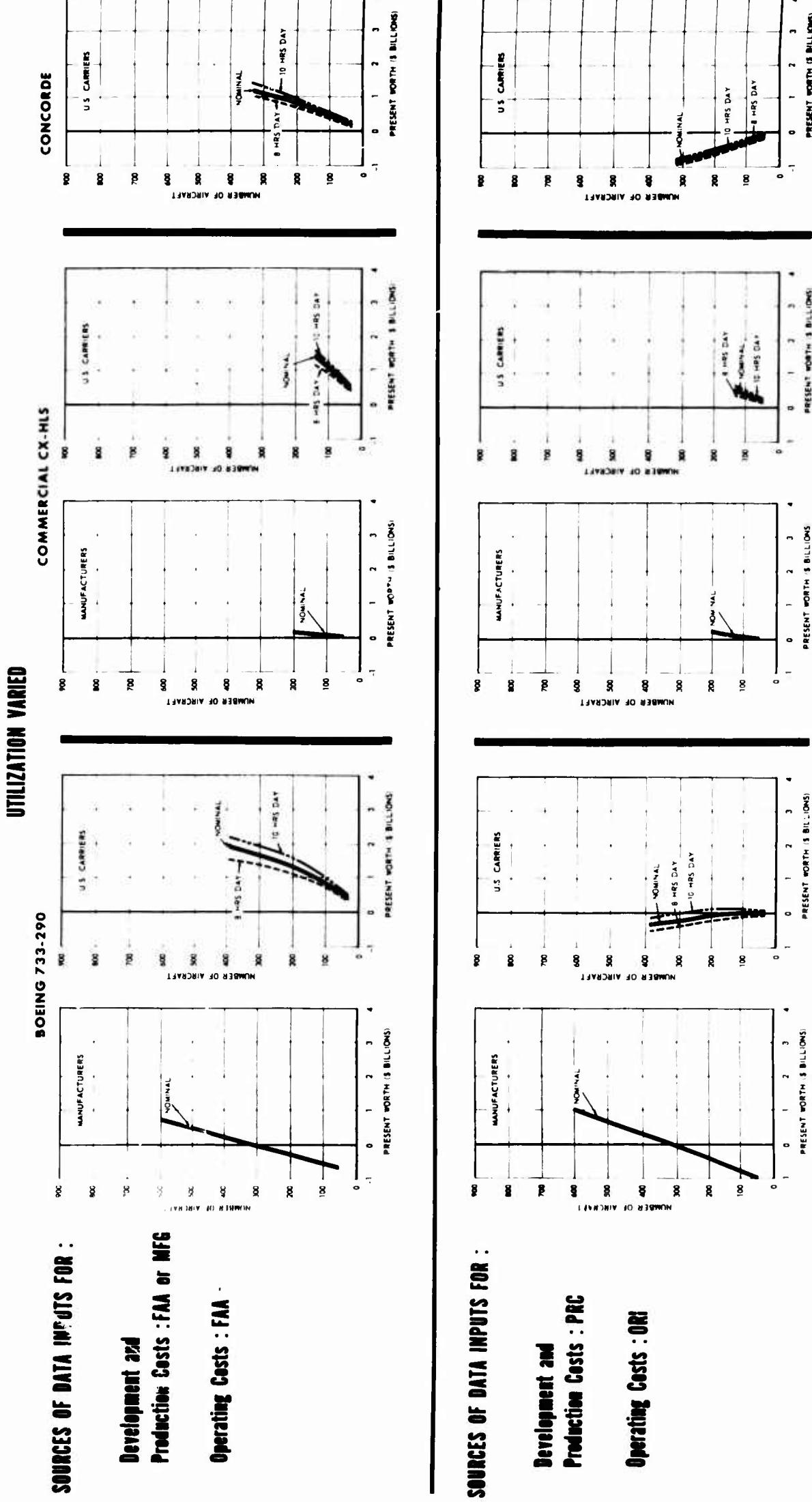


Figure S1.8. Sensitivity of Program Returns to Variation in Utilization
(in Terms of Present Worth)

Table S1.9. Sensitivity of Program Returns to Variation in Load Factor
(in Terms of Rate of Return)

Table 10 Variation in Market Success and in Efficiency

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : FAA or MFG

Operating Costs : FAA

U.S. Carriers
U. S. Commission

SOURCES OF DATA INPUTS FOR :

U.S. Carriers

**Development and
Production Costs : PRC**

Operating Costs : ORI

**Table S1.9. Sensitivity of Program Returns to Variation in Load Factor
(in Terms of Rate of Return)**

Table 10. Variation in Market Success and in Internal Rate of Return

Return on Investment			Concorde		
Manufacturers			Commercial CX-HLS		
Number of Aircraft			Number of Aircraft		
200	400	600	50	100	200
14	24	29	37.0	59.0	87.0
14	24	29	37.0	59.0	87.0
14	24	29	37.0	59.0	87.0
U.S. Carriers			Number of Aircraft		
200	400	600	50	100	200
62	58	51	106.0	107.0	108.0
57	53	46	100.0	101.0	97.0
67	63	55	113.0	114.0	114.0
Manufacturers			Number of Aircraft		
200	400	600	50	100	200
14.0	24.0	30.0	45	70	109
14.0	24.0	30.0	45	70	109
14.0	24.0	30.0	45	70	109
U.S. Carriers			Number of Aircraft		
200	400	600	50	100	200
20.0	18.0	17.0	36	36	6
18.0	16.0	14.0	33	33	6
23.0	21.0	19.0	39	39	8
Number of Aircraft			Number of Aircraft		
200	400	600	50	100	200

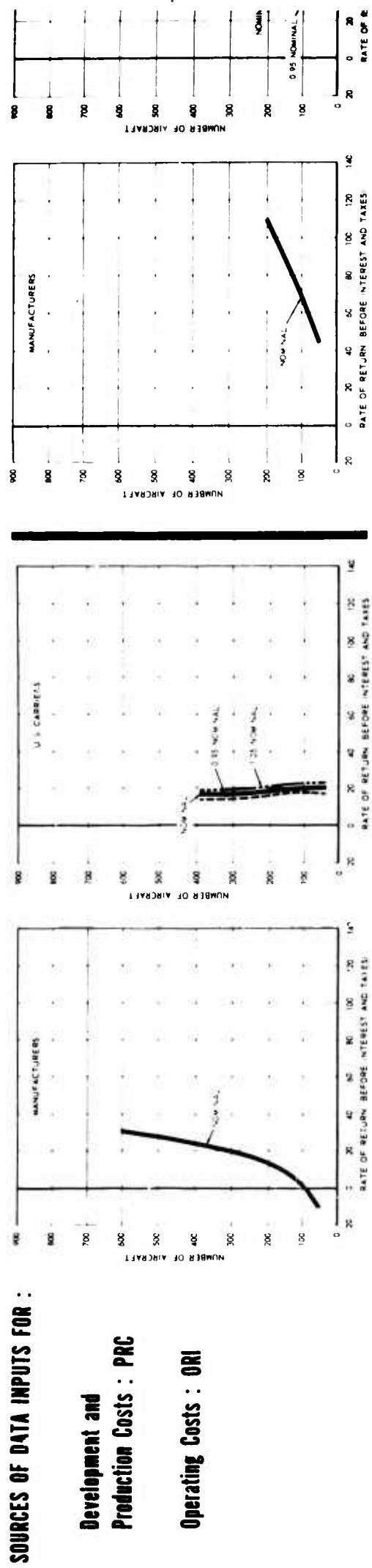
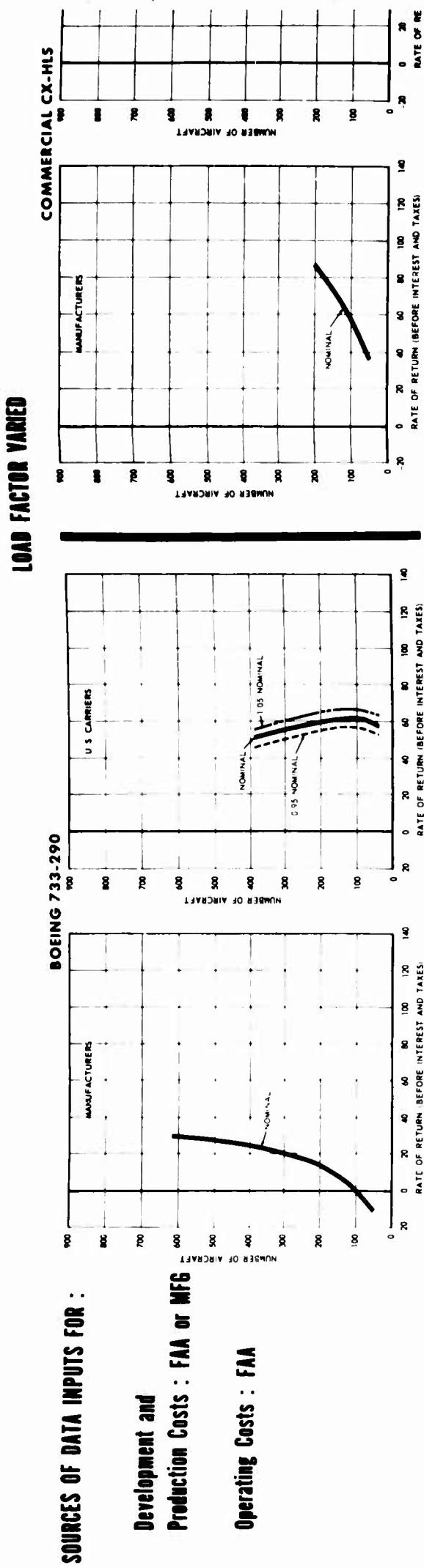
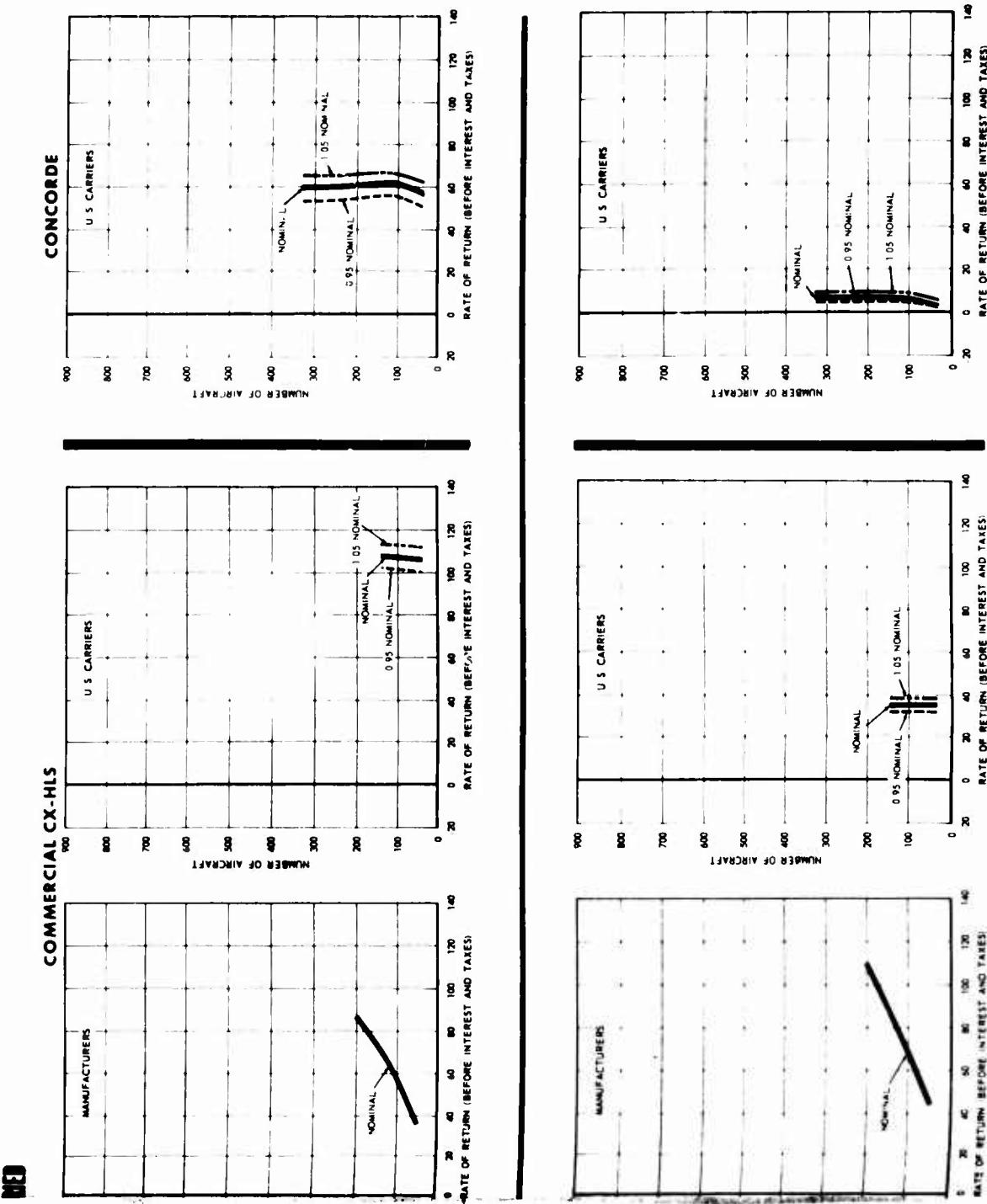


Figure S1.9. Sensitivity of Program Returns to Variation in Load Factor
(in Terms of Rate of Return)



Graphs showing the variation in load factor of return (of Return) versus Variation in Load Factor of Return.

Table S1.10. Sensitivity of Program Returns to Variation in Load Factor
(in Terms of Present Worth)

Table 11. Variation in Market Success and Free Cash Flow (at 20 percent and before taxes)

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : FAA or MFG

Operating Costs : FAA

SOURCES OF DATA INPUTS FOR :

Production Costs : PRC

Production Costs : PRC

Operating Costs : ORI

Load Factor	50	100	200
Nominal 1.00	0.03	0.10	0.23
0.95	0.03	0.10	0.23
1.05	0.03	0.10	0.23

U.S. Carriers

5.1.10. Sensitivity of Program Returns to Variation in Load Factor (in Terms of Present Worth)

Table 11. Variation in Market Success and Present Worth of Program Cash Flow (at 20 percent and before taxes)

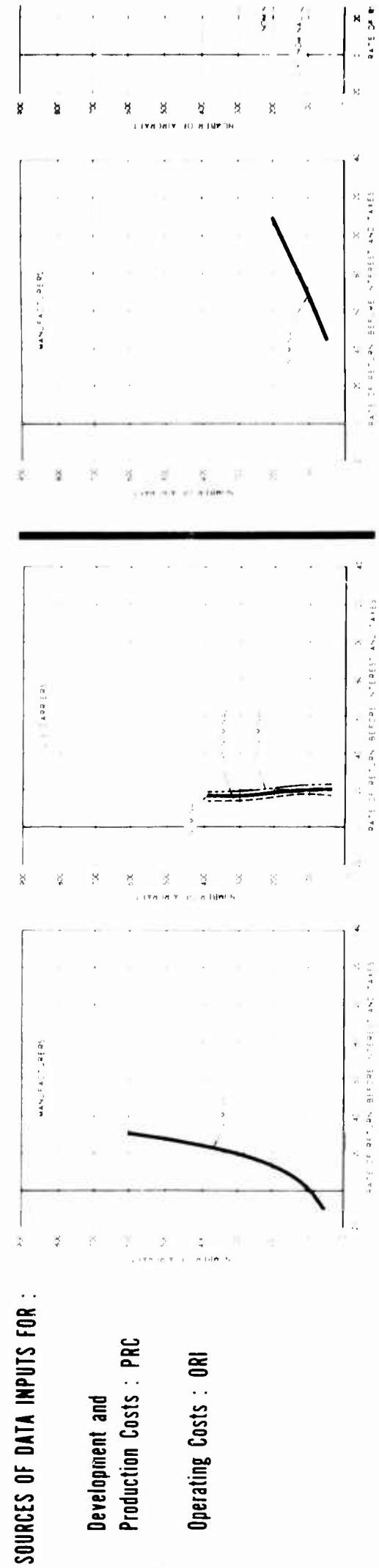
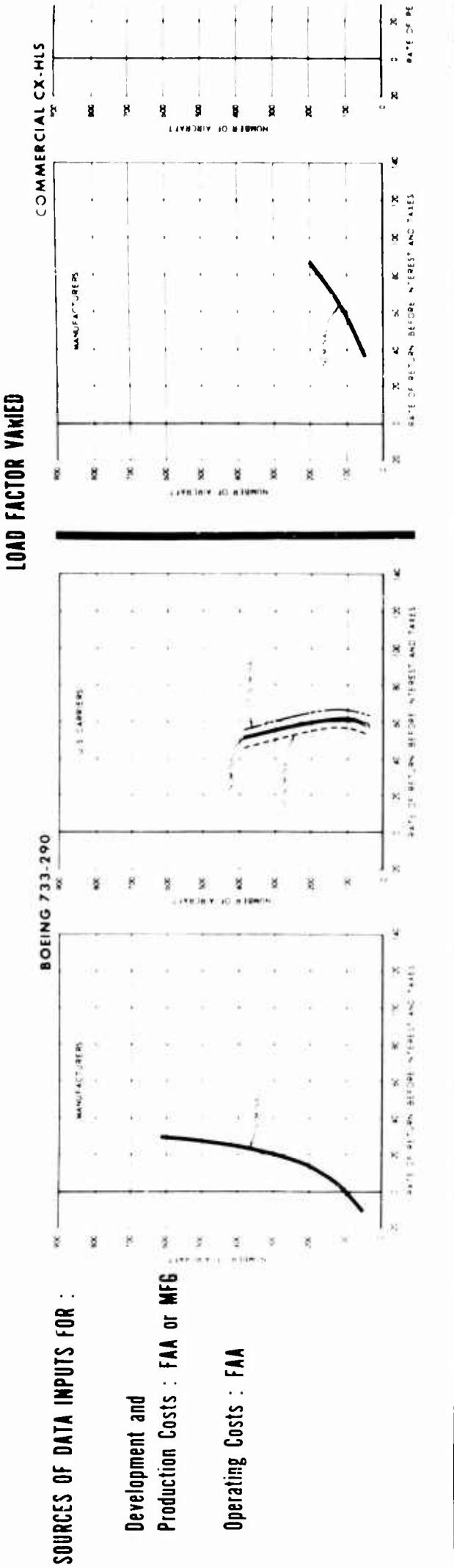
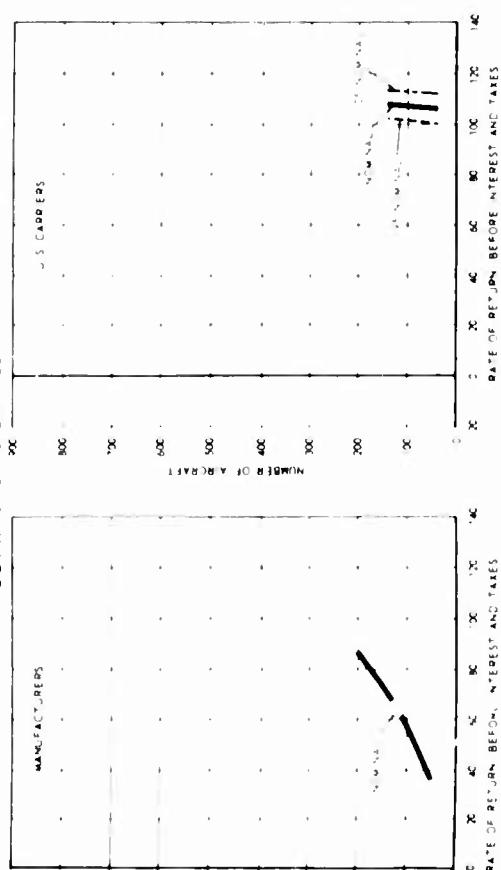


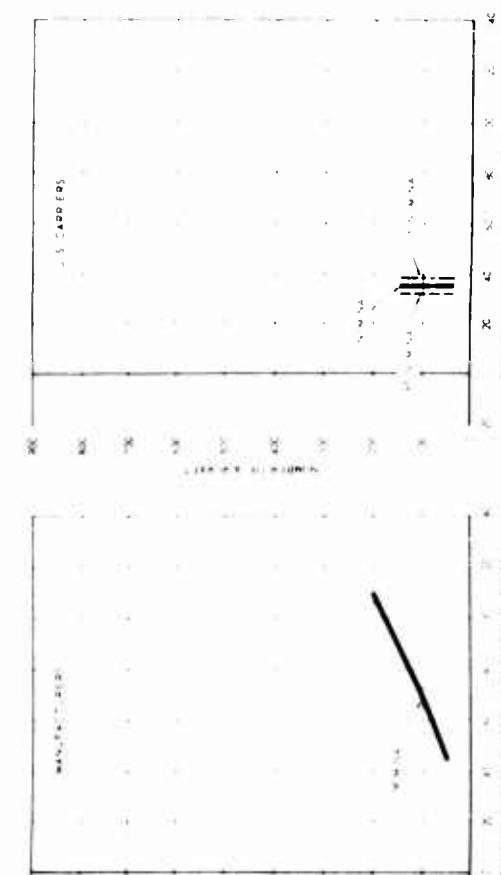
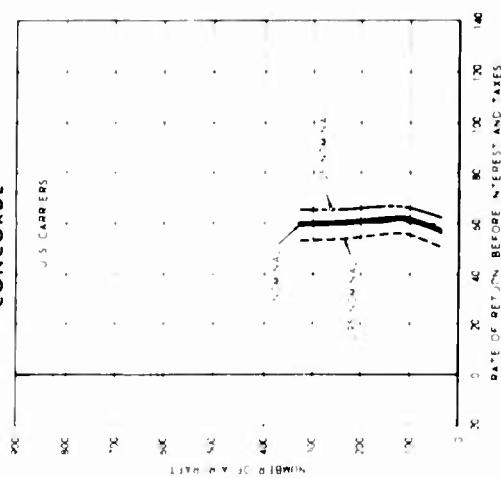
Figure S1.9. Sensitivity of Program Returns to Variation in Load Factor
(in Terms of Rate of Return)

RIED

COMMERCIAL CX-HLS



CONCORDE



Graph of rate of return before interest and taxes

Graph of rate of return before interest and taxes

Graphs to Variation in Load Factor
of Return)

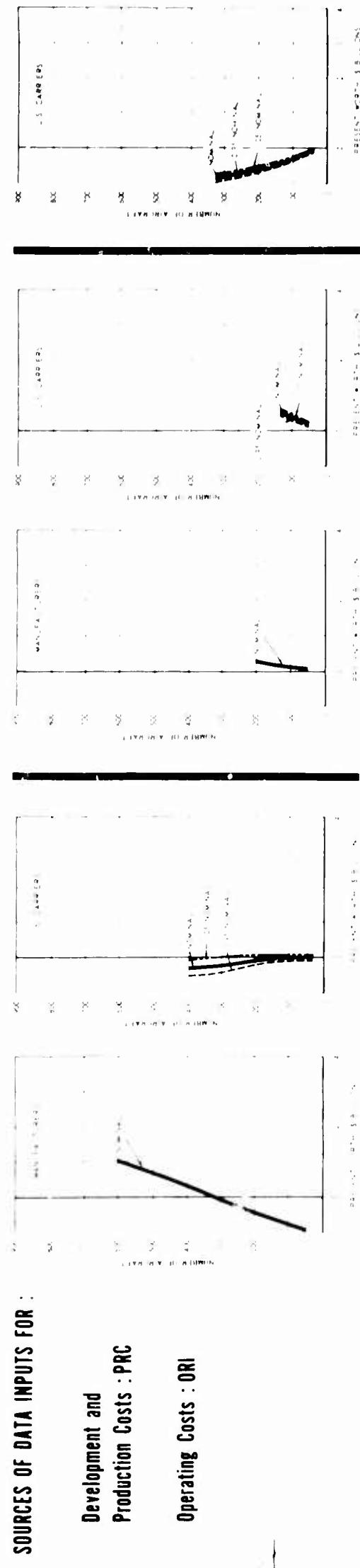
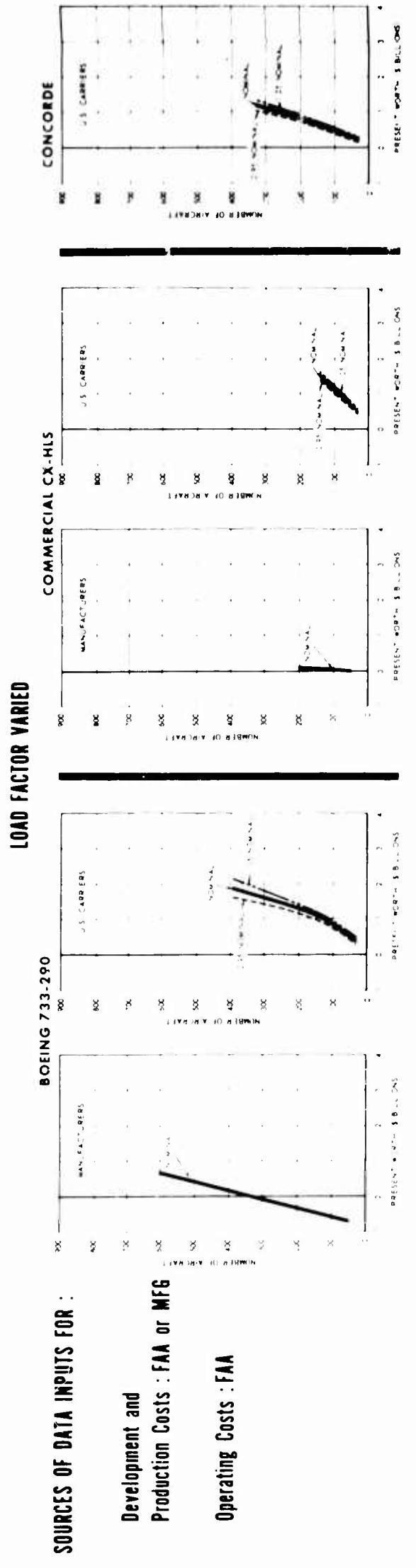


Figure S1.10. Sensitivity of Program Returns to Variation in Load Factor
(in Terms of Present Worth)

Table S1.11. Sensitivity of Program Returns to Variation in Fare
(in Terms of Rate of Return)

Return on Investment	
Boeing 777-29A	
Manufacturers	Fare
Nominal 1.1 present fare	500
-11	14
1.0	14
0.9	14
0.8	14
0.7	14
0.6	14
0.5	14
0.4	14
0.3	14
0.2	14
0.1	14
-10	14
-9	14
-8	14
-7	14
-6	14
-5	14
-4	14
-3	14
-2	14
-1	14
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100	14

SOURCES OF DATA INPUTS FOR :

Production Costs : FAA or MFG

Operating Costs : FAA

Development and

SOURCES OF DATA INPUTS FOR :

Production Costs : PRC

Development and

Operating Costs : ORI

Return on Investment	
Catering (CN-HIS)	
Manufacturers	Fare
Nominal 1.1 present fare	500
-11	54
1.0	54
0.9	54
0.8	54
0.7	54
0.6	54
0.5	54
0.4	54
0.3	54
0.2	54
0.1	54
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97	54
98	54
99	54
100	54

Table 1.12. Variation in Market Success and in Internal Rate of Return

Return on Investment	
Catering (CN-HIS)	
Manufacturers	Fare
Nominal 1.1 present fare	500
-11	54
1.0	54
0.9	54
0.8	54
0.7	54
0.6	54
0.5	54
0.4	54
0.3	54
0.2	54
0.1	54
-10	54
-9	54
-8	54
-7	54
-6	54
-5	54
-4	54
-3	54
-2	54
-1	54
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93	54
94	54
95	54
96	54
97	54
98	54
99	54
100	54

Return on Investment	
Catering (CN-HIS)	
Manufacturers	Fare
Nominal 1.1 present fare	500
-11	54
1.0	54
0.9	54
0.8	54
0.7	54
0.6	54
0.5	54
0.4	54
0.3	54
0.2	54
0.1	54
-10	54
-9	54
-8	54
-7	54
-6	54
-5	54
-4	54
-3	54
-2	54
-1	54
0	54
1	54
2	54
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Table S1.11. Sensitivity of Program Returns to Variation in Fare
(In Terms of Rate of Return)

Table 12. Variation in Market Success and in Internal Rate of Return
(in Terms of Rate of Return)

n	Return on Investment		
	Manufacturers	Commercial CX-HLS	Concorde
Number of Aircraft	Number of Aircraft		
200	400	600	
14	24	29	
14	24	29	
14	24	29	
200	400	600	
62	58	51	
51	47	42	
40	37	33	

U.S. Carriers

Number of Aircraft	Number of Aircraft			
	Fare	50	100	200
200	Nominal 0.9 present fare	106	107	108
62	0.5	30	30	30
51	0.7	70	70	70
40	0.8	88	89	89

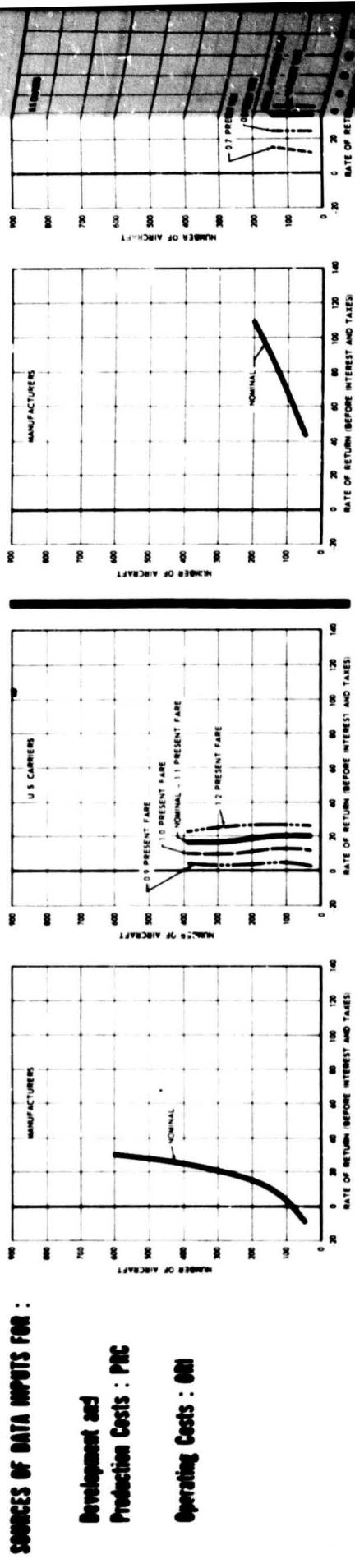
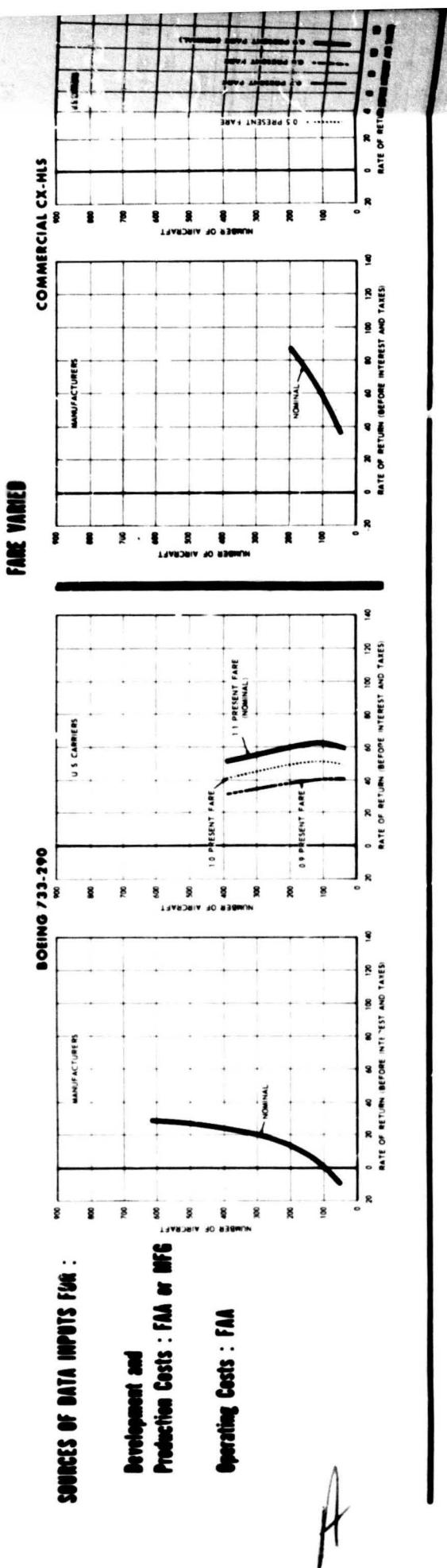
Number of Aircraft	Number of Aircraft			
	Fare	50	100	200
200	Nominal 1.1 present fare	57	62	60
62	1.0	46	50	48
51	1.15	62	68	66
40	1.20	67	74	72

U.S. Carriers

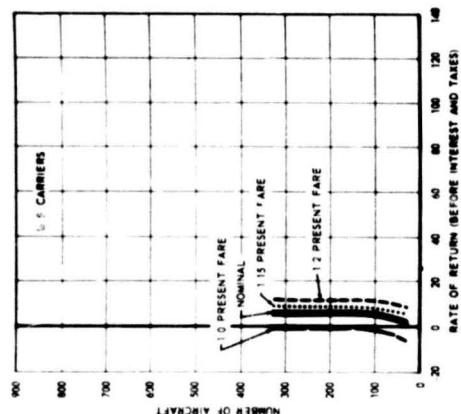
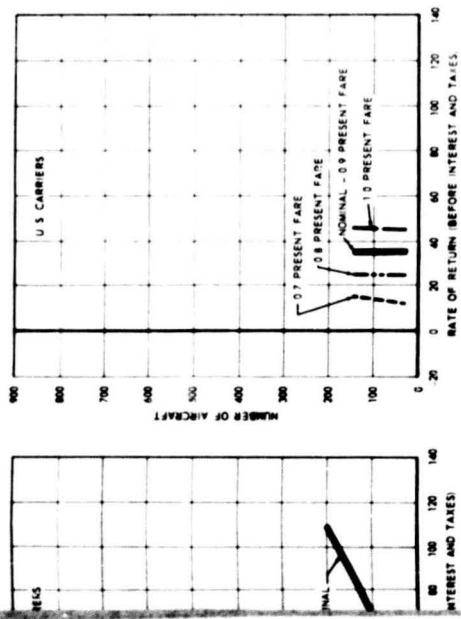
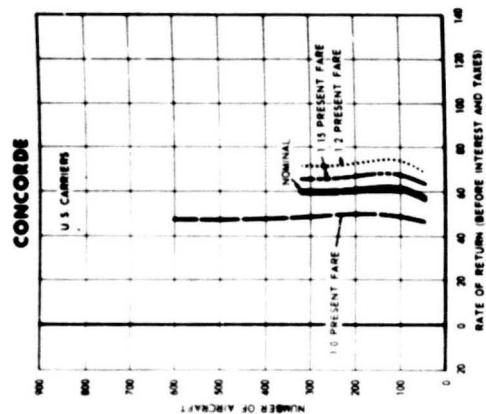
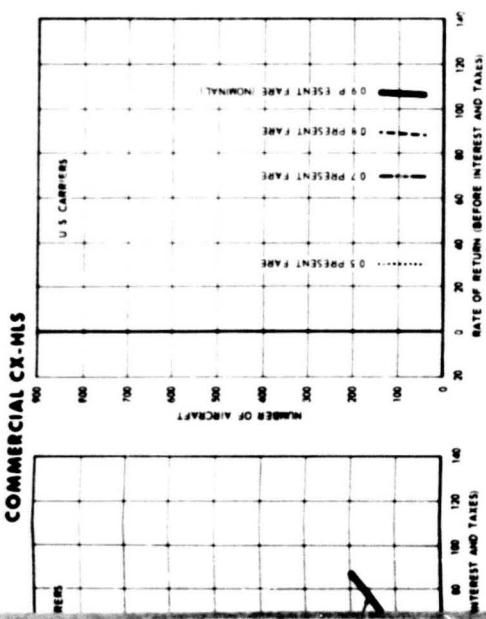
Number of Aircraft	Number of Aircraft			
	Fare	50	100	200
200	Nominal 1.1 present fare	1	6	6
62	1.00	-7	-1	-1
51	1.15	5	9	9
40	1.20	8	12	12

U.S. Carriers

Number of Aircraft	Number of Aircraft			
	Fare	50	100	200
200	Nominal 0.9 present fare	36	36	36
62	0.5	-49	-46	-46
51	0.7	13	14	15
40	0.8	25	25	26
	1.0	46	46	46



**Figure S1.11. Sensitivity of Program Returns to Variation in Fare
(in Terms of Rate of Return)**



in Fare

**Table S1.12. Sensitivity of Program Returns to Variation in Fare
(in Terms of Present Worth)**

Present Worth (\$ Billions)		Number of Aircraft		Fare		Number of Aircraft		Fare		Number of Aircraft		Fare	
Manufacturers		Commercial CX-HLS		Manufacturers		Commercial CX-HLS		Manufacturers		Commercial CX-HLS		Manufacturers	
Boeing 733-290		50	200	400	600	Nominal 0.9		50	200	400	600	Nominal 0.9	
Nominal 1.1 present fare	-0.70	-0.31	-0.20	-0.71		Nominal 0.9		Nominal 0.9	-0.31	-0.20	-0.71	Nominal 0.9	
1.0	-0.70	-0.31	-0.20	-0.71		0.5		0.5	-0.31	-0.20	-0.71	0.5	
0.9	-0.70	-0.31	-0.20	-0.71		0.7		0.7	-0.31	-0.20	-0.71	0.7	
						0.8		0.8	-0.31	-0.20	-0.71	0.8	
						0.9		0.9	-0.31	-0.20	-0.71	0.9	

SOURCES OF DATA INPUTS FOR : Development and Production Costs : FAA or MFG

Operating Costs : FAA

Development and Production Costs : PRC

SOURCES OF DATA INPUTS FOR : Development and Production Costs : ORI

Present Worth (\$ Billions)		Number of Aircraft		Fare		Number of Aircraft		Fare		Number of Aircraft		Fare	
Manufacturers		Commercial CX-HLS		Manufacturers		Commercial CX-HLS		Manufacturers		Commercial CX-HLS		Manufacturers	
Boeing 733-290		50	200	400	600	Nominal 0.9 present fare		Nominal 0.9 present fare	-0.31	-0.20	-0.71	Nominal 0.9 present fare	
Nominal 1.1 present fare	0.38	0.97	1.47	1.92		0.5		0.5	0.97	1.47	1.92	0.5	
1.0	0.28	0.72	1.06	1.34		0.7		0.7	0.72	1.06	1.34	0.7	
0.9	0.18	0.46	0.65	0.77		0.8		0.8	0.46	0.65	0.77	0.8	
						0.9		0.9	-0.42	-0.42	-0.42	0.9	
						1.0		1.0	-0.42	-0.42	-0.42	1.0	

Present Worth (\$ Billions)		Number of Aircraft		Fare		Number of Aircraft		Fare		Number of Aircraft		Fare	
Manufacturers		Commercial CX-HLS		Manufacturers		Commercial CX-HLS		Manufacturers		Commercial CX-HLS		Manufacturers	
Boeing 733-290		50	200	400	600	Nominal 0.9		Nominal 0.9	-0.31	-0.20	-0.71	Nominal 0.9	
Nominal 1.1 present fare	-0.98	-0.42	0.31	1.04		0.5		0.5	-0.42	-0.42	-0.42	0.5	
1.2	-0.98	-0.42	0.31	1.04		0.7		0.7	-0.42	-0.42	-0.42	0.7	
1.0	-0.98	-0.42	0.31	1.04		0.8		0.8	-0.42	-0.42	-0.42	0.8	
0.9	-0.98	-0.42	0.31	1.04		1.0		1.0	-0.42	-0.42	-0.42	1.0	

Present Worth (\$ Billions)		Number of Aircraft		Fare		Number of Aircraft		Fare		Number of Aircraft		Fare	
Manufacturers		Commercial CX-HLS		Manufacturers		Commercial CX-HLS		Manufacturers		Commercial CX-HLS		Manufacturers	
Boeing 733-290		50	200	400	600	Nominal 0.9 present fare		Nominal 0.9 present fare	-0.31	-0.20	-0.71	Nominal 0.9 present fare	
Nominal 1.1 present fare	0	0	-0.12	-0.34		0.5		0.5	0	-0.12	-0.34	0.5	
1.2	0.10	0.25	0.29	0.24		0.7		0.7	0.10	0.25	0.29	0.24	
1.0	-0.10	-0.26	-0.53	-0.51		0.8		0.8	-0.10	-0.26	-0.53	-0.51	
0.9	-0.20	-0.51	-0.93	-1.48		1.0		1.0	-0.20	-0.51	-0.93	-1.48	

S1.12. Sensitivity of Program Returns to Variation in Fare
(in Terms of Present Worth)

Table 13. Variation in Market Success and Present Worth of Program
Cash Flow (at 20 percent and before taxes)

Present Worth (\$ Billions)

Commercial CX-HLS

Aircraft	Fare	Number of Aircraft		
		50	100	200
400	6.00			
-0.20	-0.71	0.01	0.05	0.12
-0.20	-0.71	0.01	0.05	0.12
-0.20	-0.71	0.01	0.05	0.12
-0.20	-0.71	0.01	0.05	0.12

U.S. Carriers

Aircraft	Fare	Number of Aircraft		
		50	100	200
Nominal 0.9		0.49	0.89	1.52
Nominal 0.9 present fare		0.05	0.09	0.16
0.5		0.27	0.49	0.84
0.7		0.38	0.69	1.18
0.8				

U.S. Carriers

Aircraft	Fare	Number of Aircraft		
		50	200	400
Nominal 1.10 present fare		0.21	0.56	0.89
1.00		0.148	0.404	0.633
1.15		0.24	0.64	1.02
1.20		0.27	0.72	1.15

Concorde

Aircraft	Fare	Number of Aircraft		
		50	200	600
Nominal 1.10 present fare		0.19	0.40	0.67
1.00		0.26	0.56	0.93
1.15		0.10	0.32	0.54
1.20		0.13	0.24	0.41

U.S. Carriers

Aircraft	Fare	Number of Aircraft		
		50	100	200
Nominal 0.9 present fare		0.03	0.10	0.23
0.5		0.03	0.10	0.23
0.7		0.03	0.10	0.23
0.8		0.03	0.10	0.23
1.0		0.03	0.10	0.23

Manufacturers

Aircraft	Fare	Number of Aircraft		
		50	200	400
Nominal 1.10 present fare		0.15	0.29	0.50
0.5		-0.29	-0.52	-0.86
0.7		-0.07	-0.11	-0.18
0.8		0.04	0.09	0.16
1.0		0.26	0.49	0.84

U.S. Carriers

Aircraft	Fare	Number of Aircraft		
		50	200	600
Nominal 1.10 present fare		-0.19	-0.40	-0.67
1.00		-0.26	-0.56	-0.93
1.15		-0.10	-0.32	-0.54
1.20		-0.13	-0.24	-0.41

Aircraft	Fare	Number of Aircraft		
		50	200	400
-0.12	-0.34	0.19	0.40	0.67
0.29	0.24	-0.26	-0.56	-0.93
-0.53	-0.91	-0.07	-0.11	-0.18
-0.93	-1.48	0.04	0.09	0.16
1.0		0.26	0.49	0.84

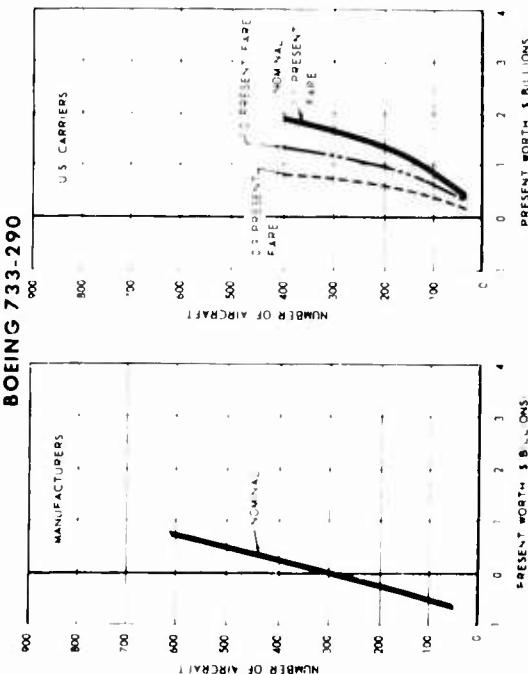
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SOURCES OF DATA INPUTS FOR :

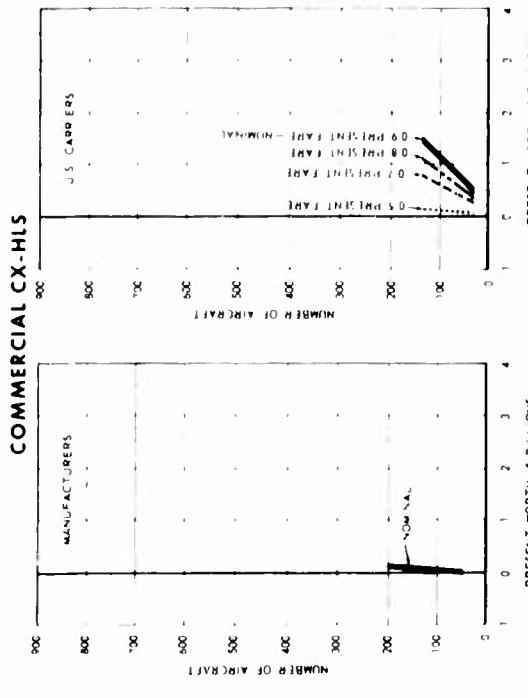
Development and Production Costs : FAA or MFG

Operating Costs : FAA

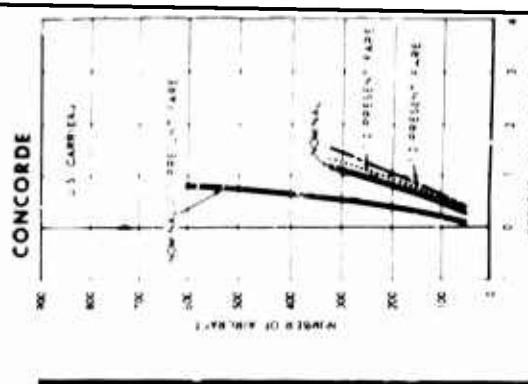
BOEING 733-290



COMMERCIAL CX-HLS



CONCORDE



SOURCES OF DATA INPUTS FOR :

Development and Production Costs : PRC

Operating Costs : ORI

U.S. CARRIERS



NUMBER OF AIRCRAFT



U.S. CARRIERS



NUMBER OF AIRCRAFT



U.S. CARRIERS



NUMBER OF AIRCRAFT



Figure S1.12. Sensitivity of Program Returns to Variation in Fare
(in Terms of Present Worth)

Table S1.13. Sensitivity of Program (in Terms of

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Return on Investment

Boeing 733-290

Manufacturers

SOURCES OF DATA INPUTS FOR :

Development and

Production Costs : FAA or MFG

Operating Costs : FAA

		Number of Aircraft			
		50	200	400	600
Sales price					
Nominal	1.00	59.0	62.0	58.0	51.0
	1.05	55.0	58.0	54.0	48.0
	0.95	62.0	66.0	62.0	54.0

Program Returns to Variation in Sales' Price
(of Rate of Return)

Table 14. Variations in Market Success and in Internal Rate of Return

Manufacturers	Sales price	Return on Investment		
		Commercial CX-HLS	Concorde	
Nominal 1.00	37.0	59.0	87.0	
1.05	52.0	74.0	105.0	
0.95	23.0	45.0	71.0	
—	—	—	—	
U.S. Carriers				

Sales price	Number of Aircraft		
	50	100	200
Nominal 1.00	106.0	107.0	108.0
1.05	101.0	102.0	103.0
0.95	112.0	113.0	113.0
—	—	—	—
U.S. Carriers			

Sales price	Number of Aircraft		
	50	100	200
Nominal 1.00	57	62	60
1.05	53	58	56
0.95	61	66	65
—	—	—	—
U.S. Carriers			

SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : FAA or MFG**

Operating Costs : FAA

BOEING 733-290

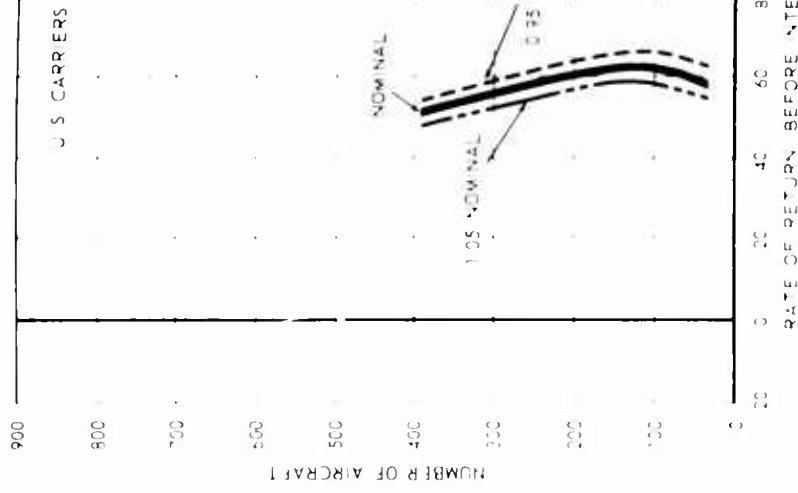
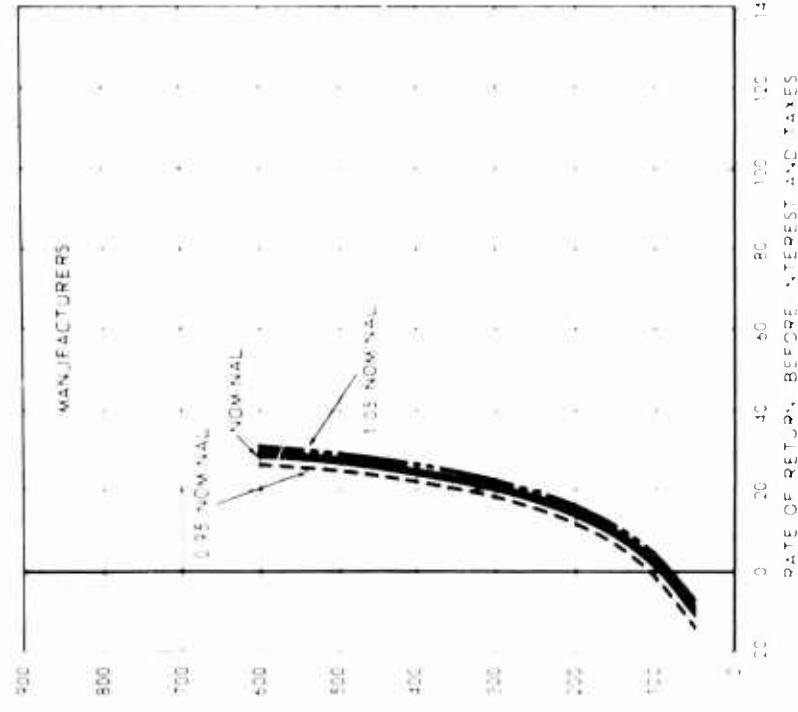
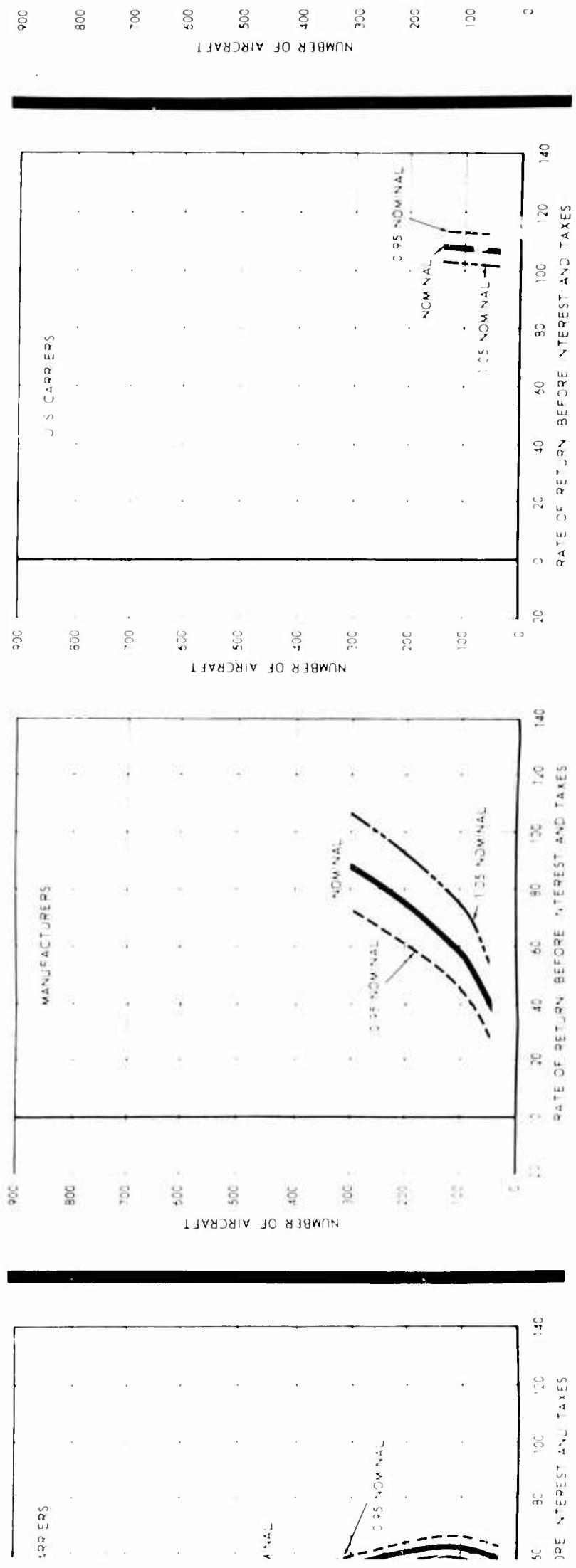


Figure S1.13. Sensitivity of Program
(in Terms of Cost)

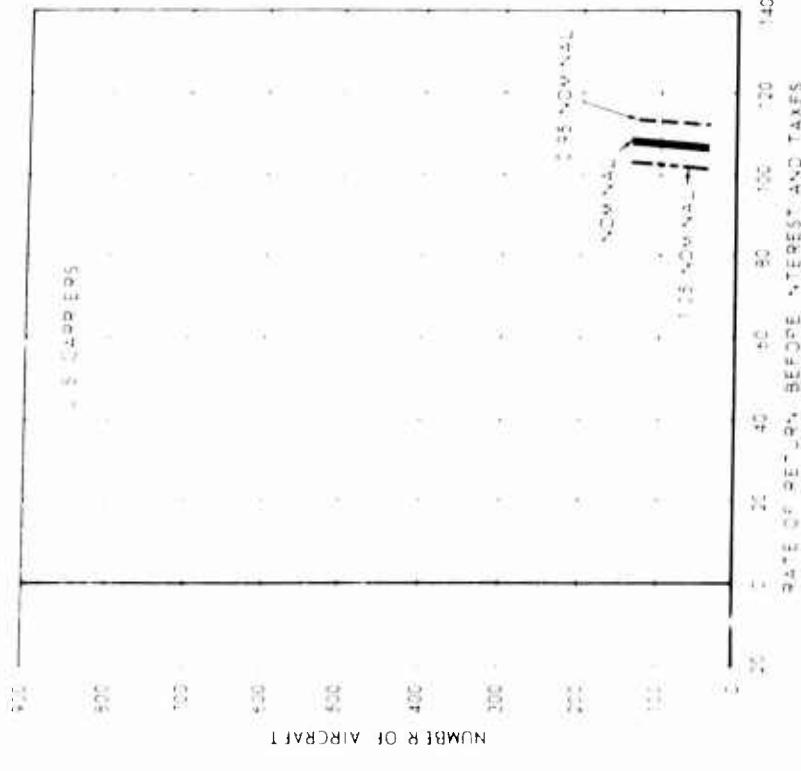
SALES PRICE VARIED

COMMERCIAL CX-HLS

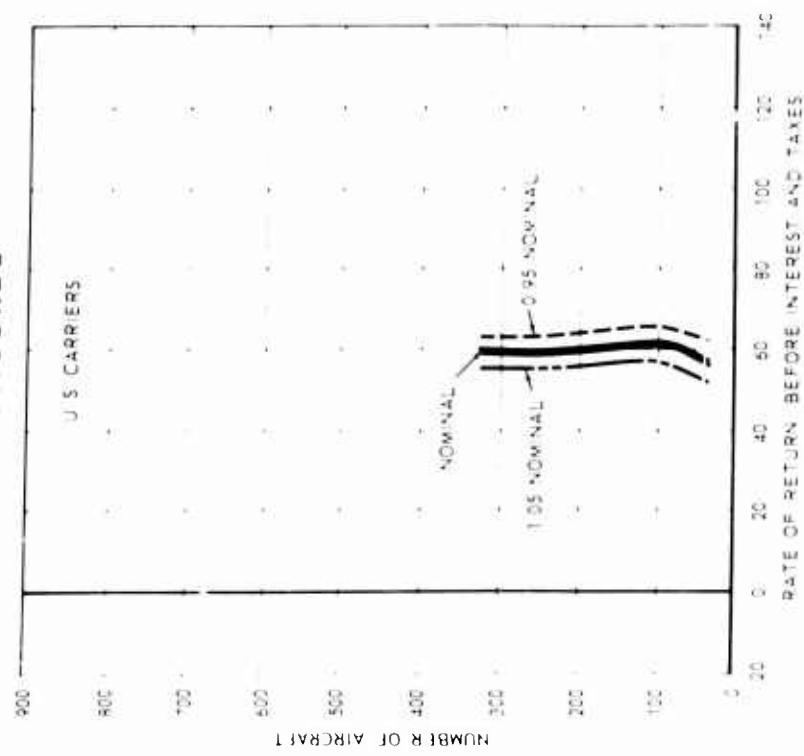


itivity of Program Returns to Variation in Sales Price
(in Terms of Rate of Return)

MERCIAL CX-HLS



CONCORDE



RATE OF RETURN BEFORE INTEREST AND TAXES

Table S1.14. Sensitivity of Program
(in Terms of P₁)

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Present Worth (\$ Billions)

Boeing 733-290

SOURCES OF DATA INPUTS FOR :

Development and Adaptation

Production Costs : FAA or MFG

Operating Costs : FAA

Sensitivity of Program Returns to Variation in Sales Price (in Terms of Present Worth)

Table 15. Variations in Market Success and Present Worth of Program
Cash Flows (at 20 percent and before taxes)

variation in Sales Price

ditions in Market Success and Present Worth of Program Cash Flows (at 20 percent and before taxes)

Present Worth (\$ Billions)

Commercial CX-HLS

Present Worth (\$ Billions)

Concorde

Sales price	Number of Aircraft				
	50	200	400	600	
Nominal 1.00	0	0	0	0	0
1.05	0	0	0	0	0
0.95	0	0	0	0	0

U.S. Carriers

Concorde

Table S1.15. Sensitivity of SST Program Returns to Variations of Sonic Boom

a. Variation in Market Success and in Internal Rate of Return
for Boeing 747-200

Manufacturers	Rate of Return	Number of Aircraft			
		50	200	400	600
Effects of Sonic Boom					
Nominal 2.0/1.5	-11.0	14.0	24.0	29.0	
2.5/1.7	-11.0	14.0	24.0	29.0	
2.0/1.5	-11.0	14.0	24.0	29.0	
2.5/1.7					

U.S. Carriers

Effects of Sonic Boom	50	Number of Aircraft		
		200	400	600
Nominal 2.0/1.5	59.0	62.0	58.0	51.0
2.5/1.7	64.0	68.0	62.0	56.0
2.0/1.5	62.0	66.0	60.0	55.0
2.5/1.7				
Over water	53.0	46.0		
	53.0	50.0		

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : FAA

Operating Costs : FAA

15. Sensitivity of SST Program Returns to Variations of Sonic Boom

a in Market Success and in Internal Rate of Return
at 7.33-290

b. Variation in Market Success and Present Worth of Program
Cash Flow (at 20 percent and before taxes) for Boeing 733-290

Rate of Return

Sonic Boom	Number of Aircraft			
	50	200	400	600
5	-11.0	14.0	24.0	29.0
7	-11.0	14.0	24.0	29.0
5	-11.0	14.0	24.0	29.0
7				

Manufacturers Present Worth (\$ Billions)

Effects of Sonic Boom	Number of Aircraft			
	50	50	400	600
Nominal 2.0/1.5	-0.70	-0.31	0.20	0.71
2.5/1.7	-0.70	-0.31	0.20	0.71
2.0/1.5	-0.70	-0.31	0.20	0.71
2.5/1.7				

U.S. Carriers

Sonic Boom	Number of Aircraft			
	50	200	400	600
5	59.0	62.0	58.0	51.0
7	64.0	68.0	62.0	56.0
5	62.0	66.0	60.0	55.0
7	53.0	46.0		
water	53.0	50.0		

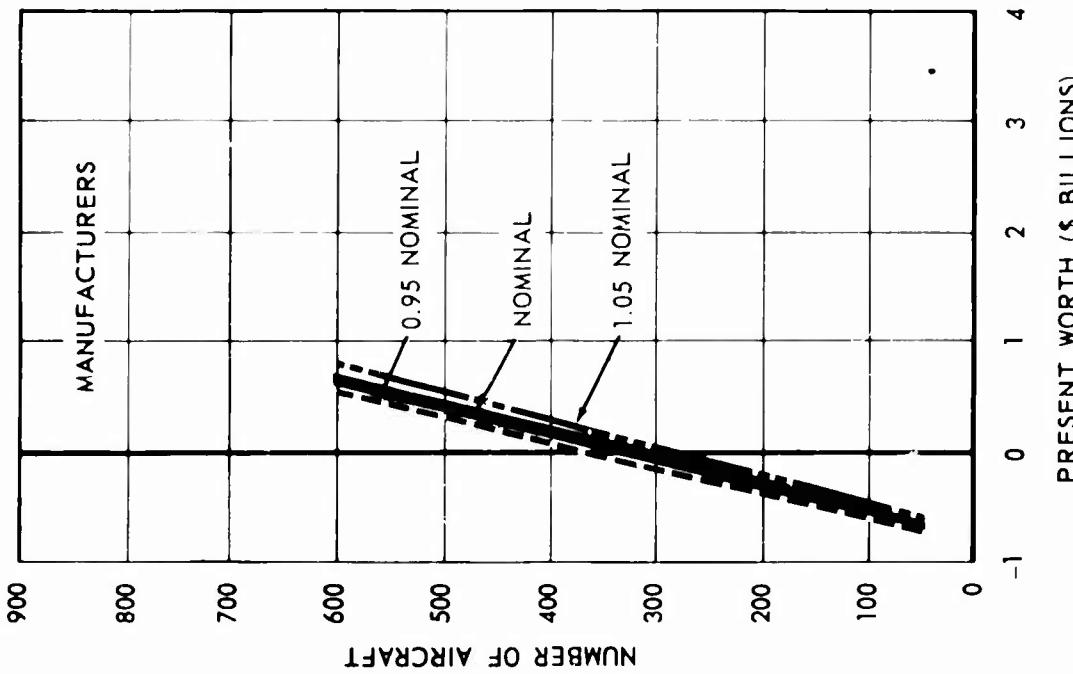
Effects of Sonic Boom	Number of Aircraft			
	50	200	400	600
Nominal 2.0/1.5	0.38	0.97	1.47	1.92
2.5/1.7	0.44	1.20	1.82	2.26
2.0/1.5	0.42	1.14	1.72	2.16
2.5/1.7				
Over water	0.27	0.65		
	0.27	0.63		

SOURCES OF DATA INPUTS FOR :

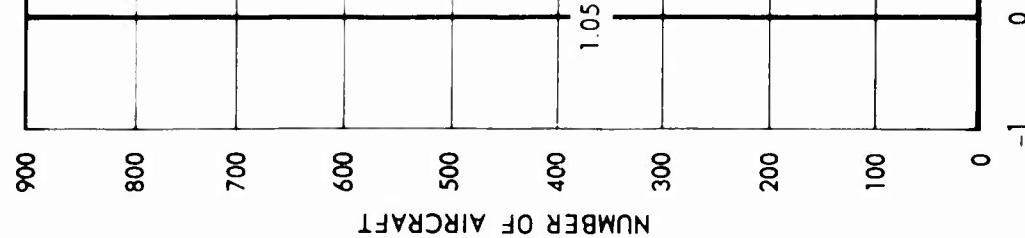
**Development and
Production Costs : FAA or MFG**

Operating Costs : FAA

BOEING 733-290



U.S. CARRIERS



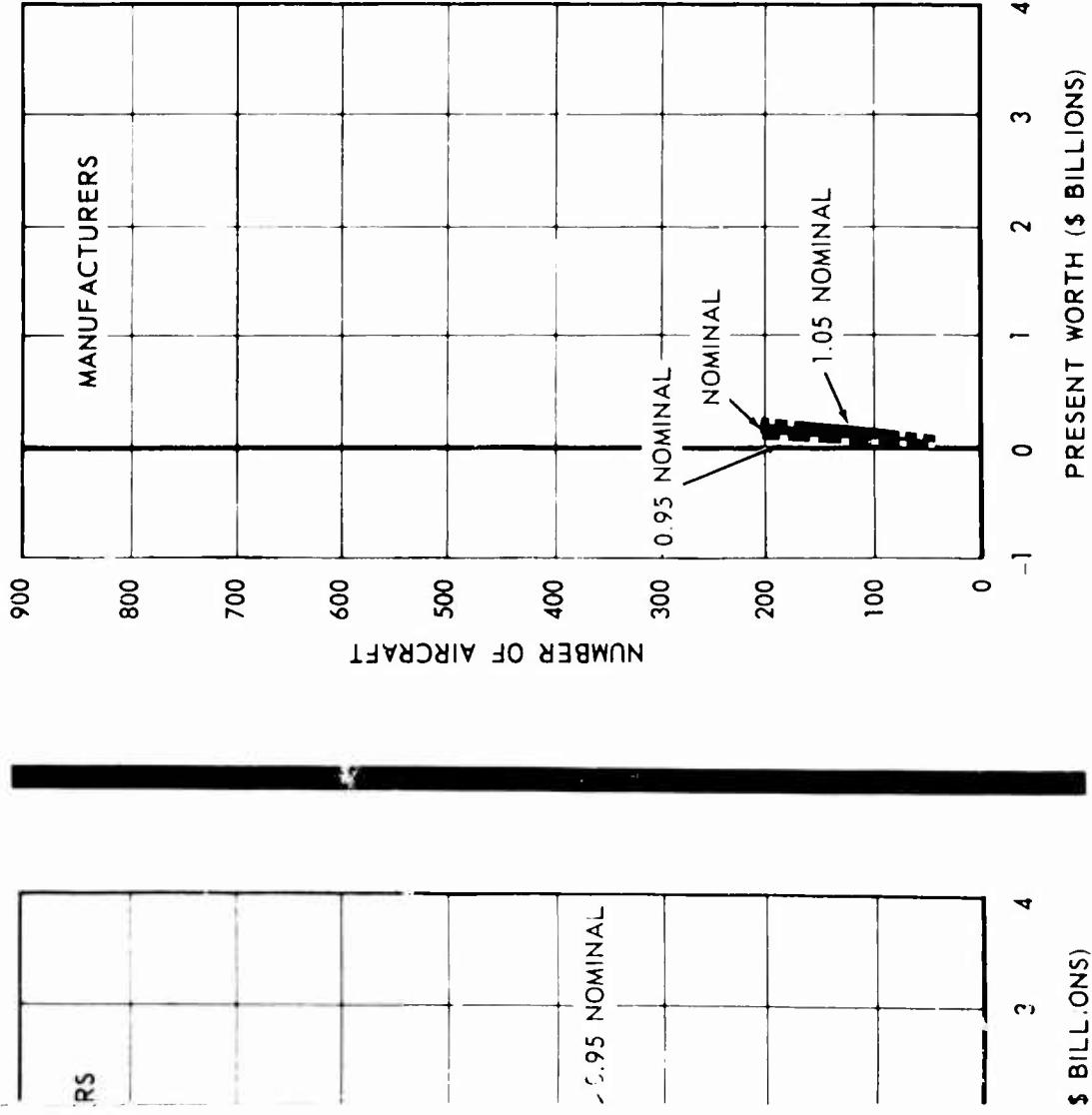
PRESIDENT WORTH (\$ BILLIONS)

PRESIDENT WORTH (\$ BILLIONS)

Figure S1.14. Sensitivity

SALES PRICE VARIED

COMMERCIAL CX-HLS



\$ BILLIONS

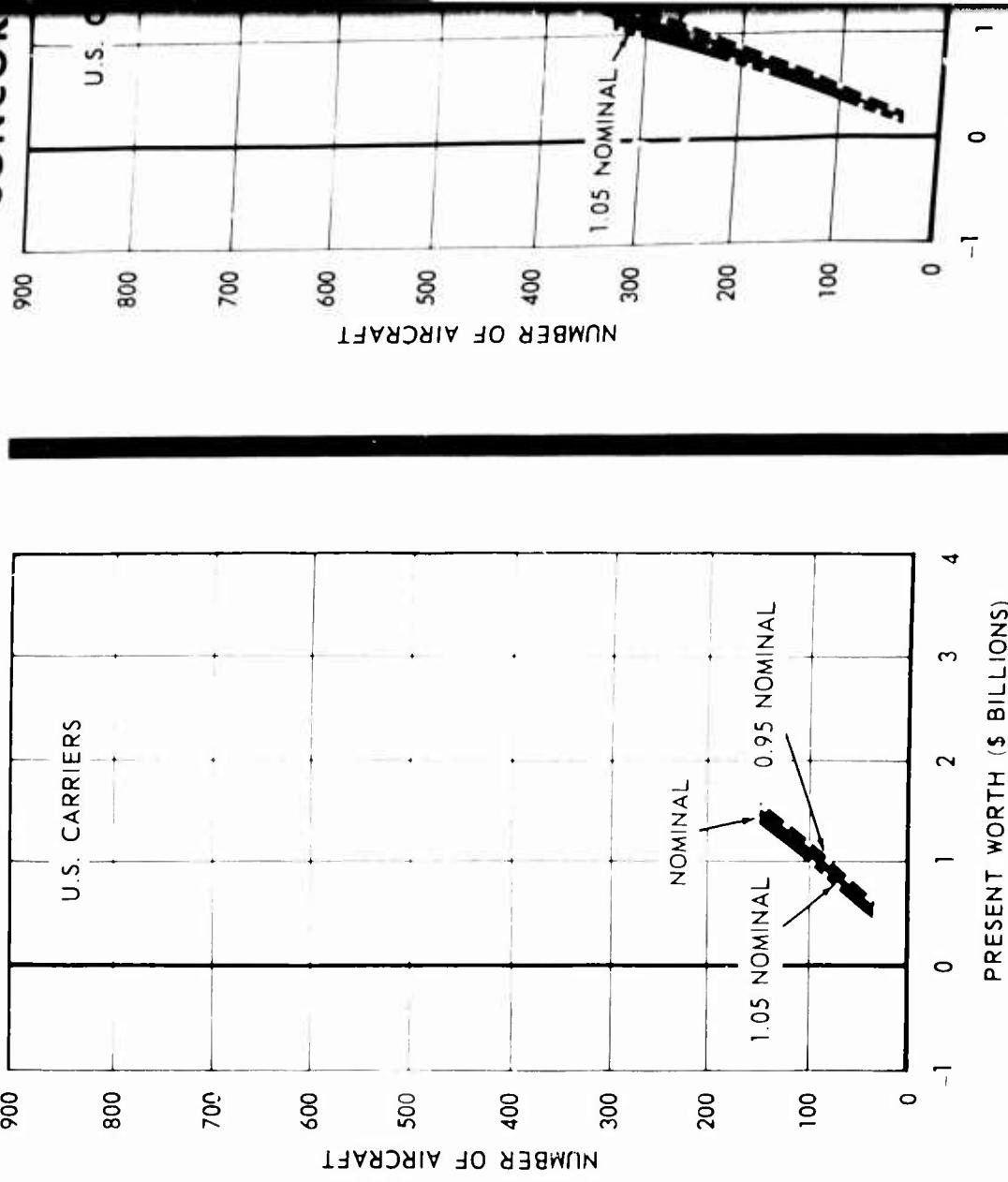
PRESENT WORTH (\$ BILLIONS)

Sensitivity of Program Returns to Variation in Sales Price
(in Terms of Present Worth)

S1-29

✓

CONCOR



PRESENT WORTH (\$ BILLIONS)

PRESENT

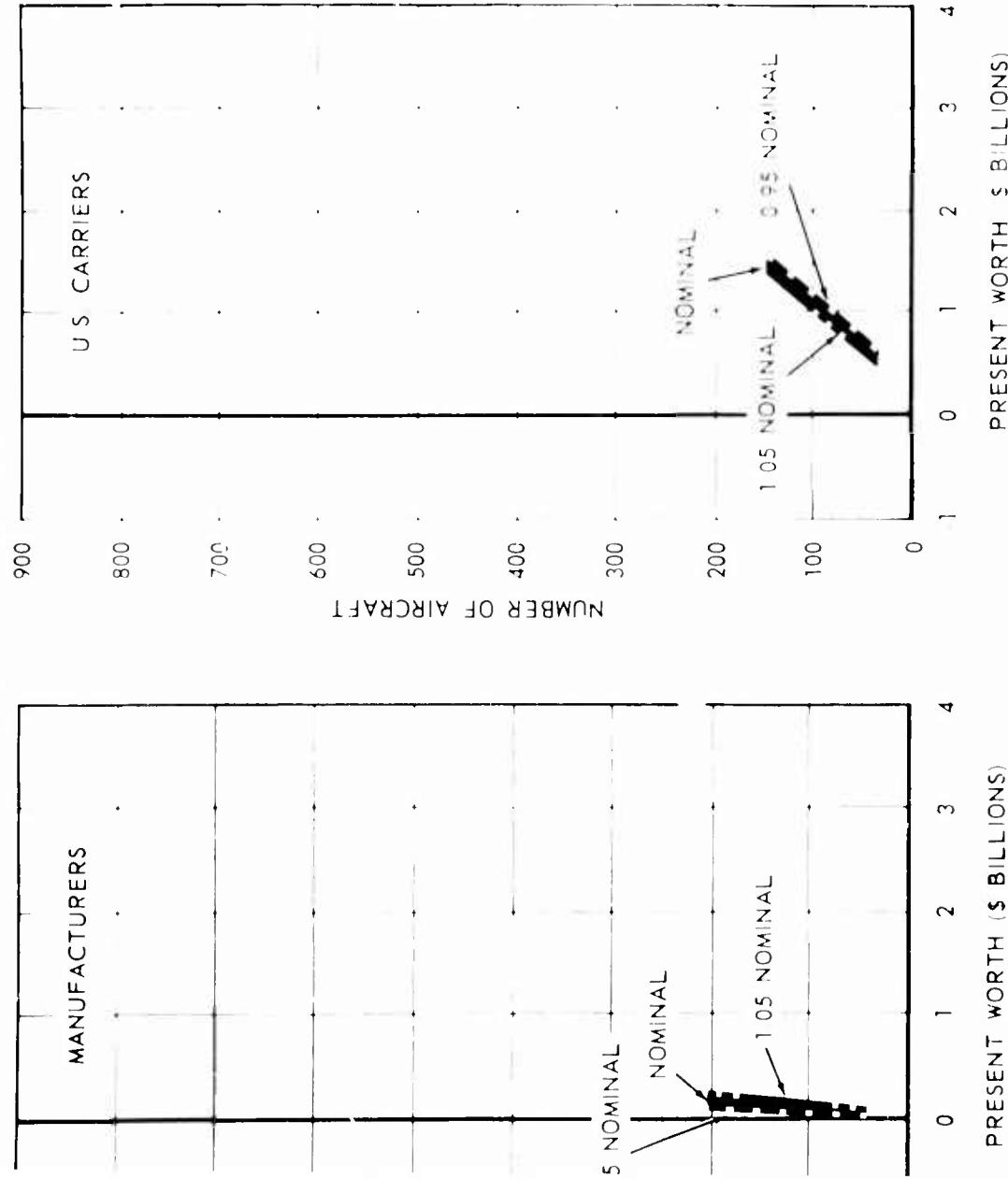
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COMMERCIAL CX-HLS



tion in Sales Price

PRESNT WORTH (\$ BILLIONS)

NOMINAL

105 NOMINAL

200 NOMINAL

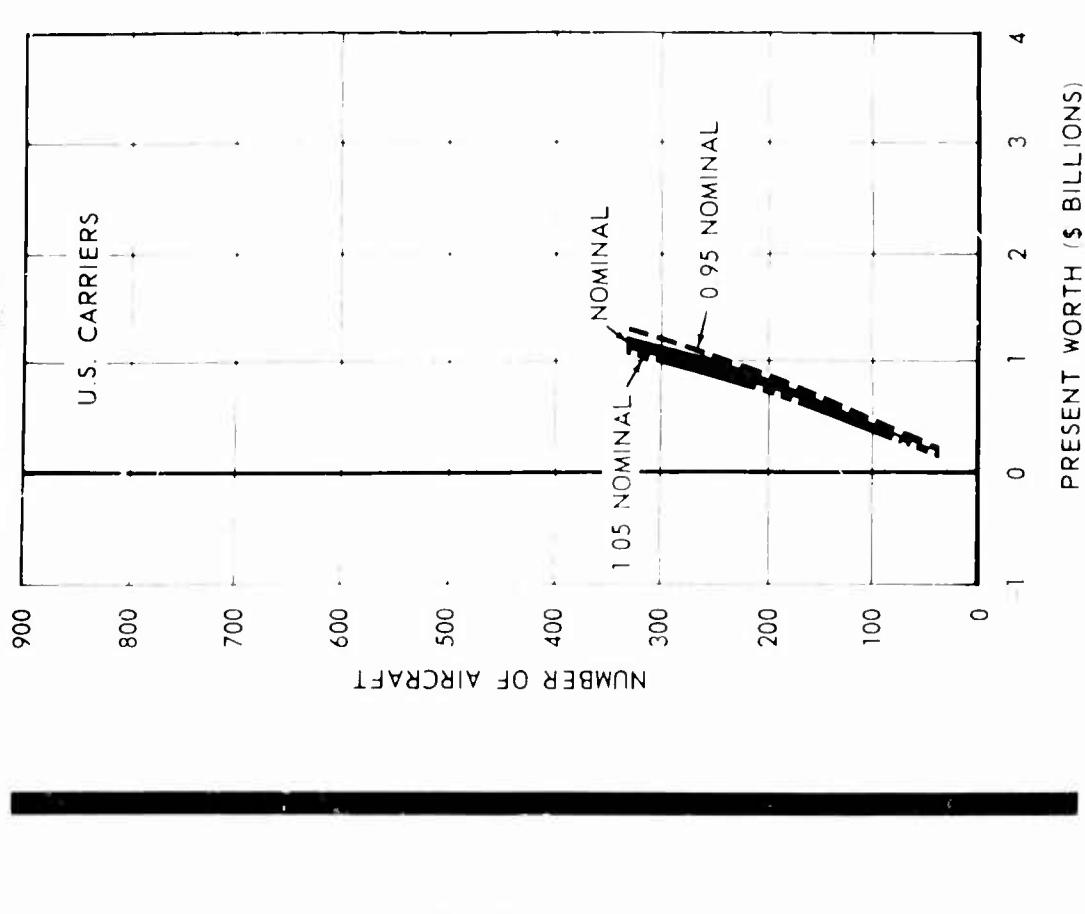
300 NOMINAL

400 NOMINAL

500 NOMINAL

U.S. CARRIERS

CONCORDE



EFFECT

SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : FAA**

Operating Costs : FAA

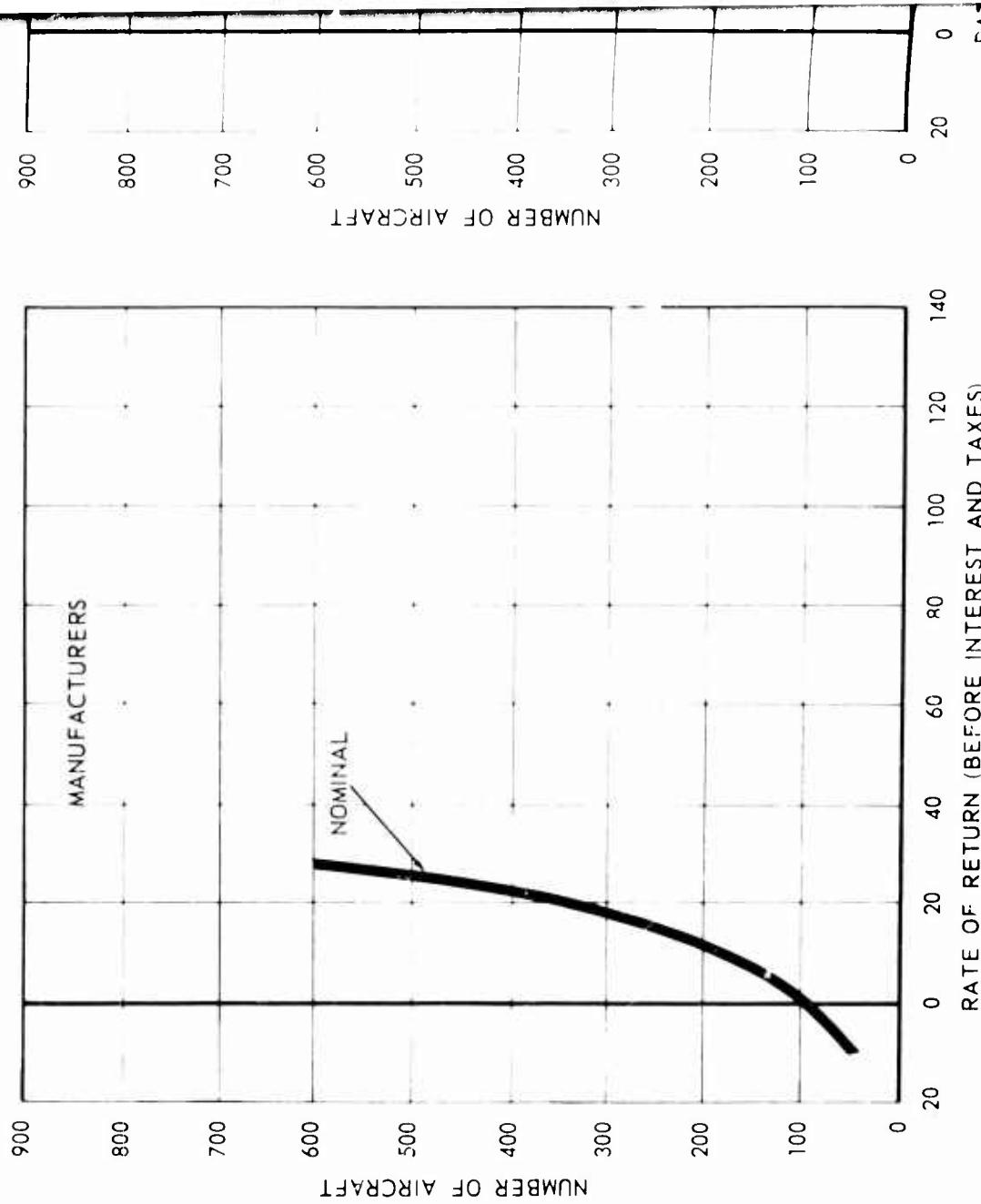
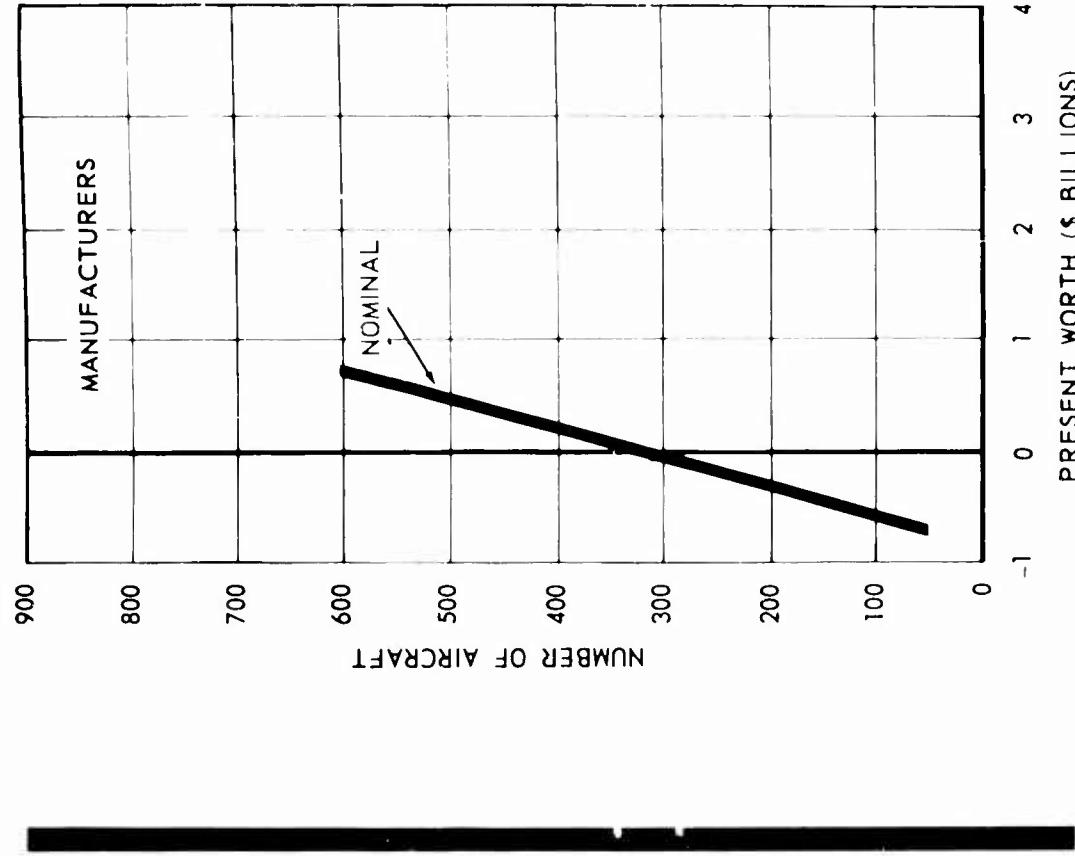
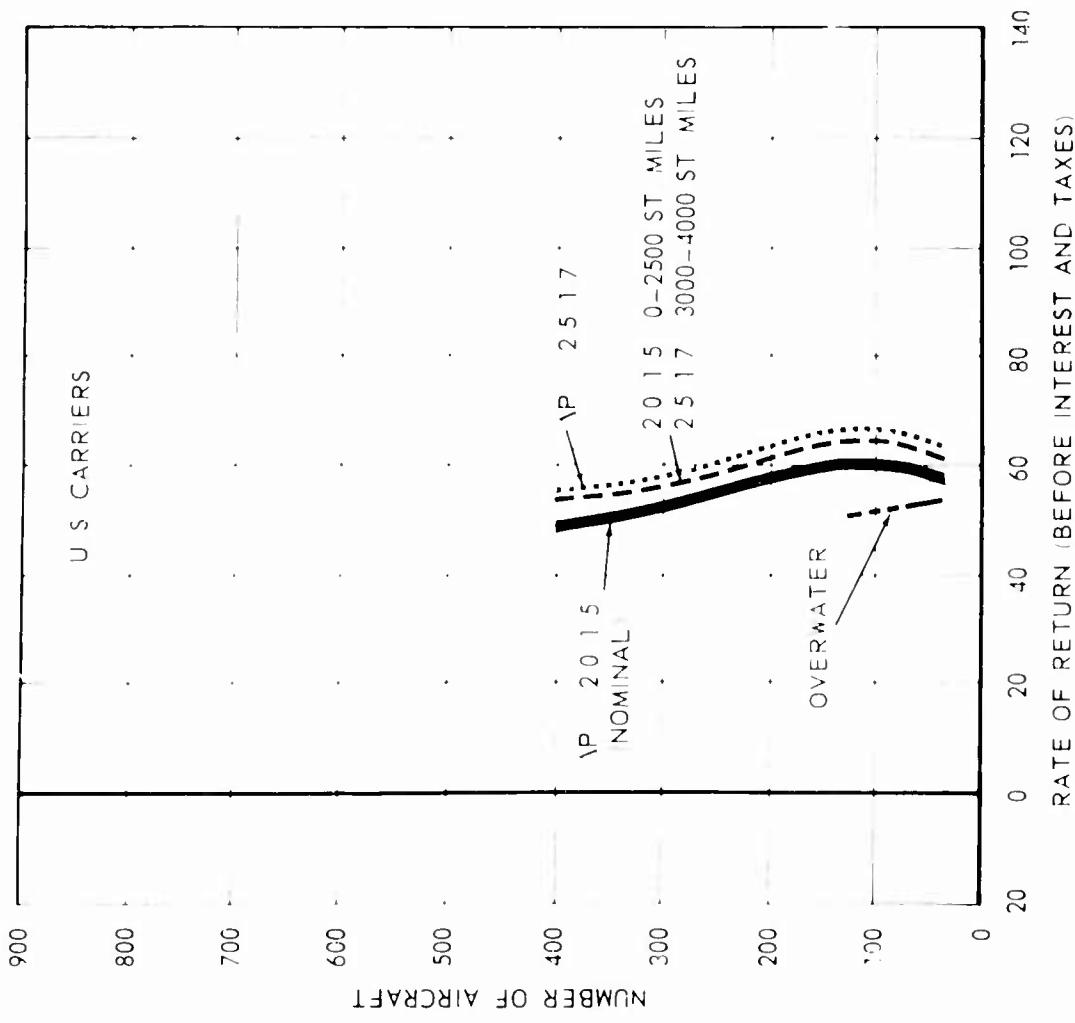


Figure S1.15. Sensitivity of SS

EFFECTS OF SONIC BOOM



Sensitivity of SST Program Returns to Variations of Sonic Boom

S 1-51

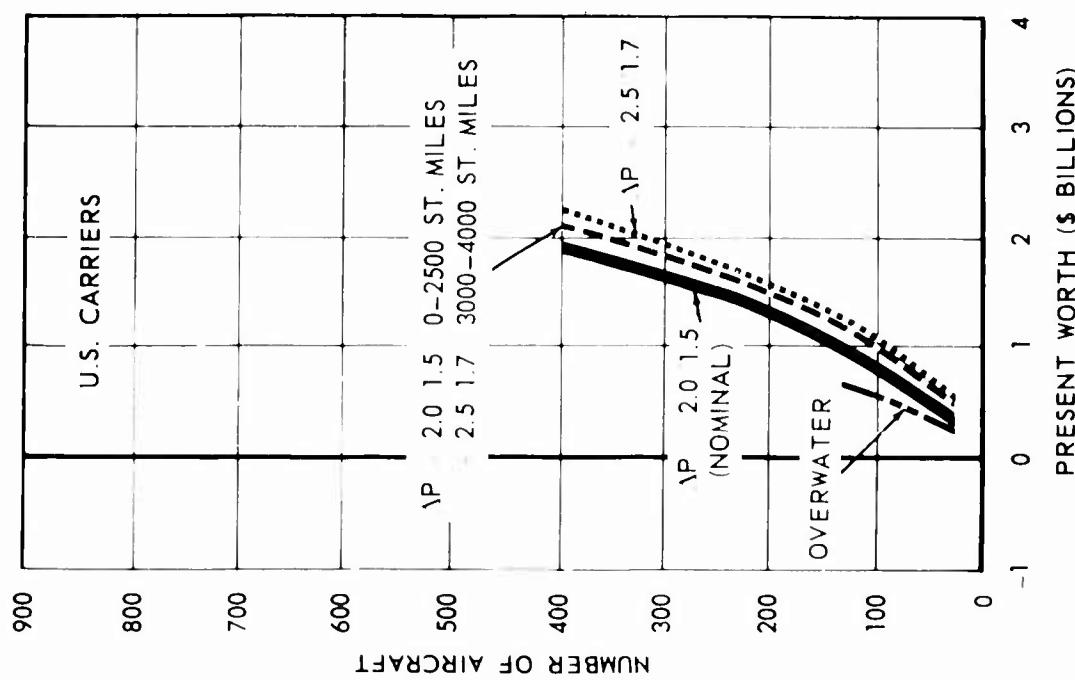
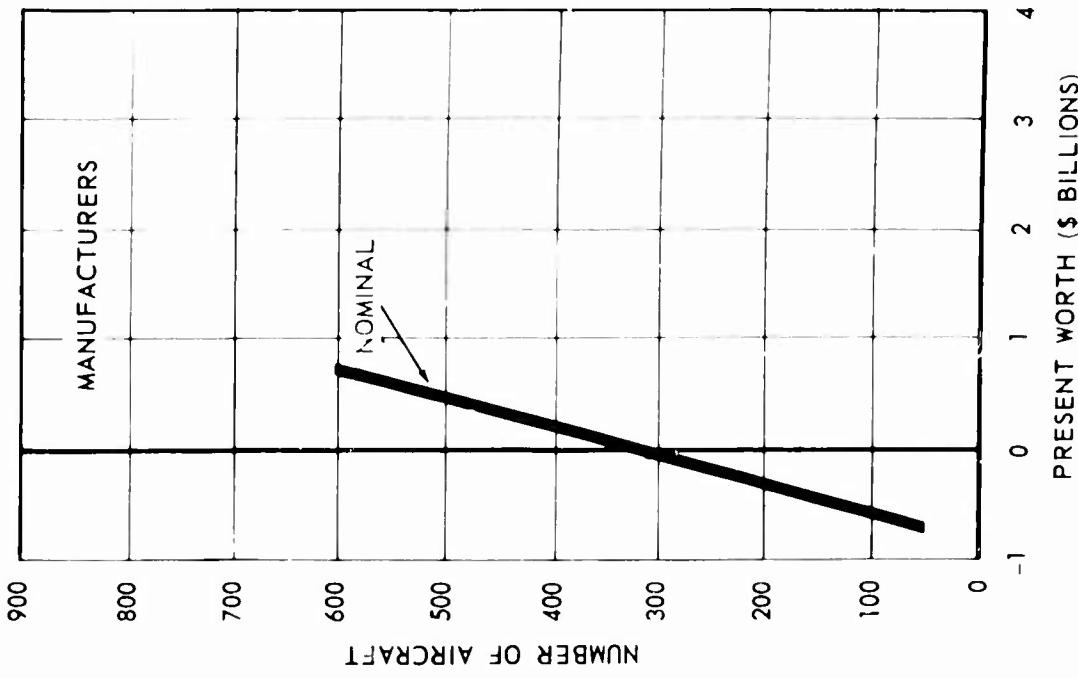


Table S1.16. Sensitivity of SST Program Returns to Variation in Payload Range Restriction

a. Variation in Market Success and in Internal Rate of Return
for Boeing 737-290

Effects of payload range restrictions		Number of Aircraft			
		50	200	400	600
Nominal		59	62	58	51
No payload rest.		61	65	60	55

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : FAA

Operating Costs : FAA

Sensitivity of SST Program Returns to Variation in Payload Range Restrictions

in Market Success and in Internal Rate of Return; 733-290

b. Variation in Market Success and Present Worth of Program Cash Flow (at 20 percent and before taxes) for Boeing 733-230

Rate of Return

Manufacturers

Effects of payload range restrictions		Number of Aircraft			
		50	200	400	600
Nominal	-0.70	-0.31	0.20	0.71	
No payload rest.	-0.70	-0.31	0.20	0.71	

Present Worth (\$ Billions)

U.S. Carriers

SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : FAA**

Operating Costs : FAA

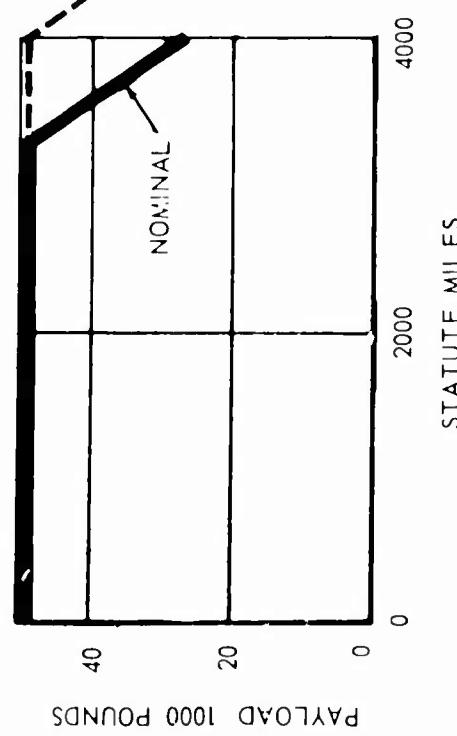
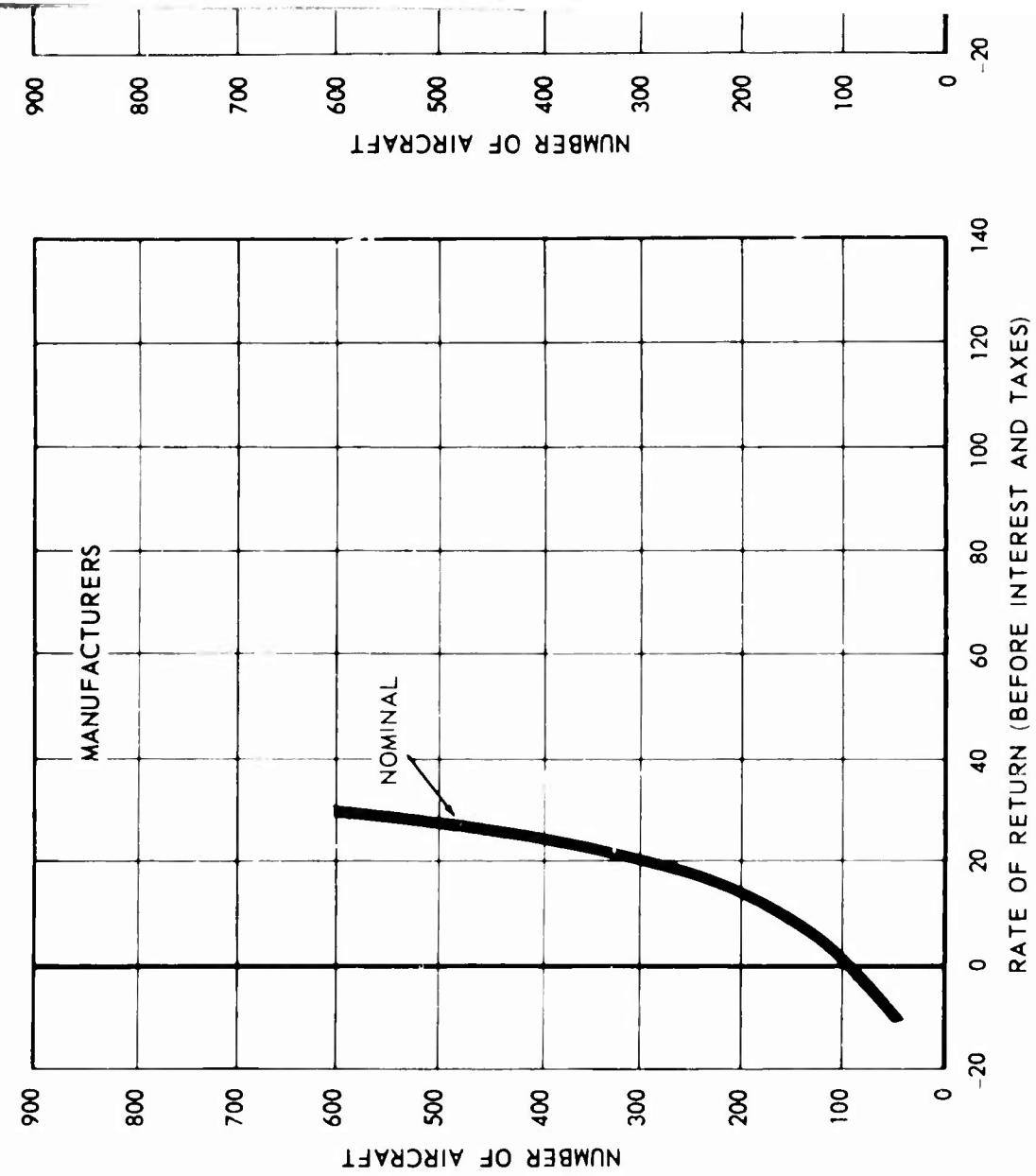


Figure S1-16. Sensitivity of

EFFECTS OF PAYLOAD-RANGE RESTRICTIONS

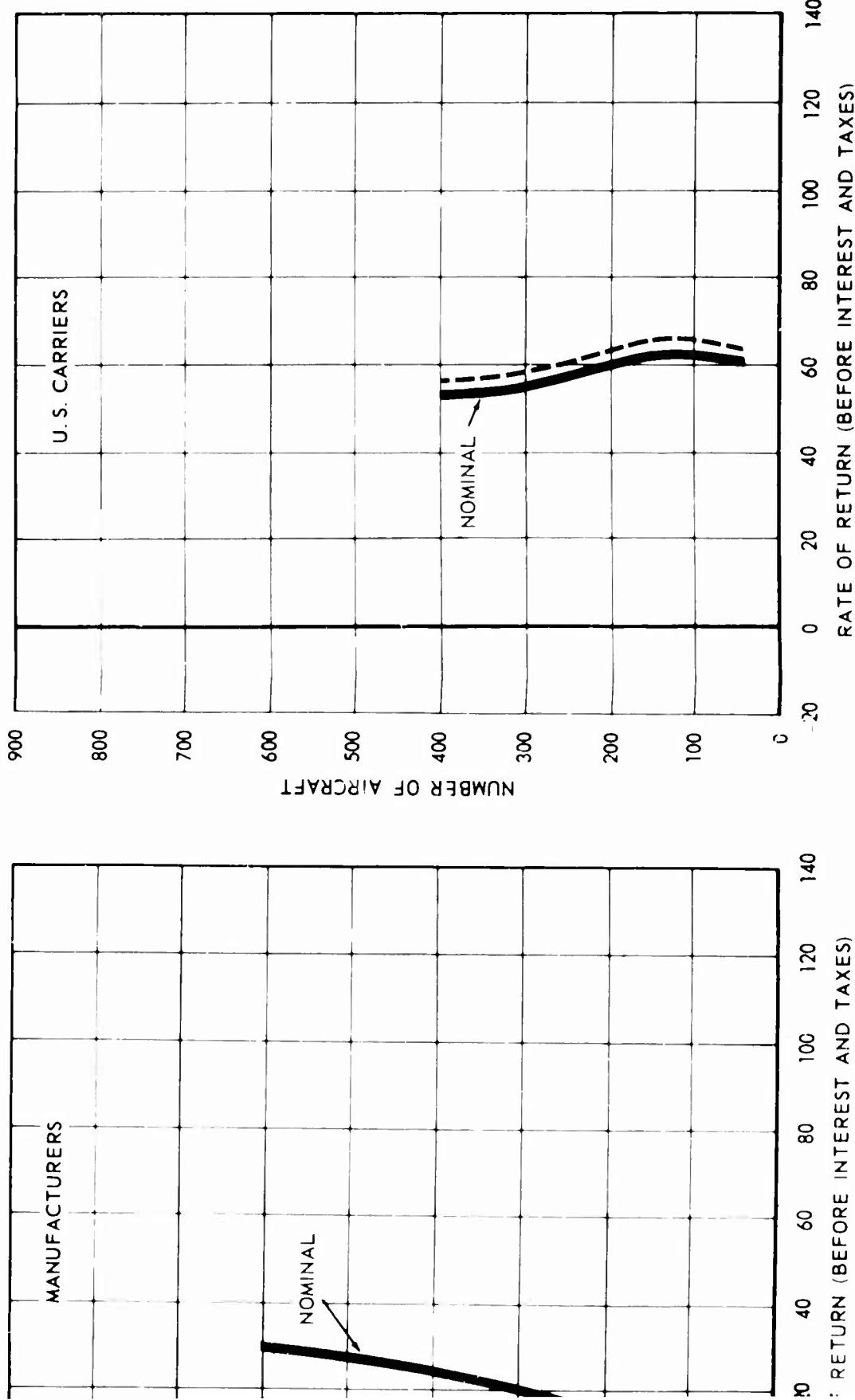


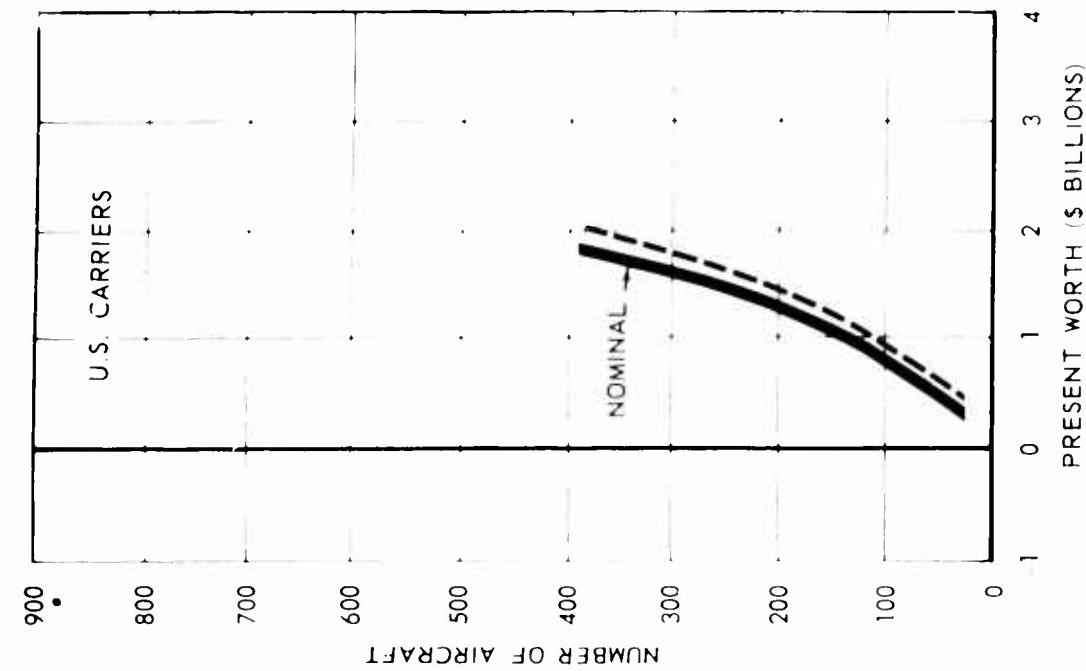
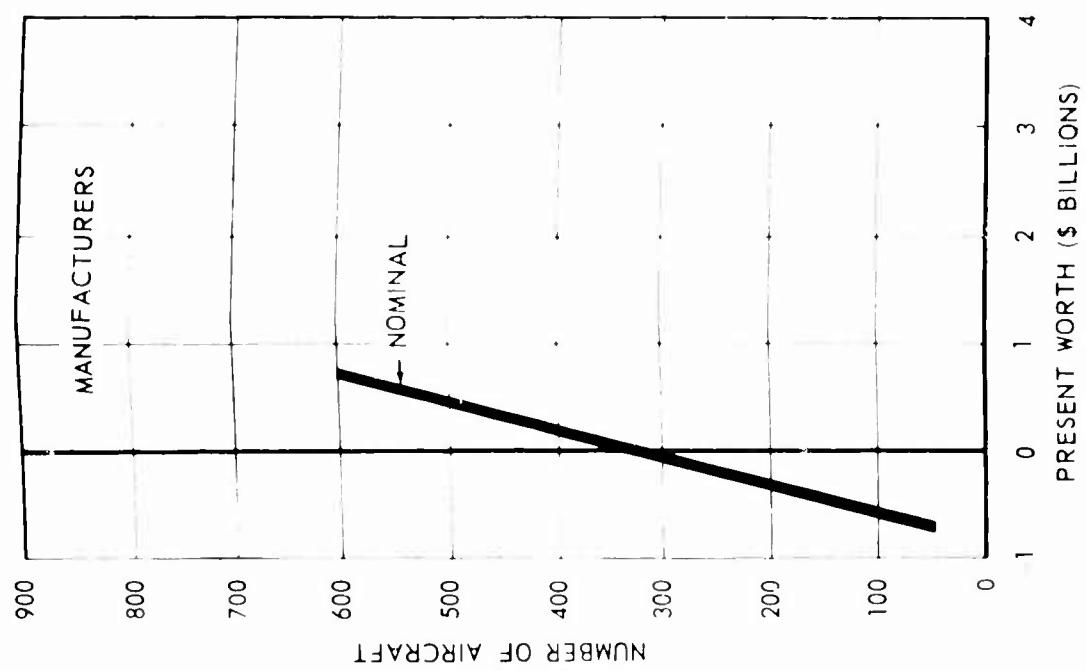
Figure S1.16. Sensitivity of SST Program Returns to Variation in Payload Range Restrictions

S1-33

RANGE RESTRICTIONS



Returns to Variation in Payload Range Restrictions



U.S. CARRIERS

MANUFACTURERS

PRES. WORTH (\$ BILLIONS)

PRES. WORTH (\$ BILLIONS)

NOMINAL

NOMINAL

NUMBER OF AIRCRAFT

NUMBER OF AIRCRAFT

TURN (BEFORE INTEREST AND TAXES)

Table S1.17. Sensitivity of SST Program Returns to Variation in Ambient Te

a. Variation in Market Success and in Internal Rate of Return for Boeing

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : MFG

Operating Costs : FAA

Sensitivity of SST Program Returns to Variation in Ambient Temperature

n in Market Success and in Internal Rate of Return nr. 733-290

b. Variation in Market Success and Present Worth of Program Cash Flow (at 20 percent and before taxes) for Boeing 733-290

Rate of Return

Manufacturers

Present Worth (\$ Billions)

U.S. Carriers

EF

SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : MFG**

Operating Costs : FAA

Aero Data: Hand computed
MFG Data

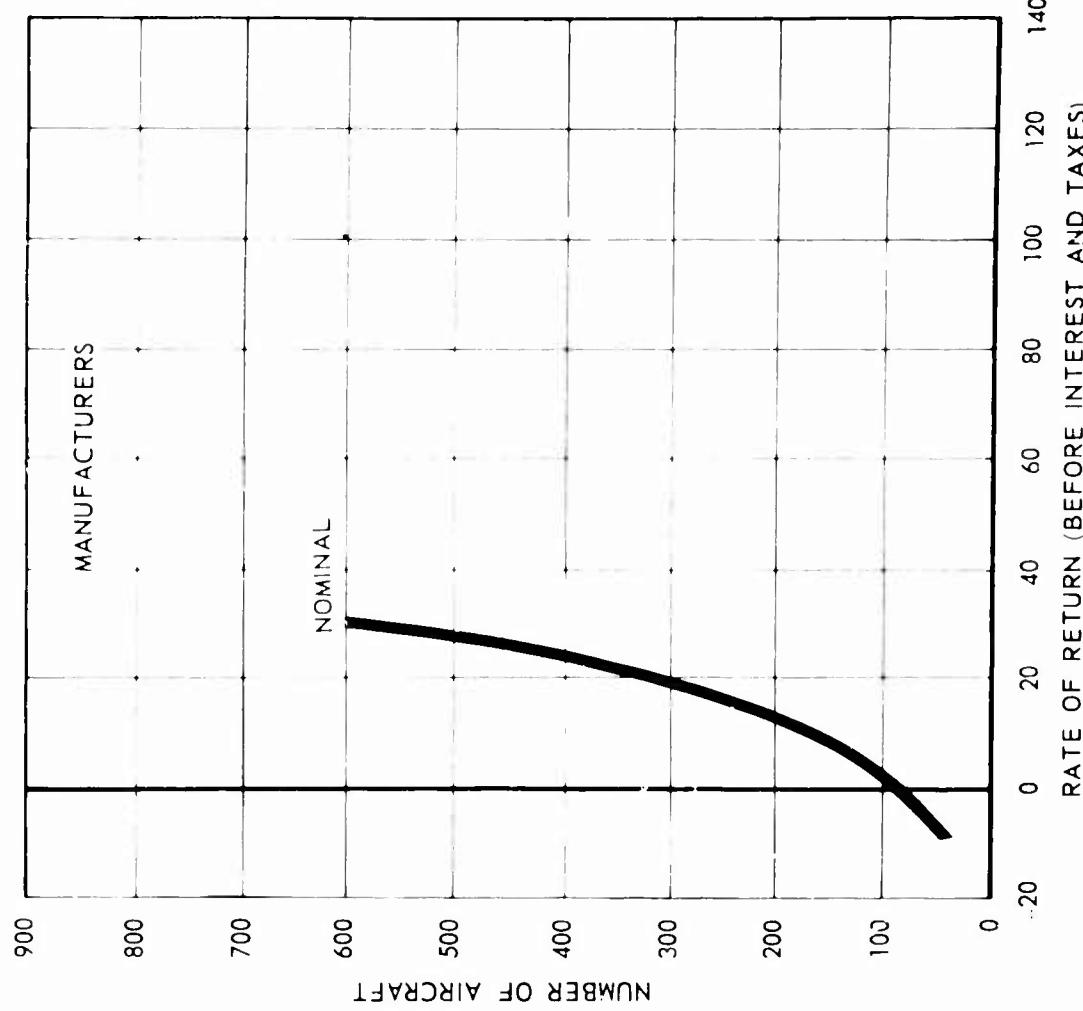
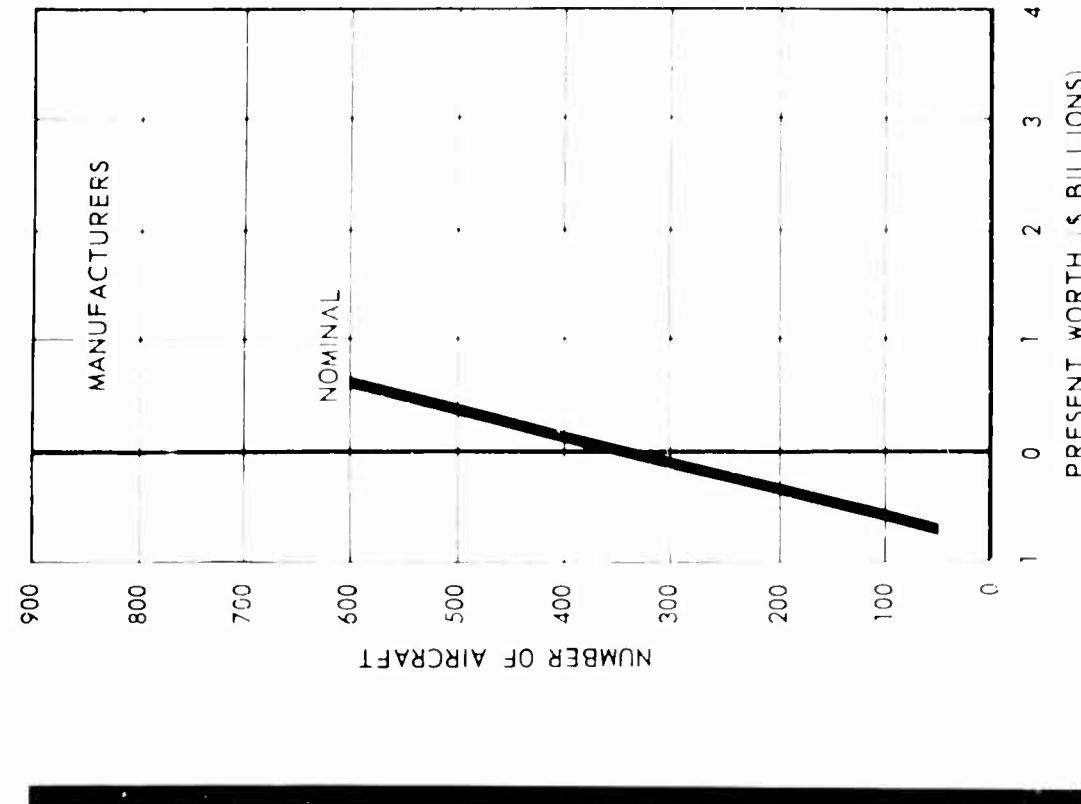
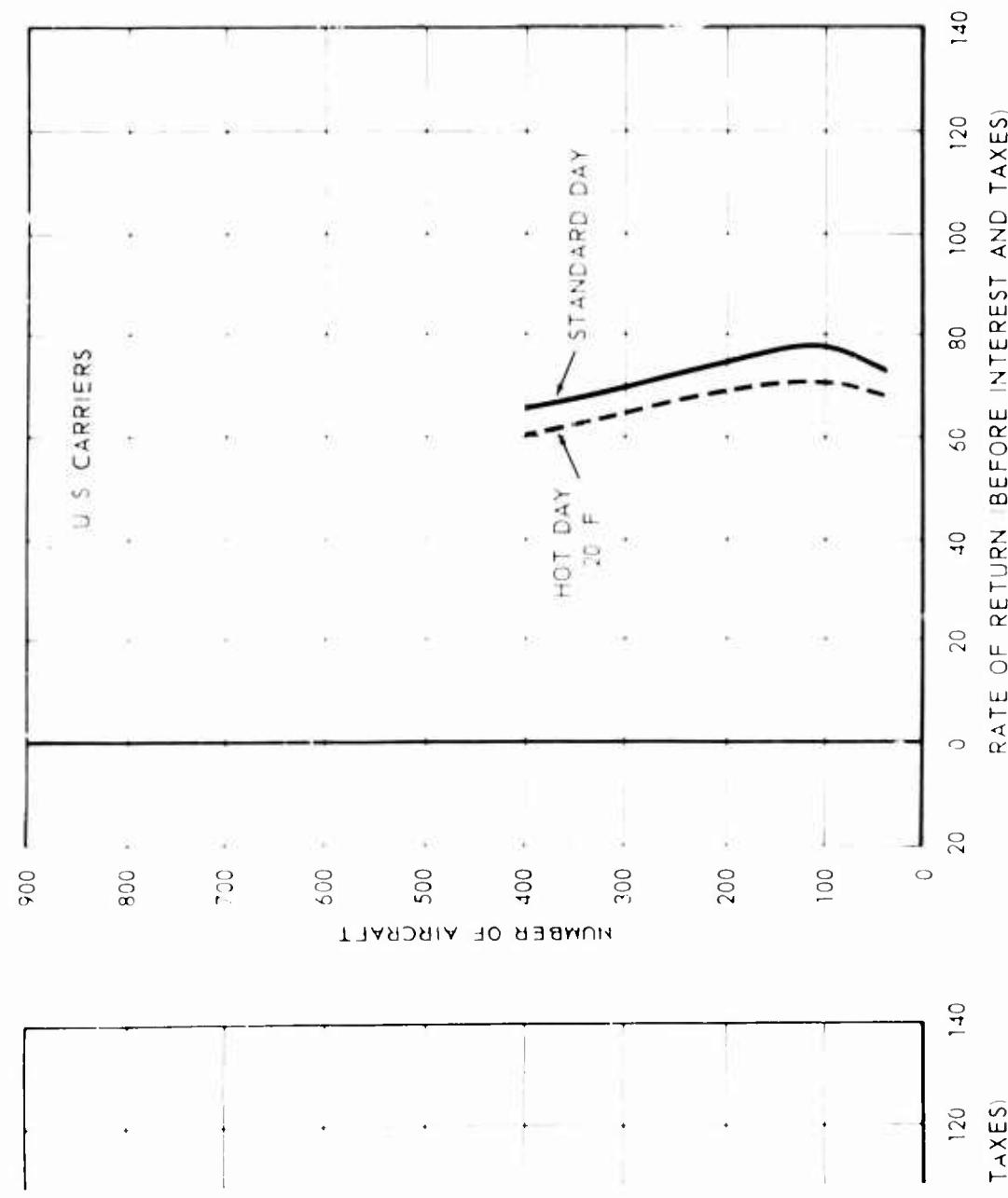


Figure S1.17. Sensitivity

EFFECTS OF A HOT DAY



re S1.17. Sensitivity of SST Program Returns to Variation in Ambient Temperature

S1-35

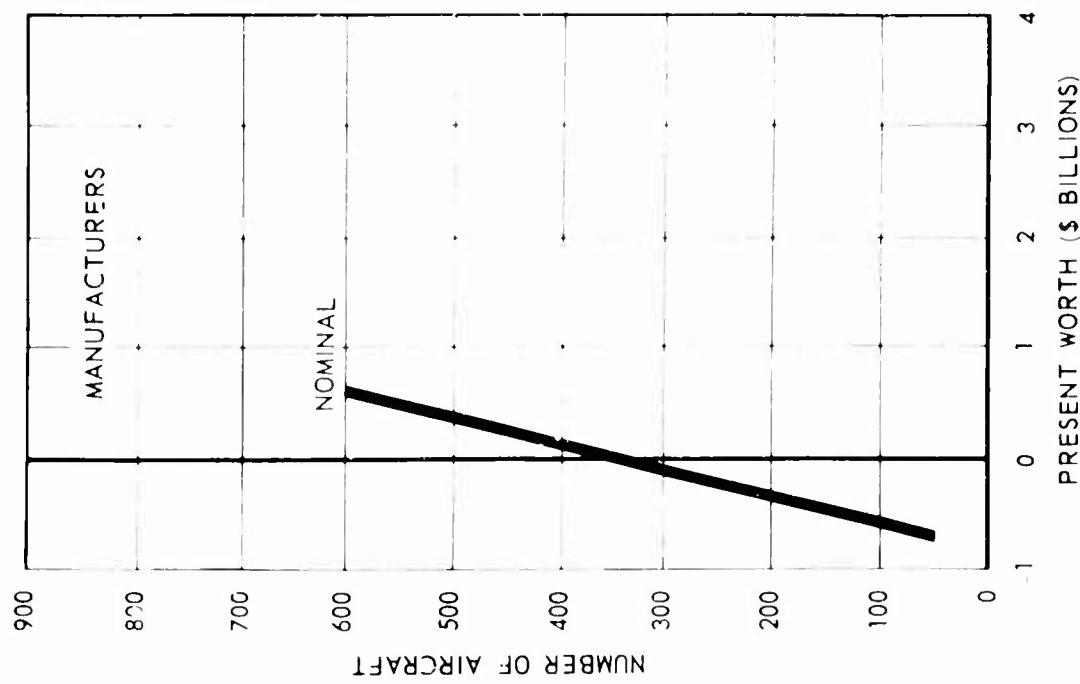
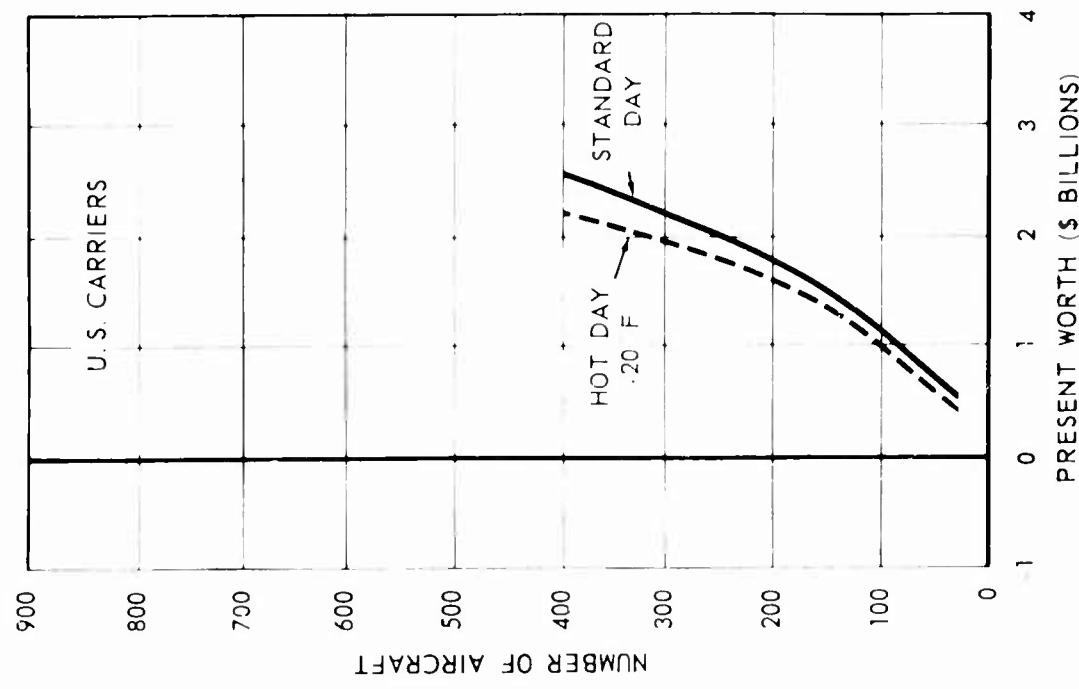


Table S1.18. Sensitivity of SST Program Returns to Variation in C_{SST}

a. Variation in Market Success and in Internal Rate of Return for Boeing 733-290

SOURCES OF DATA INPUTS FOR :

Development and

Production Costs : FAA

Operating Costs : FAA

Success and in Internal Rate of Return

b Variation in Market Success and Present Worth of Program Cash Flow (at 20 percent and before taxes) for Boeing 733-290

Manufacturers Present Worth (\$ Billions)

U.S. Carriers

SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : FAA**

Operating Costs : FAA

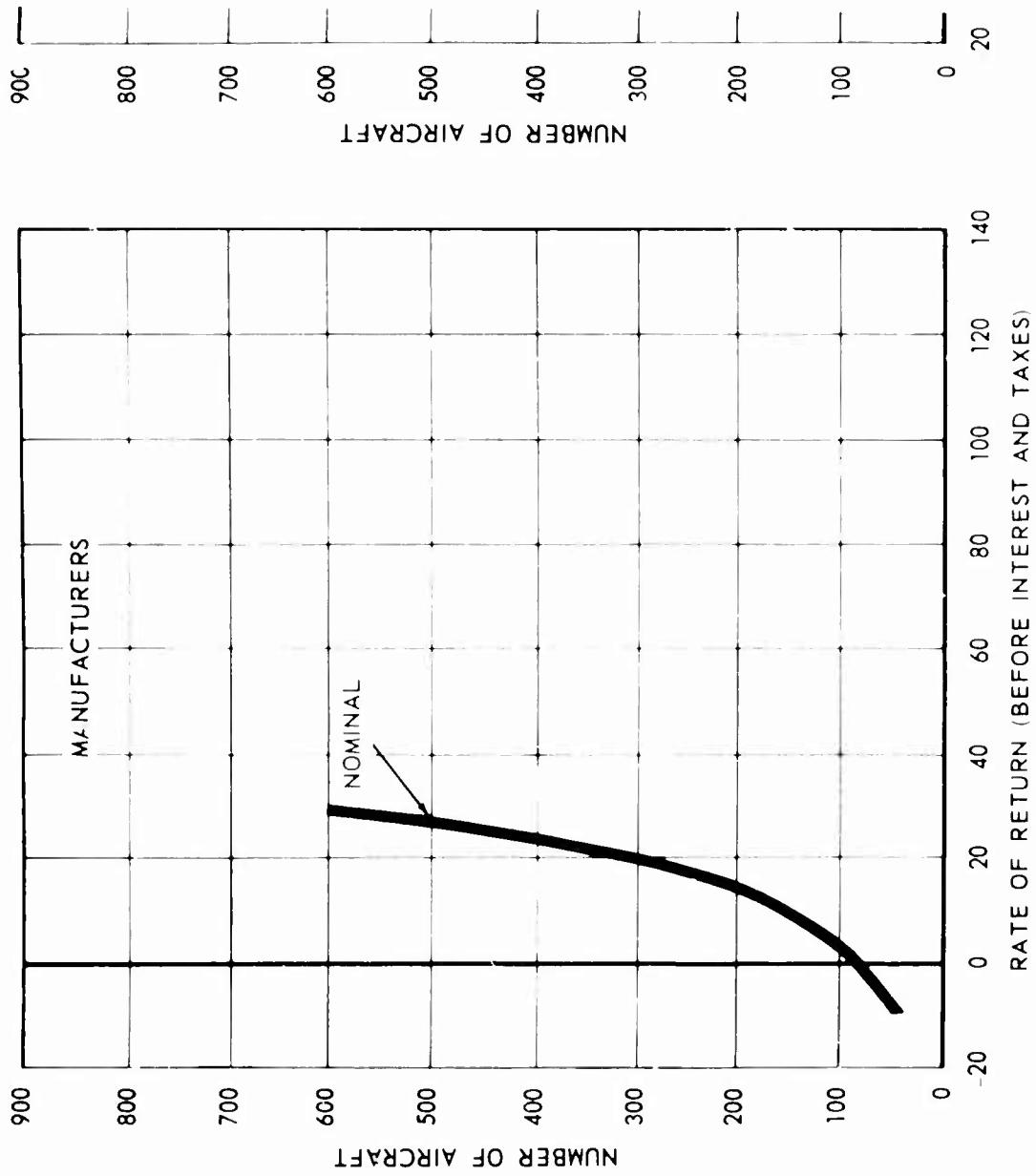
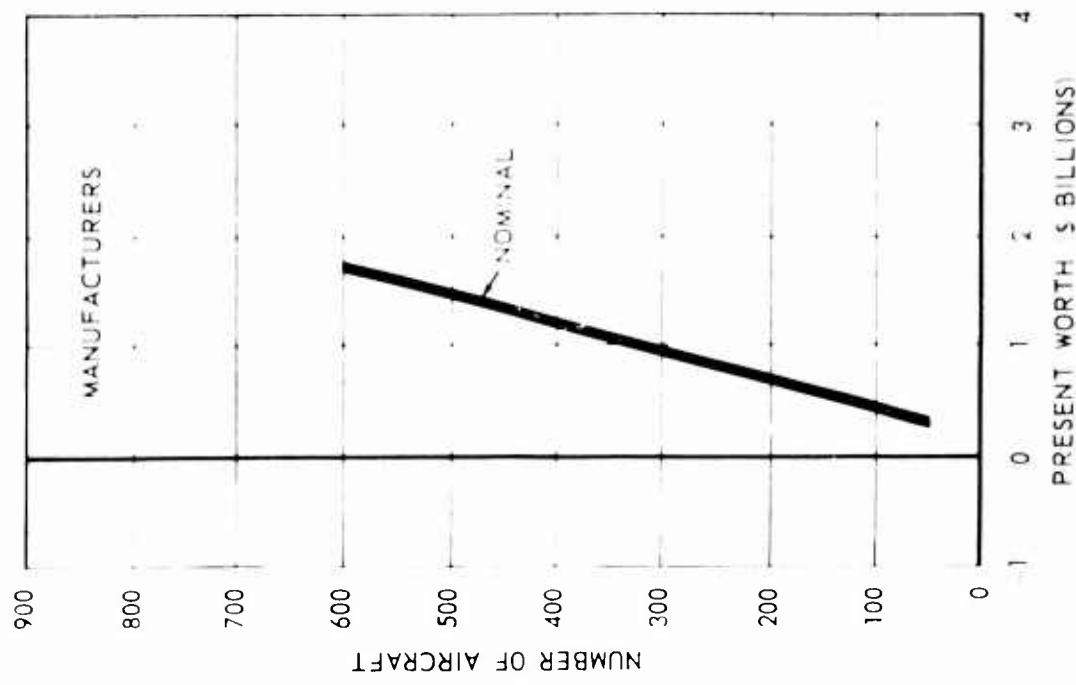
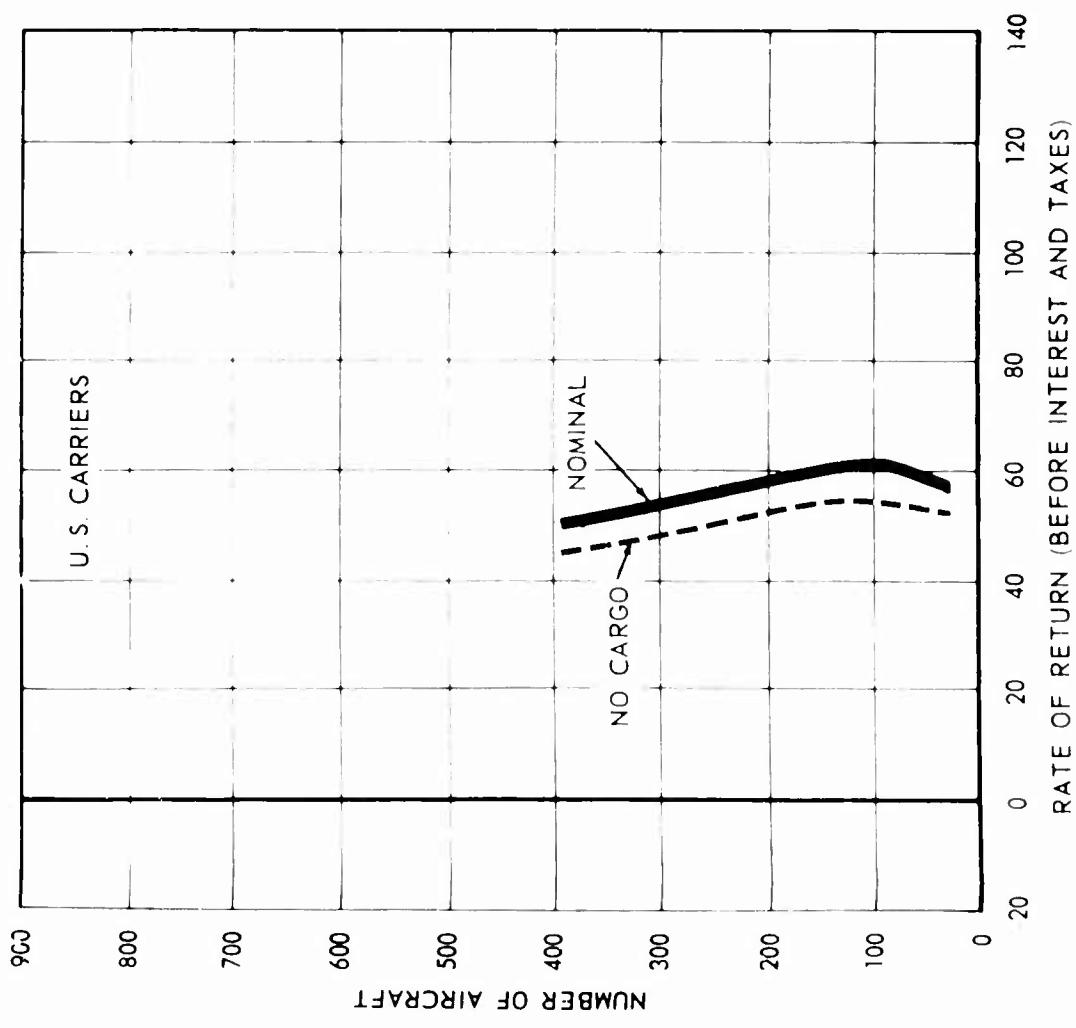


Figure S1.1. Sensit

EFFECTS OF CARGO



1.18. Sensitivity of SST Program Returns to Variation in Cargo

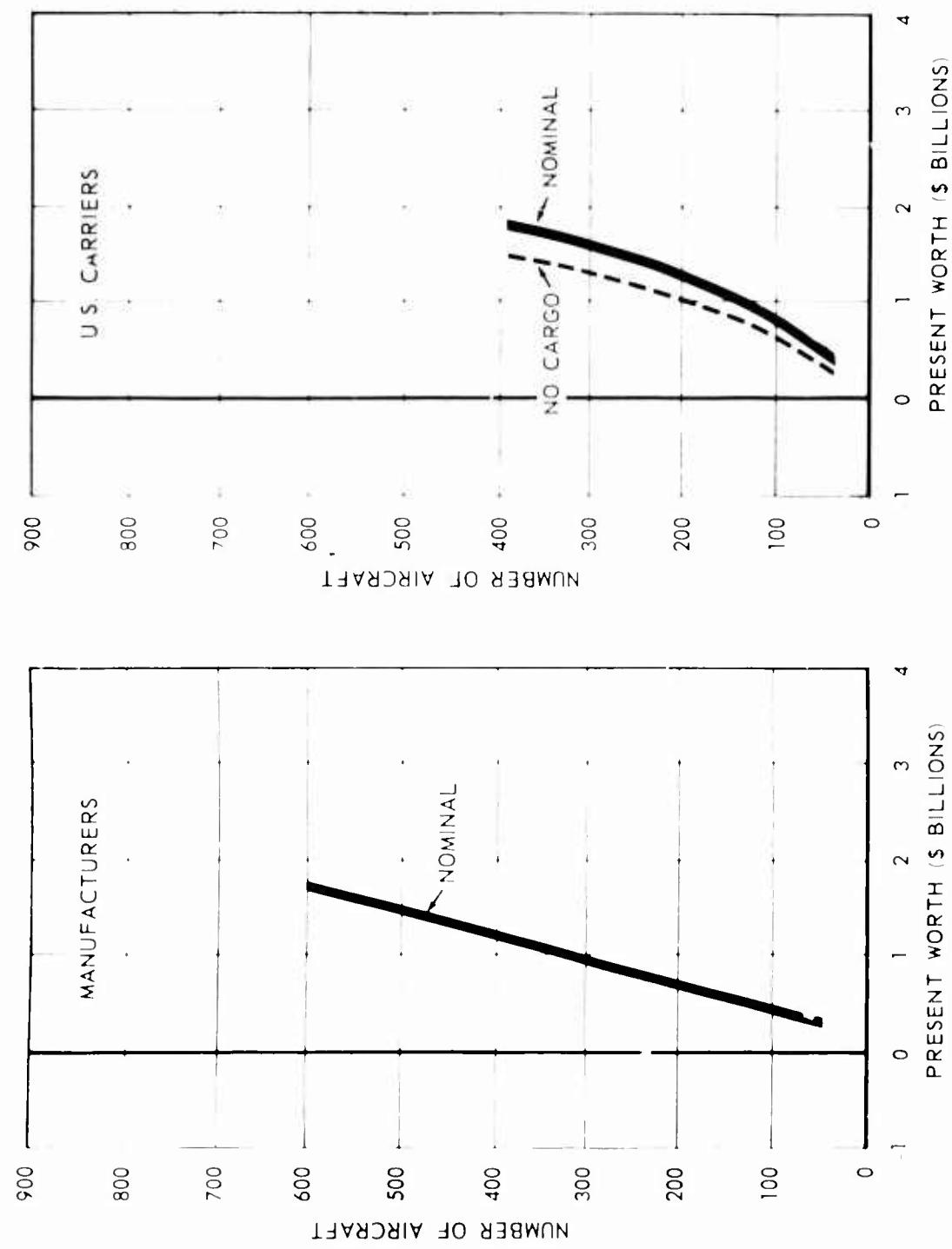


Table S1.19. Sensitivity of SST Program Returns to Variation in Initial Load Factor

iv. Variation in Market Success and in Interest Rate of Return for Boeing 737-290

SOURCES OF DATA INPUTS FOR :

Development and Production Costs : FAA

Operating Costs : FAA

Load factor in initial yrs.	Number of Aircraft				600
	50	100	200	400	
Nominal	-11	14	24	24	29
Constant	-11	14	24	24	29

Load factor in initial yrs.	Number of Aircraft		
	50	200	400
Nominal	59	62	58
Constant	38	44	44

Manufacturers

U.S. Carriers

List of References

5

Manu

No. Cc

of SST Program Returns to Variation in Initial Load Factor

Success and in Internal Rate of Return

b). Variation in Market Success and Present Worth of Program Cash Flow (at 20 percent and before taxes) for Boeing 733-290

Title of Return

Manufacturers

Present Worth (\$ Billions)

U.S. Carriers

Number of Aircraft

SOURCES OF DATA INPUTS FOR :

**Development and
Production Costs : FAA**

Operating Costs : FAA

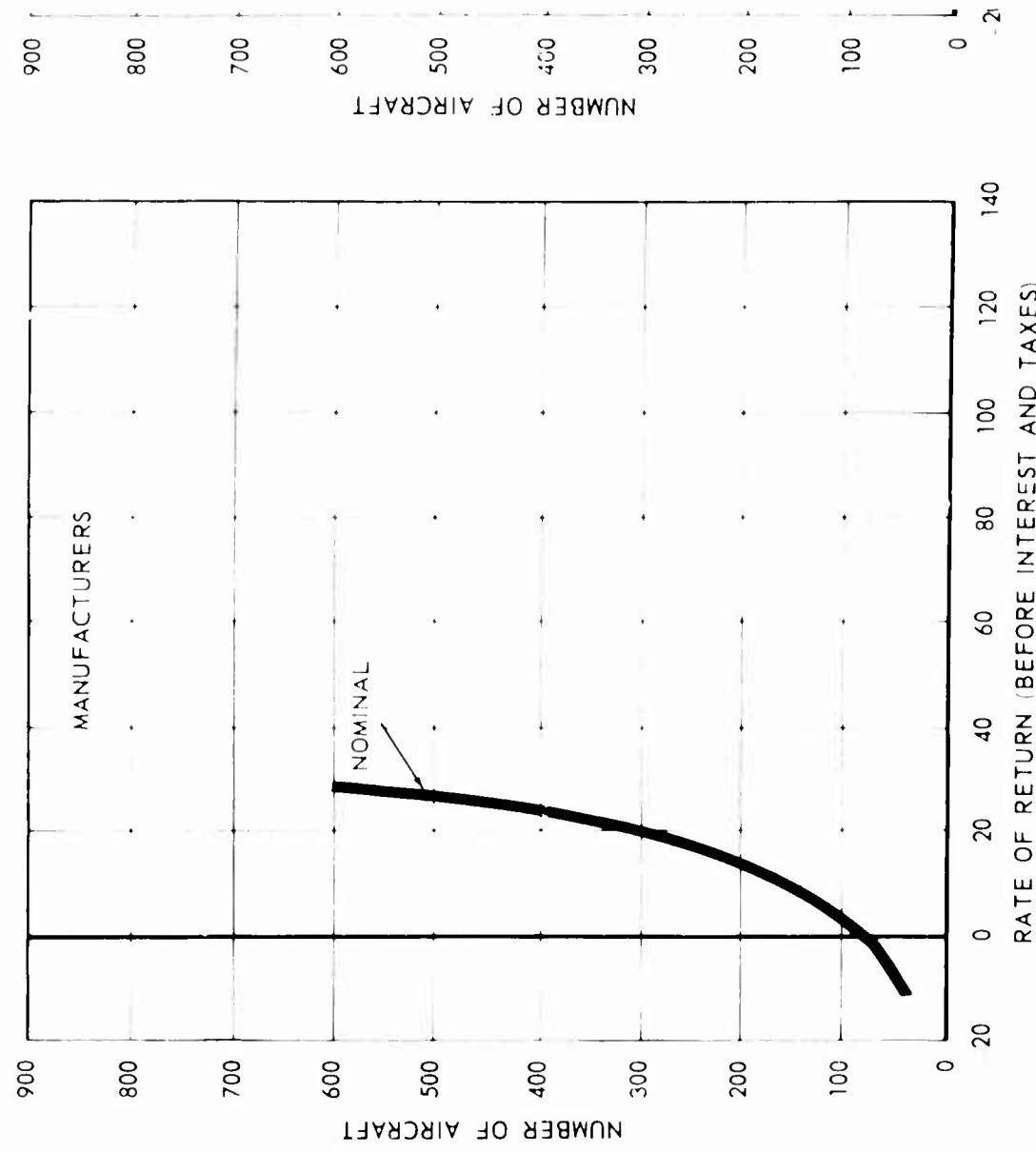
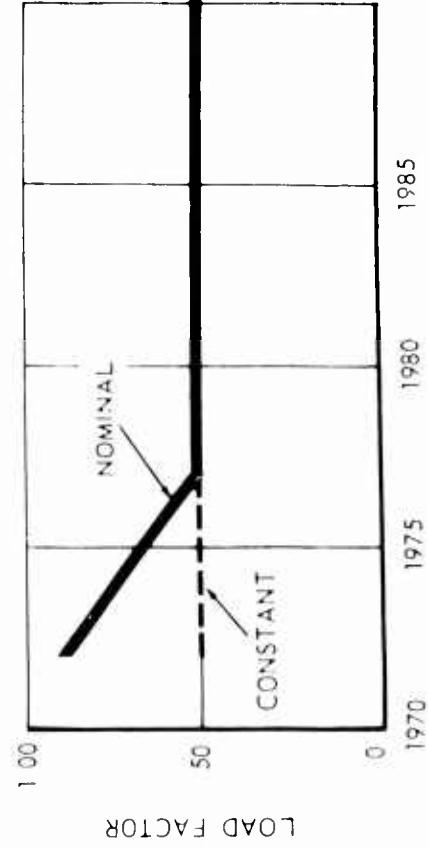
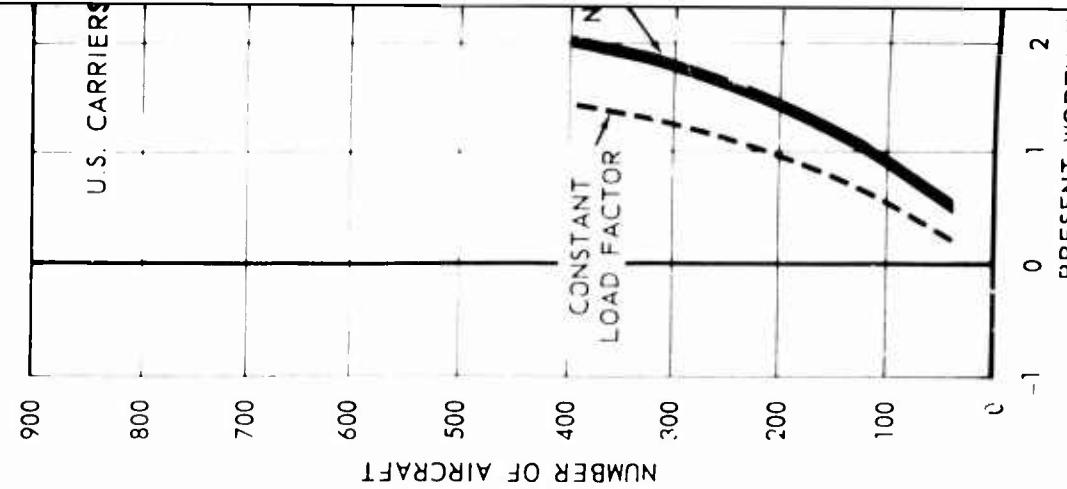
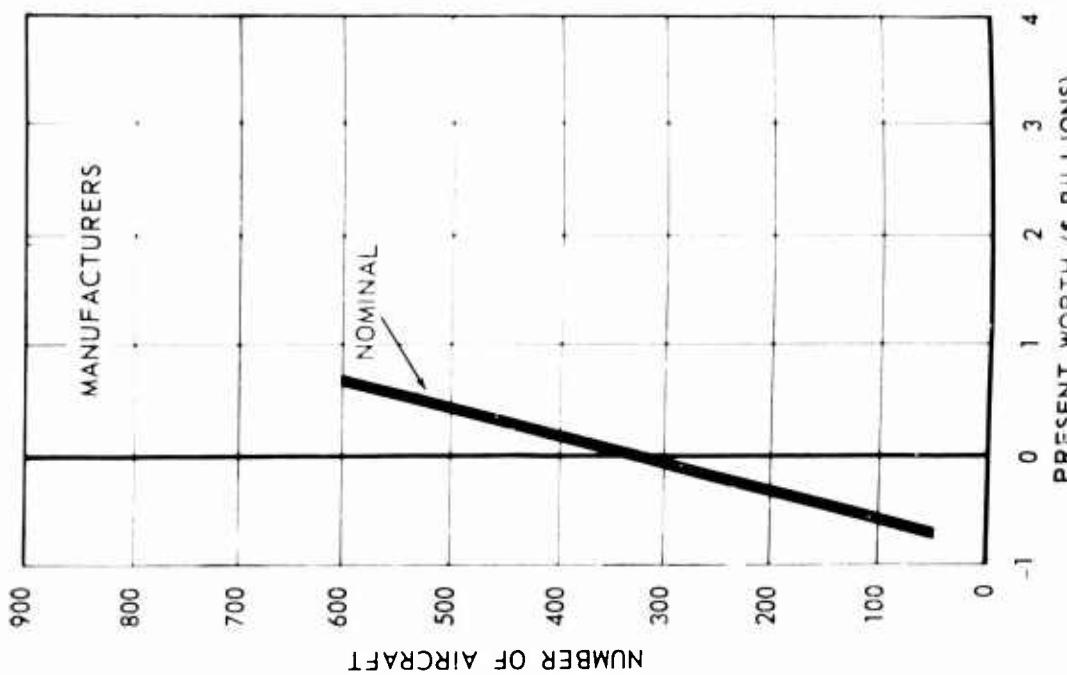
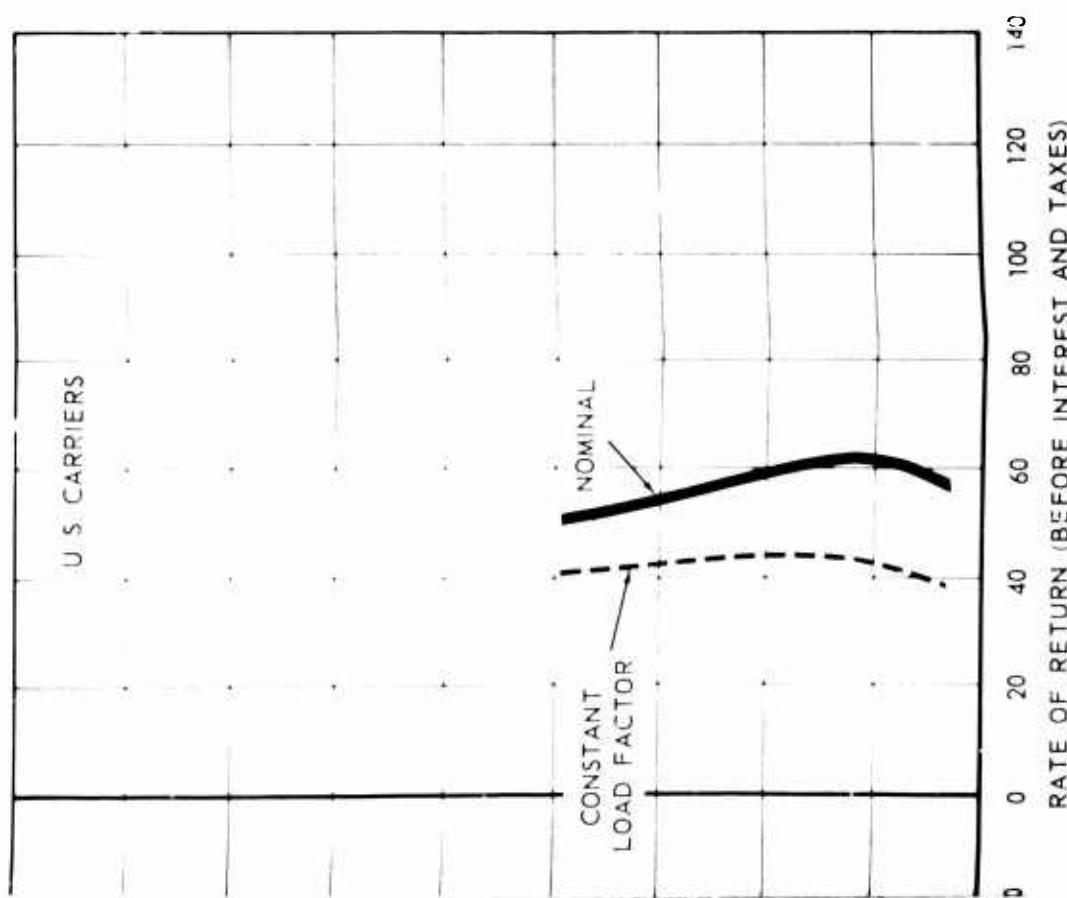


Figure S1.19. Sensitivity !



LOAD FACTOR IN INITIAL YEARS

CONFIDENTIAL



of SST Program Returns to Variation in Initial Load Factor

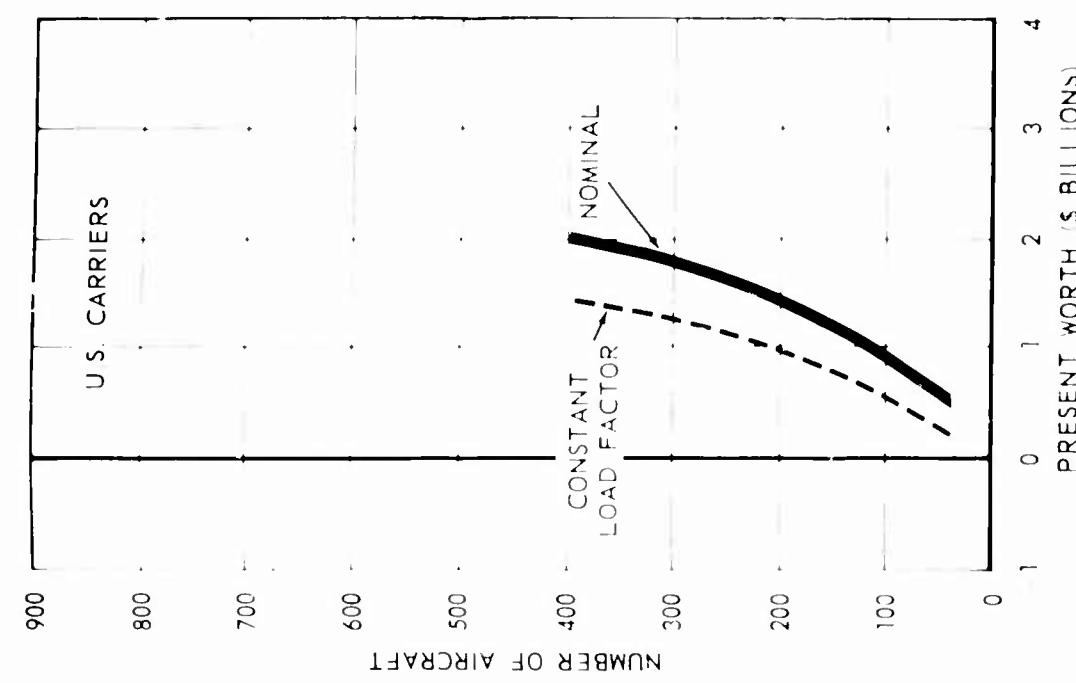
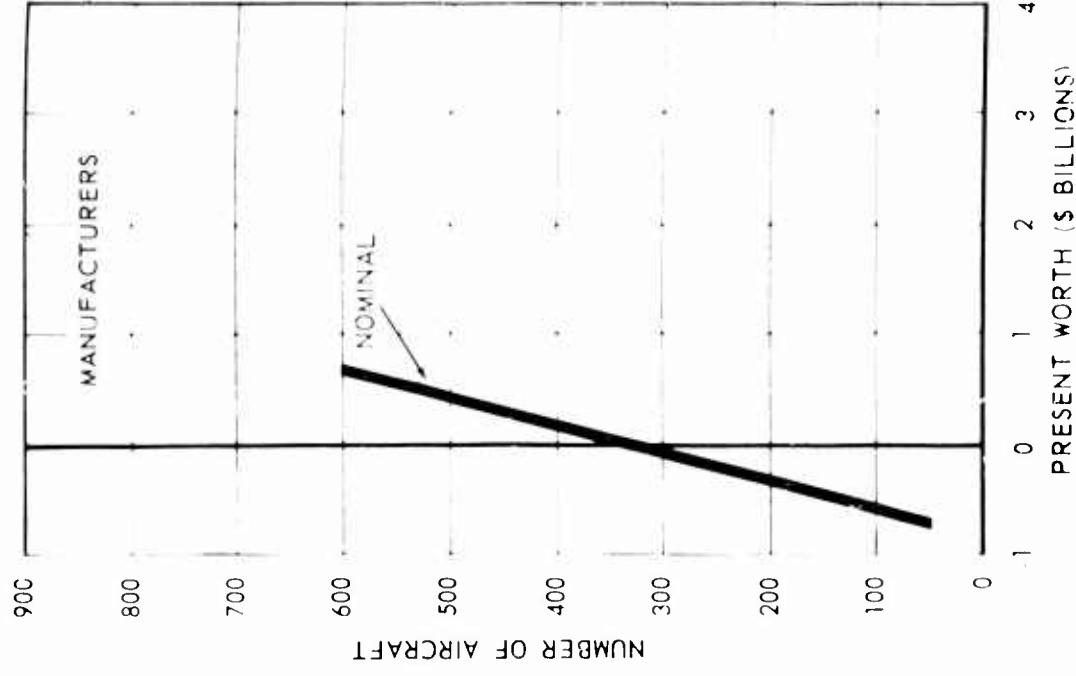


Table S1.20. Cash Flows for Manufacturers for Various Sources of Estimates, for Quantity 200 of Boeing 733-290 (1972 Program Pace), in M

a. Development and Production Cost - FAA

Year	Development Cost		Manufacturers Development Outlay		Manufacturers Production Cost		Total Manufacturers Sales		M	
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	An
1969	63.5	63.5	221.3	221.3	62.5	62.5	221.3	221.3	63.5	-6
1966	44.1	107.6	244.8	244.8	284.0	284.0	244.8	244.8	44.1	-22
1957	34.0	141.6	34.0	141.6	304.2	304.2	34.0	34.0	34.0	-30.
1968	173.0	173.0	76.0	76.0	173.0	173.0	173.0	173.0	173.0	-25.
1967	167.4	339.4	121.2	339.4	157.4	346.4	261.5	346.4	419.1	-38
1970	113.0	452.4	109.2	452.4	113.0	452.4	21.7	452.4	189.5	-47.
1971	92.4	544.8	112.5	544.8	112.5	544.8	133.7	544.8	624.9	-31.
1972	74.0	618.8	117.7	618.8	117.7	618.8	133.7	618.8	736.1	29.
1973	12.0	630.8	112.7	630.8	112.7	630.8	133.7	630.8	724.4	60.
1974	4.1	634.9	1131.0	634.9	1131.0	634.9	1372.3	634.9	669.7	70
1975	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	596.4	17
1976	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	57.4	79
1977	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	5.4	69
1978	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	1.4	10.
1979	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.4	11.
1980	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1981	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1982	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1983	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1984	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1985	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1986	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1987	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1988	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1989	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1990	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1991	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1992	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1993	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.
1994	0.0	6350.4	1131.0	6350.4	1131.0	6350.4	1372.3	6350.4	0.0	11.

gram Price), in Millions of Dollars

b. Development and Production Cost - PRC

Manufacturers s	Manufacturers Net Cash Flow		Manufacturers Production Cost		Manufacturers Development Outlay		Manufacturers Production Cost		Total Manufacturers Cost	
	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	
C.	-63.5	-63.5	1965	87.6	87.6	87.6	87.6	0.	87.6	87.6
C.	-221.3	-284.8	1966	294.4	382.0	294.4	382.0	0.	294.4	382.0
C.	-304.2	-599.0	1967	398.8	780.8	398.8	780.8	0.	398.8	780.8
C.	-253.5	-547.2	1968	242.9	1023.7	242.9	1023.7	132.3	375.2	1156.0
3C.3	-313.5	-1236.0	1969	213.4	1237.1	213.4	1237.1	408.5	540.8	1777.8
143.2	-476.0	-1717.0	1970	152.0	1389.1	152.0	1389.1	711.8	1252.6	2541.6
448.8	-319.6	-2031.6	1971	119.2	1508.3	119.2	1508.3	792.4	2045.0	3553.3
1481.2	276.5	-1735.2	1972	67.9	1576.2	67.9	1576.2	982.7	3027.7	4603.9
2811.7	610.6	-1129.2	1973	12.4	1588.6	12.4	1588.6	1024.4	4052.1	5640.8
4184.0	103.6	-425.7	1974	5.0	1593.6	5.0	1593.6	945.5	4997.6	6591.2
5557.8	177.6	351.9	1975	0.	1593.6	0.	1593.6	832.5	5830.1	7423.7
6253.5	797.7	1149.6	1976	0.	1593.6	0.	1593.6	690.3	6520.4	8114.0
7865.5	692.2	1944.8	1977	0.	1593.6	0.	1593.6	433.7	6954.1	8547.7
8112.8	106.3	1951.1	1978	0.	1593.6	0.	1593.6	175.9	7130.0	8723.6
8363.6	110.9	2662.0	1979	0.	1593.6	0.	1593.6	174.3	7304.3	9420.8
8614.4	116.2	2172.3	1980	0.	1593.6	0.	1593.6	174.3	7478.6	9072.2
8652.3	110.9	2283.8	1981	0.	1593.6	0.	1593.6	174.3	7652.9	9146.5
9116.1	110.9	2394.7	1982	0.	1593.6	0.	1593.6	174.3	7827.2	9143.8
9367.1	111.1	2505.8	1983	0.	1593.6	0.	1593.6	174.3	8001.5	10118.1
9619.1	111.1	2616.8	1984	0.	1593.6	0.	1593.6	174.3	8175.8	9769.5
9762.1	111.1	2727.9	1985	0.	1593.6	0.	1593.6	174.3	8350.1	110.8
10122.1	111.1	2335.9	1986	0.	1593.6	0.	1593.6	174.3	8524.5	10285.0
10355.8	102.2	2944.2	1987	0.	1593.6	0.	1593.6	166.9	8691.4	142.4
10364.9	92.1	3036.3	1988	0.	1593.6	0.	1593.6	1593.6	8833.8	10427.4
10726.4	73.7	3107.9	1989	0.	1593.6	0.	1593.6	1593.6	8944.6	10538.2
10843.1	23.6	3165.5	1990	0.	1593.6	0.	1593.6	1593.6	9024.2	10617.8
10914.7	33.7	3197.2	1991	0.	1593.6	0.	1593.6	48.2	9072.3	10666.0
10956.6	21.0	3218.2	1992	0.	1593.6	0.	1593.6	26.1	9098.5	10692.1
10985.1	3.5	3221.7	1993	0.	1593.6	0.	1593.6	0.	9098.5	10692.1
10995.1	0.	3221.7	1994	0.	1593.6	0.	1593.6	0.	9098.5	10692.1

Manufacturers Development Outlay		Manufacturers Production Cost		Total Manufacturers Cost		Manufacturers Sales		Total Manufacturers Sales		Manufacturers Net Cash Flow	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
87.6	87.6	0.	0.	87.6	87.6	0.	0.	-87.6	-87.6	-87.6	-87.6
94.4	382.0	0.	0.	294.4	382.0	0.	0.	-294.4	-382.0	-294.4	-382.0
98.8	780.8	0.	0.	398.8	780.8	0.	0.	-398.8	-780.8	-398.8	-780.8
42.9	1023.7	132.3	132.3	375.2	1156.0	0.	0.	-375.2	-1156.0	-375.2	-1156.0
13.4	1237.1	408.5	540.8	621.9	1777.8	39.6	39.6	-582.3	-1738.2	-582.3	-1738.2
52.0	1389.1	711.8	1252.6	863.8	2641.6	153.1	192.7	-710.7	-2449.0	-710.7	-2449.0
19.2	1508.3	792.4	2045.0	911.6	3553.3	427.0	619.7	-484.6	-2933.5	-484.6	-2933.5
67.9	1576.2	982.7	3027.7	1050.7	4603.9	1476.9	2096.6	426.2	-2507.3	426.2	-2507.3
12.4	1588.6	1024.4	4052.1	1036.9	5640.8	1911.5	4008.1	874.6	-1632.7	874.6	-1632.7
5.0	1593.6	945.5	4997.6	950.5	6591.2	1967.6	5375.7	1017.2	-615.5	1017.2	-615.5
0.	1593.6	832.5	5830.1	832.5	7423.7	1970.4	7946.1	1137.9	522.4	1137.9	522.4
0.	1593.6	690.3	6520.4	690.3	8114.0	1859.8	9805.9	1169.5	1691.9	1169.5	1691.9
0.	1593.6	433.7	6954.1	433.7	8547.7	1448.5	11254.4	1014.8	2706.7	1014.8	2706.7
0.	1593.6	175.9	7130.0	175.9	8723.6	331.8	11586.2	155.9	2862.6	155.9	2862.6
0.	1593.6	174.3	7304.3	174.3	8897.9	337.0	11923.2	162.7	3022.3	162.7	3022.3
0.	1593.6	174.3	7478.6	174.3	9072.2	337.0	12260.2	162.7	3188.0	162.7	3188.0
0.	1593.6	174.3	7652.9	174.3	9246.5	337.0	12597.3	162.7	3350.8	162.7	3350.8
0.	1593.6	174.3	7827.2	174.3	9420.8	337.0	12934.3	162.7	3513.5	162.7	3513.5
0.	1593.6	174.3	8001.5	174.3	9595.1	337.3	13271.6	163.0	3676.4	163.0	3676.4
0.	1593.6	174.3	8175.3	174.3	9769.5	337.3	13608.9	163.0	3839.4	163.0	3839.4
0.	1593.6	174.3	8350.1	174.3	9943.8	337.3	13946.1	163.0	4002.4	163.0	4002.4
0.	1593.6	174.3	8524.5	174.3	10118.1	337.3	14283.4	163.0	4165.3	163.0	4165.3
0.	1593.6	166.9	8691.4	166.9	10285.0	321.2	14604.6	154.3	4319.6	154.3	4319.6
0.	1593.6	142.4	8933.8	142.4	10427.4	277.4	14862.1	135.1	4454.7	135.1	4454.7
0.	1593.6	110.8	8944.6	110.8	10538.2	218.9	15100.9	108.0	4562.7	108.0	4562.7
0.	1593.6	79.6	9024.2	79.6	10617.8	158.2	15259.1	78.6	4641.3	78.6	4641.3
0.	1593.6	48.2	9072.3	48.2	10666.0	97.5	15356.6	49.3	4690.6	49.3	4690.6
0.	1593.6	26.1	9098.5	26.1	10692.1	57.1	15413.7	30.9	4721.5	30.9	4721.5
0.	1593.6	0.	9098.5	0.	10692.1	5.3	15418.9	5.3	726.8	5.3	726.8
0.	1593.6	0.	9098.5	0.	10692.1	0.	15418.9	0.	4726.3	0.	4726.3

Table S1.21. Cash Flows for Manufacturers for Various Sources of Estimates, for Quantity 200 of Boeing 733-290 (1974 Program Pace), in Mi

a. Production and Development Cost - FAA

Year	Development Cost		Manufacturers Development Outlay		Manufacturers Production Cost		Manufacturers Cost		Total Manufacturers Sales		Mi
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	
1965	63.3	63.3	63.3	63.3	7.	7.	63.3	63.3	0.	0.	-63
1966	221.1	284.4	221.1	284.4	0.	0.	221.1	284.4	0.	0.	-221
1967	303.9	589.3	303.9	589.3	0.	0.	303.9	588.3	0.	0.	-303
1968	173.5	761.9	173.5	761.9	0.	0.	173.5	761.8	0.	0.	-173
1969	156.3	913.1	156.3	918.1	0.	0.	156.3	918.1	0.	0.	-156
1970	112.7	1030.9	112.7	1030.9	84.4	84.4	197.2	1115.3	0.	0.	-197
1971	69.0	1093.9	69.0	1099.9	261.6	346.1	339.7	1446.0	3C.3	30.3	-300
1972	57.0	1156.9	57.0	1156.9	475.1	921.2	532.1	1979.1	113.2	143.5	-418
1973	79.9	1235.8	79.9	1236.8	535.0	1356.2	614.9	2593.0	305.3	448.9	-309
1974	15.7	1252.5	15.7	1252.5	681.8	2038.0	697.6	3290.5	1C32.5	1481.2	334
1975	0.	1252.5	0.	1252.5	714.1	2752.1	714.1	4004.6	133C.4	2811.7	616
1976	0.	1252.5	0.	1252.5	664.6	3416.7	664.6	4669.2	1372.3	4184.0	707
1977	0.	1252.5	0.	1252.5	596.2	4013.0	596.2	5265.5	1373.8	5557.8	777
1978	0.	1252.5	0.	1252.5	499.1	4512.1	499.1	5764.6	1295.8	6853.5	796
1979	0.	1252.5	0.	1252.5	316.7	4828.8	316.7	6C81.3	1C11.9	7865.5	695
1980	0.	1252.5	0.	1252.5	141.0	4969.8	141.0	6222.3	247.3	8112.8	106
1981	0.	1252.5	0.	1252.5	139.9	5109.7	139.9	6262.2	250.8	8363.6	110
1982	0.	1252.5	0.	1252.5	139.9	5249.7	139.9	6502.2	250.8	8614.4	110
1983	0.	1252.5	0.	1252.5	139.9	5389.6	139.9	6642.1	250.8	8865.3	110
1984	0.	1252.5	0.	1252.5	139.9	5529.6	139.9	6782.1	250.8	9116.1	110
1985	0.	1252.5	0.	1252.5	139.9	5669.5	139.9	6922.0	251.0	9367.1	111
1986	0.	1252.5	0.	1252.5	139.9	5809.4	139.9	7061.9	251.0	9618.1	111
1987	0.	1252.5	0.	1252.5	139.9	5949.4	139.9	7201.9	251.0	9869.1	111
1988	0.	1252.5	0.	1252.5	139.9	6089.3	139.9	7341.8	251.0	10120.1	111
1989	0.	1252.5	0.	1252.5	133.5	6222.8	133.5	7475.3	238.7	10358.8	105
1990	0.	1252.5	0.	1252.5	113.5	6336.4	113.5	7588.9	205.7	10564.5	92
1991	0.	1252.5	0.	1252.5	88.2	6424.6	88.2	7677.1	161.9	10726.4	73
1992	0.	1252.5	0.	1252.5	63.1	6487.7	63.1	7740.2	116.7	10843.1	53
1993	0.	1252.5	0.	1252.5	37.9	6525.6	37.9	7778.1	71.6	10914.7	33
1994	0.	1252.5	0.	1252.5	20.9	6546.5	20.9	7799.0	45.4	10960.1	24

am Pace), in Millions of Dollars

b. Production and Development Cost - PRC

Year	Manufacturers Net Cash Flow		Manufacturers Development Outlay		Manufacturers Production Cost		Total Manufacturers Cost	
	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	
1965	37.4	37.4	87.4	87.4	97.4	97.4	87.4	97.4
1966	-63.3	-63.3	234.1	381.5	294.1	341.1	294.1	294.1
1967	-221.1	-284.4	305.4	172.8	193.4	77.3	39.4	77.3
1968	-303.9	-586.3	242.4	102.2	242.4	102.2	24.4	102.2
1969	-173.5	-761.8	412.0	1234.3	212.0	1234.3	212.0	1234.3
1970	-156.3	-918.1	130.7	1385.1	150.9	1395.1	132.3	1517.4
1971	-197.2	-1115.3	94.7	1472.9	94.7	1479.7	50.3	2021.6
1972	-300.4	-1415.7	71.2	1559.4	71.5	1559.4	122.1	2411.5
1973	-418.9	-1834.6	107.2	1665.6	107.2	1665.6	99.0	3710.7
1974	-309.6	-2144.2	21.7	1698.2	21.7	1698.2	98.6	4714.7
1975	31.2	-1809.3	0	1689.2	0	1689.2	104.4	5739.2
1976	11.7	615.4	-1193.0	0	1682.2	0	1682.2	94.5
1977	34.0	707.7	-485.3	0	1682.2	0	1682.2	6684.7
1978	67.8	177.6	292.3	0	1653.2	0	1653.2	932.5
1979	33.5	796.6	1088.9	0	1689.2	0	1689.2	691.5
1980	55.5	695.2	1784.2	0	1689.2	0	1689.2	433.7
1981	2.8	106.3	1890.5	0	1682.2	0	1682.2	175.9
1982	33.6	110.9	2001.4	0	1689.2	0	1689.2	8618.2
1983	4.4	110.9	2112.3	0	1689.2	0	1689.2	174.3
1984	55.3	110.9	2223.2	0	1689.2	0	1689.2	174.3
1985	6.1	110.9	2334.0	0	1689.2	0	1689.2	174.3
1986	7.1	111.1	2445.1	0	1689.2	0	1689.2	174.3
1987	8.1	111.1	2556.2	0	1689.2	0	1689.2	174.3
1988	9.1	111.1	2667.2	0	1689.2	0	1689.2	174.3
1989	20.1	111.1	2778.3	0	1689.2	0	1689.2	174.3
1990	105.2	105.2	2883.5	0	1689.2	0	1689.2	174.3
1991	92.1	92.1	2975.6	0	1689.2	0	1689.2	174.3
1992	73.7	73.7	3049.3	0	1689.2	0	1689.2	174.3
1993	53.1	53.1	3102.9	0	1689.2	0	1689.2	174.3
1994	4.7	33.7	3136.5	0	1689.2	0	1689.2	174.3
2001	24.5	24.5	3161.1	0	1689.2	0	1689.2	174.3

Year	Manufacturers Development Cost		Manufacturers Outlay		Manufacturers Production Cost		Total Manufacturers Cost	
	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	
1965	37.4	37.4	87.4	87.4	97.4	97.4	87.4	97.4
1966	-63.3	-63.3	234.1	381.5	294.1	341.1	294.1	294.1
1967	-221.1	-284.4	305.4	172.8	193.4	77.3	39.4	77.3
1968	-303.9	-586.3	242.4	102.2	242.4	102.2	24.4	102.2
1969	-173.5	-761.8	412.0	1234.3	212.0	1234.3	212.0	1234.3
1970	-156.3	-918.1	130.7	1385.1	150.9	1395.1	132.3	1517.4
1971	-197.2	-1115.3	94.7	1472.9	94.7	1479.7	50.3	2021.6
1972	-300.4	-1415.7	71.2	1559.4	71.5	1559.4	122.1	2411.5
1973	-418.9	-1834.6	107.2	1665.6	107.2	1665.6	99.0	3710.7
1974	-309.6	-2144.2	21.7	1698.2	21.7	1698.2	98.6	4714.7
1975	31.2	-1809.3	0	1689.2	0	1689.2	104.4	5739.2
1976	11.7	615.4	-1193.0	0	1682.2	0	1682.2	94.5
1977	34.0	707.7	-485.3	0	1682.2	0	1682.2	6684.7
1978	67.8	177.6	292.3	0	1653.2	0	1653.2	932.5
1979	33.5	796.6	1088.9	0	1689.2	0	1689.2	691.5
1980	55.5	695.2	1784.2	0	1689.2	0	1689.2	433.7
1981	2.8	106.3	1890.5	0	1689.2	0	1689.2	175.9
1982	33.6	110.9	2001.4	0	1689.2	0	1689.2	8618.2
1983	4.4	110.9	2112.3	0	1689.2	0	1689.2	174.3
1984	55.3	110.9	2223.2	0	1689.2	0	1689.2	174.3
1985	6.1	110.9	2334.0	0	1689.2	0	1689.2	174.3
1986	7.1	111.1	2445.1	0	1689.2	0	1689.2	174.3
1987	8.1	111.1	2556.2	0	1689.2	0	1689.2	174.3
1988	9.1	111.1	2667.2	0	1689.2	0	1689.2	174.3
1989	20.1	111.1	2778.3	0	1689.2	0	1689.2	174.3
1990	105.2	105.2	2883.5	0	1689.2	0	1689.2	174.3
1991	92.1	92.1	2975.6	0	1689.2	0	1689.2	174.3
1992	73.7	73.7	3049.3	0	1689.2	0	1689.2	174.3
1993	53.1	53.1	3102.9	0	1689.2	0	1689.2	174.3
1994	4.7	33.7	3136.5	0	1689.2	0	1689.2	174.3
2001	24.5	24.5	3161.1	0	1689.2	0	1689.2	174.3

duction and Development Cost - PRC

Year	Development Cost		Manufacturers Development Outlay		Manufacturers Production Cost		Total Manufacturers Sales		Manufacturers Net Cash Flow	
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
1955	877.4	877.4	877.4	877.4	877.4	877.4	877.4	877.4	0.0	-877.4
1956	2334.1	3211.5	2334.1	3211.5	3311.1	3311.1	2944.1	2944.1	-2944.1	-3815.5
1957	303.4	1773.8	493.4	779.1	779.1	779.1	393.4	779.8	0.0	-393.4
1958	242.4	1022.2	242.4	1022.2	1022.2	1022.2	242.4	1022.3	0.0	-242.4
1959	212.0	1234.3	212.0	1234.3	1234.3	1234.3	212.0	1234.3	0.0	-212.0
1960	170.0	1385.1	1570.9	1385.1	1385.1	1385.1	283.2	1517.4	0.0	-283.2
1961	94.7	1473.9	94.7	1473.9	1473.9	1473.9	503.2	211.6	39.6	-1517.4
1962	79.0	1557.4	79.5	1559.4	1559.4	1559.4	790.5	2811.5	153.1	-463.6
1963	107.2	1666.6	107.2	1666.6	1666.6	1666.6	897.0	3711.5	192.7	-637.8
1964	21.7	1628.2	21.7	1628.2	1628.2	1628.2	1004.3	4714.7	427.0	-471.9
1965	3.0	1683.2	0.0	1538.2	1538.2	1538.2	1024.4	5739.2	1911.5	472.6
1966	0.0	1683.2	0.0	1683.2	1683.2	1683.2	945.5	6684.7	1957.6	-2615.1
1967	0.0	1683.2	0.0	1683.2	1683.2	1683.2	932.5	5428.2	7517.1	-3090.8
1968	0.0	1683.2	0.0	1683.2	1683.2	1683.2	691.5	8208.4	1859.8	1137.9
1969	0.0	1683.2	0.0	1683.2	1683.2	1683.2	433.7	8642.3	1448.5	9805.9
1970	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	9241.1	337.0	11254.4
1971	0.0	1683.2	0.0	1683.2	1683.2	1683.2	175.9	7136.0	8816.2	11586.2
1972	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	7304.3	174.3	11923.2
1973	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	9166.8	174.3	12260.2
1974	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	9241.1	337.0	12597.3
1975	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	7927.2	174.3	1627.7
1976	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	8864.7	175.9	2612.1
1977	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	8928.2	174.3	429.0
1978	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	9166.8	174.3	1597.3
1979	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	9241.1	337.0	11254.4
1980	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	7136.0	8816.2	11586.2
1981	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	7304.3	174.3	11923.2
1982	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	9166.8	174.3	12260.2
1983	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	9241.1	337.0	12597.3
1984	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	7927.2	174.3	1627.7
1985	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	8864.7	174.3	2930.7
1986	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	9864.1	174.3	3093.4
1987	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	9241.1	337.0	12597.3
1988	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	7136.0	8816.2	11586.2
1989	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	7304.3	174.3	11923.2
1990	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	9166.8	174.3	12260.2
1991	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	9241.1	337.0	12597.3
1992	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	7927.2	174.3	1627.7
1993	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	8864.7	174.3	2930.7
1994	0.0	1683.2	0.0	1683.2	1683.2	1683.2	174.3	9864.1	174.3	3093.4

a. Development and Production Cost - FAA
Operating Cost - FAA

Year	U.S. Airlines			U.S. Airlines			U.S. Airlines			U.S. Airlines		
	U.S. Airlines Acquisition Cost	Ann.	Cum.	Total Operating Cost	Ann.	Cum.	U.S. Airlines Total Outlay	Ann.	Cum.	U.S. Airlines Revenues	Ann.	Cum.
1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1966	6.	6.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1967	6.	12.	12.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1969	18.1	18.1	18.1	0.	0.	0.	18.1	18.1	0.	0.	0.	0.
1970	61.6	85.7	85.7	0.	0.	0.	67.6	85.7	0.	0.	0.	0.
1971	182.4	263.2	263.2	0.	0.	0.	182.4	268.2	0.	0.	0.	0.
1972	615.9	387.1	387.1	120.1	120.1	120.1	737.8	1006.6	417.1	417.1	0.	0.
1973	172.0	103.1	103.1	395.0	516.0	516.0	1190.6	2196.6	1227.0	1645.0	37.2	-251.6
1974	525.4	261.1	261.1	647.9	1164.4	1164.4	1467.9	3654.5	1885.2	3530.2	417.3	-134.4
1975	120.9	3321.1	3321.1	872.0	2030.4	2030.4	1692.9	5357.5	2389.0	5919.2	696.1	561.7
1976	774.3	4195.4	4195.4	1077.4	3123.4	3123.4	1871.7	7229.4	2833.1	8752.2	961.4	1523.2
1977	314.7	4700.1	4700.1	1252.0	4401.6	4401.6	1872.7	9101.8	3057.3	11810.2	185.2	2708.4
1978	147.6	4447.2	4447.2	1372.2	5773.9	5773.9	1519.4	10621.7	3313.2	15123.4	1793.2	4501.6
1979	147.9	4707.7	4707.7	1372.2	7146.1	7146.1	1522.0	12143.8	3313.2	18436.5	1791.1	6292.7
1980	149.0	5147.6	5147.6	1272.2	8518.2	8518.2	1522.0	13665.6	3313.2	21749.7	1791.1	8083.8
1981	149.9	7297.5	7297.5	1372.2	3890.4	3890.4	1522.0	15187.9	3313.2	25662.8	1791.1	9875.0
1982	149.9	5447.4	5447.4	1372.2	11262.0	11262.0	1522.0	16709.9	3313.2	28276.0	1791.1	11666.1
1983	150.0	5597.4	5597.4	1272.2	12634.7	12634.7	1522.1	18232.1	3213.2	31689.1	1791.0	13457.1
1984	150.0	5747.3	5747.3	1372.2	14006.9	14006.9	1522.1	19754.2	3313.2	35002.3	1791.0	15248.1
1985	150.0	5897.3	5897.3	1372.2	15379.0	15379.0	1522.1	21276.4	3313.2	38215.4	1791.0	17039.1
1986	150.0	6047.3	6047.3	1372.2	16751.2	16751.2	1522.1	22798.5	3313.2	41623.6	1791.0	18830.1
1987	142.7	6190.0	6190.0	1271.9	18023.1	18023.1	1414.6	24213.1	3051.1	44679.7	1636.5	20466.6
1988	122.9	6312.9	6312.9	1033.7	19056.8	19056.8	1156.6	25369.7	2477.0	47156.7	1320.4	21787.0
1989	70.7	6409.6	727.7	19854.2	894.4	894.4	26264.1	1917.7	49074.4	1623.3	22810.3	126.0
1990	69.8	5479.3	568.9	20423.4	638.7	638.7	26902.8	1377.1	50451.5	738.5	23548.7	0.
1991	42.8	6527.1	319.9	20743.3	362.7	362.7	27265.4	776.8	51228.3	414.1	23962.8	0.
1992	25.0	6547.2	104.2	20847.5	129.2	129.2	27394.6	255.2	51483.5	126.0	24088.8	0.
1993	2.1	6547.3	0.	20847.5	2.1	2.1	27396.8	0.	51483.5	-2.1	24086.7	0.
1994	0.	6547.3	0.	20847.5	0.	0.	27396.8	0.	51483.5	0.	24086.7	0.

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U.S. Interest in SST Program		Net Cash Flows	
Ann.	Cum.	Ann.	Cum.

U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
0.	0.	0.	0.	0.	0.	-63.5	-63.5
0.	0.	0.	0.	0.	0.	-221.3	-284.8
0.	0.	0.	0.	0.	0.	-304.2	-589.0
0.	0.	0.	0.	0.	0.	-258.3	-847.2
0.	0.	18.1	18.1	-18.1	-18.1	-406.9	-1254.1
0.	0.	67.6	35.7	35.7	35.7	-543.6	-1797.7
0.	0.	182.4	258.2	258.2	258.2	-502.0	-2299.7
120.1	120.9	737.6	1026.8	417.1	-326.7	-24.3	-2324.0
395.6	516.2	1190.6	2136.6	1227.3	37.2	643.2	-1680.8
647.9	1164.4	1467.9	3654.5	1885.2	3530.2	1120.8	-566.0
872.1	2036.4	1692.9	5357.5	2389.9	5919.2	696.1	1473.7
117.4	3123.4	1871.7	7229.1	2833.1	8752.3	961.4	1759.1
252.0	4461.6	1872.7	9101.8	3057.3	11810.2	1185.2	2708.4
372.2	5773.9	1519.4	10521.7	3313.2	15123.4	1793.2	4501.6
372.2	7146.1	1522.0	12143.6	3313.2	18436.5	1791.1	6292.7
272.2	8518.7	1522.0	13655.7	3313.2	21749.7	1791.1	8083.8
272.2	3890.4	1522.0	15137.9	3313.2	25562.8	1791.1	9875.0
472.2	11262.0	1522.0	16709.9	3313.2	28276.0	1791.1	11666.1
272.2	12634.7	1522.1	18232.1	3313.2	31689.1	1791.1	13457.1
372.2	14006.0	1522.1	19734.2	3313.2	35502.3	1791.1	15248.1
372.2	15379.6	1522.1	21276.4	3313.2	38215.4	1791.1	17039.1
372.2	16751.2	1522.1	22795.5	3313.2	41623.6	1791.1	18830.1
271.9	18023.1	1414.6	24213.1	3051.1	44679.7	1636.5	20466.6
233.7	19056.8	1156.6	25369.7	2477.0	47156.7	1320.4	21787.0
137.7	19854.2	894.4	26264.1	1917.7	49074.4	1023.3	22810.3
508.9	20423.4	638.7	26902.8	1377.1	50451.5	738.5	23548.7
319.9	20743.3	362.7	27265.4	776.8	51228.3	414.1	23962.8
104.2	20847.5	129.2	27394.6	255.2	51483.5	126.0	24088.8
0.	20847.5	2.1	27396.8	0.	51483.5	-2.1	24086.7
0.	20847.5	0.	27396.8	0.	51483.5	0.	24086.7
							-0.
							27308.5

U.S. Airlines		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	18.1	18.1	18.1	18.1	-18.1	-18.1
0.	0.	67.6	35.7	35.7	35.7	-67.6	-85.7
0.	0.	182.4	258.2	258.2	258.2	-182.4	-268.2
120.1	120.9	737.6	1026.8	417.1	-326.7	-24.3	-2324.0
395.6	516.2	1190.6	2136.6	1227.3	37.2	643.2	-1680.8
647.9	1164.4	1467.9	3654.5	1885.2	3530.2	1120.8	-566.0
872.1	2036.4	1692.9	5357.5	2389.9	5919.2	696.1	1473.7
117.4	3123.4	1871.7	7229.1	2833.1	8752.3	961.4	1759.1
252.0	4461.6	1872.7	9101.8	3057.3	11810.2	1185.2	2708.4
372.2	5773.9	1519.4	10521.7	3313.2	15123.4	1793.2	4501.6
372.2	7146.1	1522.0	12143.6	3313.2	18436.5	1791.1	6292.7
272.2	8518.7	1522.0	13655.7	3313.2	21749.7	1791.1	8083.8
272.2	3890.4	1522.0	15137.9	3313.2	25562.8	1791.1	9875.0
472.2	11262.0	1522.0	16709.9	3313.2	28276.0	1791.1	11666.1
272.2	12634.7	1522.1	18232.1	3313.2	31689.1	1791.1	13457.1
372.2	14006.0	1522.1	19734.2	3313.2	35502.3	1791.1	15248.1
372.2	15379.6	1522.1	21276.4	3313.2	38215.4	1791.1	17039.1
372.2	16751.2	1522.1	22795.5	3313.2	41623.6	1791.1	18830.1
271.9	18023.1	1414.6	24213.1	3051.1	44679.7	1636.5	20466.6
233.7	19056.8	1156.6	25369.7	2477.0	47156.7	1320.4	21787.0
137.7	19854.2	894.4	26264.1	1917.7	49074.4	1023.3	22810.3
508.9	20423.4	638.7	26902.8	1377.1	50451.5	738.5	23548.7
319.9	20743.3	362.7	27265.4	776.8	51228.3	414.1	23962.8
104.2	20847.5	129.2	27394.6	255.2	51483.5	126.0	24088.8
0.	20847.5	2.1	27396.8	0.	51483.5	-2.1	24086.7
0.	20847.5	0.	27396.8	0.	51483.5	0.	24086.7

Table S1.22. Cash Flows for U.S. Airlines and for "U.S. Interest in SST Program" for Various Sources of Estimates, for Quantity 200 of Bc
(Fares of 1.1 Times Current Fares), in Millions of Dollars

b. Production and Development Cost - FAA
Operating Cost - ORI

Year	U.S. Airlines			U.S. Airlines			U.S. Airlines			U.S. Airlines		
	Acquisition Cost	Total Operating Cost	Cum.	Ann.	Cum.		Total Outlay	Revenues	Cum.	Ann.	Cum.	Net Cash Flows
Ann.	Cum.		Ann.	Cum.		Ann.	Cum.		Ann.	Cum.		
1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1969	18.1	18.1	0.	0.	0.	0.	18.1	18.1	0.	0.	-18.1	-18.1
1970	67.6	85.7	0.	0.	0.	0.	67.6	85.7	0.	0.	-67.6	-85.7
1971	182.4	268.2	0.	0.	0.	0.	182.4	268.2	0.	0.	-182.4	-268.2
1972	616.9	885.1	193.3	193.3	810.2	1078.4	417.1	417.1	-393.1	-661.2		
1973	795.0	1680.1	632.9	826.2	1427.9	2506.3	1227.8	1645.0	-200.1	-861.3		
1974	820.0	2500.1	1028.7	1854.9	1848.7	4355.0	1885.2	3530.2	36.5	-824.7		
1975	820.9	3321.1	1372.6	3227.4	2193.5	6548.5	2389.0	5919.2	195.6	-629.3		
1976	774.3	4095.4	1705.6	4933.0	2479.9	9028.4	2833.1	8752.3	353.2	-276.1		
1977	604.7	4700.1	1940.4	6873.4	2545.1	11573.5	3057.9	11810.2	512.9	236.8		
1978	147.8	4847.8	2100.3	8973.7	2248.1	13821.5	3313.2	15123.4	1065.1	1301.8		
1979	149.9	4997.7	2100.3	11074.0	2250.2	16071.7	3313.2	18436.5	1063.0	2364.8		
1980	149.9	5147.6	2100.3	13174.3	2250.2	18321.9	3313.2	21749.7	1063.0	3427.8		
1981	149.9	5297.5	2100.3	15274.6	2250.2	20572.1	3313.2	25C62.8	1063.0	4490.8		
1982	149.9	5447.4	2100.3	17374.9	2250.2	22822.2	3313.2	28376.0	1063.0	5553.8		
1983	150.0	5597.4	2100.3	19475.2	2250.3	25072.5	3313.2	31689.1	1062.9	6616.6		
1984	150.0	5747.3	2100.3	21575.4	2250.3	27322.8	3313.2	35C02.3	1062.9	7679.5		
1985	150.0	5897.3	2100.3	23675.7	2250.3	29573.1	3313.2	38315.4	1062.9	8742.4		
1986	150.0	6047.3	2100.3	25776.0	2250.3	31823.3	3313.2	41628.4	1062.9	9805.3		
1987	142.7	6190.0	1950.6	27726.6	2093.2	33916.6	3051.1	44679.7	957.8	10763.1		
1988	122.9	6312.9	1588.9	29315.5	1711.6	35628.3	2477.0	47156.7	765.3	11528.4		
1989	96.7	6409.6	1227.9	30543.4	1324.7	36953.0	1917.7	49074.4	593.0	12121.4		
1990	69.8	6479.3	874.9	31418.3	944.6	37897.6	1377.1	50451.5	432.5	12553.9		
1991	42.8	6522.1	491.5	31909.8	534.3	38431.9	776.8	51228.3	242.5	12796.4		
1992	25.0	6547.2	159.9	32069.7	184.9	38616.9	255.2	51483.5	70.3	12866.6		
1993	2.1	6549.3	0.	32069.7	2.1	38619.0	0.	51483.5	-2.1	12864.5		
1994	0.	6549.3	0.	32069.7	0.	38619.0	0.	51483.5	0.	12864.5		

c. Production and Development Cost - PRC
Operating Cost - ORI

		U.S. Airlines				U.S. Airlines				U.S. Airlines			
		Year		U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		Cash Flow	
		Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
-63.5	-63.5	1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-221.3	-284.8	1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-304.2	-589.0	1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-258.3	-847.2	1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-400.9	-1254.1	1969	23.7	23.7	0.	0.	23.7	23.7	0.	0.	0.	0.	-23.7
-543.6	-1797.7	1970	91.5	115.1	0.	0.	91.5	115.1	0.	0.	0.	0.	-91.5
-502.0	-2299.7	1971	295.2	370.3	0.	0.	295.2	370.3	0.	0.	0.	0.	-255.2
-96.7	-2396.2	1972	882.5	1252.8	193.3	193.3	1075.8	1446.1	417.1	417.1	-658.7	-658.7	-547.3
405.9	-1990.5	1973	1142.2	2395.1	632.9	826.2	1775.1	3221.2	1227.8	1645.0	-547.3	-547.3	-319.3
740.0	-1250.5	1974	1175.8	3570.8	1854.9	1854.9	2204.5	5425.7	1885.2	3530.2	-160.9	-160.9	-160.9
973.2	-277.4	1975	1177.4	4746.2	1372.6	3227.4	2550.0	7975.7	2389.0	5919.2	-160.9	-160.9	-160.9
1150.8	873.5	1976	1111.3	5853.6	1705.6	4933.0	2816.9	1C792.6	2833.1	8752.3	16.1	16.1	16.1
1208.1	2081.6	1977	865.5	6725.1	1940.4	6873.4	2805.9	13598.5	3057.9	11810.2	252.0	252.0	252.0
1171.4	3253.0	1978	198.3	6923.4	2100.3	8973.7	2298.5	15897.1	3313.2	15123.4	1014.6	1014.6	1014.6
1173.9	4426.8	1979	201.4	7124.8	2100.3	11074.0	2301.7	18198.8	3313.2	18436.5	1011.5	1011.5	1011.5
1173.9	5600.7	1980	201.4	7326.2	2100.3	13174.3	2301.7	20500.5	3313.2	21749.7	1011.5	1011.5	1011.5
1173.9	6774.6	1981	201.4	7527.6	2100.3	15274.6	2301.7	22802.1	3313.2	25062.8	1011.5	1011.5	1011.5
1173.9	7948.4	1982	201.4	7729.0	2100.3	17374.9	2301.7	25103.8	3313.2	28376.0	1011.5	1011.5	1011.5
1173.9	9122.4	1983	201.5	7930.5	2100.3	19475.2	2301.8	27405.7	3313.2	31689.1	1011.3	1011.3	1011.3
1173.9	10296.3	1984	201.5	8132.0	2100.3	21575.4	2301.8	29707.5	3313.2	35002.3	1011.3	1011.3	1011.3
1173.9	11470.2	1985	201.5	8333.6	2100.3	23675.7	2301.8	32009.3	3313.2	38315.4	1011.3	1011.3	1011.3
1173.9	12644.2	1986	201.5	8535.1	2100.3	25776.0	2301.8	34311.1	3313.2	41623.6	1011.3	1011.3	1011.3
1063.1	13707.3	1987	192.0	8727.1	1950.6	27726.0	2142.5	36453.7	3051.1	44679.7	906.5	906.5	906.5
857.4	14564.6	1988	165.8	8892.8	1538.9	29315.5	1754.7	38208.3	2477.0	47156.7	722.4	722.4	722.4
666.7	15231.3	1989	130.8	9023.6	1227.9	30543.4	1358.7	39567.0	1917.7	49074.4	559.0	559.0	559.0
486.1	15717.4	1990	94.5	9118.1	874.9	31418.3	969.4	40536.4	1377.1	50451.5	407.7	407.7	407.7
276.1	15993.6	1991	58.3	9176.4	491.5	31909.8	549.8	41086.2	776.8	51228.3	227.0	227.0	227.0
91.3	16084.8	1992	34.1	9210.5	159.9	32069.7	194.0	41280.2	255.2	51483.5	61.2	61.2	61.2
1.4	16086.3	1993	3.2	9213.7	0.	32069.7	3.2	41283.4	0.	51493.5	-3.2	-3.2	-3.2
-0.	16086.3	1994	0.	9213.7	0.	32069.7	0.	41283.4	0.	51483.5	0.	51483.5	0.

		U.S. Airlines				U.S. Airlines				U.S. Airlines			
		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows	
Yr.	Ann.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-87.6	-87.6
1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-294.4	-382.0
2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-398.8	-780.8
3.	7	0.	0.	23.7	23.7	0.	0.	0.	0.	0.	0.	-375.2	-1156.0
4.	1	0.	0.	91.5	115.1	0.	0.	0.	0.	0.	0.	-605.9	-1761.9
5.	3	0.	0.	255.2	370.3	0.	0.	0.	0.	0.	0.	-802.2	-2564.1
6.	8	193.3	193.3	1075.8	1446.1	417.1	417.1	0.	0.	-23.7	-23.7	-739.8	-3303.9
7.	1	632.9	826.2	1775.1	3221.2	1227.8	1645.0	0.	0.	-91.5	-91.5	-1029.0	-3536.3
8.	1	1028.7	1854.9	2204.5	5425.7	1885.2	3530.2	0.	0.	-265.2	-265.2	-547.3	-1576.3
9.	2	1372.6	3227.4	2550.0	7975.7	2389.0	5919.2	0.	0.	-370.3	-370.3	-319.3	-1895.5
10.	6	1705.6	4933.0	2816.9	1C792.6	2833.1	8752.3	0.	0.	-658.7	-658.7	-157.3	-3208.9
11.	1	1940.4	6873.4	2805.9	13528.5	3057.9	11810.2	0.	0.	-1895.5	-1895.5	697.9	-2511.1
12.	4	2100.3	8973.7	2298.5	15897.1	3313.2	15123.4	0.	0.	-2056.5	-2056.5	377.0	-1534.1
13.	8	2100.3	11074.0	2301.7	18198.8	3313.2	18436.5	0.	0.	-160.9	-160.9	1185.7	-348.4
14.	2	2100.3	13174.3	2301.7	20500.5	3313.2	21749.7	0.	0.	-2040.3	-2040.3	1266.8	918.4
15.	6	2100.3	15274.6	2301.7	22902.1	3313.2	25062.8	0.	0.	-1788.3	-1788.3	1014.6	-773.7
16.	c	2100.3	17374.9	2301.7	25103.8	3313.2	28376.0	0.	0.	-773.7	-773.7	1170.5	2088.9
17.	5	2100.3	19475.2	2301.8	27405.7	3313.2	31689.1	0.	0.	1011.5	1011.5	1174.2	3263.1
18.	c	2100.3	21575.4	2301.8	29707.5	3313.2	35002.3	0.	0.	1011.5	1011.5	1174.2	4437.3
19.	6	2100.3	23675.7	2301.8	32009.3	3313.2	38315.4	0.	0.	1011.5	1011.5	1174.2	5611.4
20.	1	2100.3	25776.0	2301.8	34311.1	3313.2	41628.6	0.	0.	1011.5	1011.5	1174.2	6785.6
21.	1	1950.6	27726.0	2142.5	36453.7	3051.1	44679.7	0.	0.	1011.3	1011.3	1174.3	7959.9
22.	1	1588.9	29315.5	1754.7	38208.3	2477.0	47156.7	0.	0.	1011.3	1011.3	1174.3	9134.2
23.	8	1227.9	30543.4	1358.7	39567.0	1917.7	49074.4	0.	0.	1011.3	1011.3	1174.3	10308.5
24.	1	874.9	31418.3	969.4	40536.4	1377.1	50451.5	0.	0.	7317.5	7317.5	1174.3	11482.8
25.	4	491.5	31909.8	549.8	41086.2	776.8	51228.3	0.	0.	407.7	407.7	9915.1	486.3
26.	5	159.9	32069.7	194.0	41280.2	255.2	51483.5	0.	0.	5294.8	5294.8	10142.1	14556.4
27.	7	0.	32069.7	3.2	41283.4	0.	51483.5	0.	0.	8226.0	8226.0	10203.3	12545.6
28.	7	32069.7	0.	41283.4	0.	51483.5	0.	0.	61.2	61.2	92.1	857.4	

		U.S. interest in SST Program						
		Net Cash Flows						
Yr.	Ann.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	
0.	0.	0.	0.	0.	0.	-87.6	-87.6	
1.	0.	0.	0.	0.	0.	-294.4	-382.0	
2.	0.	0.	0.	0.	0.	-398.8	-780.8	
3.	7	0.	0.	23.7	23.7	-23.7	-23.7	
4.	1	0.	0.	91.5	115.1	-91.5	-91.5	
5.	3	0.	0.	255.2	370.3	-265.2	-265.2	
6.	8	193.3	193.3	1075.8	1446.1	-658.7	-658.7	
7.	1	632.9	826.2	1775.1	3221.2	-1029.0	-1029.0	
8.	1	1028.7	1854.9	2204.5	5425.7	-1576.3	-1576.3	
9.	2	1372.6	3227.4	2550.0	7975.7	-3208.9	-3208.9	
10.	6	1705.6	4933.0	2816.9	1C792.6	-3208.9	-3208.9	
11.	1	1940.4	6873.4	2805.9	13528.5	-3208.9	-3208.9	
12.	4	2100.3	8973.7	2298.5	15897.1	-3208.9	-3208.9	
13.	8	2100.3	11074.0	2301.7	18198.8	-3208.9	-3208.9	
14.	2	2100.3	13174.3	2301.7	20500.5	-3208.9	-3208.9	
15.	6	2100.3	15274.6	2301.7	22902.1	-3208.9	-3208.9	
16.	c	2100.3	17374.9	2301.7	25103.8	-3208.9	-3208.9	
17.	5	2100.3	19475.2	2301.8	27405.7	-3208.9	-3208.9	
18.	c	2100.3	21575.4	2301.8	29707.5	-3208.9	-3208.9	
19.	6	2100.3	23675.7	2301.8	32009.3	-3208.9	-3208.9	
20.	1	2100.3	25776.0	2301.8	34311.1	-3208.9	-3208.9	
21.	1	1950.6	27726.0	2142.5	36453.7	-3208.9	-3208.9	
22.	1	1588.9	29315.5	1754.7	38208.3	-3208.9	-3208.9	
23.	8	1227.9	30543.4	1358.7	39567.0	-3208.9	-3208.9	
24.	1	874.9	31418.3	969.4	40536.4	-3208.9	-3208.9	
25.	4	491.5	31909.8	549.8	41086.2	-3208.9	-3208.9	
26.	5	159.9	32069.7	194.0	41280.2	-3208.9	-3208.9	
27.	7	0.	32069.7	3.2	41283.4	-3.2	-3.2	
28.	7	32069.7	0.	41283.4	0.	51483.5	0.	51483.5

a. Production and Development Cost - FAA
Operating Cost - FAA

Year	U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines	
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Revenues	Total Outlay	Net Cash Flows	Ann.
1965	6.1	6.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-63.1
1966	5.1	5.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-221.1
1967	5.1	5.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-304.1
1968	6.1	6.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-258.1
1969	10.1	10.1	0.1	0.1	13.1	13.1	0.1	0.1	0.1	-406.1
1970	6.7.6	85.7	0.1	0.1	67.6	85.7	0.1	0.1	0.1	-543.1
1971	18.2.4	268.2	0.1	0.1	182.4	268.2	0.1	0.1	0.1	-502.1
1972	61.6.9	885.1	120.9	120.9	737.8	1006.0	380.6	30.6	-357.2	-60.1
1973	79.5.0	1687.1	395.6	516.5	1190.6	2196.6	1120.8	1501.5	-69.8	536.1
1974	320.0	2500.1	647.9	1164.4	1467.9	3664.5	1721.4	3222.8	253.4	957.1
1975	320.9	321.1	872.0	2036.4	1692.9	3357.2	2182.0	5404.9	489.1	1266.1
1976	117.4.3	4095.4	1097.4	3135.8	1871.7	7229.1	2588.8	7933.6	717.1	1514.1
1977	604.7	470.1	1268.0	4401.8	1872.7	9101.8	2795.9	10789.6	923.2	1687.8
1978	147.8	4847.8	1372.2	5773.9	1513.9	10621.7	3029.2	13818.8	1509.3	3197.0
1979	149.9	4997.7	1372.2	7146.1	1922.0	12143.8	3029.2	16848.0	1507.2	4704.2
1980	149.9	5147.6	1372.2	8518.2	1522.0	13665.5	3029.2	19817.2	1507.2	6211.4
1981	149.9	5297.6	1372.2	3890.4	1522.0	15187.9	3029.2	22306.4	1507.2	1718.5
1982	149.9	5397.3	1372.2	11262.6	1522.0	16799.9	3029.2	25935.6	1507.2	9225.7
1983	150.0	5747.3	1372.2	12634.7	1522.1	18232.1	3029.2	28964.9	1507.1	10732.8
1984	150.0	5747.3	1372.2	14006.9	1522.1	19754.2	3029.2	31934.1	1507.1	12239.8
1985	150.0	5897.3	1372.2	15379.0	1522.1	21276.4	3029.2	3523.3	1507.1	13746.9
1986	150.0	5047.3	1372.2	16751.2	1522.1	22738.5	3029.2	38052.5	1507.1	15254.0
1987	142.7	5190.0	1271.3	18023.1	1414.6	24213.1	2789.6	40842.1	1375.0	16623.0
1988	124.9	5312.9	1033.7	19056.6	1153.6	25309.7	2264.5	43106.5	1107.9	17736.8
1989	95.7	5409.8	797.7	19354.7	894.4	26264.1	1753.1	44839.6	858.6	18595.5
1990	67.8	5472.3	568.9	20423.4	638.7	26902.5	1259.0	46118.6	620.4	19215.8
1991	42.8	5522.1	317.9	20743.3	362.7	27265.4	710.2	4628.8	347.5	19563.3
1992	23.0	5547.2	154.2	20847.2	161.2	27394.6	233.3	47052.1	104.1	19867.4
1993	2.1	5547.3	7.1	20847.5	1.1	27395.5	2.1	47052.1	-2.1	19665.3
1994	0.1	5547.3	0.1	20847.5	0.1	27395.5	0.1	47052.1	1	19665.3

U.S. Airlines	SST	Cost	U.S. Airlines	SST	Cost	U.S. Airlines	SST	Cost	U.S. Airlines	SST
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0

U.S. Airlines		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows	
Airlines Operating Cost	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
0.	0.	0.	0.	0.	0.	0.	-63.5
0.	0.	0.	0.	0.	0.	0.	-221.3
0.	0.	0.	0.	0.	0.	0.	-284.8
0.	0.	0.	0.	0.	0.	0.	-304.2
0.	0.	0.	0.	0.	0.	0.	-589.0
0.	0.	0.	0.	0.	0.	0.	-258.3
0.	0.	0.	0.	0.	0.	0.	-847.2
0.	18.1	18.1	0.	0.	-18.1	-18.1	-406.9
0.	67.6	85.7	0.	0.	-67.6	-85.7	-1254.1
0.	182.4	268.2	0.	0.	-182.4	-268.2	-543.6
0.	737.8	1006.0	380.6	380.6	-357.2	-625.3	-1791.7
6	1190.6	2196.6	1120.8	1501.5	-69.8	-695.1	-502.0
9	1467.9	3664.5	1721.4	3222.8	253.4	-441.7	-2299.7
0	2036.4	1692.9	5357.5	2182.0	5404.9	489.1	-60.8
9	120.9	1871.7	7229.1	2588.8	793.6	717.1	-2360.6
6	516.5	4401.8	9101.8	2795.9	10789.6	923.2	536.2
9	1164.4	1872.7	10621.7	3029.2	13818.8	1509.3	-1824.3
2	5773.9	1519.9	12143.8	3029.2	16848.0	1507.2	957.0
2	7146.1	1522.0	13665.8	3029.2	19817.2	1507.2	-867.4
2	8518.2	1522.0	15187.9	3029.2	22906.4	1507.2	1266.7
2	9890.4	1522.0	16709.9	3029.2	25935.6	1507.2	399.3
2	11262.6	1522.0	18232.1	3029.2	28964.9	1507.1	1914.1
2	12634.7	1522.1	19754.2	3029.2	31994.1	1507.1	3532.6
2	14006.9	1522.1	21276.4	3029.2	35C23.3	1507.1	5148.2
2	15379.0	1522.1	22778.5	3029.2	38C52.5	1507.1	6766.2
2	16751.2	1522.1	24213.1	2789.6	40842.1	1507.1	16474.8
9	18023.1	1414.6	25369.7	2264.5	43106.5	1507.1	16474.8
7	19056.8	1156.6	26254.1	1753.1	44859.6	1507.1	18092.9
7	19854.5	894.4	26902.5	2159.0	46118.6	1507.1	21705.4
9	20423.4	638.7	27265.4	2789.6	46828.8	1507.1	674.0
9	20743.3	362.7	27394.6	233.3	47C52.1	104.1	22379.3
2	20847.0	121.2	27396.0	27396.0	47C52.1	-2.1	347.5
2	20847.5	2.1	27396.0	27396.0	47C52.1	0.	1480.2
9	20847.5	0.	27396.0	27396.0	47C52.1	0.	381.2
7	20847.5	0.	27396.0	27396.0	47C52.1	0.	125.1
7	20847.5	0.	27396.0	27396.0	47C52.1	0.	22887.1
9	20847.5	0.	27396.0	27396.0	47C52.1	0.	-0.
9	20847.5	0.	27396.0	27396.0	47C52.1	0.	22887.1

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Table S1.23. Cash Flows for U.S. Airlines and for "U.S. Interest in SST Program" for Various Sources of Estimates, for Quantity 200
 (Fares of 1.0 Times Current Fares), in Millions of Dollars

b. Production and Development Cost - FAA
 Operating Cost - ORI

Year	U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows	
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1969	16.1	13.1	0.	0.	18.1	18.1	-18.1	-18.1	-18.1	-18.1
1970	67.6	85.7	0.	0.	67.6	85.7	0.	0.	-67.6	-85.7
1971	122.4	258.2	0.	0.	182.4	258.2	0.	0.	-182.4	-268.2
1972	616.9	885.1	193.3	193.3	810.2	1078.4	380.6	380.6	-429.6	-697.8
1973	795.0	1682.1	632.9	826.2	1427.9	2506.3	1120.8	1521.5	-307.1	-1004.8
1974	120.0	2507.1	1028.7	1854.9	1848.7	4355.0	1721.4	3222.8	-127.4	-1132.2
1975	620.9	3321.1	1372.6	3227.4	2193.5	6248.5	2182.0	5404.9	-11.5	-1143.6
1976	774.3	4095.4	1725.6	4933.5	2479.9	9028.4	2582.4	7993.6	108.9	-1034.8
1977	64.7	470.1	1940.4	6873.4	2545.1	11573.5	2797.9	10789.6	250.9	-783.9
1978	147.8	4947.3	2109.3	3973.7	2248.1	13221.5	3023.2	13818.8	781.2	-2.8
1979	149.9	4977.7	2120.5	11074.5	2250.2	16671.7	3229.2	16848.0	779.0	776.3
1980	149.9	5147.6	2100.3	13174.3	2250.2	18321.7	3029.2	19877.2	779.0	1555.3
1981	147.9	5297.5	2103.3	15214.6	2252.2	20572.1	3029.2	22906.4	779.0	2334.4
1982	149.9	5447.4	2100.3	17374.4	2250.2	22522.2	3029.2	25935.6	779.0	3113.4
1983	150.0	5597.4	2100.3	19472.2	2250.3	25712.5	3029.2	28964.9	778.9	3892.3
1984	150.0	5747.3	2100.3	21575.4	2250.3	27322.8	3029.2	31924.1	778.9	4671.3
1985	150.0	5897.3	2100.3	23675.7	2250.3	29573.1	3029.2	35023.3	778.9	5450.2
1986	150.0	6047.3	2100.3	25776.5	2250.3	31523.3	3029.2	38052.5	778.9	6229.2
1987	142.7	6190.0	1750.6	27726.0	2093.2	33716.6	2783.6	40842.1	696.3	6925.5
1988	122.9	6312.9	1559.9	29315.5	1711.8	35628.3	2264.5	43126.2	552.7	7478.2
1989	76.7	6401.6	1227.7	30543.4	1324.7	36953.8	1753.1	44859.6	428.4	7905.6
1990	64.7	6473.3	874.9	31418.3	944.6	37597.6	1259.0	46118.6	314.4	8221.0
1991	42.6	6522.1	491.9	31979.4	534.3	38431.7	710.2	46828.5	175.9	8396.9
1992	27.0	6547.2	159.9	32369.7	184.9	38615.9	233.3	47562.1	48.3	8445.2
1993	2.1	6547.3	0.	32169.7	2.1	38615.9	2.	4762.1	-2.1	8443.1
1994	0.	6547.3	0.	32169.7	0.	38615.9	0.	4762.1	0.	8443.1

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c. Production and Development Cost - PRC
Operating Cost - ORI

U.S. Interest in SST Program		Net Cash Flows		U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Cum.	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
-63.5	-63.5	1965	U.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-221.3	-284.8	1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-304.2	-589.0	1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-258.3	-847.2	1968	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-406.9	-1254.1	1969	23.7	23.7	0.	0.	0.	0.	23.7	23.7	0.	0.	0.
-543.6	-1797.7	1970	91.5	115.1	0.	0.	0.	0.	91.5	115.1	0.	0.	0.
-502.0	-2299.7	1971	255.2	370.3	0.	0.	0.	0.	255.2	370.3	0.	0.	0.
-133.2	-2433.0	1972	882.5	1252.8	193.3	193.3	1075.8	1446.1	380.6	380.6	3'0.6	3'0.6	-251.
299.0	-2134.0	1973	1142.2	2395.1	632.9	826.2	1775.1	3221.2	1120.8	1120.8	1501.5	1501.5	-691.
576.2	-1557.8	1974	1175.8	3570.8	1028.7	1854.4	2204.5	5425.7	1721.4	1721.4	3222.8	3222.8	-651.
766.1	-791.7	1975	1177.4	4749.2	1372.6	3227.4	2550.0	7375.7	2182.0	2182.0	5404.9	5404.9	-481.
306.5	114.8	1976	1111.3	5850.6	1795.6	4933.0	2816.9	10792.6	2588.8	2588.8	7933.6	7933.6	-361.
946.1	1060.9	1977	d65.5	6725.1	1940.4	6873.4	2605.9	2795.9	13598.5	13598.5	-221.	-221.	-221.
887.5	1946.4	1978	196.3	6923.4	2100.3	8973.7	2298.5	15897.1	3029.2	3029.2	13818.8	13818.8	-111.
889.9	2838.3	1979	201.4	7124.8	2100.3	11074.0	2301.7	18198.8	3029.2	3029.2	16849.0	16849.0	-731.
889.9	3728.2	1980	201.4	7326.2	2100.3	13174.3	2301.7	25200.2	3029.2	3029.2	19877.2	19877.2	-721.
889.9	4613.2	1981	201.4	7527.6	2100.3	15274.5	2301.7	22302.1	3029.2	3029.2	22906.4	22906.4	-721.
889.9	5508.1	1982	201.4	7729.0	2100.3	17374.7	2301.7	25103.4	3029.2	3029.2	25935.6	25935.6	-721.
890.0	6398.1	1983	291.5	7930.5	2100.3	19475.2	2301.8	27495.7	3029.2	3029.2	28564.9	28564.9	-721.
890.0	7288.1	1984	201.5	9132.0	2100.3	21575.4	2301.8	29707.2	3029.2	3029.2	31974.1	31974.1	-721.
890.0	8178.1	1985	201.5	9232.6	2100.3	23675.7	2301.8	32203.3	32203.3	32203.3	32203.3	32203.3	-721.
390.0	9068.1	1986	201.5	9535.1	2100.3	21775.4	2301.8	34311.1	34311.1	34311.1	35023.3	35023.3	-721.
501.6	9369.6	1987	192.0	8727.1	1952.0	21726.0	2142.5	36453.7	2789.6	2789.6	38052.5	38052.5	-721.
644.8	10514.5	1988	165.4	8892.3	1584.7	27315.5	1754.7	38208.3	2264.5	2264.5	40842.1	40842.1	-641.
502.0	11016.5	1989	130.5	9023.6	2100.3	23675.7	2301.8	32203.3	32203.3	32203.3	32203.3	32203.3	-500.
368.0	11384.5	1990	94.5	9114.1	874.0	21775.4	2301.8	34311.1	34311.1	34311.1	44859.6	44859.6	-394.
209.6	11594.1	1991	58.3	9175.4	471.0	31415.3	2142.5	36453.7	2789.6	2789.6	46118.6	46118.6	-288.
69.3	11663.4	1992	34.1	9210.5	159.7	32059.7	1754.7	38208.3	2264.5	2264.5	46828.8	46828.8	-160.
1.4	11664.8	1993	3.2	9213.7	5.7	32169.7	194.0	41230.2	233.3	233.3	47062.1	47062.1	-351.
-0.	11664.8	1994	0.	9213.7	0.	32059.7	194.0	41230.2	233.3	233.3	47062.1	47062.1	-351.

U.S. Interest in SST Program		Net Cash Flows		U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Cum.	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
-63.5	-63.5	1965	U.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-221.3	-284.8	1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-304.2	-589.0	1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-258.3	-847.2	1968	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-406.9	-1254.1	1969	23.7	23.7	0.	0.	0.	0.	23.7	23.7	0.	0.	0.
-543.6	-1797.7	1970	91.5	115.1	0.	0.	0.	0.	91.5	115.1	0.	0.	0.
-502.0	-2299.7	1971	255.2	370.3	0.	0.	0.	0.	255.2	370.3	0.	0.	0.
-133.2	-2433.0	1972	882.5	1252.8	193.3	193.3	1075.8	1446.1	380.6	380.6	3'0.6	3'0.6	-251.
299.0	-2134.0	1973	1142.2	2395.1	632.9	826.2	1775.1	3221.2	1120.8	1120.8	1501.5	1501.5	-691.
576.2	-1557.8	1974	1175.8	3570.8	1028.7	1854.4	2204.5	5425.7	1721.4	1721.4	3222.8	3222.8	-651.
766.1	-791.7	1975	1177.4	4749.2	1372.6	3227.4	2550.0	7375.7	2182.0	2182.0	5404.9	5404.9	-481.
306.5	114.8	1976	1111.3	5850.6	1795.6	4933.0	2816.9	10792.6	2588.8	2588.8	7933.6	7933.6	-361.
946.1	1060.9	1977	d65.5	6725.1	1940.4	6873.4	2605.9	2795.9	13598.5	13598.5	-221.	-221.	-221.
887.5	1946.4	1978	196.3	6923.4	2100.3	8973.7	2298.5	15897.1	3029.2	3029.2	13818.8	13818.8	-111.
889.9	2838.3	1979	201.4	7124.8	2100.3	11074.0	2301.7	18198.8	3029.2	3029.2	730.2	730.2	-730.
889.9	3728.2	1980	201.4	7326.2	2100.3	13174.3	2301.7	2029.0	3029.2	3029.2	16849.0	16849.0	-721.
889.9	4613.2	1981	201.4	7527.6	2100.3	15274.5	2301.7	22302.1	3029.2	3029.2	19877.2	19877.2	-721.
889.9	5508.1	1982	201.4	7729.0	2100.3	17374.7	2301.7	25103.4	3029.2	3029.2	22906.4	22906.4	-721.
890.0	6398.1	1983	291.5	7930.5	2100.3	19475.2	2301.8	27495.7	3029.2	3029.2	25935.6	25935.6	-721.
890.0	7288.1	1984	201.5	9132.0	2100.3	21575.4	2301.8	29707.2	3029.2	3029.2	28564.9	28564.9	-721.
890.0	8178.1	1985	201.5	9232.6	2100.3	23675.7	2301.8	32203.3	32203.3	32203.3	32203.3	32203.3	-721.
390.0	9068.1	1986	201.5	9535.1	2100.3	21775.4	2301.8	34311.1	34311.1	34311.1	35023.3	35023.3	-721.
501.6	9369.6	1987	192.0	8727.1	1952.0	1952.0	21726.0	2142.5	36453.7	36453.7	38052.5	38052.5	-721.
644.8	10514.5	1988	165.4	8892.3	1584.7	27315.5	2142.5	38208.3	2264.5	2264.5	40842.1	40842.1	-641.
502.0	11016.5	1989	130.5	9023.6	2100.3	23675.7	2301.8	32203.3	32203.3	32203.3	32203.3	32203.3	-500.
368.0	11384.5	1990	94.5	9114.1	874.0	21775.4	2301.8	34311.1	34311.1	34311.1	35023.3	35023.3	-394.
209.6	11594.1	1991	58.3	9175.4	471.0	31415.3	2142.5	36453.7	2789.6	2789.6	46118.6	46118.6	-288.
69.3	11663.4	1992	34.1	9210.5	159.7	27315.5	1754.7	38208.3	2264.5	2264.5	46828.8	46828.8	-160.
1.4	11664.8	1993	3.2	9213.7	5.7	32059.7	194.0	41230.2	233.3	233.3	47062.1	47062.1	-351.
-0.	11664.8	1994	0.	9213.7	0.	32059.7	194.0	41230.2	233.3	233.3	47062.1	47062.1	-351.

		U.S. Airlines				U.S. Airlines				U.S. Airlines			
		Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows		U.S. Airlines Net Cash Flows		U.S. Airlines Net Cash Flows	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-87.6	-87.6
0.	0.	0.	0.	0.	0.	0.	0.	-294.4	-294.4	-382.0	-382.0	-382.0	-382.0
0.	0.	0.	0.	0.	0.	0.	0.	-398.8	-398.8	-780.8	-780.8	-780.8	-780.8
0.	0.	0.	0.	0.	0.	0.	0.	-375.2	-375.2	-1156.0	-1156.0	-1156.0	-1156.0
0.	0.	0.	0.	0.	0.	0.	0.	-605.9	-605.9	-1761.9	-1761.9	-1761.9	-1761.9
0.	0.	0.	0.	0.	0.	0.	0.	-802.2	-802.2	-2564.1	-2564.1	-2564.1	-2564.1
0.	0.	0.	0.	0.	0.	0.	0.	-739.8	-739.8	-3303.9	-3303.9	-3303.9	-3303.9
193.3	193.3	193.3	193.3	1075.8	1446.1	380.6	380.6	-695.2	-695.2	-1065.5	-1065.5	-1065.5	-1065.5
632.9	826.2	826.2	826.2	1715.1	3221.2	1120.8	1501.5	-654.3	-654.3	-1719.7	-1719.7	-1719.7	-1719.7
1028.7	1854.1	1854.1	1854.1	2204.5	5425.7	1721.4	3222.9	-483.1	-483.1	-2202.9	-2202.9	-2202.9	-2202.9
1372.6	3227.4	3227.4	3227.4	2550.0	7975.7	2182.0	5404.9	-367.9	-367.9	-2579.8	-2579.8	-2579.8	-2579.8
1795.6	4933.4	4933.4	4933.4	2816.9	10792.6	2588.8	7673.6	-228.2	-228.2	-2799.0	-2799.0	-2799.0	-2799.0
1940.4	6873.4	6873.4	6873.4	2805.4	13598.5	2795.9	10789.6	-10.0	-10.0	-2809.0	-2809.0	-2809.0	-2809.0
2100.3	8973.7	8973.7	8973.7	2295.3	15837.1	3029.2	13519.8	-730.7	-730.7	-2078.3	-2078.3	-2078.3	-2078.3
2100.3	11074.0	11074.0	11074.0	2301.7	18198.8	3021.2	16642.0	727.5	727.5	-1350.8	-1350.8	-1350.8	-1350.8
2100.3	13174.3	13174.3	13174.3	2301.7	20500.2	3029.2	19877.2	727.5	727.5	-623.2	-623.2	-623.2	-623.2
2100.3	15274.5	15274.5	15274.5	2301.7	22122.1	3029.2	22676.4	727.5	727.5	104.3	104.3	104.3	104.3
2100.3	17374.7	17374.7	17374.7	2301.7	25152.1	3021.2	25635.6	727.5	727.5	831.8	831.8	831.8	831.8
2100.3	19475.4	19475.4	19475.4	2301.7	27456.7	3021.2	24964.9	127.4	127.4	1559.2	1559.2	1559.2	1559.2
2100.3	21575.4	21575.4	21575.4	2301.7	29137.2	3021.2	31674.1	127.4	127.4	2286.6	2286.6	2286.6	2286.6
2100.3	23675.7	23675.7	23675.7	2301.7	32134.3	3029.2	35C23.2	727.4	727.4	3014.0	3014.0	3014.0	3014.0
2100.3	25775.7	25775.7	25775.7	2301.7	34311.1	3021.2	34C52.5	727.4	727.4	3741.4	3741.4	3741.4	3741.4
1950.0	27726.4	27726.4	27726.4	2142.3	36453.7	2797.5	41942.1	647.0	647.0	4384.4	4384.4	4384.4	4384.4
1563.3	27315.7	27315.7	27315.7	1754.7	34204.4	2264.6	43105.5	509.8	509.8	4898.2	4898.2	4898.2	4898.2
1247.3	3259.4	3259.4	3259.4	1353.7	35357.1	1753.1	44659.6	394.3	394.3	5292.6	5292.6	5292.6	5292.6
874.0	31415.2	31415.2	31415.2	951.4	40236.4	1259.0	45111.6	263.6	263.6	5582.2	5582.2	5582.2	5582.2
491.3	31279.8	31279.8	31279.8	543.8	41136.2	714.2	45825.7	160.4	160.4	5742.6	5742.6	5742.6	5742.6
152.0	3259.7	3259.7	3259.7	194.0	41240.2	233.3	47C62.1	39.3	39.3	5781.9	5781.9	5781.9	5781.9
0.	3259.7	3259.7	3259.7	0.	41233.4	233.3	47C62.1	-3.2	-3.2	5778.7	5778.7	5778.7	5778.7
0.	3259.7	3259.7	3259.7	0.	41233.4	233.3	47C62.1	0.	0.	5778.7	5778.7	5778.7	5778.7

U.S. Interest in SST Program

		Net Cash Flows			
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
0.	0.	-87.6	-87.6	-87.6	-87.6
0.	0.	-294.4	-294.4	-294.4	-294.4
0.	0.	-398.8	-398.8	-398.8	-398.8
0.	0.	-375.2	-375.2	-375.2	-375.2
0.	0.	-605.9	-605.9	-605.9	-605.9
0.	0.	-802.2	-802.2	-802.2	-802.2
0.	0.	-739.8	-739.8	-739.8	-739.8
0.	0.	-268.9	-268.9	-268.9	-268.9
0.	0.	220.4	220.4	220.4	220.4
0.	0.	534.0	534.0	534.0	534.0
0.	0.	770.0	770.0	770.0	770.0
0.	0.	941.3	941.3	941.3	941.3
0.	0.	1107.1	1107.1	1107.1	1107.1
0.	0.	1004.8	1004.8	1004.8	1004.8
0.	0.	886.3	886.3	886.3	886.3
0.	0.	1674.5	1674.5	1674.5	1674.5
0.	0.	2564.8	2564.8	2564.8	2564.8
0.	0.	890.3	890.3	890.3	890.3
0.	0.	6126.0	6126.0	6126.0	6126.0
0.	0.	664.9	664.9	664.9	664.9
0.	0.	502.4	502.4	502.4	502.4
0.	0.	890.3	890.3	890.3	890.3
0.	0.	370.0	370.0	370.0	370.0
0.	0.	1043.2	1043.2	1043.2	1043.2
0.	0.	7016.3	7016.3	7016.3	7016.3
0.	0.	3455.0	3455.0	3455.0	3455.0
0.	0.	690.3	690.3	690.3	690.3
0.	0.	4345.3	4345.3	4345.3	4345.3
0.	0.	890.3	890.3	890.3	890.3
0.	0.	5235.6	5235.6	5235.6	5235.6
0.	0.	290.3	290.3	290.3	290.3
0.	0.	370.7	370.7	370.7	370.7
0.	0.	1050.5	1050.5	1050.5	1050.5
0.	0.	1150.5	1150.5	1150.5	1150.5

a. Production and Development Cost - FAA
Operating Cost - FAA

Year	U.S. Airlines			U.S. Airlines			U.S. Airlines			U.S. Airlines		
	Acquisition Cost	Ann.	Cum.	Total Operating Cost	Ann.	Cum.	Total Outlay	Ann.	Cum.	Revenues	Ann.	Cum.
1965	0.0	0.	0.	0.0	0.	0.	0.0	0.	0.	0.0	0.	0.
1966	0.0	0.	0.	0.0	0.	0.	0.0	0.	0.	0.0	-221.3	-221.3
1967	0.0	0.	0.	0.0	0.	0.	0.0	0.	0.	0.0	-304.2	-525.5
1968	0.0	0.	0.	0.0	0.	0.	0.0	0.	0.	0.0	-274.3	-799.8
1969	16.1	18.1	0.0	120.9	120.9	120.9	120.9	18.1	18.1	18.1	-63.5	-863.3
1970	55.4	54.5	0.0	295.6	516.5	516.5	516.5	34.0	34.0	34.0	-221.3	-1084.8
1971	126.8	274.8	0.0	776.1	1232.6	1232.6	1232.6	274.8	274.8	274.8	-304.2	-1399.0
1972	671.5	646.3	0.0	120.9	792.4	792.4	792.4	417.1	417.1	417.1	-274.3	-585.9
1973	370.4	1316.7	0.0	295.6	1265.1	1265.1	1265.1	1227.8	1227.8	1227.8	-63.5	-653.9
1974	1529.7	2444.4	0.0	776.1	2305.8	2305.8	2305.8	2243.2	2243.2	2243.2	-274.8	-648.9
1975	1277.1	223.5	0.0	1264.5	2556.0	2556.0	2556.0	2841.1	2841.1	2841.1	-190.8	-585.9
1976	1566.5	1379.5	0.0	1639.3	4195.7	4195.7	4195.7	3203.3	10735.4	10735.4	-18.1	-18.1
1977	1455.1	44.8	0.0	2018.5	6214.5	6214.5	6214.5	14259.2	14259.2	14259.2	-84.0	-84.0
1978	11602.1	1455.9	0.0	2518.3	5732.8	5732.8	5732.8	17719.5	17719.5	17719.5	-210.4	-210.4
1979	1214.8	1341.4	0.0	2675.6	11408.4	11408.4	11408.4	2070.0	2070.0	2070.0	-2301.0	-2301.0
1980	1230.4	1639.2	0.0	2675.6	14083.7	14083.7	14083.7	2972.4	2972.4	2972.4	-61.2	-61.2
1981	1215.4	9945.0	0.0	2675.6	16759.5	16759.5	16759.5	2972.4	2972.4	2972.4	526.2	526.2
1982	1215.4	10231.6	0.0	2675.6	13435.1	13435.1	13435.1	2972.4	2972.4	2972.4	1469.1	1469.1
1983	1216.8	10529.6	0.0	2675.6	22110.7	22110.7	22110.7	2972.4	32639.2	32639.2	274.8	274.8
1984	296.8	10825.4	0.0	2675.6	24792.2	24792.2	24792.2	2972.4	355611.6	355611.6	3063.0	3063.0
1985	296.8	11142.2	0.0	2675.6	27461.3	27461.3	27461.3	2972.4	38534.0	38534.0	3063.0	3063.0
1986	296.8	11413.3	0.0	2675.6	30127.4	30127.4	30127.4	2972.4	41536.4	41536.4	3063.0	3063.0
1987	289.7	11708.6	0.0	2575.3	32712.7	32712.7	32712.7	2865.0	44421.4	44421.4	3380.9	3380.9
1988	270.0	11979.6	0.0	2337.1	35049.9	35049.9	35049.9	2607.1	47528.5	47528.5	34935.0	34935.0
1989	233.3	12212.0	0.0	1987.7	37037.5	37037.5	37037.5	2221.0	49249.5	49249.5	3380.9	3380.9
1990	199.0	296.8	0.0	1511.3	1511.3	1511.3	1511.3	1693.9	50943.4	50943.4	3395.4	3395.4
1991	199.1	12394.6	0.0	12394.6	33548.5	33548.5	33548.5	1193.7	5352.0	5352.0	42143.0	42143.0
1992	199.2	12523.7	0.0	12523.7	39652.5	39652.5	39652.5	1252.8	52176.2	52176.2	1978.6	1978.6
1993	199.3	12635.5	0.0	12635.5	627.1	40309.2	40309.2	732.8	52909.0	1513.8	1434.1	1434.1
1994	199.4	12637.5	0.0	12637.5	157.2	40456.8	40456.8	193.3	53192.3	366.0	841.6	841.6

Year	U.S. Airlines			U.S. Airlines			U.S. Airlines			U.S. Airlines		
	Acquisition Cost	Ann.	Cum.	Total Operating Cost	Ann.	Cum.	Total Outlay	Ann.	Cum.	Revenues	Ann.	Cum.
1965	0.0	0.	0.	0.0	0.	0.	0.0	0.	0.	0.0	0.	0.
1966	0.0	0.	0.	0.0	0.	0.	0.0	0.	0.	0.0	-221.3	-221.3
1967	0.0	0.	0.	0.0	0.	0.	0.0	0.	0.	0.0	-304.2	-525.5
1968	0.0	0.	0.	0.0	0.	0.	0.0	0.	0.	0.0	-274.3	-799.8
1969	16.1	18.1	0.0	120.9	120.9	120.9	120.9	18.1	18.1	18.1	-63.5	-863.3
1970	55.4	54.5	0.0	295.6	516.5	516.5	516.5	34.0	34.0	34.0	-221.3	-1084.8
1971	126.8	274.8	0.0	776.1	1232.6	1232.6	1232.6	2243.2	2243.2	2243.2	-304.2	-1399.0
1972	671.5	646.3	0.0	120.9	792.4	792.4	792.4	417.1	417.1	417.1	-274.3	-585.9
1973	370.4	1316.7	0.0	295.6	1265.1	1265.1	1265.1	1227.8	1227.8	1227.8	-63.5	-653.9
1974	1529.7	2444.4	0.0	776.1	2305.8	2305.8	2305.8	2243.2	2243.2	2243.2	-274.8	-648.9
1975	1277.1	223.5	0.0	1264.5	2556.0	2556.0	2556.0	2841.1	2841.1	2841.1	-190.8	-585.9
1976	1566.5	1379.5	0.0	1639.3	4195.7	4195.7	4195.7	3203.3	10735.4	10735.4	-18.1	-18.1
1977	1455.1	44.8	0.0	2018.5	6214.5	6214.5	6214.5	14259.2	14259.2	14259.2	-84.0	-84.0
1978	11602.1	1455.9	0.0	2518.3	5732.8	5732.8	5732.8	17719.7	17719.7	17719.7	-210.4	-210.4
1979	1214.8	1341.4	0.0	2675.6	11408.4	11408.4	11408.4	2070.0	2070.0	2070.0	-2301.0	-2301.0
1980	1230.4	1639.2	0.0	2675.6	14083.7	14083.7	14083.7	2972.4	2972.4	2972.4	-61.2	-61.2
1981	1215.4	9945.0	0.0	2675.6	16759.5	16759.5	16759.5	2972.4	34139.7	34139.7	3063.0	3063.0
1982	1215.4	10231.6	0.0	2675.6	13435.1	13435.1	13435.1	2972.4	38534.0	38534.0	3063.0	3063.0
1983	1216.8	10529.6	0.0	2675.6	22110.7	22110.7	22110.7	2972.4	41536.4	41536.4	3380.9	3380.9
1984	296.8	10825.4	0.0	2675.6	24792.2	24792.2	24792.2	2972.4	455611.6	455611.6	3603.0	3603.0
1985	296.8	11142.2	0.0	2675.6	27461.3	27461.3	27461.3	2972.4	49534.0	49534.0	3603.0	3603.0
1986	296.8	11413.3	0.0	2675.6	30127.4	30127.4	30127.4	2972.4	53533.3	53533.3	3395.4	3395.4
1987	289.7	11708.6	0.0	2575.3	32712.7	32712.7	32712.7	2865.0	574421.4	574421.4	3380.9	3380.9
1988	270.0	11979.6	0.0	2337.1	35049.9	35049.9	35049.9	2607.1	61717.2	61717.2	34935.0	34935.0
1989	233.3	12212.0	0.0	1987.7	37037.5	37037.5	37037.5	2221.0	6592.8	6592.8	25100.0	25100.0
1990	199.0	296.8	0.0	1511.3	1511.3	1511.3	1511.3	1693.9	50943.4	50943.4	3395.4	3395.4
1991	199.1	12394.6	0.0	12394.6	33548.5	33548.5	33548.5	1193.7	5352.0	5352.0	42143.0	42143.0
1992	199.2	12523.7	0.0	12523.7	39652.5	39652.5	39652.5	1252.8	52176.2	52176.2	1978.6	1978.6
1993	199.3	12635.5	0.0	12635.5	627.1	40309.2	40309.2	732.8	52909.0	1513.8	1434.1	1434.1
1994	199.4	12637.5	0.0	12637.5	157.2	40456.8	40456.8	193.3	53192.3	366.0	841.6	841.6

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U.S. Interest in SST Program		Net Cash Flows	
	Ann.	Cum.	
	-63•5	-63•5	
	-221•3	-284•8	
	-304•2	-589•0	
	-274•3	-863•2	
	-453•9	-1317•1	
	-648•9	-1966•1	
	-585•9	-2552•0	
	-61•2	-2613•2	
	526•2	-2097•1	
	1469•1	-616•0	
	2301•0	1683•0	
	2740•3	4423•3	
	3069•1	7492•4	
	3680•7	11173•1	
	3600•2	1473•3	
	3603•0	18376•3	
	3603•0	21979•2	
	3603•0	25582•2	
	3603•0	29185•1	
	3603•0	32785•1	
	3603•0	36391•0	
	3603•0	39994•0	
	3642•0	43436•6	
	3113•1	46549•7	
	2647•8	47197•6	
	1978•6	51176•2	
	1434•1	52610•3	
	941•0	53451•9	
	204•3	53656•2	
	1•6	53657•8	

Table S1.24. Cash Flows for U.S. Airlines and for "U.S. Interest in SST Program" for Various Sources of Estimates, for Quantity 400
 (Fares of 1.1 Times Current Fares), in Millions of Dollars

b. Production and Development Cost - FAA
 Operating Cost - ORI

Year	U.S. Airlines									
	Ann.	Cum.								
1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1969	18.1	18.1	0.	0.	18.1	18.1	0.	0.	-18.1	-18.1
1970	65.8	84.0	0.	0.	65.8	84.0	0.	0.	-65.8	-84.0
1971	190.8	274.8	0.	0.	190.8	274.8	0.	0.	-190.8	-274.8
1972	671.5	946.3	193.1	133.1	864.8	1139.6	417.1	417.1	-447.7	-722.4
1973	970.4	1916.7	632.1	1603.3	2742.9	1227.8	1645.0	1645.0	-375.5	-1097.9
1974	1529.7	3446.4	1235.4	2765.4	5538.3	2243.2	3888.1	3888.1	-522.3	-1620.2
1975	1577.1	5023.5	1995.5	3572.5	9030.9	3481.6	7369.8	7369.8	-90.9	-1711.1
1976	1556.0	6589.5	2552.5	4118.5	13199.4	4230.5	11600.3	11600.3	112.0	-1599.1
1977	1455.3	8044.8	3078.8	4534.1	17733.4	4839.5	16439.7	16439.7	305.4	-1293.7
1978	1002.1	9046.9	3803.5	1492.2	4805.7	22539.1	5987.3	22427.0	1181.6	-112.1
1979	294.5	9341.4	4039.6	1721.8	4334.1	26873.2	6353.3	28780.3	2019.2	1907.1
1980	296.8	9638.2	4039.6	217.4	4336.4	31209.6	6353.3	35133.5	2016.9	3924.0
1981	296.8	9935.0	4039.6	2504.0	4336.4	35546.0	6353.3	41486.8	2016.9	5940.8
1982	296.8	10231.8	4039.6	29650.6	4336.4	39882.4	6353.3	47840.1	2016.9	7957.7
1983	296.8	10528.6	4039.6	33690.2	4336.4	44218.8	6353.3	54193.4	2016.9	9974.6
1984	296.8	10825.4	4039.6	37729.8	4336.4	48555.2	6353.3	60546.6	2016.9	11991.4
1985	296.8	11122.2	4039.6	41769.4	4336.4	52891.6	6353.3	66890.9	2016.9	14008.3
1986	296.8	11419.0	4039.6	45809.0	4336.4	57228.0	6353.3	73253.2	2016.9	16025.2
1987	289.7	11708.6	3889.9	49698.9	4179.6	61407.6	6091.2	79344.4	1911.6	17936.8
1988	270.0	11978.6	3528.2	53227.1	3798.2	65205.7	5517.7	84861.5	1719.0	19655.8
1989	233.3	12212.0	2092.1	56219.4	3225.4	68431.2	4692.8	89554.4	1467.4	21123.2
1990	182.6	12394.6	2258.6	58477.9	2441.2	70872.4	3532.0	93086.4	1090.8	22213.9
1991	129.2	12523.7	1632.0	60109.9	1761.2	7233.6	2566.3	95652.7	805.1	23019.1
1992	75.8	12599.5	960.8	61070.7	1036.6	73570.2	1513.8	97166.5	477.2	23496.3
1993	36.0	12635.5	236.1	61306.8	272.1	73942.3	366.0	97532.5	93.9	23590.2
1994	2.3	12637.9	0.	61306.8	2.3	73944.6	0.	97532.5	-2.3	23587.9

c. Production and Development Cost - PRC
 Operating Cost - ORI

U.S. Interest in SST Program		Net Cash Flows		U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Cum.		Net Cash Ann.	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
-63.5	-63.5	1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-221.3	-284.8	1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-304.2	-589.0	1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-274.3	-863.2	1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-23.7	-23.7
-453.9	-1317.1	1969	23.7	23.7	0.	0.	0.	0.	23.7	23.7	0.	0.	0.	-89.1	-89.1
-648.9	-1966.1	1970	89.1	112.8	0.	0.	0.	0.	89.1	112.8	0.	0.	0.	-266.0	-266.0
-585.9	-2552.0	1971	266.0	379.8	0.	0.	0.	0.	266.0	378.8	0.	0.	0.	-732.2	-732.2
-133.6	-2685.0	1972	956.1	1334.9	193.3	193.3	1149.4	1528.1	417.1	417.1	0.	0.	0.	-795.9	-795.9
288.9	-2396.7	1973	1390.8	2725.7	632.9	826.2	2023.7	3551.8	1227.8	1645.0	1645.0	0.	0.	-1192.0	-1192.0
1009.4	-1387.3	1974	2199.4	4925.1	1235.8	2061.9	3435.2	6987.0	2243.2	3888.1	3888.1	0.	0.	-776.7	-776.7
1569.5	182.2	1975	2262.9	7187.9	1995.5	4057.4	4258.3	11245.3	3481.6	7369.8	7369.8	0.	0.	-569.8	-569.8
1827.1	2009.3	1976	2247.8	9435.8	2552.5	6609.9	4800.3	16045.7	4230.5	11600.3	11600.3	0.	0.	-327.8	-327.8
2008.9	4018.2	1977	2088.5	11524.3	3C78.8	9688.6	5167.3	21212.9	4839.5	16439.7	16439.7	0.	0.	754.4	754.4
2395.5	6413.7	1978	1429.3	12953.6	3803.5	13492.2	5232.9	26445.8	5987.3	22427.0	22427.0	0.	0.	1918.3	1918.3
2236.2	8649.9	1979	395.3	13348.9	4C39.6	17531.8	4434.9	30880.7	6353.3	28780.3	28780.3	0.	0.	1914.9	1914.9
2238.9	10886.3	1980	398.9	13747.7	4C39.6	21571.4	4438.4	35319.1	6353.3	35133.5	35133.5	0.	0.	1914.9	1914.9
2238.9	13127.7	1981	398.8	14146.5	4C39.6	25611.0	4438.4	39757.5	6353.3	41486.8	41486.8	0.	0.	1914.9	1914.9
2238.9	15366.6	1982	398.8	14545.3	4C39.6	29650.6	4438.4	44196.0	6353.3	47840.1	47840.1	0.	0.	1914.9	1914.9
2238.9	17605.6	1983	398.8	14944.2	4C39.6	33690.2	4438.4	48634.4	6353.3	54193.4	54193.4	0.	0.	1914.9	1914.9
2238.9	19844.5	1984	398.8	15343.0	4C39.6	37729.8	4438.4	53072.8	6353.3	60546.6	60546.6	0.	0.	1914.9	1914.9
2238.9	22083.4	1985	398.8	15741.8	4C39.6	41769.4	4438.4	57511.2	6353.3	66899.9	66899.9	0.	0.	1914.9	1914.9
2238.9	24322.3	1986	398.8	16140.6	4C39.6	45809.0	4438.4	611949.6	6353.3	73253.2	73253.2	0.	0.	1914.9	1914.9
2128.1	26450.4	1987	389.5	16530.1	3889.9	49698.9	4279.4	66229.0	6091.2	79344.4	79344.4	0.	0.	1811.8	1811.8
1922.1	28372.5	1988	363.4	16893.5	3528.2	53227.1	3891.6	70120.6	5517.2	84861.5	84861.5	0.	0.	1525.6	1525.6
1643.4	30015.9	1989	314.7	17208.2	2992.1	56219.2	3306.8	73427.4	4692.8	89554.4	89554.4	0.	0.	1386.0	1386.0
1231.2	31247.1	1990	246.9	17455.1	2258.6	58477.9	2505.6	75933.0	3532.0	93086.4	93086.4	0.	0.	1026.4	1026.4
905.8	32152.8	1991	175.1	17630.3	1632.0	60109.9	1807.2	77740.1	2566.3	95652.7	95652.7	0.	0.	759.2	759.2
537.9	32690.7	1992	103.4	17733.6	960.8	61070.7	1064.2	78804.3	1513.8	97166.5	97166.5	0.	0.	449.6	449.6
125.4	32816.1	1993	49.5	17783.1	236.1	61306.8	285.5	79089.9	366.0	97532.5	97532.5	0.	0.	80.5	80.5
1.6	32817.8	1994	3.5	17786.6	0.	61306.8	3.5	79093.4	3.5	97532.5	97532.5	0.	0.	-3.5	-3.5

U.S. Interest in SST Program		Net Cash Flows		U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Cum.		Net Cash Ann.	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
-63.5	-63.5	1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-221.3	-284.8	1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-304.2	-589.0	1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
-274.3	-863.2	1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-23.7	-23.7
-453.9	-1317.1	1969	23.7	23.7	0.	0.	0.	0.	23.7	23.7	0.	0.	0.	-89.1	-89.1
-648.9	-1966.1	1970	89.1	112.8	0.	0.	0.	0.	89.1	112.8	0.	0.	0.	-266.0	-266.0
-585.9	-2552.0	1971	266.0	379.8	0.	0.	0.	0.	266.0	378.8	0.	0.	0.	-732.2	-732.2
-133.6	-2685.0	1972	956.1	1334.9	193.3	193.3	1149.4	1528.1	417.1	417.1	0.	0.	0.	-795.9	-795.9
288.9	-2396.7	1973	1390.8	2725.7	632.9	826.2	2023.7	3551.8	1227.8	1645.0	1645.0	0.	0.	-1192.0	-1192.0
1009.4	-1387.3	1974	2199.4	4925.1	1235.8	2061.9	3435.2	6987.0	2243.2	3888.1	3888.1	0.	0.	-1192.0	-1192.0
1569.5	182.2	1975	2262.9	7187.9	1995.5	4057.4	4258.3	11245.3	3481.6	7369.8	7369.8	0.	0.	-776.7	-776.7
1827.1	2009.3	1976	2247.8	9435.8	2552.5	6609.9	4800.3	16045.7	4230.5	11600.3	11600.3	0.	0.	-569.8	-569.8
2008.9	4018.2	1977	2088.5	11524.3	3C78.8	9688.6	5167.3	21212.9	4839.5	16439.7	16439.7	0.	0.	-327.8	-327.8
2395.5	6413.7	1978	1429.3	12953.6	3803.5	13492.2	5232.9	26445.8	5987.3	22427.0	22427.0	0.	0.	754.4	754.4
2236.2	8649.9	1979	395.3	13348.9	4C39.6	17531.8	4434.9	30880.7	6353.3	28780.3	28780.3	0.	0.	1918.3	1918.3
2238.9	10886.3	1980	398.9	13747.7	4C39.6	21571.4	4438.4	35319.1	6353.3	35133.5	35133.5	0.	0.	1914.9	1914.9
2238.9	13127.7	1981	398.8	14146.5	4C39.6	25611.0	4438.4	39757.5	6353.3	41486.8	41486.8	0.	0.	1914.9	1914.9
2238.9	15366.6	1982	398.8	14545.3	4C39.6	29650.6	4438.4	44196.0	6353.3	47840.1	47840.1	0.	0.	1914.9	1914.9
2238.9	17605.6	1983	398.8	14944.2	4C39.6	33690.2	4438.4	48634.4	6353.3	54193.4	54193.4	0.	0.	1914.9	1914.9
2238.9	19844.5	1984	398.8	15343.0	4C39.6	37729.8	4438.4	53072.8	6353.3	60546.6	60546.6	0.	0.	1914.9	1914.9
2238.9	22083.4	1985	398.8	15741.8	4C39.6	41769.4	4438.4	57511.2	6353.3	66899.9	66899.9	0.	0.	1914.9	1914.9
2238.9	24322.3	1986	398.8	16140.6	4C39.6	45809.0	4438.4	611949.6	6353.3	73253.2	73253.2	0.	0.	1914.9	1914.9
2128.1	26450.4	1987	389.5	16530.1	3889.9	49698.9	4279.4	66229.0	6091.2	79344.4	79344.4	0.	0.	1811.8	1811.8
1922.1	28372.5	1988	363.4	16893.5	3528.2	53227.1	3891.6	70120.6	5517.2	84861.5	84861.5	0.	0.	1525.6	1525.6
1643.4	30015.9														

U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	23.7	23.7	0.	0.	-23.7	-23.7
0.	0.	89.1	112.8	0.	0.	-89.1	-112.8
0.	0.	266.0	378.8	0.	0.	-266.0	-378.8
193.3	193.3	1149.4	1528.1	417.1	417.1	-732.2	-1111.0
632.9	826.2	2023.7	3551.8	1227.8	1645.0	-795.9	-1906.9
1235.8	2061.9	3435.2	6987.0	2243.2	3888.1	-1192.0	-3098.9
1995.5	4057.4	4258.3	11245.3	3481.6	7369.8	-776.7	-3875.6
2552.5	6609.9	4800.3	16045.7	4230.5	11600.3	-569.8	-4445.4
3C78.8	9688.6	5167.3	21212.9	4839.5	16439.7	-327.8	-4773.2
3803.5	13492.2	5232.9	26445.8	5987.3	22427.0	754.4	-4018.8
4C39.6	17531.8	4434.9	30880.7	6353.3	28780.3	1918.3	-2100.4
4C39.6	21571.4	4438.4	35319.1	6353.3	35133.5	1914.9	-185.6
4C39.6	25611.0	4438.4	39757.5	6353.3	41486.8	1914.9	1729.3
4C39.6	29650.6	4438.4	44196.0	6353.3	47840.1	1914.9	3644.1
4C39.6	33690.2	4438.4	48634.4	6353.3	54193.4	1914.9	5559.0
4C39.6	37729.8	4438.4	53072.8	6353.3	60546.6	1914.9	7473.8
4C39.6	41769.4	4438.4	57511.2	6353.3	66899.9	1914.9	9388.7
4C39.6	45809.0	4438.4	61949.6	6353.3	73253.2	1914.9	11303.5
3889.9	49698.9	4279.4	66229.0	6091.2	79344.4	1811.8	13115.4
3528.2	53227.1	3891.6	70120.6	5517.2	84861.5	1625.6	14740.9
2992.1	56219.2	3306.8	73427.4	4692.8	89554.4	1386.0	16127.0
2258.6	58477.9	2505.6	75933.0	3532.0	93086.4	1026.4	17153.4
1632.0	60109.9	1807.2	77740.1	2566.3	95652.7	755.2	17912.5
960.8	61070.7	1064.2	78804.3	1513.8	97166.5	449.6	18362.2
236.1	61306.8	285.5	79089.9	366.0	97532.5	80.5	18442.6
0.	61306.8	3.5	79093.4	0.	97532.5	-3.5	18439.1

U.S. Interest in SST Program		Net Cash Flows	
Ann.	Cum.	Ann.	Cum.
0.	0.	-87.6	-87.6
0.	0.	-294.4	-382.0
0.	0.	-398.8	-780.8
0.	0.	-400.3	-1181.1
0.	0.	-673.8	-1854.8
0.	0.	-961.5	-2816.3
0.	0.	-873.0	-3689.4
0.	0.	-297.1	-3986.4
0.	0.	165.9	-3820.5
0.	0.	1019.7	-2800.8
0.	0.	1628.0	-1172.8
0.	0.	1934.9	762.1
0.	0.	2157.9	2920.1
0.	0.	2523.2	5443.2
0.	0.	2236.5	7679.8
0.	0.	2240.7	9920.5
0.	0.	2240.7	12161.2
0.	0.	2240.7	14401.9

a. Production and Development Cost - FAA
Operating Cost - FAA

Year	U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines	
	Acquisition Cost	Cum.	Total Operating Cost	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1969	18.1	18.1	0.	0.	18.1	18.1	0.	0.	-18.1	-18.1
1970	65.8	84.0	0.	0.	65.8	84.0	0.	0.	-65.8	-84.0
1971	190.8	174.8	0.	0.	190.8	274.8	0.	0.	-190.8	-274.8
1972	671.5	146.3	120.9	120.9	792.4	1067.2	380.6	380.6	-411.8	-686.5
1973	970.4	1916.7	395.6	516.5	1366.0	2433.2	1120.8	1501.5	-245.2	-931.7
1974	1529.7	346.4	776.1	1292.6	2305.8	4739.0	2048.1	3549.5	-257.7	-1189.4
1975	1577.1	5123.5	1264.0	2556.6	2841.1	7580.1	3179.8	6729.3	338.7	-850.8
1976	1566.0	6,89.5	1639.3	4195.9	3205.3	10785.4	3865.1	10594.4	659.8	-191.0
1977	1455.3	8144.8	2018.5	6214.5	3473.8	14259.2	4424.6	15C19.0	950.8	759.7
1978	1002.1	946.9	2518.3	8732.8	3520.5	17779.7	5474.6	2043.6	1954.2	2713.9
1979	294.5	9341.4	2675.6	11408.4	2970.0	20149.7	5809.3	26302.9	2839.2	5553.1
1980	296.8	9,38.2	2675.6	14083.9	2972.4	23722.1	5809.3	32112.1	2836.9	8390.0
1981	296.8	9935.0	2675.6	16759.5	2972.4	26634.5	5809.3	37921.4	2836.9	11226.9
1982	296.8	10,31.8	2675.6	19435.1	2972.4	29666.9	5809.3	43730.6	43730.6	14063.8
1983	296.8	10,528.6	2675.6	22110.7	2972.4	32639.2	5809.3	49539.9	2836.9	16900.6
1984	96.8	10325.4	2675.6	24786.2	2972.4	35611.6	5809.3	55349.1	2836.9	19737.5
1985	296.8	11,22.2	2675.6	27461.8	2972.4	38584.0	5809.3	61158.4	2836.9	22574.4
1986	296.8	11,19.0	2675.6	30137.4	2972.4	41556.4	5809.3	66967.7	2836.9	25411.3
1987	289.7	11708.6	2575.3	32712.7	2865.0	44421.4	5569.6	72537.3	2704.6	28115.9
1988	270.0	1178.6	2337.1	35049.9	2607.1	47028.5	5044.5	77581.8	2437.4	30553.3
1989	233.3	12,12.0	1987.7	37037.5	2221.0	49249.5	42290.9	81872.7	2069.9	32623.2
1990	182.6	12394.6	1511.3	38548.8	1625.2	50943.4	3229.8	85102.5	1535.9	34159.1
1991	129.2	12523.7	1103.7	39652.5	1232.8	52175.2	2347.4	87449.9	1114.6	35273.7
1992	75.8	12,99.5	657.1	40309.5	732.8	52209.0	1384.7	88834.6	651.9	35925.6
1993	36.0	12,35.5	157.2	40466.8	193.3	53102.3	334.6	82169.2	141.4	36066.9
1994	2.3	12,37.9	0.	40466.8	2.3	53104.6	0.	89169.2	-2.3	36064.6

U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines	
Total Operating Cost	Cum.	Ann.	Cum.	Revenues	Cum.	Net Cash Flows	Cum.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	-18.1	-18.1
0.	0.	0.	0.	0.	0.	-65.8	-84.0
0.	0.	0.	0.	0.	0.	-257.7	-1189.4
0.	0.	0.	0.	0.	0.	-190.8	-274.8
20.9	120.9	742.4	1067.2	380.6	380.6	-411.8	-686.5
95.6	516.5	1366.0	2433.2	1120.8	1501.5	-245.2	-931.7
76.1	1292.6	2305.8	4739.0	2048.1	3549.5	-257.7	-1189.4
64.0	2556.6	2841.1	7580.1	3179.8	6729.3	338.7	-850.8
39.3	4195.9	3202.3	10785.4	3865.1	10594.4	659.8	-191.0
018.5	6214.5	3473.8	14259.2	4424.6	15C19.0	950.8	759.7
318.3	8732.8	3520.5	17779.7	5474.6	20493.6	1954.2	2713.9
75.6	11408.4	2970.0	20749.7	5809.3	26302.9	2839.2	5553.1
75.6	14083.9	2972.4	23722.1	5809.3	32112.1	2836.9	8390.0
75.6	16759.5	2972.4	26634.5	5809.3	37921.4	2836.9	11226.9
75.6	19435.1	2972.4	29666.9	5809.3	43730.6	2836.9	14063.8
75.6	22110.7	2972.4	32639.2	5809.3	49539.9	2836.9	16900.6
75.6	24786.2	2972.4	35611.6	5809.3	55349.1	2836.9	19737.5
75.6	27461.8	2972.4	38584.0	5809.3	61158.4	2836.9	22574.4
75.6	30137.4	2972.4	41556.4	5809.3	66967.7	2836.9	25411.3
75.3	32712.7	2865.0	44421.4	5564.6	72537.3	2704.6	28115.9
37.1	35049.9	2607.1	47028.5	5044.5	77581.8	2437.4	30553.3
87.7	37037.5	2221.0	49249.5	4290.9	81872.7	2069.9	32623.2
111.3	38548.8	1693.9	50943.4	3229.8	85102.5	1535.9	34159.1
03.7	39652.5	1232.8	52176.2	2347.4	87449.9	1114.6	35273.7
57.1	40309.5	732.8	52909.0	1384.7	88834.6	651.9	35925.6
57.2	40466.8	193.3	53102.3	334.6	89160.2	141.4	36066.9
0.	40466.8	2.3	53104.6	0.	39169.2	-2.3	36064.6

Table S1.25. Cash Flows for U.S. Airlines and for "U.S. Interest in SST Program" for Various Sources of Estimates, for Quantity 400
 (Fares of 1.0 Times Current Fares), in Millions of Dollars

b. Production and Development Cost - FAA
 Operating Cost - ORI

Year	U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines	
	Acquisition Cost	Cum.	Total Operating Cost	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1970	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1971	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
1972	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
1973	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
1974	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
1975	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
1976	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
1977	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
1978	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
1979	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
1980	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
1981	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
1982	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
1983	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
1984	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
1985	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
1986	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
1987	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
1988	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
1989	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
1990	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
1991	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
1992	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
1993	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
1994	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

c. Production and Development Cost - PRC
Operating Cost - ORI

U.S. Interest in SST Program		Net Cash Flows	
	Ann.	Cum.	
	-63.5	-63.5	
	-221.3	-284.8	
	-304.2	-589.0	
	-274.3	-863.2	
	-453.9	-1317.1	
	-648.9	-1966.1	
	-585.9	-2552.0	
	-170.1	-2722.1	
	181.9	-2549.2	
	814.3	-1725.9	
	1267.7	-458.2	
	1461.6	1003.5	
	1594.0	2597.5	
	1882.8	4486.3	
	1692.2	6172.5	
	1694.9	7867.4	
	1694.9	9562.3	
	1694.9	11257.2	
	1694.9	12952.1	
	1694.9	14647.0	
	1694.9	16341.9	
	1694.9	18036.8	
	1606.5	19643.3	
	1449.4	21092.7	
	1241.5	22334.2	
	929.6	23263.2	
	686.9	23950.1	
	498.7	24358.8	
	94.1	24452.9	
	1.6	24454.5	

U.S. Airlines

Year	U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Total Net Cash Flow	
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
1955	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1969	23.7	23.7	0.	0.	23.7	23.7	0.	0.	-23.7	-23.7
1970	23.1	46.8	0.	0.	89.1	112.8	0.	0.	-89.1	-89.1
1971	66.0	112.0	0.	0.	266.0	378.8	0.	0.	-266.0	-266.0
1972	56.1	168.1	1334.3	1933.3	1143.4	1528.1	380.6	380.6	-768.8	-768.8
1973	1390.8	2720.7	632.9	826.2	2023.7	3551.8	1120.8	1501.5	-902.8	-902.8
1974	2199.4	4925.1	1235.8	2061.9	3435.2	6987.0	2048.1	3549.5	-1387.1	-1387.1
1975	2262.9	7187.9	1935.5	4057.4	4253.3	11245.3	3179.8	6729.3	-1078.5	-1078.5
1976	2477.8	9435.4	2552.5	6509.9	4800.3	16045.7	3865.1	10594.4	-935.2	-935.2
1977	2888.5	11524.3	3078.8	9688.6	5167.3	21212.9	4424.6	15019.0	-742.7	-742.7
1978	1429.3	12923.6	3303.5	13492.2	5232.9	26445.8	5474.6	20493.6	-241.8	-241.8
1979	392.3	13342.3	4039.6	17531.8	4434.9	30980.7	5809.3	26302.9	1374.3	1374.3
1980	396.3	13747.7	4039.6	21571.4	4438.4	35319.1	5809.3	32112.1	1370.8	1370.8
1981	398.8	14146.5	4039.6	25611.0	4438.4	39757.5	5809.3	37921.4	1370.8	1370.8
1982	393.8	14545.3	4039.6	29650.0	4438.4	44196.0	5809.3	43730.6	1370.8	1370.8
1983	398.3	14944.2	4039.6	33690.2	4438.4	48634.4	5809.3	49539.9	1370.8	1370.8
1984	398.9	15343.0	4039.6	37729.3	4438.4	53712.8	5909.3	55349.1	1370.8	1370.8
1985	398.8	15741.8	4039.6	41769.4	4438.4	57211.2	5909.3	61158.4	1370.8	1370.8
1986	398.8	16140.6	4039.6	45809.0	4438.4	61949.6	5809.3	66967.7	1370.8	1370.8
1987	389.5	16531.1	3889.9	49698.9	4279.4	66229.5	5569.6	72537.3	1290.2	1290.2
1988	363.4	16893.5	3529.2	53227.1	3891.6	70120.6	5044.5	77581.8	1152.9	1152.9
1989	314.7	17209.2	2992.1	56219.2	3306.8	73427.4	4290.9	81872.7	984.1	984.1
1990	246.9	17455.1	2259.6	58477.3	2505.6	75333.0	3229.8	85102.5	724.2	724.2
1991	175.1	17637.3	1632.0	60109.9	1807.2	77740.1	2347.4	87449.9	540.3	540.3
1992	103.4	17733.6	960.8	61070.7	1064.2	78304.3	1384.7	88334.6	320.5	320.5
1993	49.5	17781.1	236.1	61306.8	285.5	79089.9	334.6	89169.2	49.1	49.1
1994	3.5	17786.6	0.	61376.8	3.5	79093.4	0.	89169.2	-3.5	-3.5

		U.S. Airlines						U.S. Airlines					
Airlines	U.S. Airlines Total Operating Cost	U.S. Airlines Total Outlay			U.S. Airlines Revenues			U.S. Airlines Net Cash Flows			U.S. Airlines Net Cash Flows		
Cum.	Ann.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	23.7	0.	23.7	0.	0.	0.	0.	-23.7	-23.7	-23.7	-23.7	-23.7	-23.7
7	0.	0.	0.	0.	0.	0.	0.	-89.1	-112.8	-112.8	-112.8	-112.8	-112.8
8	112.4	0.	112.4	0.	0.	0.	0.	-266.0	-378.8	-378.8	-378.8	-378.8	-378.8
9	37.4	0.	37.4	0.	0.	0.	0.	-266.0	-378.8	-378.8	-378.8	-378.8	-378.8
10	1334.3	193.3	193.3	193.3	114.4	1528.1	380.6	-768.8	-147.5	-147.5	-147.5	-147.5	-147.5
11	2726.7	632.9	826.2	2023.7	3435.2	6987.0	2048.1	1501.5	-902.8	-2050.3	-2050.3	-2050.3	-2050.3
12	425.1	1235.8	2061.9	3435.2	4253.3	11247.2	3179.8	3549.5	-1387.1	-3437.5	-3437.5	-3437.5	-3437.5
13	7187.9	1975.5	4057.4	4253.3	4800.3	16045.7	3865.1	10594.4	-1078.5	-4516.0	-4516.0	-4516.0	-4516.0
14	9435.8	2552.5	6679.9	4800.3	5167.3	21212.9	4424.6	15019.0	-1499.3	1743.0	1499.3	1499.3	1499.3
15	11524.3	3079.8	9688.6	5167.3	5232.9	26445.8	5474.6	20493.6	-2010.6	3509.9	3509.9	3509.9	3509.9
16	12923.6	3303.5	13492.2	5232.9	4434.9	30980.7	5809.3	26302.9	1374.3	-4577.8	1692.5	1692.5	1692.5
17	1334.3	4039.6	17531.8	4434.9	4438.4	35319.1	5809.3	32112.1	1370.8	-3207.0	1696.7	1696.7	1696.7
18	13747.7	4039.6	21571.4	4438.4	4438.4	39757.5	5809.3	37921.4	1370.8	-1836.2	1696.7	1696.7	1696.7
19	14146.5	4039.6	25611.0	4438.4	4438.4	44196.0	5809.3	43730.6	1370.8	-463.3	1696.7	1696.7	1696.7
20	14545.3	4039.6	29650.0	4438.4	4438.4	48634.4	5809.3	49539.9	1370.9	905.5	1696.7	1696.7	1696.7
21	14944.2	4039.6	33690.2	4438.4	4438.4	5372.8	5809.3	55349.1	1370.8	2276.4	1696.7	1696.7	1696.7
22	15343.5	4039.6	37729.3	4438.4	4438.4	57511.2	5809.3	61158.4	1370.8	3647.2	1696.7	1696.7	1696.7
23	15741.8	4039.6	41769.4	4438.4	4438.4	61943.6	5809.3	66967.7	1370.8	8445.3	1696.7	1696.7	1696.7
24	16140.6	4039.6	45809.0	4438.4	4438.4	66229.0	5569.6	72537.3	1290.2	9169.5	5018.0	5018.0	5018.0
25	16531.1	3889.9	49698.9	4279.4	4279.4	5372.8	5809.3	55349.1	1370.8	6308.3	1607.7	1607.7	1607.7
26	16893.5	3528.2	53227.1	3891.6	3891.6	70120.6	5044.5	77581.8	1152.9	7461.2	1450.8	1450.8	1450.8
27	17209.2	2992.1	56219.2	3306.8	3306.8	73427.4	4290.9	81872.7	984.1	8445.3	1242.2	1242.2	1242.2
28	17455.1	2258.6	58477.7	2505.6	2505.6	75933.0	3229.8	85122.5	724.2	9169.5	930.2	22310.1	22310.1
29	17637.3	1632.0	60199.9	1807.2	1807.2	77740.1	2347.4	87449.9	540.3	9709.8	687.8	22997.9	22997.9
30	17733.6	960.8	61070.7	1064.2	1064.2	78804.3	1384.7	88834.6	320.5	10030.3	409.3	23407.2	23407.2
31	17783.1	236.1	61306.8	285.5	285.5	79089.9	334.6	89159.2	49.1	10079.3	95.4	23502.7	23502.7
32	17786.6	0.	61306.8	3.5	3.5	79093.4	0.	89169.2	-3.5	10075.8	2.4	23505.1	23505.1

U.S. Interest in
SST Program

		Net Cash Flows					
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
1	0.	0.	0.	0.	0.	-294.4	-382.0
2	0.	0.	0.	0.	0.	-398.0	-780.8
3	0.	0.	0.	0.	0.	-400.3	-1181.1
4	0.	0.	0.	0.	0.	-673.5	-1624.8
5	0.	0.	0.	0.	0.	-961.5	-2816.3
6	0.	0.	0.	0.	0.	-873.0	-3689.4
7	0.	0.	0.	0.	0.	-333.6	-4023.0
8	0.	0.	0.	0.	0.	58.9	-3964.0
9	0.	0.	0.	0.	0.	824.6	-3139.4
10	0.	0.	0.	0.	0.	1326.2	-1813.2
11	0.	0.	0.	0.	0.	1569.5	-243.7
12	0.	0.	0.	0.	0.	1743.0	1499.3
13	0.	0.	0.	0.	0.	2010.6	3509.9
14	0.	0.	0.	0.	0.	1692.5	5202.4
15	0.	0.	0.	0.	0.	1696.7	10292.5
16	0.	0.	0.	0.	0.	1696.7	17079.3
17	0.	0.	0.	0.	0.	1696.7	11989.2
18	0.	0.	0.	0.	0.	1696.7	18687.3
19	0.	0.	0.	0.	0.	1696.7	15382.6
20	0.	0.	0.	0.	0.	1696.7	1242.2
21	0.	0.	0.	0.	0.	1696.7	21380.0
22	0.	0.	0.	0.	0.	930.2	22310.1
23	0.	0.	0.	0.	0.	687.8	22997.9
24	0.	0.	0.	0.	0.	409.3	23407.2
25	0.	0.	0.	0.	0.	95.4	23502.7
26	0.	0.	0.	0.	0.	2.4	23505.1

a. Production and Development Cost - FAA
Operating Cost - FAA

Year	U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines	
	Acquisition Cost	Cum.	Total Operating Cost	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-63.5
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-221.3
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-304.2
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-265.1
1969	11.8	0.0	0.0	0.0	19.8	19.8	0.0	0.0	0.0	-466.6
1970	70.7	76.5	0.0	0.0	76.7	76.7	0.0	0.0	0.0	-634.5
1971	37.5	334.3	0.0	0.0	237.8	334.3	0.0	0.0	0.0	-626.2
1972	67.4	116.3	120.9	120.9	950.3	1234.6	417.1	417.1	417.1	-263.4
1973	135.6	254.4	446.1	566.9	1830.7	3115.3	1377.6	1794.7	1794.7	411.6
1974	215.0	412.4	62.0	1528.9	2147.9	2633.2	2779.9	4574.6	4574.6	-308.1
1975	220.9	657.5	3151.2	3090.1	3812.1	1075.3	4263.6	FE43.2	456.5	-1232.1
1976	232.0	932.3	2158.4	5238.5	4496.6	14561.9	5493.0	14237.1	14237.1	3385.6
1977	229.4	1167.8	2969.8	8148.2	5194.1	19756.0	6311.2	21248.2	21248.2	1492.3
1978	231.1	1368.0	3420.5	11568.8	5501.6	25257.6	8079.9	29228.3	29228.3	4097.8
1979	177.1	1486.9	3681.2	12250.6	4858.3	30115.9	9686.3	38C14.5	38C14.5	4908.3
1980	472.8	1535.7	3670.6	14220.6	4463.4	34579.3	9372.5	47287.1	47287.1	5107.8
1981	472.8	15551.5	4332.2	23552.8	4825.0	39434.3	10237.6	57624.7	57624.7	5241.7
1982	472.8	16344.3	4260.9	27913.7	4853.7	44258.0	10306.3	67931.0	67931.0	5745.5
1983	492.8	16537.1	4350.7	32274.6	4853.7	49111.6	10306.3	78237.2	78237.2	5785.5
1984	492.8	17321.9	4360.9	36625.4	4853.7	53955.3	10306.3	88543.5	88543.5	5785.5
1985	472.8	17522.4	4350.9	43966.3	4853.7	58819.0	10306.3	98845.5	98845.5	5452.6
1986	492.8	18315.4	4260.0	43357.2	4853.7	63672.0	10306.3	100156.0	100156.0	5785.5
1987	484.9	1860.2	4260.0	43517.8	4745.5	68418.1	10044.2	119200.2	119200.2	5785.5
1988	423.2	19252.5	3379.4	53527.2	4438.6	72556.7	9365.0	12858.3	12858.3	5452.6
1989	400.0	17667.4	3503.4	57105.6	3914.3	76771.0	8246.8	136817.1	136817.1	5240.7
1990	351.5	16572.3	2932.0	62037.6	3262.8	80033.9	6848.2	143665.2	143665.2	4610.7
1991	252.1	20242.4	2212.6	52328.2	2542.7	82576.5	5388.0	149053.2	149053.2	3814.1
1992	173.1	20421.5	1451.1	63779.3	1624.3	84200.8	3395.0	152448.2	152448.2	3021.0
1993	194.4	20157.7	940.3	64719.6	1034.7	85235.5	2226.3	154674.6	154674.6	1893.1
1994	31.3	20442.2	579.7	65399.3	710.9	853946.5	1620.0	156294.6	156294.6	1260.7
										936.1

U.S. Airlines

U.S. Interest in SSST Program

U.S. Interest in SST Program		Net Cash Flows	
	Ann.	Cum.	
	-63•5	-63•5	
-221•3	-284•8		
-304•2	-589•0		
-265•1	-854•0		
-466•6	-1320•6		
-634•5	-1555•1		
-626•2	-2581•3		
-263•4	-2844•6		
411•6	-2433•0		
1c18•2	-814•5		
2646•9	1832•4		
3385•6	5218•0		
4097•8	9315•8		
4908•3	14224•2		
5107•8	19332•0		
5241•7	24573•7		
5745•5	30319•2		
5785•5	36104•8		
5785•5	41890•3		
5785•5	477675•9		
5785•5	53461•4		
5785•5	59246•9		
2626•0	64872•9		
5240•7	70113•6		
4610•7	74724•3		
3814•1	78538•5		
3C21•0	81559•5		
1593•1	83452•6		
1260•7	84713•3		
936•1	85649•3		

Table S1.26. Cash Flows for U.S. Airlines and for "U.S. Interest in SST Program" for Various Sources of Estimates, for Quantity 600 of B
 (Fares of 1.1 Times Current Fares), in Millions of Dollars

b. Production and Development Cost .. FAA
 Operating Cost - ORI

Year	U.S. Airlines				U.S. Airlines				U.S. Airlines				U.S. Airlines			
	Acquisition Cost		Total Operating Cost		Total Outlay		Revenues		Ann.		Cum.		Ann.		Cum.	
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1969	19.8	19.8	19.8	0.	0.	0.	19.8	19.8	0.	0.	0.	0.	-19.8	-19.8	-19.8	-19.8
1970	76.7	96.5	0.	0.	0.	0.	76.7	96.5	0.	0.	0.	0.	-76.7	-96.5	-96.5	-96.5
1971	237.8	334.3	0.	0.	0.	0.	237.8	334.3	0.	0.	0.	0.	-237.8	-324.3	-324.3	-324.3
1972	829.4	1,633.8	193.3	193.3	193.3	193.3	1022.7	1357.0	417.1	417.1	417.1	417.1	-605.6	-939.9	-939.9	-939.9
1973	1384.6	2,548.4	715.3	908.5	2099.8	3456.9	1377.6	1794.7	-722.3	-722.3	-722.3	-722.3	-1662.2	-1662.2	-1662.2	-1662.2
1974	2186.0	4,734.3	1536.9	2445.4	3722.9	7179.8	2779.9	4574.6	-943.0	-943.0	-943.0	-943.0	-2605.2	-2605.2	-2605.2	-2605.2
1975	2260.9	6,995.3	2447.6	4893.1	4708.6	1188.3	4268.6	8843.2	-439.9	-439.9	-439.9	-439.9	-3045.1	-3045.1	-3045.1	-3045.1
1976	2328.2	9,323.5	3321.9	8215.0	5650.1	17538.4	5493.9	14337.1	-156.2	-156.2	-156.2	-156.2	-3201.3	-3201.3	-3201.3	-3201.3
1977	2284.3	11,607.8	4335.6	12550.6	6619.9	24158.4	6911.2	21248.3	291.3	291.3	291.3	291.3	-2910.0	-2910.0	-2910.0	-2910.0
1978	2081.0	13,688.8	5074.3	17624.9	7155.3	31313.7	8079.9	29328.3	924.6	924.6	924.6	924.6	-1985.4	-1985.4	-1985.4	-1985.4
1979	1177.1	14,865.9	5460.7	23085.6	6637.8	37951.5	8686.3	38C14.5	2048.5	2048.5	2048.5	2048.5	63.1	63.1	63.1	63.1
1980	492.8	15,358.7	5890.0	28975.6	6382.8	44334.2	9372.5	47387.1	2989.8	2989.8	2989.8	2989.8	3052.8	3052.8	3052.8	3052.8
1981	492.8	15,851.5	6426.0	35401.6	6918.8	51253.0	10237.6	57624.7	3318.8	3318.8	3318.8	3318.8	6371.7	6371.7	6371.7	6371.7
1982	492.8	16,344.3	6469.2	41870.8	6962.0	58215.1	10306.3	67931.0	3344.2	3344.2	3344.2	3344.2	9715.9	9715.9	9715.9	9715.9
1983	492.8	16,837.1	6469.2	48340.1	6962.0	65177.1	10306.3	78237.2	3344.2	3344.2	3344.2	3344.2	13060.1	13060.1	13060.1	13060.1
1984	492.8	17,329.9	6469.2	54809.3	6962.0	72139.2	10306.3	88543.5	3344.2	3344.2	3344.2	3344.2	16404.3	16404.3	16404.3	16404.3
1985	492.8	17,822.6	6469.2	61278.6	6962.0	79101.2	10306.3	98849.8	3344.2	3344.2	3344.2	3344.2	19748.6	19748.6	19748.6	19748.6
1986	492.8	19,315.4	6469.2	67747.8	6962.0	86063.2	10306.3	109156.0	3344.2	3344.2	3344.2	3344.2	23092.8	23092.8	23092.8	23092.8
1987	484.9	18,800.3	6319.5	74067.3	6804.4	92867.7	10044.2	119200.2	3239.8	3239.8	3239.8	3239.8	26332.5	26332.5	26332.5	26332.5
1988	459.2	19,259.5	5891.6	79958.9	6350.8	99218.5	9368.0	128568.3	3017.3	3017.3	3017.3	3017.3	29349.8	29349.8	29349.8	29349.8
1989	405.9	19,665.4	5167.1	85126.1	5573.0	104791.5	8248.8	136817.1	2675.8	2675.8	2675.8	2675.8	32025.6	32025.6	32025.6	32025.6
1990	330.8	19,996.3	4284.1	89410.2	4615.0	109406.5	6848.2	143665.2	2233.2	2233.2	2233.2	2233.2	34258.8	34258.8	34258.8	34258.8
1991	252.1	20,248.4	3333.5	92743.7	3585.6	112992.1	5388.0	149053.2	1802.4	1802.4	1802.4	1802.4	36061.2	36061.2	36061.2	36061.2
1992	173.1	20,421.5	2133.7	94877.4	2306.8	115298.9	3395.0	152448.3	1088.2	1088.2	1088.2	1088.2	37149.4	37149.4	37149.4	37149.4
1993	94.4	20,515.9	1394.9	96272.3	1489.3	116788.2	2226.3	154672.6	737.0	737.0	737.0	737.0	37886.4	37886.4	37886.4	37886.4
1994	31.3	20,547.2	1008.5	97280.9	1039.8	117828.0	1620.0	156294.6	580.2	580.2	580.2	580.2	38466.5	38466.5	38466.5	38466.5

A

c. Production and Development Cost - PRC
Operating Cost - ORI

U.S. Interest* in SST Program		Net Cash Flows	
Ann.	Cum.	Ann.	Cum.
0.	-63.5	-63.5	-63.5
0.	-221.3	-284.8	-284.8
0.	-304.2	-589.0	-589.0
0.	-265.1	-854.0	-854.0
19.8	-466.6	-1320.6	-1320.6
96.5	-634.5	-1955.1	-1955.1
34.3	-626.2	-2581.3	-2581.3
39.9	-335.8	-2917.0	-2917.0
62.2	142.4	-2774.6	-2774.6
05.2	1043.6	-1731.0	-1731.0
45.1	1750.4	19.4	19.4
01.3	2222.1	2241.5	2241.5
10.0	2672.0	4913.5	4913.5
85.4	3254.6	8168.1	8168.1
63.1	3328.3	11496.5	11496.5
52.8	3322.2	14816.7	14816.7
71.7	3651.8	18470.5	18470.5
15.9	3677.2	22147.6	22147.6
60.1	3677.2	25824.8	25824.8
04.3	3677.2	29502.0	29502.0
48.6	3677.2	33179.2	33179.2
92.8	3677.2	36856.3	36856.3
32.5	3567.1	40423.4	40423.4
49.8	3328.5	43751.9	43751.9
25.6	2952.0	46703.9	46703.9
258.8	2462.0	49165.9	49165.9
61.2	1978.1	51144.0	51144.0
149.4	1210.5	52354.5	52354.5
886.4	806.1	53160.6	53160.6
466.5	607.2	53767.8	53767.8

Year	U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues	
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
	0.	0.	0.	0.	0.	0.	0.	0.
1965	0.	0.	0.	0.	0.	0.	0.	0.
1966	0.	0.	0.	0.	0.	0.	0.	0.
1967	0.	0.	0.	0.	0.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.
1969	25.9	25.9	0.	0.	25.9	25.9	0.	0.
1970	103.6	129.5	0.	0.	103.6	129.5	0.	0.
1971	330.9	460.4	0.	0.	330.9	460.4	0.	0.
1972	1179.8	1640.2	193.3	193.3	1373.1	1833.4	417.1	417.1
1973	1988.0	3628.2	908.5	908.5	2703.3	4536.7	1377.6	1794.7
1974	3147.8	6776.0	1536.9	2445.4	4684.7	9221.4	2779.9	4574.6
1975	3247.9	10023.9	2447.6	4893.1	5695.5	14916.9	4268.6	8843.2
1976	3338.7	13362.6	3321.9	8215.0	6660.6	21577.6	5493.9	14337.1
1977	3277.6	16640.2	4335.6	12550.6	7613.2	29190.8	6911.2	21248.3
1978	2981.4	19621.6	5C74.3	17624.9	8055.7	37246.5	8079.9	29328.3
1979	1664.9	21286.5	5460.7	23085.6	7125.6	44372.0	8686.3	38C14.5
1980	662.2	21948.6	5890.0	28975.6	6552.2	50924.2	9372.5	47387.1
1981	662.2	22610.8	6426.0	35401.6	7088.2	58012.4	10217.6	57624.7
1982	662.2	23273.0	6469.2	41870.8	7131.4	65143.8	1036.3	6731.0
1983	662.2	23935.1	6469.2	48340.4	7131.4	72275.2	10306.3	78237.2
1984	662.2	24597.3	6469.2	548C9.3	7131.4	79406.6	10306.3	88543.5
1985	662.2	25259.5	6469.2	61278.6	7131.4	86538.0	10306.3	98849.8
1986	662.2	25921.6	6469.2	67747.8	7131.4	93669.4	10306.3	10956.0
1987	651.8	26573.5	6319.5	74067.3	6971.4	100640.8	10044.2	119200.2
1988	617.9	27191.4	5891.6	79958.9	6509.5	107150.3	9368.0	128568.3
1989	547.1	27738.5	5167.1	85126.1	5714.3	112864.6	8248.8	136917.1
1990	446.8	28185.3	4284.1	89410.2	4731.0	117595.5	6848.2	143665.2
1991	341.0	28526.4	3333.5	92743.7	3674.5	121270.1	5388.0	149C53.2
1992	235.0	28761.3	2133.7	94877.4	2368.6	123638.7	3395.0	152448.3
1993	129.1	28890.5	1394.9	96272.3	1524.1	125162.8	2226.3	154674.6
1994	43.7	28934.2	1C08.5	97280.9	1052.3	126215.1	1620.0	156294.6

		U.S. Airlines				U.S. Airlines				U.S. Airlines			
		Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows		U.S. Airlines Net Cash Flows		U.S. Airlines Cum.	
.		Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
-	2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-87.6	-87.6
-	3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-294.4	-382.0
-	4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-398.8	-780.8
-	5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-385.9	-1166.7
-	6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-25.9	-25.9
-	7	0.	0.	25.9	25.9	0.	0.	0.	0.	0.	0.	-103.6	-129.5
-	8	0.	0.	103.6	129.5	0.	0.	0.	0.	0.	0.	-33C.9	-460.4
-	9	0.	0.	330.9	460.4	0.	0.	0.	0.	0.	0.	-25.9	-25.9
-	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-1416.3	-1416.3
-	11	0.	0.	193.3	1373.1	1833.4	417.1	417.1	417.1	417.1	417.1	-955.9	-955.9
-	12	0.	0.	715.3	908.5	2703.3	4536.7	1377.6	1794.7	1794.7	1794.7	-1325.7	-2742.0
-	13	0.	0.	1536.9	2445.4	4684.7	9221.4	2779.9	4574.6	4574.6	4574.6	-1904.8	-4646.3
-	14	0.	0.	2447.3	4893.1	5695.5	14916.9	4268.6	8843.2	8843.2	8843.2	-1426.9	-6073.8
-	15	0.	0.	3321.9	8215.0	6660.6	21517.6	5493.9	14337.1	14337.1	14337.1	-1166.7	-724C.5
-	16	0.	0.	4335.6	12550.6	7613.2	29190.8	6911.2	21248.3	21248.3	21248.3	-702.0	-7942.5
-	17	0.	0.	5C74.3	17624.9	8055.7	37246.5	8079.9	29328.3	29328.3	29328.3	24.3	-7918.2
-	18	0.	0.	5460.7	23085.6	7125.6	44372.0	8686.2	38C14.5	38C14.5	38C14.5	1560.7	-6357.5
-	19	0.	0.	5890.0	28975.6	6552.2	50924.2	9372.5	47387.1	47387.1	47387.1	2820.4	-3537.1
-	20	0.	0.	6426.0	35401.6	7088.2	58012.4	10237.6	57624.7	57624.7	57624.7	3149.4	-387.7
-	21	0.	0.	6469.2	41870.8	7131.4	65143.8	10306.3	67931.0	67931.0	67931.0	3174.8	2787.2
-	22	0.	0.	6469.2	48340.1	7131.4	72275.2	10306.3	78237.2	78237.2	78237.2	3174.8	5962.0
-	23	0.	0.	6469.2	54809.3	7131.4	79406.6	10306.3	88543.5	88543.5	88543.5	3174.8	9136.9
-	24	0.	0.	6469.2	61278.6	7131.4	86538.0	10306.3	98849.8	98849.8	98849.8	3174.8	12311.7
-	25	0.	0.	6469.2	67747.8	7131.4	93669.4	10306.3	109156.0	109156.0	109156.0	3174.8	15486.6
-	26	0.	0.	6319.5	74067.3	6971.4	100640.8	10044.2	119200.2	119200.2	119200.2	3012.8	18559.4
-	27	0.	0.	5891.6	79958.9	6509.5	107150.3	9368.0	128568.3	128568.3	128568.3	2858.6	21418.0
-	28	0.	0.	5167.1	85126.1	5714.3	112864.6	8248.8	136817.1	136817.1	136817.1	2534.5	23952.5
-	29	0.	0.	4284.1	89410.2	4731.0	117595.5	5848.2	143665.2	143665.2	143665.2	2117.2	26069.7
-	30	0.	0.	3333.5	92743.7	3674.5	121270.1	5388.0	149C53.2	149C53.2	149C53.2	1713.5	27783.1
-	31	0.	0.	2133.7	94877.4	2368.6	123638.7	3395.0	152448.3	152448.3	152448.3	1026.4	28804.6
-	32	0.	0.	1394.9	96272.3	1524.1	125162.8	2226.3	154674.6	154674.6	154674.6	702.2	29511.8
-	33	0.	0.	1C08.5	97280.9	1052.3	126215.1	1620.0	156294.6	156294.6	156294.6	567.7	30079.5

		U.S. Interest in SST Program			
		Net Cash Flows		Net Cash Flows	
.		Ann.	Cum.	Ann.	Cum.
-	2	0.	0.	0.	0.
-	3	0.	0.	0.	0.
-	4	0.	0.	0.	0.
-	5	0.	0.	0.	0.
-	6	0.	0.	0.	0.
-	7	0.	0.	0.	0.
-	8	0.	0.	0.	0.
-	9	0.	0.	0.	0.
-	10	0.	0.	0.	0.
-	11	0.	0.	0.	0.
-	12	0.	0.	0.	0.
-	13	0.	0.	0.	0.
-	14	0.	0.	0.	0.
-	15	0.	0.	0.	0.
-	16	0.	0.	0.	0.
-	17	0.	0.	0.	0.
-	18	0.	0.	0.	0.
-	19	0.	0.	0.	0.
-	20	0.	0.	0.	0.
-	21	0.	0.	0.	0.
-	22	0.	0.	0.	0.
-	23	0.	0.	0.	0.
-	24	0.	0.	0.	0.
-	25	0.	0.	0.	0.
-	26	0.	0.	0.	0.
-	27	0.	0.	0.	0.
-	28	0.	0.	0.	0.
-	29	0.	0.	0.	0.
-	30	0.	0.	0.	0.
-	31	0.	0.	0.	0.
-	32	0.	0.	0.	0.
-	33	0.	0.	0.	0.
-	34	0.	0.	0.	0.
-	35	0.	0.	0.	0.
-	36	0.	0.	0.	0.
-	37	0.	0.	0.	0.
-	38	0.	0.	0.	0.
-	39	0.	0.	0.	0.
-	40	0.	0.	0.	0.
-	41	0.	0.	0.	0.
-	42	0.	0.	0.	0.
-	43	0.	0.	0.	0.
-	44	0.	0.	0.	0.
-	45	0.	0.	0.	0.
-	46	0.	0.	0.	0.
-	47	0.	0.	0.	0.
-	48	0.	0.	0.	0.
-	49	0.	0.	0.	0.
-	50	0.	0.	0.	0.
-	51	0.	0.	0.	0.
-	52	0.	0.	0.	0.
-	53	0.	0.	0.	0.
-	54	0.	0.	0.	0.
-	55	0.	0.	0.	0.
-	56	0.	0.	0.	0.
-	57	0.	0.	0.	0.
-	58	0.	0.	0.	0.
-	59	0.	0.	0.	0.
-	60	0.	0.	0.	0.
-	61	0.	0.	0.	0.
-	62	0.	0.	0.	0.
-	63	0.	0.	0.	0.
-	64	0.	0.	0.	0.
-	65	0.	0.	0.	0.
-	66	0.	0.	0.	0.
-	67	0.	0.	0.	0.
-	68	0.	0.	0.	0.
-	69	0.	0.	0.	0.
-	70	0.	0.	0.	0.
-	71	0.	0.	0.	0.
-	72	0.	0.	0.	0.
-	73	0.	0.	0.	0.
-	74	0.	0.	0.	0.
-	75	0.	0.	0.	0.
-	76	0.	0.	0.	0.
-	77	0.	0.	0.	0.
-	78	0.	0.	0.	0.
-	79	0.	0.	0.	0.
-	80	0.	0.	0.	0.
-	81	0.	0.	0.	0.
-	82	0.	0.	0.	0.
-	83	0.	0.	0.	0.
-	84	0.	0.	0.	0.
-	85	0.	0.	0.	0.
-	86	0.	0.	0.	0.
-	87	0.	0.	0.	0.
-	88	0.	0.	0.	0.
-	89	0.	0.	0.	0.
-	90	0.	0.	0.	0.
-	91	0.	0.	0.	0.
-	92	0.	0.	0.	0.
-	93	0.	0.	0.	0.
-	94	0.	0.	0.	0.
-	95	0.	0.	0.	0.
-	96	0.	0.	0.	0.
-	97	0.	0.	0.	0.
-	98	0.	0.	0.	0.
-	99	0.	0.	0.	0.
-	100	0.	0.	0.	0.
-	101	0.	0.	0.	0.
-	102	0.	0.	0.	0.
-	103	0.	0.	0.	0.
-	104	0.	0.	0.	0.
-	105	0.	0.	0.	0.
-	106	0.	0.	0.	0.
-	107	0.	0.	0.	0.
-	108	0.	0.	0.	0.
-	109	0.	0.	0.	0.
-	110	0.	0.	0.	0.
-	111	0.	0.	0.	0.
-	112	0.	0.	0.	0.
-	113	0.	0.	0.	0.
-	114	0.	0.	0.	0.
-	115	0.	0.	0.	0.
-	116	0.	0.	0.	0.
-	117	0.	0.	0.	0.
-	118	0.	0.	0.	

a. Production and Development Cost - FAA
Operating Cost - FAA

Year	U.S. Airlines				U.S. Airlines				U.S. Airlines			
	Acquisition Cost	Total Operating Cost	Ann.	Cum.	Ann.	Total Outlay	U.S. Airlines Revenues	U.S. Airlines Cum.	Ann.	U.S. Airlines Revenues	U.S. Airlines Cum.	Ann.
1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1969	19.8	19.8	0.	0.	19.8	19.8	19.8	19.8	0.	0.	0.	-19.8
1970	76.7	96.5	0.	0.	76.7	96.5	96.5	96.5	0.	0.	0.	-96.5
1971	237.8	334.3	0.	0.	237.8	334.3	334.3	334.3	0.	0.	0.	-334.3
1972	829.4	1163.8	120.9	950.3	1284.6	1284.6	1284.6	1284.6	380.6	380.6	380.6	-904.0
1973	1384.6	2548.4	446.1	566.9	1830.7	3115.3	1257.5	1257.5	1638.1	1638.1	1638.1	-1477.2
1974	2186.0	4734.3	962.0	1528.9	3147.9	6263.2	2537.9	2537.9	4176.0	4176.0	4176.0	-2087.2
1975	2260.9	6995.3	1551.2	3080.1	3812.1	10075.3	3898.1	3898.1	8C74.1	8C74.1	86.0	-2001.2
1976	2328.2	9323.5	2158.4	5238.5	4486.6	14561.9	5020.4	5020.4	13C94.6	13C94.6	533.8	-1467.4
1977	2284.3	11607.8	2909.8	8148.2	5194.1	19756.0	6320.0	6320.0	19414.6	19414.6	1125.9	-341.4
1978	2081.0	13688.8	3420.5	11568.8	5501.6	25257.6	7389.2	7389.2	26803.8	26803.8	1887.7	1546.2
1979	1177.1	14865.9	3681.2	15250.0	4858.3	30115.9	7943.7	7943.7	34747.6	34747.6	3085.5	4631.7
1980	492.8	15358.7	3970.6	19220.6	4463.4	34579.3	8571.3	8571.3	43318.9	43318.9	4108.0	8739.6
1981	492.8	15851.5	4332.2	23552.3	4825.0	39404.3	9362.4	9362.4	52681.3	52681.3	4537.4	13277.0
1982	492.8	16344.3	4360.9	27913.7	4853.7	44258.0	9425.2	9425.2	62106.6	62106.6	4571.6	17848.6
1983	492.8	16837.1	4360.9	32274.6	4853.7	49111.6	9425.2	9425.2	71531.8	71531.8	4571.6	22420.2
1984	492.8	17329.9	4360.9	36635.4	4853.7	53965.3	9425.2	9425.2	80957.C	80957.C	4571.6	26991.7
1985	492.8	17822.6	4360.9	40996.3	4853.7	58819.0	9425.2	9425.2	90382.2	90382.2	4571.6	31563.3
1986	492.8	18315.4	4360.9	45357.2	4853.7	63672.6	9425.2	9425.2	99807.5	99807.5	4571.6	36134.8
1987	484.9	18800.3	4260.6	49617.8	4745.5	68418.1	9185.6	9185.6	10893.0	10893.0	4440.1	40574.9
1988	459.2	19259.5	3979.4	53597.2	4438.6	72856.7	8567.1	8567.1	11756.2	11756.2	4128.5	44703.4
1989	405.9	19665.4	3508.4	57105.6	3914.3	76771.0	7544.1	7544.1	125104.2	125104.2	3629.8	48333.2
1990	330.8	1996.3	2932.0	60037.6	3262.8	80033.9	6264.0	6264.0	131368.2	131368.2	3001.1	51334.3
1991	252.1	20248.4	2290.6	62328.2	2542.7	82576.5	4928.1	4928.1	136296.3	136296.3	2385.4	53719.8
1992	173.1	20421.5	1451.1	63779.3	1624.3	84200.8	3105.2	3105.2	139401.5	139401.5	1480.9	55200.7
1993	94.4	20515.9	940.3	64719.6	1034.7	85235.5	2036.0	2036.0	141437.2	141437.2	1001.3	56202.0
1994	31.3	20547.2	679.7	65349.3	710.9	85946.5	1481.5	1481.5	142919.0	142919.0	770.6	56972.5

nd Development Cost - FAA
st - FAA

U.S. Airlines									
U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19.8	19.8	0.	0.	19.8	19.8	0.	0.	-19.8	-19.8
76.7	96.5	0.	0.	76.7	96.5	0.	0.	-76.7	-96.5
37.8	334.3	0.	0.	237.8	334.3	0.	0.	-237.8	-334.3
29.4	1163.8	120.9	950.3	1284.6	380.6	380.6	-569.7	-904.0	-299.9
84.6	2548.4	446.1	566.9	1830.7	3115.3	1257.5	1638.1	-573.2	-1477.2
86.0	4734.3	962.0	1528.9	3147.9	6263.2	2537.9	4176.0	-610.0	-2087.2
60.9	6995.3	1551.2	3080.1	3812.1	10075.3	3898.1	8C74.1	86.0	-2001.2
28.2	9323.5	2158.4	5238.5	4486.6	14561.9	5020.4	13C94.6	533.8	-1467.4
84.3	11607.8	2909.8	8148.2	5194.1	19756.0	6320.0	19414.6	1125.9	-341.4
81.0	13688.8	3420.5	11568.8	5501.6	25257.6	7389.2	26803.8	1887.7	1546.2
77.1	14865.9	3681.2	15250.0	4858.3	30115.9	7943.7	34747.6	3085.5	4631.7
92.8	15358.7	3970.6	19220.6	4455.4	34579.3	8571.3	43318.9	4108.0	8739.6
92.8	15851.5	4332.2	23552.8	4825.0	39404.3	9362.4	52681.1	4537.4	13277.0
92.8	16344.3	4360.9	27913.7	4853.7	44258.0	9425.2	62106.6	4571.6	17848.6
92.8	16837.1	4360.9	32274.6	4853.7	49111.6	9425.2	71531.8	4571.6	22420.2
92.8	17329.9	4360.9	36635.4	4853.7	53965.3	9425.2	80957.0	4571.6	26991.7
92.8	17822.6	4360.9	40996.3	4853.7	58819.0	9425.2	90382.2	4571.6	31563.3
92.8	18315.4	4360.9	45357.2	4853.7	63672.6	9425.2	99807.5	4571.6	36134.8
84.9	18800.3	4260.6	49617.8	4745.5	68418.1	9185.6	108993.0	4440.1	40574.9
59.2	19259.5	3979.4	53597.2	4438.6	72856.7	8567.1	117560.2	4128.5	44703.4
65.9	19665.4	3508.4	57105.6	3914.3	76771.0	7544.1	125104.2	36229.8	48332.2
30.8	19996.3	2932.0	60037.6	3262.8	80033.9	6264.0	131368.2	3001.1	51334.3
52.1	20248.4	2290.6	62328.2	2542.7	82576.5	4928.1	136296.3	2385.4	53719.8
73.1	20421.5	1451.1	63779.3	1624.3	84200.8	3105.2	139401.5	1480.9	55200.7
94.4	20515.9	940.3	64719.6	1034.7	85235.5	2036.0	141437.5	1001.3	56202.0
31.3	20547.2	679.7	65399.3	710.9	85946.5	1481.5	142919.0	770.6	56972.5

U.S. Interest in SST Program		Net Cash Flows	
Ann.	Cum.	Ann.	Cum.
0.	0.	0.	0.
0.	0.	0.	0.
0.	0.	0.	0.
0.	0.	0.	0.
19.8	19.8	0.	0.
76.7	96.5	0.	0.
37.8	334.3	0.	0.
29.4	1163.8	120.9	950.3
84.6	2548.4	446.1	566.9
86.0	4734.3	962.0	1528.9
60.9	6995.3	1551.2	3080.1
28.2	9323.5	2158.4	5238.5
84.3	11607.8	2909.8	8148.2
81.0	13688.8	3420.5	11568.8
77.1	14865.9	3681.2	15250.0
92.8	15358.7	3970.6	19220.6
92.8	15851.5	4332.2	23552.8
92.8	16344.3	4360.9	27913.7
92.8	16837.1	4360.9	32274.6
92.8	17329.9	4360.9	36635.4
92.8	17822.6	4360.9	40996.3
92.8	18315.4	4360.9	45357.2
84.9	18800.3	4260.6	49617.8
59.2	19259.5	3979.4	53597.2
65.9	19665.4	3508.4	57105.6
30.8	19996.3	2932.0	60037.6
52.1	20248.4	2290.6	62328.2
73.1	20421.5	1451.1	63779.3
94.4	20515.9	940.3	64719.6
31.3	20547.2	679.7	65399.3

Table S1.27. Cash Flows for U.S. Airlines and for "U.S. Interest in SST Program" for Various Sources of Estimates, for Quantity 600
 (Fares of 1.0 Times Current Fares), in Millions of Dollars

b. Production and Development Cost - FAA
 Operating Cost - ORI

Year	U.S. Airlines				U.S. Airlines				U.S. Airlines			
	Acquisition Cost	Total Operating Cost	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Revenues	Total Outlay	Ann.	Cum.
1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1969	17.8	17.8	2.	2.	0.	0.	19.8	19.8	-19.8	-19.8	0.	0.
1970	76.7	95.5	0.	0.	0.	0.	76.7	96.5	-76.7	-96.5	0.	0.
1971	237.8	334.3	0.	0.	0.	0.	237.8	334.3	-237.8	-334.3	0.	0.
1972	329.4	1163.3	193.3	193.3	1022.7	1357.0	380.6	380.6	-642.1	-976.4	0.	0.
1973	1384.6	2549.4	715.3	908.5	2099.8	3456.9	1257.5	1636.1	-842.3	-1818.7	0.	0.
1974	2186.6	4734.3	1536.9	2445.4	3722.9	7179.8	2537.9	4176.0	-1165.0	-3003.7	0.	0.
1975	2260.9	6935.3	2447.6	4893.1	4768.6	11888.3	3899.1	8074.1	-810.5	-3814.2	0.	0.
1976	2525.2	9323.5	3321.9	3321.9	5650.1	17539.4	5020.4	13094.6	-629.7	-4443.9	0.	0.
1977	2284.3	11607.8	4335.6	12550.6	6610.9	24158.4	6320.0	19414.6	-299.9	-4743.7	0.	0.
1978	2081.0	13688.3	5C74.3	17624.9	7155.3	31313.7	7389.2	26803.8	233.9	-4509.9	0.	0.
1979	1177.1	14365.9	5460.7	23045.6	6637.6	37951.5	7943.7	34747.6	1306.0	-3203.3	0.	0.
1980	492.8	15359.7	5830.0	28975.6	6382.8	44334.2	8571.3	43318.9	2188.6	-1015.3	0.	0.
1981	492.8	15851.5	6426.0	35401.6	6918.6	51263.0	9362.4	52681.3	2443.6	1428.3	0.	0.
1982	492.8	16344.3	6459.2	41870.4	6962.0	58215.1	9425.2	62106.6	2463.2	3891.5	0.	0.
1983	492.8	16371.1	6469.2	43340.1	6962.0	65177.1	9425.2	71531.8	2463.2	6354.7	0.	0.
1984	492.8	17320.3	6469.2	54809.3	6962.0	72139.2	9425.2	80957.0	2463.2	8817.9	0.	0.
1985	462.8	17822.6	6467.2	61276.6	6962.0	79101.2	9425.2	903H2.2	2463.2	11281.0	0.	0.
1986	492.8	18315.4	6469.2	67747.5	6962.0	86363.2	9425.2	99807.5	2463.2	13744.2	0.	0.
1987	484.9	18807.3	6317.5	74067.3	6884.4	92867.7	9185.6	108993.0	2381.1	16125.4	0.	0.
1988	457.2	19253.5	5891.6	79958.9	6350.6	99218.5	9567.1	117560.2	2216.3	18341.7	0.	0.
1989	405.9	19665.4	5157.1	82126.1	5973.0	104791.5	7544.1	129104.2	1971.0	20312.7	0.	0.
1990	330.8	19996.3	4284.1	82410.2	4615.0	10946.5	4264.0	131368.2	1649.0	21961.7	0.	0.
1991	252.1	20243.4	3333.5	92743.7	3585.6	112932.1	4928.1	136296.3	1342.5	23304.2	0.	0.
1992	173.1	20421.5	2133.7	94877.4	2306.8	115298.9	3105.2	139401.5	798.4	24102.6	0.	0.
1993	94.4	20515.9	1394.9	95272.3	1483.3	116788.2	2036.0	141437.5	546.7	24649.3	0.	0.
1994	31.3	20547.2	1308.5	97280.3	1039.6	117823.0	1481.5	142919.0	441.7	25091.0	0.	0.

c. Production and Development Cost - PRC
Operating Cost - ORI

U.S. Interest in SST Program		Net Cash Flows		U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Cum.		U.S. Airlines Ann.		
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	
-63.5	-63.5	1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-221.3	-284.8	1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-394.2	-589.0	1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-265.1	-854.0	1968	0.0	0.0	22.9	25.9	0.0	0.0	25.9	25.9	0.0	0.0	0.0	0.0	-25.9	-25.9
-466.6	-1320.6	1969	103.0	129.5	0.0	0.0	103.0	129.5	129.5	129.5	0.0	0.0	0.0	0.0	-103.6	-103.6
-634.5	-1955.1	1970	30.0	129.5	0.0	0.0	30.0	129.5	129.5	129.5	0.0	0.0	0.0	0.0	-330.9	-330.9
-626.2	-2581.3	1971	330.9	461.4	0.0	0.0	330.9	461.4	461.4	461.4	0.0	0.0	0.0	0.0	-992.4	-992.4
-372.3	-2953.6	1972	1179.8	1640.2	193.3	193.3	1179.8	1640.2	1640.2	1640.2	1833.4	1833.4	1833.4	1833.4	-1445.8	-1445.8
22.4	-2931.2	1973	1988.0	3628.2	715.3	908.5	1988.0	3628.2	3628.2	3628.2	2703.3	4536.7	1257.5	1257.5	-2146.8	-2146.8
801.6	-2129.5	1974	3147.8	6776.0	1536.9	2445.4	3147.8	6776.0	6776.0	6776.0	4694.7	9221.4	2537.9	2537.9	-1797.5	-1797.5
1379.9	-740.7	1975	3247.3	10023.3	2447.6	4833.1	1338.7	10023.3	10023.3	10023.3	5675.5	14916.9	3898.1	3898.1	-1640.2	-1640.2
1748.7	999.0	1976	3338.7	13362.6	3321.9	8215.7	3338.7	13362.6	13362.6	13362.6	6660.6	21577.6	5020.4	13074.6	-1293.1	-1293.1
2980.8	3079.8	1977	3277.6	16540.2	4335.6	12550.6	3277.6	16540.2	16540.2	16540.2	7613.2	29140.5	6320.0	19414.6	-666.5	-666.5
2563.9	5643.7	1978	2981.4	19521.6	5074.3	17624.3	2981.4	19521.6	19521.6	19521.6	8055.7	37246.5	7389.2	26803.8	818.2	818.2
2585.8	8229.5	1979	1664.9	21286.5	5460.7	23085.6	1664.9	21286.5	21286.5	21286.5	7125.6	44372.0	7943.7	34747.6	2019.2	2019.2
2521.0	10750.5	1980	662.2	21943.6	5890.0	28979.6	662.2	21943.6	21943.6	21943.6	6552.2	50924.2	8571.3	43318.9	2274.2	2274.2
2776.6	13527.1	1981	662.2	22610.8	6426.0	35401.0	662.2	22610.8	22610.8	22610.8	58012.4	58012.4	9362.4	52681.3	2274.2	2274.2
2796.1	16323.2	1982	662.2	23273.0	6467.0	41870.0	2796.1	16323.2	16323.2	16323.2	6467.0	41870.0	7131.4	65143.8	2293.8	2293.8
2796.1	19119.4	1983	662.2	23935.1	6469.2	48340.1	2796.1	19119.4	19119.4	19119.4	7131.4	72275.2	9425.2	71531.8	2293.8	2293.8
2796.1	21915.5	1984	662.2	24537.3	5469.2	54899.3	2796.1	21915.5	21915.5	21915.5	7131.4	79406.6	9425.2	80957.0	2293.8	2293.8
2796.1	24711.6	1985	662.2	25257.5	6469.2	61218.6	2796.1	24711.6	24711.6	24711.6	7131.4	96538.0	9425.2	90382.2	2293.8	2293.8
2796.1	27507.8	1986	662.2	25921.6	6469.2	67747.3	2796.1	27507.8	27507.8	27507.8	7131.4	93659.4	9425.2	99807.5	2293.8	2293.8
2708.4	30216.2	1987	651.8	26573.5	6313.5	74067.3	2708.4	30216.2	30216.2	30216.2	6971.4	100640.3	9185.6	108933.0	2214.2	2214.2
2527.6	32743.8	1988	617.9	27191.4	5891.6	79958.9	2527.6	32743.8	32743.8	32743.8	6509.5	107120.3	8567.1	117560.2	2057.6	2057.6
2247.2	34991.0	1989	547.1	27739.5	5167.1	85126.1	2247.2	34991.0	34991.0	34991.0	5714.3	11284.6	7544.1	125104.2	1829.8	1829.8
77.8	36868.8	1990	446.8	28185.3	4284.1	89410.2	77.8	36868.8	36868.8	36868.8	4731.0	117595.2	6264.0	131368.2	1533.0	1533.0
1.2	38387.1	1991	341.0	28526.4	3333.5	92743.7	1.2	38387.1	38387.1	38387.1	3674.5	121270.1	4928.1	136296.3	1253.6	1253.6
920.7	39307.7	1992	235.0	28761.3	2133.7	94877.4	920.7	39307.7	39307.7	39307.7	2368.6	123638.7	3105.2	139401.5	736.6	736.6
615.7	39923.5	1993	129.1	28890.5	1394.9	96212.3	615.7	39923.5	39923.5	39923.5	2036.0	141437.5	511.9	141437.5	511.9	511.9
468.7	40392.2	1994	43.7	28934.2	1008.5	97240.3	468.7	40392.2	40392.2	40392.2	1481.5	142519.0	142519.0	142519.0	429.2	429.2

U.S. Interest in SST Program		Net Cash Flows		U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Cum.		U.S. Airlines Ann.		
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	
-63.5	-63.5	1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-221.3	-284.8	1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-394.2	-589.0	1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-265.1	-854.0	1968	0.0	0.0	22.9	25.9	0.0	0.0	25.9	25.9	0.0	0.0	0.0	0.0	-25.9	-25.9
-466.6	-1320.6	1969	103.0	129.5	0.0	0.0	103.0	129.5	129.5	129.5	0.0	0.0	0.0	0.0	-103.6	-103.6
-634.5	-1955.1	1970	30.0	129.5	0.0	0.0	30.0	129.5	129.5	129.5	0.0	0.0	0.0	0.0	-330.9	-330.9
-626.2	-2581.3	1971	330.9	461.4	0.0	0.0	330.9	461.4	461.4	461.4	0.0	0.0	0.0	0.0	-992.4	-992.4
-372.3	-2953.6	1972	1179.8	1640.2	193.3	193.3	1179.8	1640.2	1640.2	1640.2	1833.4	1833.4	1833.4	1833.4	-1445.8	-1445.8
22.4	-2931.2	1973	1988.0	3628.2	715.3	908.5	1988.0	3628.2	3628.2	3628.2	2703.3	4536.7	1257.5	1257.5	-2146.8	-2146.8
801.6	-2129.5	1974	3147.8	6776.0	1536.9	2445.4	3147.8	6776.0	6776.0	6776.0	4694.7	9221.4	2537.9	2537.9	-2146.8	-2146.8
1379.9	-740.7	1975	3247.3	10023.3	2447.6	4833.1	1338.7	10023.3	10023.3	10023.3	5675.5	14916.9	3898.1	3898.1	-1797.5	-1797.5
1748.7	999.0	1976	3338.7	13362.6	3321.9	8215.7	3338.7	13362.6	13362.6	13362.6	6660.6	21577.6	5020.4	13074.6	-1640.2	-1640.2
2980.8	3079.8	1977	3277.6	16540.2	4335.6	12550.6	3277.6	16540.2	16540.2	16540.2	7613.2	29140.5	6320.0	19414.6	-1293.1	-1293.1
2563.9	5643.7	1978	2981.4	19521.6	5074.3	17624.3	2981.4	19521.6	19521.6	19521.6	8055.7	37246.5	7389.2	26803.8	-666.5	-666.5
2585.8	8229.5	1979	1664.9	21286.5	5460.7	23085.6	1664.9	21286.5	21286.5	21286.5	7125.6	44372.0	7943.7	34747.6	818.2	818.2
2521.0	10750.5	1980	662.2	21943.6	5890.0	28979.6	662.2	21943.6	21943.6	21943.6	6552.2	50924.2	8571.3	43318.9	2019.2	2019.2
2776.6	13527.1	1981	662.2	22610.8	6426.0	35401.0	662.2	22610.8	22610.8	22610.8	580					

U.S. Airlines		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	25.9	25.9	0.	0.	-25.9	-25.9
0.	0.	103.6	129.5	0.	0.	-103.6	-129.5
0.	0.	330.9	460.4	0.	0.	-330.9	-460.4
193.3	193.3	1373.1	1833.4	387.6	380.6	-992.4	-1452.8
712.3	908.3	2703.3	4536.7	1257.5	1638.1	-1445.8	-2898.6
1536.9	2445.4	4654.7	9221.4	2537.9	4176.0	-2146.8	-5045.3
2447.6	4533.1	5675.5	14916.7	3893.1	8074.1	-1797.5	-6842.8
3321.9	8215.7	6660.6	21517.6	5020.4	13074.6	-1640.2	-8483.0
4335.6	12550.6	1613.2	29170.5	6320.0	19414.6	-1293.1	-9776.2
5374.3	17624.3	8055.7	37246.5	7389.2	26803.8	-666.5	-1042.6
5460.7	23035.6	7125.6	44372.0	7943.7	34747.6	818.2	-9524.5
5830.0	28975.5	6552.2	50324.2	8571.3	43318.9	2019.2	-7605.3
6426.0	35401.0	7085.2	58012.4	9362.4	52681.3	2274.2	-5331.0
6469.2	41870.7	7131.4	65143.8	9425.2	62106.6	2293.8	-3037.2
6469.2	48340.1	7131.4	72275.2	9425.2	71531.8	2293.8	-743.4
5469.2	54879.3	7131.4	79406.6	9425.2	80957.0	2293.8	1550.4
6459.2	61278.6	7131.4	86538.0	9425.2	90382.2	2293.8	3844.2
6459.2	67747.4	7131.4	93659.4	9425.2	99807.5	2293.8	6133.0
6319.5	74057.3	6971.4	100646.3	9185.6	10893.0	2214.2	8352.2
5891.6	73958.7	6509.5	107120.3	8567.1	117566.2	2057.6	10403.9
5167.1	85126.1	5714.3	112804.6	7544.1	125104.2	1629.8	12233.6
4284.1	89410.2	4731.0	117595.5	6264.0	131268.2	1533.0	13772.6
3233.5	92743.7	3674.5	121270.1	4928.1	136296.3	1253.6	15026.2
2133.7	94877.4	2368.6	123638.7	3105.2	139401.5	736.6	15762.8
1394.9	96272.3	1524.1	125162.8	2036.0	141437.5	511.9	16274.7
1098.5	97240.9	1052.3	126215.1	1481.5	142519.0	429.2	16703.9

U.S. Interest in FST Program		Net Cash Flows	
	Ann.	Cum.	
	-87.0	-87.0	
	-294.4	-382.0	
	-398.8	-780.8	
	-385.9	-1166.7	
	-692.9	-1859.5	
	-937.9	-2797.4	
	-931.3	-3728.7	
	-629.5	-4358.2	
	-204.6	-4562.8	
	714.0	-3848.8	
	1369.9	-2478.9	
	1814.7	-664.3	
	2194.0	1529.7	
	2727.2	4256.9	
	2678.9	6935.8	
	2507.1	9442.9	
	2762.9	12205.7	
	2782.4	14986.1	
	2782.4	17770.6	
	2782.4	20553.0	
	2782.4	23335.4	
	2782.4	26117.8	
	2694.4	28812.2	
	2514.2	31326.4	
	2234.7	33561.1	
	1868.6	35429.7	
	1511.2	36940.9	
	915.8	37856.7	
	513.1	38469.8	
	468.9	38938.8	

Table S1.28. Cash Flows for U.S. Airlines and for "U.S. Interest in SST Program" for Various Sources of Estimates, for Quantity 600 of Boeing
 (Fares of 1.0 Times Current Fares), in Millions of Dollars

a. Production and Development Cost - MFR
 Operating Cost - FAA

Year	U.S. Airlines Acquisition Cost		'U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows	
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
1965	13.2	13.2	0.	0.	13.2	13.2	0.	0.	-13.2	-13.2
1966	46.6	57.8	0.	0.	46.6	59.8	0.	0.	-46.6	-59.8
1967	177.9	237.7	42.7	42.7	220.6	280.3	106.2	106.2	114.4	-174.2
1968	289.0	526.7	167.4	210.0	456.4	736.7	384.2	490.3	-72.2	-246.4
1969	297.8	824.4	319.6	529.7	617.4	1354.1	720.9	1211.2	103.5	-142.9
1970	306.5	1131.0	450.7	980.3	757.2	2111.3	1015.4	2226.6	258.2	115.3
1971	315.3	1446.3	577.5	1557.9	892.8	3004.2	1304.3	3530.9	411.5	526.7
1972	324.1	1770.4	710.6	2268.5	1034.7	4038.8	1607.5	5138.4	572.8	1099.5
1973	332.8	2103.2	839.3	3107.8	1172.1	5211.0	1897.0	7235.4	724.9	1824.4
1974	339.4	2442.6	968.6	4076.4	1308.0	6518.9	2190.2	9225.6	882.2	2706.7
1975	337.2	2777.8	1119.5	5135.9	1456.7	7975.6	2530.9	11756.5	1074.2	3780.8
1976	312.2	3092.3	1261.9	6457.7	1574.4	9550.0	2847.1	14603.6	1272.7	5053.6
1977	190.0	3282.3	1364.0	7821.7	1553.9	11104.0	3073.7	17677.3	1519.7	6573.3
1978	87.6	3367.9	1395.1	9216.8	1482.7	12586.7	3144.4	20821.6	1661.6	8234.9
1979	87.6	3457.6	1395.1	10611.9	1482.7	14369.5	3144.4	23966.0	1661.6	9896.5
1980	87.6	3545.2	1395.1	12007.0	1482.7	15552.2	3144.4	27110.3	1661.6	11558.1
1981	87.6	3632.9	1395.1	13402.1	1482.7	17035.0	3144.4	30254.7	1661.6	13219.7
1982	82.5	3718.3	1352.4	14754.5	1437.9	18472.9	3038.2	33292.9	1600.3	14820.0
1983	78.9	3797.2	1227.7	15982.3	1306.6	19779.5	2760.2	36053.1	1453.6	16273.6
1984	70.1	3867.3	1075.5	17057.8	1145.6	20925.1	2423.5	38476.6	1277.9	1751.5
1985	61.4	3928.7	944.4	18002.2	1005.8	21930.8	2129.0	40605.6	1123.2	18674.7
1986	52.6	3981.3	817.6	18819.7	870.1	22801.0	1840.0	42445.6	969.9	19644.6
1987	43.8	4025.1	684.5	19504.2	728.3	23529.3	1536.9	43982.5	808.6	20453.2
1988	35.1	4067.1	555.8	20060.1	590.9	24120.2	1247.~	45229.8	656.5	21109.6
1989	26.3	4086.4	426.5	20486.2	452.8	24573.0	954.2	46184.0	501.4	21611.0
1990	17.5	4104.0	275.6	20762.2	293.1	24866.1	613.5	46797.5	320.4	21931.4
1991	8.8	4112.7	133.2	20895.4	142.0	25008.1	297.2	47094.7	155.2	22086.6
1992	2.2	4114.9	31.1	20926.5	33.3	25041.4	70.7	47165.4	37.4	22123.9
1993	0.0	4114.9	0.	20926.5	0.	25041.4	c.	47165.4	0.	22123.9
1994	0.0	4114.9	0.	20926.5	0.	25041.4	c.	47165.4	0.	22123.9

b. Production and Development Cost - MFR
Operating Cost - ORI

U.S. Interest in SST Program	Net Cash Flows	Ann.	Cum.
9.0	9.0		
31.8	40.8		
185.1	225.9		
414.3	640.1		
604.7	1244.9		
774.1	2019.0		
942.2	2961.2		
1118.3	4079.5		
1285.1	5364.6		
1453.5	6818.1		
1641.7	8459.9		
1798.8	10258.7		
1839.5	12098.2		
1809.1	13907.3		
1809.1	15716.5		
1809.1	17525.6		
1809.1	19334.8		
1744.1	21078.9		
1586.4	22665.3		
1395.9	24061.2		
1226.5	25287.6		
1058.4	26346.1		
882.3	27228.4		
715.5	27943.9		
545.6	28489.5		
349.9	28839.4		
170.0	29009.3		
41.0	29050.4		
-0.	29050.4		
-0.	29050.4		

		U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines	
		Acquisition Cost		Total Operating Cost		Total Outlay		Revenues	
Year		Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
1965		13.2	13.2	0.	0.	13.2	13.2	0.	0.
1966		46.6	59.8	0.	0.	46.6	59.8	0.	0.
1967		177.9	237.7	56.7	294.3	234.6	106.2	106.2	-128.4
1968		289.0	526.7	226.1	282.8	515.2	899.5	384.2	-131.4
1969		297.8	824.4	433.1	715.9	730.9	1540.4	720.9	-10.2
1970		306.5	1131.0	611.9	1327.9	918.5	2458.8	1015.4	96.4
1971		315.3	1446.3	785.9	2113.8	1101.2	3560.1	1304.3	203.4
1972		324.1	1770.4	968.2	3082.0	1292.4	4852.3	1607.5	315.4
1973		332.8	2103.2	1143.3	4225.2	1476.1	6328.4	1897.0	420.4
1974		339.4	2442.6	1318.9	5544.1	1658.2	7986.6	2190.2	532.4
1975		337.2	2779.8	1525.3	7069.4	1862.5	9849.1	2530.9	668.4
1976		312.5	3092.3	1719.4	8788.8	2032.0	11881.1	2847.1	815.4
1977		190.0	3282.3	1859.7	10648.5	2049.7	13930.8	3073.7	1024.4
1978		87.6	3369.9	1902.5	12551.0	1990.1	15920.9	3144.4	1154.4
1979		87.6	3457.6	1902.5	14453.5	1990.1	17911.1	3144.4	2396.4
1980		87.6	3545.2	1902.5	16356.0	1990.1	19901.2	3144.4	27110.3
1981		87.6	3632.9	1902.5	18258.5	1990.1	21891.3	3144.4	30254.7
1982		85.5	3718.3	1845.8	20104.3	1931.3	23822.6	3038.2	33292.9
1983		78.9	3797.2	1676.3	21780.6	1755.2	25577.8	2760.2	36053.1
1984		70.1	3867.3	1469.4	23250.0	1539.5	27117.3	2423.5	38476.6
1985		61.4	3929.7	1290.5	24540.5	1351.9	28469.2	2129.0	40605.6
1986		52.6	3981.3	1116.6	25657.1	1169.2	29638.4	1840.0	42445.6
1987		43.8	4025.1	934.3	26591.4	978.1	30616.5	1536.9	558.4
1988		35.1	4060.1	759.2	27350.6	794.3	31410.8	1247.3	453.4
1989		26.3	4086.4	593.6	27934.3	609.9	32020.7	954.2	344.4
1990		17.5	4104.0	377.2	29311.2	394.7	32415.4	613.5	218.4
1991		8.8	4112.7	153.1	29494.5	191.8	32657.3	297.2	105.4
1992		2.2	4114.9	42.7	29537.3	44.9	32652.2	70.7	25.4
1993		0.	4114.9	0.	28537.3	0.	32652.2	0.	0.
1994		0.	29050.4	0.	28537.3	0.	32652.2	0.	0.

U.S. Interest in SST Program			
		Net Cash Flows	
	Ann.	Cum.	Ann.
C.	0.	-13.2	9.0
0.	0.	-46.6	31.8
106.2	106.2	-128.4	40.8
384.2	490.3	-131.0	171.1
720.9	1211.2	-16.0	211.9
1015.4	2226.6	-96.9	355.5
1304.3	3530.9	203.1	567.4
1607.5	5138.4	315.2	491.2
1897.0	7C35.4	420.9	1058.6
2190.2	9225.6	532.0	
2530.9	11756.5	668.4	
2847.1	14633.6	815.2	
3073.7	17677.3	1024.0	
3144.4	20821.6	1154.2	
3144.4	23966.0	1154.2	
3144.4	27110.3	1154.2	
3144.4	30254.7	1154.2	
3038.2	33292.9	1106.9	
2760.2	36053.1	1005.0	
2423.5	38476.6	884.0	
2129.0	40605.6	777.1	
1840.0	42445.6	670.9	
1536.9	43982.5	558.8	
1247.3	45226.8	453.1	
954.2	46194.0	344.2	
613.5	46797.5	218.8	
297.2	47094.7	155.4	
70.7	47165.4	25.7	
0.	47165.4	C.	
0.	47165.4	C.	

U.S. Airlines Revenues				U.S. Airlines Net Cash Flows			
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.
C.	0.	-13.2	-13.2	9.0	9.0	9.0	9.0
0.	0.	-46.6	-59.8	31.8	40.8	40.8	40.8
106.2	106.2	-128.4	-188.2	171.1	211.9	211.9	211.9
384.2	490.3	-131.0	-319.1	355.5	567.4	567.4	567.4
720.9	1211.2	-16.0	-329.2	491.2	1058.6	1058.6	1058.6
1015.4	2226.6	-96.9	-232.3	612.9	1671.5	1671.5	1671.5
1304.3	3530.9	203.1	-29.1	733.8	2405.3	2405.3	2405.3
1607.5	5138.4	315.2	286.1	860.7	3266.0	3266.0	3266.0
1897.0	7C35.4	420.9	707.0	981.2	4247.2	4247.2	4247.2
2190.2	9225.6	532.0	1239.0	1103.2	5350.4	5350.4	5350.4
2530.9	11756.5	668.4	1907.3	1235.9	6586.4	6586.4	6586.4
2847.1	14633.6	815.2	2722.5	1341.3	7927.6	7927.6	7927.6
3073.7	17677.3	1024.0	3746.5	1343.7	9271.4	9271.4	9271.4
3144.4	20821.6	1154.2	4900.7	1301.8	10573.1	10573.1	10573.1
3144.4	23966.0	1154.2	6054.9	1301.8	11874.9	11874.9	11874.9
3144.4	27110.3	1154.2	7209.2	1301.8	13176.6	13176.6	13176.6
3144.4	30254.7	1154.2	8363.4	1301.8	14478.4	14478.4	14478.4
3038.2	33292.9	1106.9	9470.3	1250.8	15729.2	15729.2	15729.2
2760.2	36053.1	1005.0	10475.3	1137.7	16866.9	16866.9	16866.9
2423.5	38476.6	884.0	11359.3	1002.0	17868.9	17868.9	17868.9
2129.0	40605.6	777.1	12136.3	880.4	18749.3	18749.3	18749.3
1840.0	42445.6	670.9	12807.2	759.4	19508.7	19508.7	19508.7
1536.9	43982.5	558.8	13366.0	632.5	20141.2	20141.2	20141.2
1247.3	45226.8	453.1	13819.0	512.1	20653.3	20653.3	20653.3
954.2	46194.0	344.2	14163.3	388.5	21041.7	21041.7	21041.7
613.5	46797.5	218.8	14382.1	248.3	21290.1	21290.1	21290.1
297.2	47094.7	155.4	14487.5	120.1	21410.2	21410.2	21410.2
70.7	47165.4	25.7	14513.2	29.4	21439.6	21439.6	21439.6
0.	47165.4	C.	14513.2	-0.	21439.6	21439.6	21439.6
0.	47165.4	C.	14513.2	-0.	21439.6	21439.6	21439.6

Table S1-29. Cash Flows for U.S. Airlines and for "U.S. Interest in SST Program" for Various Sources of Estimates, for Quantity 600 of Boeing
 Propulsion and Development Cost - MFR
 Operating Cost - F.A.A

Year		U.S. Airlines						U.S. Airlines						U.S. Airlines					
		U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows		U.S. Airlines Net Cash Flows		U.S. Airlines Net Cash Flows		U.S. Airlines Net Cash Flows			
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.		
1965	120.2	120.2	0.	42.7	42.7	0.	13.2	0.	0.	-13.2	-13.2	0.	0.	-46.6	-59.8	13.2	13.2		
1966	46.5	166.7	51.3	42.7	89.0	51.3	46.6	59.8	0.	0.	0.	0.	0.	-124.0	-183.8	51.3	51.3		
1967	171.1	337.1	237.1	42.7	210.8	237.1	220.6	280.3	96.6	96.6	446.4	446.4	446.4	-106.6	-290.3	237.1	237.1		
1968	46.5	383.6	526.7	107.4	313.6	526.7	456.4	736.7	349.8	349.8	1103.0	1103.0	1103.0	39.2	-251.1	526.7	526.7		
1969	207.8	591.4	324.4	42.7	229.7	591.4	617.4	1354.1	656.6	656.6	39.2	39.2	39.2	167.6	-83.5	656.6	656.6		
1970	206.5	898.5	1131.0	42.7	180.3	898.5	757.2	2111.3	924.8	924.8	2027.8	2027.8	2027.8	167.6	-83.5	924.8	924.8		
1971	312.3	1445.3	1445.3	217.5	1527.2	1445.3	892.8	3004.2	1188.0	1188.0	3215.8	3215.8	3215.8	295.1	211.6	892.8	892.8		
1972	324.1	177.4	717.5	2258.2	1034.7	717.5	4038.5	1464.1	4679.9	4679.9	429.4	429.4	429.4	641.0	97.0	429.4	429.4		
1973	332.0	2104.2	839.3	3137.2	839.3	1172.1	5211.0	1727.8	1727.8	5407.7	5407.7	5407.7	555.7	1196.7	555.7	555.7	1196.7		
1974	339.4	2442.6	963.6	4076.4	1368.9	1368.9	6218.9	1994.8	1994.8	8402.5	8402.5	8402.5	636.8	1883.6	636.8	636.8	1883.6		
1975	337.2	2772.4	1113.5	5132.9	1456.7	1456.7	7775.6	2305.1	2305.1	10707.6	10707.6	10707.6	848.4	2732.0	848.4	848.4	2732.0		
1976	312.5	3092.3	1251.9	8457.7	1574.4	8457.7	9550.0	2593.2	2593.2	13300.9	13300.9	13300.9	1018.8	3750.9	1018.8	1018.8	3750.9		
1977	190.6	3282.3	1364.2	7621.7	1553.9	7621.7	1104.9	2799.6	2799.6	16100.5	16100.5	16100.5	1245.7	4996.6	1245.7	1245.7	4996.6		
1978	87.6	3363.3	1395.1	9216.3	1482.7	9216.3	12586.7	2864.0	2864.0	18964.5	18964.5	18964.5	1381.3	6377.8	1381.3	1381.3	6377.8		
1979	87.6	3457.6	1395.1	10611.0	1482.7	10611.0	14539.2	2864.0	2864.0	21828.6	21828.6	21828.6	1381.3	7759.1	1381.3	1381.3	7759.1		
1980	97.6	3545.2	1395.1	12077.2	1482.7	12077.2	15522.2	2864.0	2864.0	24692.6	24692.6	24692.6	1381.3	9140.4	1381.3	1381.3	9140.4		
1981	87.6	3632.9	1395.1	13402.1	1482.7	13402.1	17035.0	2864.0	2864.0	27556.6	27556.6	27556.6	1381.3	10521.6	1381.3	1381.3	10521.6		
1982	85.5	3718.3	1352.4	14754.2	1437.9	14754.2	18472.9	2767.4	2767.4	3034.0	3034.0	3034.0	1329.5	14054.0	1329.5	1329.5	14054.0		
1983	76.9	3797.2	1227.7	1227.7	12932.3	12932.3	13036.6	19779.2	19779.2	2514.2	32838.2	32838.2	1207.6	13058.8	1207.6	1207.6	13058.8		
1984	70.1	3867.3	1075.5	17057.5	1145.6	17057.5	2025.1	2207.5	2207.5	35045.7	35045.7	35045.7	1061.8	14120.6	1061.8	1061.8	14120.6		
1985	61.4	3922.7	944.4	1802.2	1005.8	1802.2	1005.8	21930.8	1939.2	36984.9	36984.9	36984.9	933.4	15054.0	933.4	933.4	15054.0		
1986	52.6	3981.3	817.6	18819.7	870.1	18819.7	870.1	22801.0	1676.0	38660.9	1676.0	38660.9	805.9	11851.2	11851.2	11851.2	11851.2		
1987	43.6	4025.1	684.5	1924.2	728.3	1924.2	728.3	23529.3	1399.9	40060.8	1399.9	40060.8	671.6	16531.5	671.6	671.6	16531.5		
1988	35.1	4060.1	555.8	20050.1	590.9	20050.1	590.9	24120.2	1136.2	41197.0	1136.2	41197.0	545.3	17076.8	545.3	545.3	17076.8		
1989	26.3	4086.4	426.5	20436.5	452.8	20436.5	452.8	24573.0	869.2	42066.2	869.2	42066.2	416.4	17493.2	416.4	416.4	17493.2		
1990	17.5	4104.0	275.6	20762.2	293.1	20762.2	293.1	24666.1	558.9	42625.1	558.9	42625.1	265.8	17759.0	265.8	265.8	17759.0		
1991	6.8	4112.7	133.2	20895.4	142.0	20895.4	142.0	25008.1	270.8	42895.8	270.8	42895.8	128.8	17887.7	128.8	128.8	17887.7		
1992	2.2	4114.9	31.1	20926.5	33.3	20926.5	33.3	25041.4	64.4	42960.2	64.4	42960.2	31.1	17918.8	31.1	31.1	17918.8		
1993	0.	4114.9	0.	20926.5	0.	20926.5	0.	25041.4	0.	42960.2	0.	42960.2	0.	17918.8	0.	0.	17918.8		
1994	0.	4114.9	0.	20926.5	0.	20926.5	0.	25041.4	0.	42960.2	0.	42960.2	0.	17918.8	0.	0.	17918.8		

b. Production and Development Cost - MFR
Operating Cost - ORII

U.S. Interest in SST Program		Net Cash Flows		U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Cash	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
9.0	9.0	1965	13.2	13.2	0.	0.	13.2	13.2	0.	0.	-13.2	0.	
31.8	40.8	1966	46.6	57.8	0.	0.	46.6	57.8	0.	0.	-46.6	0.	
175.5	216.3	1967	177.9	237.7	56.7	56.7	234.6	294.3	96.6	96.6	-138.0	0.	
379.9	596.2	1968	289.0	526.7	226.1	292.6	515.2	809.5	349.2	446.4	-165.3	0.	
540.4	1136.6	1969	247.8	924.4	433.1	715.9	730.9	1542.4	655.6	1103.0	-74.3	0.	
683.6	1820.2	1970	356.5	1131.5	611.9	1327.7	918.5	2458.8	924.8	2C27.8	6.3	0.	
825.9	2646.1	1971	315.3	1446.3	785.9	2113.6	1101.2	3560.1	1188.0	3215.8	86.8	0.	
974.9	3621.0	1972	324.1	1770.4	968.2	3982.1	1292.2	4852.3	1464.1	4679.9	171.9	0.	
1116.0	4736.9	1973	332.8	2103.2	1143.3	4225.2	1476.1	6323.4	1727.8	6407.7	251.7	0.	
1258.1	5995.0	1974	339.4	2442.6	1313.9	5544.1	1658.2	7936.6	1994.8	8402.5	336.6	0.	
1416.0	7411.1	1975	337.2	2773.8	1525.3	7069.4	1862.5	9849.1	2305.1	10707.6	442.6	0.	
1544.9	8956.0	1976	312.5	3092.3	1719.4	9788.8	2032.0	11881.1	2593.2	13300.9	561.3	0.	
1565.5	10521.5	1977	190.0	3282.3	1859.7	10648.5	2049.7	13339.8	2799.6	16100.5	749.9	0.	
1528.8	12050.3	1978	87.6	3367.9	1902.5	12551.5	1990.1	15920.9	2864.0	18964.5	873.9	0.	
1528.8	13579.1	1979	87.6	3457.6	1902.5	14453.5	1990.1	17911.1	2864.0	21828.6	873.9	0.	
1528.8	15107.8	1980	87.6	3545.2	1902.5	16356.5	1990.1	19901.2	2864.0	24692.6	873.9	0.	
1528.8	16636.6	1981	87.6	3632.9	1902.5	19258.5	1990.1	21991.3	2864.0	27556.6	873.9	0.	
1473.4	18110.0	1982	85.5	3713.3	1845.8	20104.3	1931.3	23922.6	2767.4	30324.0	836.2	0.	
1340.4	19450.4	1983	78.9	3797.2	1676.3	21730.4	1755.2	25577.8	2514.2	32838.2	759.0	0.	
1179.9	20630.3	1984	70.1	3867.3	1469.4	23220.4	1539.5	27117.3	2207.5	35045.7	668.0	0.	
1036.7	21667.0	1985	61.4	3923.7	1297.5	24540.5	1351.9	28469.2	1939.2	36984.9	873.9	0.	
894.4	22561.4	1986	52.6	3931.3	1116.6	25657.1	1169.2	29638.4	1676.0	38660.9	587.3	0.	
745.4	23306.7	1987	43.8	4025.1	934.3	26591.4	978.1	30616.5	1399.9	40060.8	506.9	0.	
604.3	23911.0	1988	35.1	4067.1	759.2	27350.6	794.3	31410.8	1136.2	41197.0	421.8	0.	
460.6	24371.7	1989	26.3	4086.4	583.6	27934.3	609.9	32020.7	869.2	42066.2	341.9	0.	
295.3	24666.9	1990	17.5	4104.0	377.2	28311.5	394.7	32415.4	559.9	42625.1	259.2	0.	
143.5	24810.5	1991	8.8	4112.7	183.1	28494.5	191.8	32607.3	270.8	42895.8	164.2	0.	
34.7	24845.2	1992	2.2	4114.9	42.7	28537.3	44.9	32652.2	64.4	42960.2	78.9	0.	
-0.	24845.2	1993	0.	4114.9	0.	28537.3	0.	32652.2	0.	42960.2	19.4	0.	
-0.	24845.2	1994	0.	4114.9	0.	28537.3	0.	32652.2	0.	42960.2	0.	0.	

U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines	
Year	Ann.	U.S. Airlines Acquisition Cost	U.S. Airlines Total Operating Cost	U.S. Airlines Total Outlay	Ann.	U.S. Airlines Revenues	Ann.	U.S. Airlines Revenues	Ann.	U.S. Airlines Revenues	Ann.	U.S. Airlines Cash	
	Ann.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
1965	13.2	13.2	0.	0.	0.	13.2	13.2	0.	0.	0.	0.	-13.2	0.
1966	46.6	57.8	0.	0.	0.	46.6	57.8	0.	0.	0.	0.	-46.6	0.
1967	177.9	237.7	56.7	226.1	292.6	515.2	809.5	349.2	349.2	446.4	446.4	-165.3	0.
1968	289.0	526.7	56.7	226.1	292.6	515.2	730.9	1542.4	655.6	1103.0	1103.0	-74.3	0.
1969	247.8	924.4	433.1	715.9	1327.7	918.5	2458.8	924.8	924.8	2C27.8	2C27.8	6.3	0.
1970	356.5	1131.5	611.9	1327.7	2103.2	1143.3	4225.2	1476.1	1727.8	6323.4	6323.4	251.7	0.
1971	315.3	1446.3	785.9	2113.6	2113.6	785.9	1101.2	3560.1	1188.0	3215.8	3215.8	86.8	0.
1972	324.1	1770.4	968.2	3082.1	3082.1	968.2	1292.2	4852.3	1464.1	4679.9	4679.9	171.9	0.
1973	332.8	2103.2	1143.3	2103.2	2103.2	1143.3	1476.1	6323.4	1727.8	6407.7	6407.7	251.7	0.
1974	339.4	2442.6	1313.9	2442.6	2442.6	1313.9	1658.2	7936.6	1994.8	8402.5	8402.5	336.6	0.
1975	337.2	2773.8	1525.3	2773.8	2773.8	1525.3	1862.5	9849.1	2305.1	10707.6	10707.6	442.6	0.
1976	312.5	3092.3	1719.4	3092.3	3092.3	1719.4	9788.8	2032.0	11881.1	2593.2	13300.9	561.3	0.
1977	190.0	3282.3	1859.7	3282.3	3282.3	1859.7	10648.5	2049.7	2049.7	2799.6	16100.5	749.9	0.
1978	87.6	3367.9	1902.5	3367.9	3367.9	1902.5	12551.5	1990.1	1990.1	15920.9	2864.0	873.9	0.
1979	87.6	3457.6	1902.5	3457.6	3457.6	1902.5	14453.5	1990.1	17911.1	2864.0	21828.6	873.9	0.
1980	87.6	3545.2	1902.5	3545.2	3545.2	1902.5	16356.5	1990.1	19901.2	2864.0	24692.6	873.9	0.
1981	87.6	3632.9	1902.5	3632.9	3632.9	1902.5	19258.5	1990.1	21991.3	2864.0	27556.6	873.9	0.
1982	85.5	3713.3	1845.8	3713.3	3713.3	1845.8	20104.3	1931.3	23922.6	2767.4	30324.0	836.2	0.
1983	78.9	3797.2	1676.3	3797.2	3797.2	1676.3	21730.4	1755.2	25577.8	2514.2	32838.2	759.0	0.
1984	70.1	3867.3	1469.4	3867.3	3867.3	1469.4	23220.4	1539.5	27117.3	2207.5	35045.7	668.0	0.
1985	61.4	3923.7	1297.5	3923.7	3923.7	1297.5	24540.5	1351.9	28469.2	1939.2	36984.9	587.3	0.
1986	52.6	3931.3	1116.6	3931.3	3931.3	1116.6	25657.1	1169.2	29638.4	1676.0	38660.9	506.9	0.
1987	43.8	4025.1	934.3	4025.1	4025.1	934.3	26591.4	978.1	30616.5	1399.9	40060.8	421.8	0.
1988	35.1	4067.1	759.2	4067.1	4067.1	759.2	27350.6	794.3	31410.8	1136.2	41197.0	341.9	0.
1989	26.3	4086.4	583.6	4086.4	4086.4	583.6	27934.3	609.9	32020.7	869.2	42066.2	259.2	0.
1990	17.5	4104.0	377.2	4104.0	4104.0	377.2	28311.5	394.7	32415.4	559.9	42625.1	164.2	0.
1991	8.8	4112.7	183.1	4112.7	4112.7	183.1	28494.5	191.8	32607.3	270.8	42895.8	78.9	0.
1992	2.2	4114.9	42.7	4114.9	42.7	4114.9	28537.3	44.9	32652.2	64.4	42960.2	19.4	0.
1993	0.	4114.9	0.	4114.9	0.	4114.9	28537.3	0.	32652.2	0.	42960.2	0.	0.
1994	0.	4114.9	0.	4114.9	0.	4114.9	28537.3	0.	32652.2	0.	42960.2	0.	0.

U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines	
Ann.	Cum.	Total Outlay	Revenues	Ann.	Cum.	Ann.	Cum.
0.	0.	13•2	13•2	0.	0.	-13•2	-13•2
1.	0.	46•6	59•8	0.	0.	31•8	40•8
26•7	56•7	234•6	294•3	96•6	-46•6	-59•8	202•3
226•1	282•0	512•2	809•3	349•2	-138•0	-197•8	523•4
433•1	715•9	730•9	1540•4	656•5	1103•0	-165•3	950•4
611•9	1327•3	914•5	2458•8	924•8	2027•8	-74•3	1472•7
785•9	2113•6	1101•2	3560•1	1186•0	3215•8	6•3	522•3
968•2	3082•1	1292•2	4852•3	1464•1	4679•9	-341•1	2090•2
1143•3	4225•2	1476•1	6323•4	1727•8	6407•7	-344•3	617•5
1213•9	5544•1	1658•2	7936•6	1994•8	8402•5	86•8	717•3
1527•3	7069•4	1862•5	9849•1	2305•1	10707•6	-172•5	2807•5
1713•4	3798•8	2032•0	11881•1	2593•2	13300•9	79•3	812•0
1853•7	10648•5	2049•7	13930•8	2793•6	16105•5	251•7	3619•5
1902•5	12551•5	1990•1	15920•9	2864•0	18964•5	336•6	907•9
1902•5	14453•5	1990•1	17911•1	2864•0	21828•6	415•9	4527•4
1902•5	16356•4	1990•1	19901•2	2864•0	24692•6	442•6	1010•2
1902•5	14258•5	1990•1	21991•3	2864•0	27556•6	858•5	5537•6
1845•8	20104•3	1931•3	23922•6	2767•4	30324•0	561•3	1087•4
1676•3	21780•4	1755•2	25577•8	2514•2	32838•2	1419•8	6624•9
1469•4	23270•4	1539•5	27117•5	2207•5	35045•7	4791•4	10758•9
1297•5	24540•5	1351•9	28469•2	1939•2	36984•9	668•0	1021•4
1116•6	25657•1	1169•2	29638•4	1676•0	38660•9	793•9	11780•3
934•3	26591•4	978•1	30616•5	2514•2	32838•2	4791•4	1021•4
759•2	27350•6	794•3	31410•8	2207•5	35045•7	668•0	14438•0
583•6	27934•3	609•9	32020•7	1136•2	41197•0	7928•4	16620•5
377•2	28311•5	394•7	32415•4	869•2	41197•0	587•3	690•6
183•1	28494•5	191•8	32607•3	270•8	42895•8	78•9	15128•6
42•7	28537•3	44•9	32652•2	64•4	42960•2	19•4	595•4
0.	28537•3	0.	32622•2	0.	42960•2	0.	15724•0
0.	28537•3	0.	32652•2	0.	42960•2	0.	17234•4
0.	28537•3	0.	32652•2	0.	42960•2	0.	-0.
							17234•4

U.S. Interest in SST Program		Net Cash Flows	
Ann.	Cum.	Ann.	Cum.
0.	0.	9•0	9•0
1.	0.	31•8	40•8
26•7	56•7	161•5	202•3
226•1	282•0	96•6	197•8
433•1	715•9	96•6	197•8
611•9	1327•3	446•4	437•4
785•9	2113•6	446•4	437•4
968•2	3082•1	86•8	1472•7
1143•3	4225•2	86•8	1472•7
1213•9	5544•1	86•8	1472•7
1527•3	7069•4	86•8	1472•7
1713•4	3798•8	86•8	1472•7
1853•7	10648•5	86•8	1472•7
1902•5	12551•5	86•8	1472•7
1902•5	14453•5	86•8	1472•7
1902•5	16356•4	86•8	1472•7
1902•5	14258•5	86•8	1472•7
1845•8	20104•3	86•8	1472•7
1676•3	21780•4	86•8	1472•7
1469•4	23270•4	86•8	1472•7
1297•5	24540•5	86•8	1472•7
1116•6	25657•1	86•8	1472•7
934•3	26591•4	86•8	1472•7
759•2	27350•6	86•8	1472•7
583•6	27934•3	86•8	1472•7
377•2	28311•5	86•8	1472•7
183•1	28494•5	86•8	1472•7
42•7	28537•3	86•8	1472•7
0.	28537•3	86•8	1472•7

Table S1.30. Cash Flows for U.S. Airlines and for "U.S. Interest in SST Programs" for Various Sources of Estimates, for Quantity 1152 of Books
 (Fares of 1.0 Times Current Fares), in Millions of Dollars

a. Production and Development Cost - MFR
 Operating Cost - FAA

Year	U.S. Airlines			U.S. Airlines			U.S. Airlines			U.S. Airlines		
	Acquisition Cost	Ann.	Cum.	Total Operating Cost	Ann.	Cum.	Total Outlay	Ann.	Cum.	Revenues	Ann.	Cum.
U.S. Airlines												
1965	57.8	27.8	0.	0.	0.	0.	57.8	0.	0.	-57.8	-57.8	0.
1966	187.4	245.1	0.	0.	199.1	199.1	187.4	245.1	0.	-187.4	-245.1	0.
1967	143.0	994.1	199.1	199.1	199.1	948.1	1133.2	451.1	451.1	-497.0	-742.1	6.
1968	712.1	1766.2	523.4	722.6	1295.5	2498.7	1178.8	1629.9	1629.9	-116.7	-858.8	10.
1969	795.1	2561.3	858.6	1581.2	1653.7	4142.4	1957.6	3587.6	3587.6	303.9	-554.9	15.
1970	815.2	3370.5	1131.7	2712.7	1949.9	6092.3	2559.2	6145.6	6145.6	608.3	53.4	18.
1971	841.2	4220.7	1533.6	4246.4	2374.8	8467.2	3427.3	9573.1	9573.1	1052.5	1105.9	23.
1972	652.7	5072.4	1959.8	6206.2	2812.5	11279.6	4405.2	13978.3	13978.3	1592.7	2698.6	29.
1973	829.6	5903.1	2296.4	8502.6	3126.0	14405.7	5133.7	19112.0	19112.0	2007.7	4706.3	32.
1974	723.1	6626.1	2527.0	11029.6	3250.0	17525.7	5652.7	24764.6	24764.6	2452.6	7109.0	35.
1975	154.5	6817.6	2710.0	13739.6	2894.5	20550.2	6066.6	30831.3	30831.3	3172.1	10281.0	34.
1976	184.5	6995.2	2912.9	16652.5	3097.4	23647.6	6527.2	37358.5	37358.5	3429.8	13710.8	37.
1977	184.5	7179.7	2912.9	19565.4	3097.4	26745.1	6527.2	43845.7	43845.7	3429.8	17140.6	37.
1978	184.5	7364.2	2912.9	22478.3	3097.4	29842.5	6527.2	50412.9	50412.9	3429.8	20570.4	37.
1979	184.5	7548.7	2912.9	25311.2	3097.4	327339.9	6527.2	56940.1	56940.1	3429.8	24000.2	37.
1980	184.5	7733.2	2912.9	28304.1	3097.4	36037.3	6527.2	63467.3	63467.3	3429.8	27430.0	37.
1981	184.5	7917.7	2912.9	31217.0	3097.4	39134.7	6527.2	69934.6	69934.6	3429.8	30859.8	37.
1982	173.0	8090.7	2713.8	33930.8	2886.8	42021.5	6076.1	7676.7	7676.7	3189.3	34349.2	37.
1983	140.9	8240.6	2389.5	36320.3	2539.4	44560.9	5348.4	81419.1	81419.1	2809.0	36859.2	37.
1984	120.3	8367.5	2054.3	38374.6	2181.2	46742.0	4569.6	85988.6	85988.6	2388.4	39246.6	37.
1985	103.8	8471.2	1781.2	40155.5	1885.0	48627.0	3969.0	89957.7	89957.7	2084.1	41330.7	37.
1986	90.7	8552.0	1379.3	41535.1	146.1	50587.1	3092.9	93057.6	93057.6	1639.8	42970.5	22.
1987	57.7	8607.8	953.1	42488.3	1010.8	51097.9	2122.1	95179.6	95179.6	1111.3	44081.7	49.
1988	34.6	8644.2	616.5	43104.6	621.1	51749.0	1393.5	96573.1	96573.1	742.4	44824.1	50.
1989	11.5	8655.8	386.0	43496.7	397.5	52146.5	874.6	97447.7	97447.7	477.1	45301.2	50.
1990	0.	8655.8	202.9	43673.6	202.9	52349.3	460.6	97908.3	97908.3	257.7	45558.9	50.
1991	0.	8655.8	0.	43673.6	0.	52349.3	0.	97908.3	97908.3	0.	45558.9	50.
1992	0.	8655.8	0.	43673.6	0.	52349.3	0.	97908.3	97908.3	0.	45558.9	50.
1993	0.	8655.8	0.	43693.0	0.	52349.3	0.	97908.3	97908.3	0.	45558.9	50.
1994	0.	8655.8	0.	43673.6	0.	52349.3	0.	97908.3	97908.3	0.	45558.9	50.

b. Production and Development Cost - MFR
Operating Cost - ORI

U.S. Interest in SST Program		Net Cash Flows	
Ann.	Cum.		
		30.9	30.9
100.3	131.2	100.3	131.2
652.8	784.0	652.8	784.0
1068.6	1852.6	1068.6	1852.6
1524.6	3377.2	1524.6	3377.2
1864.3	5241.5	1864.3	5241.5
2344.0	7585.5	2344.0	7585.5
2901.7	10487.2	2901.7	10487.2
3281.3	13768.5	3281.3	13768.5
3512.7	17281.2	3512.7	17281.2
3455.3	20736.5	3455.3	20736.5
3713.1	24449.6	3713.1	24449.6
3713.1	28162.6	3713.1	28162.6
3713.1	31875.7	3713.1	31875.7
3713.1	35588.8	3713.1	35588.8
3713.1	39301.8	3713.1	39301.8
3713.1	43014.9	3713.1	43014.9
3454.9	46469.8	3454.9	46469.8
3039.2	49508.~	3039.2	49508.~
2583.2	52092.1	2583.2	52092.1
2243.4	54335.5	2243.4	54335.5
1753.7	56099.2	1753.7	56099.2
1199.6	57299.0	1199.6	57299.0
795.5	58094.5	795.5	58094.5
494.8	58589.3	494.8	58589.3
257.7	58847.0	257.7	58847.0
-0.~	58847.0	-0.~	58847.0
-0.~	58847.0	-0.~	58847.0
-0.~	58847.0	-0.~	58847.0

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		U.S. Airlines				U.S. Airlines				U.S. Airlines			
		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		Net Cash Flows		U.S. Airlines Net Cash Flows		U.S. Interest in SST Program	
Cum.	Ann.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
57.8	0.	0.	57.8	57.8	0.	0.	0.	-57.8	-57.8	30.9	30.9	30.9	30.9
245.1	0.	0.	187.4	245.1	0.	0.	0.	-187.4	-245.1	131.2	131.2	131.2	131.2
994.1	269.3	269.3	1018.3	1263.4	451.1	451.1	451.1	-567.2	-812.3	52.6	52.6	713.8	713.8
766.2	712.5	981.8	1484.5	2748.0	1178.8	1629.9	1629.9	-305.7	-1118.0	879.5	879.5	1593.4	1593.4
561.3	1165.9	2147.7	1961.0	4709.0	1957.6	3587.6	3587.6	-3.4	-1121.4	1217.3	1217.3	2810.6	2810.6
379.5	1535.4	3683.1	2353.6	7062.6	2558.2	6145.8	6145.8	204.6	-916.8	1440.6	1440.6	4271.3	4271.3
220.7	2063.0	5746.1	2904.2	9966.8	3427.3	9573.1	9573.1	523.1	-393.7	1814.6	1814.6	6085.8	6085.8
773.4	2621.4	8367.4	3474.1	13440.9	4405.2	13978.3	13978.3	931.1	537.4	2240.1	2240.1	8326.0	8326.0
903.1	3061.1	11428.6	3890.7	17331.6	5133.7	19112.0	19112.0	1243.0	1780.3	2516.6	2516.6	10842.5	10842.5
626.1	3367.8	14796.3	4090.8	21422.5	5652.7	24764.6	24764.6	1561.8	3342.2	2671.9	2671.9	13514.4	13514.4
810.6	3611.4	18407.8	3795.9	25218.4	6066.6	30831.3	30831.3	2270.7	5612.8	2553.9	2553.9	16068.3	16068.3
995.2	3882.5	22290.3	4067.1	29285.5	6527.2	37358.5	37358.5	2460.2	8073.0	2743.4	2743.4	18811.8	18811.8
179.7	3882.5	26172.9	4067.1	33352.5	6527.2	43885.7	43885.7	2460.2	10533.2	2763.4	2763.4	21555.2	21555.2
364.2	3882.5	30055.4	4067.1	37419.6	6527.2	50412.9	50412.9	2460.2	12993.3	2743.4	2743.4	24298.6	24298.6
449.7	3882.5	33937.9	4067.1	41486.6	6527.2	56940.1	56940.1	2460.2	15453.5	2743.4	2743.4	27042.0	27042.0
333.2	3882.5	37820.5	4067.1	45553.7	6527.2	63467.3	63467.3	2460.2	17913.7	2743.4	2743.4	29785.5	29785.5
117.7	3882.5	41703.0	4067.1	49620.7	6527.2	69994.6	69994.6	2460.2	20373.8	2743.4	2743.4	32528.9	32528.9
990.7	3613.2	45316.3	37886.2	53406.9	6076.1	76070.7	76070.7	2289.9	2263.7	2555.5	2555.5	35084.3	35084.3
240.6	3170.1	48486.3	3320.0	56726.9	5348.4	81419.1	81419.1	2028.4	24692.1	2258.6	2258.6	37342.9	37342.9
67.5	2716.6	51203.0	2843.5	59570.4	4569.6	85988.6	85988.6	1726.1	26418.2	1970.8	1970.8	39263.7	39263.7
71.2	2347.1	53550.1	2450.9	62021.3	3969.0	89957.7	89957.7	1518.1	27936.4	1677.5	1677.5	40941.2	40941.2
52.0	1819.6	55369.7	1900.3	63921.6	3099.9	93057.6	93057.6	1199.6	29135.9	133.5	133.5	42264.7	42264.7
0.6	1261.2	56630.8	1318.8	65240.5	2122.1	95179.6	95179.6	803.2	29939.2	801.7	801.7	43156.4	43156.4
44.2	821.4	57452.2	856.0	66096.5	1393.5	96573.1	96573.1	537.5	30476.7	500.6	500.6	43747.0	43747.0
55.8	514.8	57967.0	526.3	66622.8	874.6	97447.7	97447.7	348.2	30824.9	345.9	345.9	44113.0	44113.0
55.8	271.1	58238.1	271.1	66893.9	460.6	97908.3	97908.3	189.5	31014.4	109.5	109.5	44302.5	44302.5
55.8	0.	58238.1	0.	66893.9	0.	97908.3	97908.3	0.	31014.4	0.	0.	44302.5	44302.5
55.8	0.	58238.1	0.	66893.9	0.	97908.3	97908.3	0.	31014.4	0.	0.	44302.5	44302.5
55.8	0.	58238.1	0.	66893.9	0.	97908.3	97908.3	0.	31014.4	0.	0.	44302.5	44302.5

C

Table S.31. Cash Flows for U.S. Airlines ^{1, 4} for "U.S. Interest in SST Program" for Various Sources of Estimates, for Quantity 1
 (Fares of 0.9 Times Current Fares), in Millions of Dollars

a. Production and Development Cost - MFR
 Operating Cost - FAA

Year	U.S. Airlines Acquisition Cost			U.S. Airlines Total Operating Cost			U.S. Airlines Total Outlay			U.S. Airlines Revenues			U.S. Airlines Net Cash Flows		
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	
1965	57.8	57.8	0.	0.	57.8	57.8	0.	0.	-57.8	-57.8	-57.8	-57.8	-57.8	-57.8	
1966	147.4	247.1	0.	0.	187.4	245.1	0.	0.	-187.4	-187.4	-187.4	-187.4	-187.4	-187.4	
1967	149.6	344.1	199.1	199.1	94.8	113.2	41.8	41.8	-537.3	-537.3	-537.3	-537.3	-537.3	-537.3	
1968	172.1	1765.2	223.4	1295.5	248.8	248.8	1073.7	1073.7	-782.4	-782.4	-782.4	-782.4	-782.4	-782.4	
1969	195.1	2561.3	359.6	1653.7	414.2	414.2	1782.8	3267.3	-1004.2	-1004.2	-1004.2	-1004.2	-1004.2	-1004.2	
1970	160.2	3375.3	1131.7	2712.3	1949.9	6072.3	2329.7	5577.1	-875.1	-875.1	-875.1	-875.1	-875.1	-875.1	
1971	411.2	422.7	1533.6	4245.4	2374.8	8467.2	3121.0	8718.0	-129.1	-129.1	-129.1	-129.1	-129.1	-129.1	
1972	522.7	5973.4	1959.8	5276.2	2812.5	11279.6	4010.2	12728.6	129.2	129.2	129.2	129.2	129.2	129.2	
1973	529.6	5903.1	2296.4	8502.0	3126.0	14455.7	4673.6	17472.2	1547.6	1547.6	1547.6	1547.6	1547.6	1547.6	
1974	123.1	6625.1	2277.0	11029.6	3250.0	17655.7	5145.0	22548.3	1896.0	1896.0	1896.0	1896.0	1896.0	1896.0	
1975	154.5	5810.6	2710.6	13739.9	2894.5	26556.2	5522.9	28971.1	2628.3	2628.3	2628.3	2628.3	2628.3	2628.3	
1976	134.5	5995.2	2912.9	16652.5	3097.4	23647.6	5942.1	34613.3	2844.7	2844.7	2844.7	2844.7	2844.7	2844.7	
1977	184.5	7177.7	2912.9	17565.4	3097.4	26745.1	5942.1	39655.4	2844.7	2844.7	2844.7	2844.7	2844.7	2844.7	
1978	144.5	7364.2	2912.9	22478.3	3097.4	29442.5	5942.1	45897.5	2844.7	2844.7	2844.7	2844.7	2844.7	2844.7	
1979	154.5	7548.7	2912.9	25391.2	3097.4	32739.4	5942.1	51837.7	2844.7	2844.7	2844.7	2844.7	2844.7	2844.7	
1980	194.5	7733.2	2912.9	28394.1	3097.4	36037.3	5942.1	57781.8	2844.7	2844.7	2844.7	2844.7	2844.7	2844.7	
1981	164.5	7917.7	2912.9	31217.7	3097.4	39134.7	5942.1	63723.9	2844.7	2844.7	2844.7	2844.7	2844.7	2844.7	
1982	173.0	3092.7	2713.8	33930.2	2886.8	42021.2	5531.3	69255.2	2644.5	2644.5	2644.5	2644.5	2644.5	2644.5	
1983	143.9	8240.9	2387.5	36426.3	2539.4	44560.9	4868.4	74123.6	2329.0	2329.0	2329.0	2329.0	2329.0	2329.0	
1984	126.9	8344.5	2624.3	38374.6	2181.2	46742.0	4159.3	78283.0	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	
1985	103.8	8471.2	1751.2	40155.2	1885.6	48627.5	3612.4	91895.4	1727.4	1727.4	1727.4	1727.4	1727.4	1727.4	
1986	90.7	8552.0	1371.3	41235.1	1460.1	50037.1	2821.2	44716.6	1361.1	1361.1	1361.1	1361.1	1361.1	1361.1	
1987	57.7	8609.6	953.1	42438.3	1011.8	51697.9	1931.6	96648.2	920.8	920.8	920.8	920.8	920.8	920.8	
1988	34.6	8644.2	616.5	43104.5	651.1	51749.0	1268.5	87916.6	617.4	617.4	617.4	617.4	617.4	617.4	
1989	11.5	8655.8	386.5	43430.7	397.5	52146.5	796.1	98712.7	398.6	398.6	398.6	398.6	398.6	398.6	
1990	0.	8655.8	292.9	43573.9	262.9	52349.3	419.3	89132.0	216.4	216.4	216.4	216.4	216.4	216.4	
1991	0.	8655.8	0.	43633.6	0.	52349.3	0.	99132.0	0.	0.	0.	0.	0.	0.	
1992	0.	8655.8	0.	43673.6	0.	52349.3	0.	89132.0	0.	0.	0.	0.	0.	0.	
1993	0.	8655.8	0.	43673.6	0.	52349.3	0.	89132.0	0.	0.	0.	0.	0.	0.	
1994	0.	8655.8	0.	43673.6	0.	52349.3	0.	89132.0	0.	0.	0.	0.	0.	0.	

b. Production and Development Cost - MFR
Operating Cost - ORI

U.S. Interest in SST Program		Net Cash Flows	
Ann.	Cum.	Ann.	Cum.
.8	.8	30.9	30.9
-1	131.2	130.3	131.2
.4	743.8	963.5	1707.2
.2	147.4	147.4	147.4
.1	749.0	1968	772.1
.3	1349.7	3056.9	1165.9
.9	4692.8	1969	2561.3
.6	1635.9	5108.2	1165.9
.6	5730.4	2037.6	3377.5
.9	941.2	971	4220.7
.9	2507.1	9237.6	1972
.6	2821.2	12058.8	1973
.6	3006.1	15064.8	1974
.9	2911.6	17916.4	1975
.6	3128.0	21104.4	1976
.3	3128.0	24232.3	1977
.0	3128.0	27360.3	1978
.8	30488.3	8138.3	1979
.5	33616.3	3128.0	1980
.2	3674.2	3128.0	1981
.7	39654.3	2910.1	1982
.8	42213.5	2559.2	1983
.9	44386.4	2172.9	1984
.4	46273.2	1886.7	1985
.5	47758.2	1485.0	1986
.3	48767.5	1059.3	1987
.7	49438.0	670.5	1988
.3	49854.3	416.3	1989
.7	50070.7	216.4	1990
.7	-0.0	-0.0	1991
.7	50070.7	50070.7	1992
.7	-0.0	-0.0	1993
.7	50070.7	50070.7	1994

U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines	
Year	Acquisition Cost	Total Operating Cost	Total Outlay	Ann.	Cum.	Ann.	Cum.
1965	31.8	57.4	0.0	0.0	0.0	57.8	57.8
1966	147.4	245.1	0.0	0.0	0.0	187.4	245.1
1967	749.0	964.1	260.3	260.3	260.3	1014.3	1253.4
1968	1165.9	1705.2	712.5	931.0	931.0	1484.2	1484.2
1969	2561.3	2561.3	1165.9	2147.7	2147.7	1961.0	4709.0
1970	3108.2	3377.5	1535.4	3683.1	3683.1	2353.6	7052.6
1971	941.2	4220.7	2630.0	5746.1	5746.1	2904.2	9955.8
1972	692.7	5073.4	2621.4	9367.4	9367.4	3474.1	13440.9
1973	829.6	5203.1	3C61.1	11428.0	11428.0	3890.7	17331.6
1974	123.1	6626.1	3367.8	14796.3	14796.3	4190.8	21422.5
1975	184.5	6810.6	3611.4	18407.8	18407.8	3795.9	25218.4
1976	184.5	6995.2	3882.5	22290.3	22290.3	4067.1	29285.5
1977	184.5	7172.7	3882.5	26172.9	26172.9	4067.1	33352.5
1978	184.5	7354.2	3882.5	30055.4	30055.4	4067.1	37419.6
1979	134.5	7549.7	3882.5	33937.9	33937.9	4067.1	41486.6
1980	184.5	7733.2	3882.5	37820.5	37820.5	4067.1	45553.7
1981	184.5	7917.7	3882.5	41730.0	41730.0	4067.1	49620.7
1982	173.0	8137.7	3613.2	45316.3	45316.3	3786.2	53436.3
1983	149.9	8247.6	3170.1	48486.3	48486.3	3320.0	56726.9
1984	126.9	8367.5	2716.6	51203.5	51203.5	2843.5	59570.4
1985	103.8	8471.2	2347.1	53550.1	53550.1	2450.9	62021.3
1986	80.7	8552.0	1819.6	55369.7	55369.7	1900.3	63021.6
1987	57.7	8609.6	1261.2	50630.8	50630.8	1318.8	65240.5
1988	34.6	8644.2	821.4	57452.2	57452.2	656.0	66036.5
1989	11.5	8655.8	514.8	57967.0	57967.0	526.3	66622.0
1990	0.0	8655.8	271.1	58238.1	58238.1	271.1	66833.9
1991	0.0	8655.8	0.0	58238.1	58238.1	0.0	66893.9
1992	0.0	8655.8	0.0	58238.1	58238.1	0.0	66893.9
1993	0.0	8655.8	0.0	58238.1	58238.1	0.0	66893.9
1994	0.0	8655.8	0.0	58238.1	58238.1	0.0	66893.9

		U.S. Airlines				U.S. Airlines				U.S. Airlines					
	U.S. Airlines Total Operating Cost	U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows			U.S. Airlines Total Operating Cost	U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows	
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
0.	0.	0.	57.0	57.0	6.	6.	-57.0	-57.0	30.9	30.9	30.9	0.	0.	-57.0	-57.0
1.	187.4	245.1	0.	0.	-187.4	-245.1	100.3	100.3	131.2	131.2	131.2	0.	0.	-187.4	-245.1
2.	161.3	125.4	410.8	410.8	-607.5	-852.6	542.4	542.4	673.6	673.6	673.6	-410.8	-410.8	-607.5	-852.6
3.	148.4	274.0	1073.7	1073.7	1494.6	1263.4	774.4	774.4	1448.0	1448.0	1448.0	1494.6	1494.6	774.4	1263.4
4.	1961.0	4759.0	1782.2	3207.3	-178.2	-1441.6	1042.4	1042.4	2490.4	2490.4	2490.4	1782.2	1782.2	-178.2	-1441.6
5.	2354.6	7052.6	2320.7	5597.1	-23.9	-1465.5	1232.2	1232.2	3722.6	3722.6	3722.6	5597.1	5597.1	-23.9	-1465.5
6.	2904.2	9355.4	3121.0	8718.0	216.7	-1248.8	1508.2	1508.2	5230.8	5230.8	5230.8	8718.0	8718.0	216.7	-1248.8
7.	3474.1	1344.0	4010.5	12728.6	535.5	-712.3	1845.5	1845.5	7076.3	7076.3	7076.3	12728.6	12728.6	535.5	-712.3
8.	11428.6	3890.7	17331.6	4673.6	782.2	70.6	2056.5	2056.5	9132.8	9132.8	9132.8	4673.6	4673.6	782.2	70.6
9.	14736.3	4140.8	21422.5	5146.0	22548.3	1055.2	2165.2	2165.2	11298.0	11298.0	11298.0	5146.0	5146.0	22548.3	1055.2
10.	18407.5	3795.9	25218.4	5522.9	28071.1	1726.9	2852.7	2852.7	2010.2	2010.2	2010.2	5522.9	5522.9	28071.1	1726.9
11.	22290.3	4067.1	29285.5	5942.1	34013.3	1875.1	2158.3	2158.3	15466.6	15466.6	15466.6	5942.1	5942.1	34013.3	1875.1
12.	26172.9	4067.1	33352.5	5942.1	39955.4	1875.1	2158.3	2158.3	17624.9	17624.9	17624.9	5942.1	5942.1	39955.4	1875.1
13.	30055.4	4667.1	37419.6	5942.1	45897.5	1875.1	2158.3	2158.3	19783.2	19783.2	19783.2	5942.1	5942.1	45897.5	1875.1
14.	33937.9	4067.1	41486.6	5942.1	51839.7	1875.1	2158.3	2158.3	21941.6	21941.6	21941.6	5942.1	5942.1	51839.7	1875.1
15.	37820.2	4067.1	45533.7	5942.1	57791.8	1875.1	2158.3	2158.3	24099.9	24099.9	24099.9	5942.1	5942.1	57791.8	1875.1
16.	41793.0	4067.1	49620.7	5942.1	63723.9	1875.1	2158.3	2158.3	26258.2	26258.2	26258.2	5942.1	5942.1	63723.9	1875.1
17.	45316.3	3786.2	53406.9	5531.3	69255.2	1745.1	2010.6	2010.6	28268.9	28268.9	28268.9	5531.3	5531.3	69255.2	1745.1
18.	48486.3	3320.0	56726.9	4868.4	74123.6	1548.4	2158.3	2158.3	30047.5	30047.5	30047.5	4868.4	4868.4	74123.6	1548.4
19.	51273.5	2843.5	59570.4	4159.3	78283.0	1315.8	2158.3	2158.3	31558.0	31558.0	31558.0	4159.3	4159.3	78283.0	1315.8
20.	53550.1	2450.9	62021.3	3612.4	81895.4	1161.5	2158.3	2158.3	32878.9	32878.9	32878.9	3612.4	3612.4	81895.4	1161.5
21.	55359.7	1900.3	63921.6	2621.2	84716.6	920.9	2010.6	2010.6	28268.9	28268.9	28268.9	2621.2	2621.2	84716.6	920.9
22.	58238.1	271.1	66893.9	419.3	89132.0	1044.8	2158.3	2158.3	33923.7	33923.7	33923.7	419.3	419.3	89132.0	1044.8
23.	60630.8	1318.8	65240.5	1931.6	86648.2	1778.6	2158.3	2158.3	34624.9	34624.9	34624.9	1931.6	1931.6	86648.2	1778.6
24.	64552.2	656.0	66096.2	1268.5	87916.6	1510.6	2158.3	2158.3	35090.5	35090.5	35090.5	1268.5	1268.5	87916.6	1510.6
25.	57957.0	526.3	66622.0	796.1	88712.7	269.8	287.5	287.5	35378.0	35378.0	35378.0	796.1	796.1	88712.7	269.8
26.	58238.1	271.1	66893.9	419.3	89132.0	148.2	22238.1	22238.1	35526.2	35526.2	35526.2	419.3	419.3	89132.0	148.2
27.	58238.1	0.	66893.9	0.	89132.0	0.	-0.	-0.	35526.2	35526.2	35526.2	0.	0.	89132.0	0.
28.	58238.1	0.	66893.9	0.	89132.0	0.	-0.	-0.	35526.2	35526.2	35526.2	0.	0.	89132.0	0.
29.	58238.1	0.	66893.9	0.	89132.0	0.	-0.	-0.	35526.2	35526.2	35526.2	0.	0.	89132.0	0.

		U.S. Interest in SST Program				Net Cash Flows				
		Ann.		Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
0.	0.	0.	0.	0.	0.	0.	0.	0.	30.9	30.9
1.	131.2	100.3	100.3	100.3	-187.4	-245.1	-607.5	-852.6	131.2	131.2
2.	673.6	542.4	542.4	542.4	-410.9	-1263.4	-178.2	-1441.6	673.6	673.6
3.	1448.0	774.4	774.4	774.4	-178.2	-1441.6	-23.9	-1465.5	1448.0	1448.0
4.	2490.4	1042.4	1042.4	1042.4	-23.9	-1465.5	-216.7	-1248.8	2490.4	2490.4
5.	3722.6	1232.2	1232.2	1232.2	-216.7	-1248.8	-535.5	-712.3	3722.6	3722.6
6.	5230.8	1508.2	1508.2	1508.2	-535.5	-712.3	-1845.5	-7076.3	5230.8	5230.8
7.	35526.2	2056.5	2056.5	2056.5	-1845.5	-7076.3	-2056.5	-9132.8	35526.2	35526.2
8.	35526.2	2165.2	2165.2	2165.2	-2165.2	-11298.0	-2165.2	-11298.0	35526.2	35526.2
9.	35526.2	210.0	210.0	210.0	-210.0	-35526.2	-210.0	-35526.2	35526.2	35526.2

Table S1.32. Cash Flows for U.S. Airlines and for "U.S. Interest in SST Program" for Various Sources of Estimates, for Quantity 1728 of Boeing 707-320B
 (Fares of 1.0 Times Current Fares), in Millions of Dollars

a. Production and Development Cost - MFR
 Operating Cost - FAA

Year	U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines	
	Acquisition Cost	Cum.	Total Operating Cost	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.
	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
1965	57.6	57.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	-57.6
1966	145.7	244.3	244.3	244.3	145.7	244.3	244.3	244.3	244.3	31.1
1967	746.4	971.7	199.1	199.1	199.1	945.5	1139.7	451.1	451.1	166.9
1968	769.4	1760.1	523.4	722.1	1292.6	2432.6	1178.6	1629.9	451.1	655.4
1969	192.4	2552.2	358.3	1941.2	1601.6	4133.6	1957.5	3537.6	1071.2	1521.3
1970	315.4	3367.2	1131.7	2712.7	1947.1	575.7	2559.2	6145.8	611.1	1677.2
1971	335.4	425.2	1533.6	4246.4	2371.9	8422.6	342.3	9573.1	1055.4	1120.5
1972	661.3	5067.5	1329.8	6270.2	2821.1	11213.7	4405.2	13978.3	1284.0	2366.9
1973	584.3	5951.5	2296.4	5932.1	3157.7	14624.2	2133.7	19112.0	1953.0	290.9
1974	307.3	6850.2	2527.0	1129.4	2434.3	1752.7	5652.7	24754.6	218.4	315.3
1975	335.3	7742.4	2710.3	13739.2	364.3	1529.0	6066.6	30831.3	426.3	3616.1
1976	341.7	8731.2	2972.7	16712.3	3914.4	2543.4	6623.3	37434.6	12041.2	389.4
1977	315.7	3640.3	3205.2	19917.4	4123.8	29507.3	7173.7	44658.4	3020.0	485.6
1978	312.5	10462.4	3448.3	23355.7	426.5	33428.1	7713.7	52377.4	15031.2	4455.2
1979	275.6	19730.2	3744.2	27129.1	4020.0	37343.1	8330.3	60758.2	12733.9	4779.8
1980	272.8	11014.0	4017.1	31127.1	4293.0	42141.9	8989.6	69147.8	4696.6	485.6
1981	272.8	11297.8	4358.2	35495.2	4634.0	46775.6	9759.4	7957.2	5125.4	521.5
1982	264.3	11554.1	4153.1	31644.2	4423.4	51193.4	9303.3	68815.5	37617.2	443.3
1983	241.3	11795.5	3834.7	43479.2	4075.1	55274.4	8583.6	97376.1	4554.5	5292.1
1984	216.4	12012.8	3479.6	45978.2	3717.9	5892.3	7801.5	105137.9	4083.8	4620.5
1985	195.4	12267.2	3226.5	50235.1	3421.8	62414.2	7201.2	112399.1	32732.3	602.2
1986	172.4	12381.6	2824.0	53929.0	2997.0	65411.2	6332.1	118731.2	37617.2	53320.1
1987	141.4	12531.0	2393.4	55428.4	2547.8	67958.9	5354.3	124095.5	42121.7	350.6
1988	126.4	12657.4	2061.8	57489.7	2188.2	70147.1	4625.7	128711.2	2437.5	576.3
1989	102.4	12767.3	1831.2	59320.9	1934.6	7231.8	416.7	132817.9	50736.2	647.7
1990	45.4	12441.3	1643.1	60959.1	1728.6	73810.3	3692.8	13651.7	2331.4	687.7
1991	57.5	12879.7	1355.5	62354.5	1443.0	75253.3	3106.1	139616.8	6270.0	803.1
1992	34.2	12733.2	1153.5	63507.0	1177.5	76440.8	2085.5	142272.4	1653.1	824.1
1993	11.5	12744.7	913.7	54417.4	921.4	77302.1	2041.5	144242.8	1119.1	842.1
1994	0.0	12944.7	614.6	6531.4	614.6	77716.1	1376.6	145621.4	764.6	8682.0

b. Production and Development Cost - MFR
Operating Cost - ORI

U.S. Interest in SST Program		Net Cash Flows	
Ann.	Cum.	Ann.	Cum.
31.1	31.1	100.3	132.3
100.3	100.3	622.4	787.4
622.4	1071.2	1071.2	1954.7
1071.2	1527.3	1527.3	3386.5
1527.3	1867.2	1867.2	5253.1
1867.2	2346.9	2346.9	7696.0
2346.9	2910.9	2910.9	10516.9
2910.9	3315.3	3315.3	13826.2
3315.3	3616.1	3616.1	17442.3
3616.1	3859.4	3859.4	21301.7
3859.4	4187.6	4187.6	25491.3
4187.6	4465.2	4465.2	29159.5
4465.2	4782.8	4782.8	34666.3
4782.8	5121.5	5121.5	37452.1
5121.5	5259.3	5259.3	44573.0
5259.3	5292.1	5292.1	50123.9
5292.1	4376.3	4376.3	53416.1
4376.3	4420.2	4420.2	60292.4
4420.2	4050.4	4050.4	64714.0
4050.4	3751.6	3751.6	69793.0
3751.6	3736.0	3736.0	72393.6
3736.0	2532.3	2532.3	75430.2
2532.3	2331.4	2331.4	78062.5
2331.4	2083.4	2083.4	80393.9
2083.4	1751.7	1751.7	82482.0
1751.7	1451.2	1451.2	84684.3
1451.2	1136.8	1136.8	86821.7
1136.8	764.6	764.6	87588.2

Year	U.S. Airlines				U.S. Airlines				U.S. Airlines			
	Acquisition Cost	Cum.	Ann.	Cum.	Total Operating Cost	Ann.	Cum.	Ann.	Total Outlay	Revenues	Cum.	Ann.
1965	57.6	57.6	0.	0.	269.3	269.3	1015.7	57.6	57.6	0.	0.	-57.6
1966	186.7	244.3	0.	0.	712.5	981.8	1481.9	186.7	244.3	0.	0.	-186.7
1967	746.4	990.7	269.3	269.3	1165.9	2147.7	1958.3	1015.7	1260.0	451.1	451.1	-564.4
1968	769.4	1760.1	712.5	981.8	2552.5	3493.1	2350.8	1481.9	2741.9	1178.8	1629.9	-303.1
1969	792.4	2552.5	1165.9	2147.7	1535.4	5746.1	2901.3	1958.3	4700.2	1957.6	3587.6	-0.6
1970	815.4	3367.8	1535.4	3493.1	3367.8	3367.4	3367.4	2350.8	7351.0	2558.2	6145.8	207.4
1971	838.4	4206.2	2063.0	2063.0	2621.4	3617.4	3482.7	2901.3	9952.3	3427.3	9573.1	526.0
1972	861.3	5067.5	3061.1	3061.1	11428.6	3945.5	13435.0	13435.0	13435.0	4405.2	13978.3	922.5
1973	884.3	5951.8	3367.3	3367.3	4272.2	4272.2	5190.9	14796.3	4275.1	21655.2	5652.7	1188.3
1974	907.3	6859.2	3611.4	3611.4	4596.4	3611.4	5409.9	4541.7	26197.2	6066.6	30831.3	1377.6
1975	930.3	7789.4	3961.1	3961.1	4902.6	22368.4	4902.6	31139.0	6653.3	37484.6	1524.9	
1976	941.7	8731.2	4272.2	4272.2	5353.9	41581.3	5629.7	5190.9	36230.9	7173.9	44658.4	1750.5
1977	918.7	9649.9	4596.4	4596.4	5265.9	5265.9	5409.9	41699.7	7718.9	52377.4	2310.4	1983.0
1978	812.5	10462.4	4990.1	4990.1	5339.1	36227.4	5339.1	5265.9	46965.6	8380.9	60758.2	3115.0
1979	275.8	10738.2	5353.9	5353.9	5810.2	47391.5	5810.2	52535.3	5629.7	8989.6	6947.8	3359.9
1980	275.8	11014.0	5810.2	5810.2	5540.9	52932.4	5540.9	47391.5	6086.0	58681.3	9759.4	3673.4
1981	275.8	11289.8	5540.9	5540.9	5097.8	58030.2	5097.8	52932.4	5803.2	64486.6	9308.3	3503.1
1982	264.3	11554.1	5097.8	5097.8	5168.9	73885.5	5168.9	58030.2	5339.1	69825.7	8580.6	97396.1
1983	241.3	11795.5	4644.3	4644.3	62674.5	62674.5	4862.7	5168.9	52535.3	86416.4	5354.3	3241.5
1984	218.4	12C13.8	4274.8	4274.8	4274.8	79077.0	4274.8	47391.5	4470.2	74688.4	7801.8	105197.9
1985	195.4	12209.2	3747.3	3747.3	3168.9	70696.6	3168.9	66949.3	3919.6	7921.5	7201.2	2731.1
1986	172.4	12381.6	3168.9	3168.9	2198.8	81275.8	2198.8	66949.3	83078.2	6332.1	118731.2	2412.4
1987	149.4	12531.0	2198.8	2198.8	2749.1	76637.5	2749.1	70696.6	2279.2	94117.1	3692.8	136510.7
1988	126.4	12657.4	2749.1	2749.1	2442.5	79077.0	2442.5	81275.8	2875.5	89291.9	4625.7	128711.2
1989	103.4	12760.8	2442.5	2442.5	21894.7	81275.8	21894.7	79077.0	2545.9	91837.8	4106.7	132817.9
1990	80.4	12841.3	1849.2	1849.2	1849.2	83125.0	1849.2	81275.8	1906.6	96023.7	3106.1	139616.8
1991	57.5	12894.7	1849.2	1849.2	15388.1	845663.8	15388.1	1849.2	1572.5	97596.2	2585.5	142202.4
1992	34.5	12933.2	15388.1	15388.1	1213.9	85876.9	1213.9	15388.1	1225.4	98821.6	2040.5	144242.8
1993	11.5	12944.7	820.2	820.2	820.2	86697.1	820.2	820.2	820.2	1378.6	99641.8	558.4
1994	0.	12944.7	820.2	820.2	820.2	86697.1	820.2	820.2	820.2	1378.6	99641.4	558.4

		U.S. Airlines				U.S. Airlines				U.S. Airlines			
		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airlines Net Cash Flows		U.S. Airlines Net Cash Flows		U.S. Airlines Net Cash Flows	
Year		Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
57	6	0.	0.	57.6	57.6	0.	0.	-57.6	-57.6	71.1	31.1	71.1	31.1
44	3	0.	0.	166.7	244.3	0.	0.	-186.7	-244.3	160.9	132.0	160.9	132.0
90	7	269.3	269.3	1015.7	1260.0	451.1	451.1	-564.6	-808.9	565.2	717.2	565.2	717.2
60	1	712.5	981.8	1481.9	2741.9	1178.8	1629.9	-303.1	-1111.9	892.2	1599.4	892.2	1599.4
52	5	1165.9	2147.7	1958.3	4700.2	1957.6	3587.6	-0.6	-1112.6	1270.0	2819.5	1270.0	2819.5
67	8	1535.4	3693.1	2350.8	7051.0	2558.2	6145.8	207.4	-905.2	143.4	4282.9	143.4	4282.9
06	2	2063.0	5746.1	2901.3	9952.3	3427.3	9573.1	526.0	-379.2	1817.5	6106.4	1817.5	6106.4
67	5	2621.4	3367.4	3482.7	13435.0	4405.2	13978.3	922.5	543.3	2249.3	8349.7	2249.3	8349.7
51	8	3061.1	11428.6	3945.5	17380.4	5133.7	19112.0	1188.3	1731.3	250.5	10900.2	250.5	10900.2
59	2	3367.8	14796.3	4275.1	21655.5	5652.7	24764.6	1377.6	3109.1	2775.3	13675.5	2775.3	13675.5
89	4	3611.4	18407.8	4541.7	26197.2	6066.6	30831.3	1524.9	4634.0	298.0	16633.5	298.0	16633.5
31	2	3961.1	22368.3	4902.6	31110.0	6653.3	37484.6	1750.5	6384.6	321.2	19834.7	321.2	19834.7
79	9	4272.2	26641.3	5190.9	36230.9	7173.9	44658.4	1983.0	8367.6	338.2	23232.9	338.2	23232.9
62	4	4590.4	31237.4	5409.9	41699.7	7718.9	52377.4	2310.1	10677.6	3561.7	26794.7	3561.7	26794.7
38	2	4990.1	36227.4	5265.9	46965.6	8360.9	60758.2	3115.0	13792.6	3529.9	30334.5	3529.9	30334.5
14	0	5353.9	41581.3	5623.7	52595.3	8989.6	69747.8	3359.9	17152.5	3794.8	34119.3	3794.8	34119.3
39	8	5810.2	47391.5	6086.0	58681.3	9759.4	79507.2	3673.4	20825.9	408.3	38217.6	408.3	38217.6
54	1	5540.9	52932.4	5802.2	64486.6	9308.3	88815.5	3503.1	24329.0	3910.2	42127.8	3910.2	42127.8
95	5	5C97.8	58030.2	5339.1	69825.7	8580.6	97396.1	3241.5	27570.5	3613.3	45741.1	3613.3	45741.1
33	8	4644.3	62674.5	4862.7	74688.4	7801.8	105197.9	2939.1	30509.6	3275.4	49016.6	3275.4	49016.6
99	2	4274.8	66949.3	4470.2	79158.5	7201.2	112399.1	2731.1	33240.6	3072.0	52048.6	3072.0	52048.6
11	6	3747.3	70696.6	3919.6	83078.2	6332.1	118731.2	2412.4	35653.1	2678.0	54726.6	2678.0	54726.6
11	0	3188.9	73885.5	3338.3	86416.4	5354.3	124C85.5	2016.0	37669.0	2246.1	56972.7	2246.1	56972.7
77	4	2749.1	76634.5	2875.5	89291.9	4625.7	128711.2	1750.2	39419.2	1944.9	58917.6	1944.9	58917.6
08	8	2442.5	79077.0	2545.9	91837.8	4106.7	132817.9	1560.9	40980.1	1720.2	60637.8	1720.2	60637.8
11	3	2198.8	81275.8	2279.2	94117.1	3692.8	136510.7	1413.5	42393.6	1577.5	62175.3	1577.5	62175.3
88	7	1849.2	83125.0	1906.6	96023.7	3106.1	139616.8	1199.5	43593.1	128.0	63463.3	128.0	63463.3
32	2	1538.1	84663.0	1572.5	97596.2	2585.5	142202.4	1013.0	44606.1	106.1	64529.4	106.1	64529.4
47	7	1213.9	85876.9	1225.4	98821.6	2040.5	144242.8	815.1	45421.2	872.8	65362.2	872.8	65362.2
47		820.2	86637.1	820.2	99641.8	1378.6	145621.4	58.4	45979.6	58.4	65920.6	58.4	65920.6

U.S. Interest in
SST Program

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Table S1.33. Cash Flows for U.S. Airlines and for "U.S. Interest in SST Program" for Various Sources of Estimates, for Quantity
(Fares of 0.9 Times Current Fares), in Millions of Dollars

a. Production and Development Cost - MFRR
Operating Cost - FAA

Year	U.S. Airlines			U.S. Airlines			U.S. Airlines			U.S. Airlines		
	Acquisition Cost		Cum.	Total Operating Cost		Cum.	Total Outlay		Cum.	Revenues		Cum.
	Ann.	Cum.	Ann.	Ann.	Cum.	Ann.	Ann.	Cum.	Ann.	Ann.	Cum.	Ann.
1965	57.6	57.6	27.4	0.	27.4	0.	27.6	27.6	0.	0.	0.	-57.6
1966	119.7	177.3	24.8	3.	24.8	3.	185.7	244.3	0.	0.	0.	-186.7
1967	145.4	323.7	49.7	7.	197.1	179.4	945.5	1139.5	419.5	419.5	419.5	-244.3
1968	114.4	438.1	17.6	1.	213.4	172.6	1292.6	2432.6	1073.7	1484.6	1484.6	-534.7
1969	112.4	550.5	220.2	2.	123.6	123.6	1651.0	4133.6	1782.4	3267.3	3267.3	-779.0
1970	112.4	663.7	352.7	5.	1131.7	2712.7	1947.1	6032.7	2327.7	5597.1	5597.1	-998.1
1971	112.4	776.4	424.0	2.	1533.2	424.0	2371.9	8422.6	3121.1	8718.0	8718.0	-866.3
1972	95.1	871.5	5167.5	1.	119.1	525.2	2521.1	11273.7	4010.5	12728.6	12728.6	-483.6
1973	89.4	960.7	5731.2	3.	4215.4	3924.0	3116.7	1444.5	4673.6	17472.2	17472.2	-265.4
1974	95.7	1056.2	5485.2	2.	2927.1	11229.6	3434.3	17335.7	5146.0	22548.3	22548.3	1454.9
1975	113.3	1175.4	7710.4	1.	13739.6	13739.6	3646.3	21529.0	5522.9	28071.1	28071.1	2947.8
1976	114.1	1231.2	2472.7	1.	15712.2	3914.4	25443.4	6557.0	34128.1	2142.6	2142.6	1189.4
1977	91.7	964.7	3210.2	2.	14317.4	4123.6	29567.3	6530.9	40659.0	1492.9	1492.9	1109.1
1978	112.5	10462.4	3473.3	3.	23257.7	4267.8	33928.1	7027.1	47696.0	2766.3	2766.3	2947.8
1979	117.9	11731.2	3746.2	2.	27110.1	4626.6	3748.1	7529.7	56315.7	3609.7	3609.7	6559.6
1980	117.9	1114.6	4217.1	1.	31127.0	4293.1	42141.0	8183.9	63499.6	3890.9	3890.9	1454.9
1981	117.9	11230.3	4329.2	3.	35435.2	4634.0	46775.0	8844.7	72384.3	4250.7	4250.7	1454.9
1982	126.4	11224.1	41220.1	1.	31044.2	4423.4	51118.4	8473.8	80858.1	4050.5	4050.5	1454.9
1983	124.1	11796.5	3534.7	0.	43479.4	4070.1	55274.4	7811.5	88669.1	3734.9	3734.9	1454.9
1984	115.4	12513.4	34970.6	1.	46178.2	37117.9	58932.3	7101.3	95771.0	3384.0	3384.0	1454.9
1985	109.5	12200.2	3225.2	2.	55202.0	3421.6	62414.2	6554.9	102325.9	3133.1	3133.1	1454.9
1986	117.2	12381.0	2524.6	1.	53029.0	2697.0	65411.2	5763.7	108099.6	2766.7	2766.7	1454.9
1987	142.4	12531.6	2393.4	0.	62428.1	2547.8	67938.4	4974.1	112963.8	2326.4	2326.4	1454.9
1988	126.4	12557.4	2351.3	1.	57499.7	2158.2	70147.1	4211.0	117174.8	2022.9	2022.9	1454.9
1989	103.4	12760.7	1231.2	0.	57320.7	1934.6	7231.6	3738.6	120913.4	1804.0	1804.0	1454.9
1990	40.4	12941.3	1643.1	1.	60959.1	1728.6	73810.3	3361.8	124275.3	1633.2	1633.2	1454.9
1991	47.0	12521.7	1335.6	0.	62354.0	1443.0	75223.3	2827.7	12713.0	1384.8	1384.8	1454.9
1992	34.5	12332.2	1153.2	1.	63507.0	1137.5	76440.8	2353.8	129456.8	1166.3	1166.3	1454.9
1993	111.5	12344.7	97.1	0.	64417.4	921.4	77362.1	1857.6	131314.4	930.2	930.2	1454.9
1994	0.	12344.7	614.0	0.	65314.4	614.0	77976.1	1255.0	132569.4	641.0	641.0	1454.9

b. Production and Development Cost - NFR
Operating Cost - ORI

U.S. Interest in SST Program		Net Cash Flows		U.S. Airlines Acquisition Cost		U.S. Airlines Total Operating Cost		U.S. Airlines Total Outlay		U.S. Airlines Revenues		U.S. Airline Net Cash Flow	
Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
31.1	31.1	100.9	132.0	615.1	747.2	966.1	1713.2	1352.5	3062.7	1628.7	4704.5	2040.5	6745.0
31.1	31.1	100.9	132.0	615.1	747.2	966.1	1713.2	1352.5	3062.7	1628.7	4704.5	2040.5	6745.0
34.6	65.7	105.7	142.0	746.4	747.2	1968	1769.4	1969	1969	1970	1971	1971	1971
34.6	65.7	105.7	142.0	746.4	747.2	1968	1769.4	1969	1969	1970	1971	1971	1971
38.1	103.8	144.3	179.0	990.7	990.7	1969	1769.4	1969	1969	1970	1971	1971	1971
38.1	103.8	144.3	179.0	990.7	990.7	1969	1769.4	1969	1969	1970	1971	1971	1971
42.6	152.4	244.3	300.7	2552.5	2552.5	1970	1970	1970	1970	1971	1971	1971	1971
42.6	152.4	244.3	300.7	2552.5	2552.5	1970	1970	1970	1970	1971	1971	1971	1971
47.1	200.0	344.3	400.0	3367.0	3367.0	1971	1971	1971	1971	1972	1972	1972	1972
47.1	200.0	344.3	400.0	3367.0	3367.0	1971	1971	1971	1971	1972	1972	1972	1972
51.6	248.6	492.9	550.0	3367.0	3367.0	1972	1972	1972	1972	1973	1973	1973	1973
51.6	248.6	492.9	550.0	3367.0	3367.0	1972	1972	1972	1972	1973	1973	1973	1973
56.1	300.0	643.3	700.0	3367.0	3367.0	1973	1973	1973	1973	1974	1974	1974	1974
56.1	300.0	643.3	700.0	3367.0	3367.0	1973	1973	1973	1973	1974	1974	1974	1974
60.6	358.6	701.9	760.0	3367.0	3367.0	1974	1974	1974	1974	1975	1975	1975	1975
60.6	358.6	701.9	760.0	3367.0	3367.0	1974	1974	1974	1974	1975	1975	1975	1975
65.1	417.1	850.0	910.0	3367.0	3367.0	1975	1975	1975	1975	1976	1976	1976	1976
65.1	417.1	850.0	910.0	3367.0	3367.0	1975	1975	1975	1975	1976	1976	1976	1976
69.6	485.6	1334.8	1494.7	3367.0	3367.0	1976	1976	1976	1976	1977	1977	1977	1977
69.6	485.6	1334.8	1494.7	3367.0	3367.0	1976	1976	1976	1976	1977	1977	1977	1977
74.1	554.1	2024.3	2184.8	3367.0	3367.0	1977	1977	1977	1977	1978	1978	1978	1978
74.1	554.1	2024.3	2184.8	3367.0	3367.0	1977	1977	1977	1977	1978	1978	1978	1978
78.6	622.6	2714.0	2884.6	3367.0	3367.0	1978	1978	1978	1978	1979	1979	1979	1979
78.6	622.6	2714.0	2884.6	3367.0	3367.0	1978	1978	1978	1978	1979	1979	1979	1979
83.1	691.1	34009.6	35693.3	3367.0	3367.0	1979	1979	1979	1979	1980	1980	1980	1980
83.1	691.1	34009.6	35693.3	3367.0	3367.0	1979	1979	1979	1979	1980	1980	1980	1980
87.6	759.6	41322.3	4272.2	3367.0	3367.0	1981	1981	1981	1981	1982	1982	1982	1982
87.6	759.6	41322.3	4272.2	3367.0	3367.0	1981	1981	1981	1981	1982	1982	1982	1982
92.1	828.1	43001.0	4596.4	3367.0	3367.0	1982	1982	1982	1982	1983	1983	1983	1983
92.1	828.1	43001.0	4596.4	3367.0	3367.0	1982	1982	1982	1982	1983	1983	1983	1983
96.6	896.6	4675.6	10462.4	3367.0	3367.0	1983	1983	1983	1983	1984	1984	1984	1984
96.6	896.6	4675.6	10462.4	3367.0	3367.0	1983	1983	1983	1983	1984	1984	1984	1984
101.1	965.1	4017.0	29975.0	3367.0	3367.0	1984	1984	1984	1984	1985	1985	1985	1985
101.1	965.1	4017.0	29975.0	3367.0	3367.0	1984	1984	1984	1984	1985	1985	1985	1985
105.6	1034.6	34009.6	35693.3	3367.0	3367.0	1985	1985	1985	1985	1986	1986	1986	1986
105.6	1034.6	34009.6	35693.3	3367.0	3367.0	1985	1985	1985	1985	1986	1986	1986	1986
110.1	1103.8	4315.8	38322.3	3367.0	3367.0	1986	1986	1986	1986	1987	1987	1987	1987
110.1	1103.8	4315.8	38322.3	3367.0	3367.0	1986	1986	1986	1986	1987	1987	1987	1987
114.6	1173.3	4675.6	43001.0	3367.0	3367.0	1987	1987	1987	1987	1988	1988	1988	1988
114.6	1173.3	4675.6	43001.0	3367.0	3367.0	1987	1987	1987	1987	1988	1988	1988	1988
119.1	1241.3	4457.6	47458.6	3367.0	3367.0	1988	1988	1988	1988	1989	1989	1989	1989
119.1	1241.3	4457.6	47458.6	3367.0	3367.0	1988	1988	1988	1988	1989	1989	1989	1989
123.6	1310.8	4110.6	34009.6	35693.3	3367.0	1989	1989	1989	1989	1990	1990	1990	1990
123.6	1310.8	4110.6	34009.6	35693.3	3367.0	1989	1989	1989	1989	1990	1990	1990	1990
128.1	1379.3	4110.6	34009.6	35693.3	3367.0	1990	1990	1990	1990	1991	1991	1991	1991
128.1	1379.3	4110.6	34009.6	35693.3	3367.0	1990	1990	1990	1990	1991	1991	1991	1991
132.6	1449.4	4110.6	4457.6	3367.0	3367.0	1991	1991	1991	1991	1992	1992	1992	1992
132.6	1449.4	4110.6	4457.6	3367.0	3367.0	1991	1991	1991	1991	1992	1992	1992	1992
137.1	1519.9	4217.6	66526.1	3367.0	3367.0	1992	1992	1992	1992	1993	1993	1993	1993
137.1	1519.9	4217.6	66526.1	3367.0	3367.0	1992	1992	1992	1992	1993	1993	1993	1993
141.6	1589.5	1473.3	71719.9	3367.0	3367.0	1993	1993	1993	1993	1994	1994	1994	1994
141.6	1589.5	1473.3	71719.9	3367.0	3367.0	1993	1993	1993	1993	1994	1994	1994	1994
146.1	1659.4	1219.4	72939.3	3367.0	3367.0	1994	1994	1994	1994	1995	1995	1995	1995
146.1	1659.4	1219.4	72939.3	3367.0	3367.0	1994	1994	1994	1994	1995	1995	1995	1995
150.6	1739.0	953.9	73893.2	3367.0	3367.0	1995	1995	1995	1995	1996	1996	1996	1996
150.6	1739.0	953.9	73893.2	3367.0	3367.0	1995	1995	1995	1995	1996	1996	1996	1996
155.1	1808.4	641.0	74534.3	3367.0	3367.0	1996	1996	1996	1996	1997	1997	1997	1997
155.1	1808.4	641.0	74534.3	3367.0	3367.0	1996	1996	1996	1996	1997	1997	1997	1997

U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines		U.S. Airlines	
Year	Ann.	Ann.	Cum.										
1965	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
1966	244.3	244.3	244.3	244.3	244.3	244.3	244.3	244.3	244.3	244.3	244.3	244.3	244.3
1967	1015.7	1015.7	1015.7	1015.7	1015.7	1015.7	1015.7	1015.7	1015.7	1015.7	1015.7	1015.7	1015.7
1968	1769.4	1769.4	1769.4	1769.4	1769.4	1769.4	1769.4	1769.4	1769.4	1769.4	1769.4	1769.4	1769.4
1969	2147.7	2147.7	2147.										

Development Cost - MFIR

Airlines Position Cost	U.S. Airlines				U.S. Airlines				U.S. Airlines				
	Total Operating Cost	Ann.	Cum.	Ann.	Cum.	Revenues	Total Outlay	Ann.	Cum.	Ann.	Cum.	Ann.	Cum.
57.6	57.6	0.	0.	57.6	57.6	0.	0.	-57.6	-57.6	31.1	31.1	31.1	31.1
244.3	244.3	259.3	259.3	1015.7	1260.1	244.3	0.	410.8	410.8	100.9	132.0	100.9	132.0
291.7	291.7	931.7	931.7	1481.9	2741.9	1073.7	1494.6	-604.9	-186.7	544.9	677.0	544.9	677.0
176.1	176.1	712.1	712.1	1958.3	4709.2	1782.8	3267.3	-408.2	-1257.3	777.1	1454.1	777.1	1454.1
255.2	255.2	1165.2	2147.7	7021.5	2329.7	5597.1	-175.5	-1432.8	1045.2	1235.0	2499.2	1045.2	2499.2
3357.3	3357.3	1535.4	3633.1	2350.8	2901.3	9922.3	3121.0	8718.0	-21.1	-1453.9	3734.2	3734.2	3734.2
4207.2	4207.2	2053.2	2748.1	3482.7	13435.0	4010.5	12728.6	527.8	-1234.2	1511.1	5245.3	1511.1	5245.3
527.5	527.5	2621.4	3357.4	3945.5	17340.4	4673.6	17412.2	728.2	-706.4	1354.7	7100.0	1354.7	7100.0
5151.9	5151.9	3061.1	11428.2	3567.4	4275.1	21525.5	2146.0	22548.3	871.0	2268.7	11459.1	2268.7	11459.1
6721.2	6721.2	3367.4	1047.1	4541.7	26137.2	5522.9	28071.1	981.1	1873.9	2414.2	13873.4	2414.2	13873.4
8731.2	8731.2	3261.1	22368.4	4912.8	31116.0	5057.0	34128.1	1154.2	3028.1	2604.9	16478.2	2604.9	16478.2
9644.9	9644.9	4272.2	25641.1	5190.9	36220.9	6531.9	40659.0	1340.0	4368.1	2755.2	19233.5	2755.2	19233.5
10462.4	10462.4	4596.4	31237.4	5408.9	41637.7	1027.1	47696.0	1018.2	5986.3	2869.9	22103.3	2869.9	22103.3
10732.2	10732.2	4930.1	36227.4	5262.9	46705.6	7629.7	55315.7	2363.8	8350.1	2788.7	24892.0	2788.7	24892.0
11214.0	11214.0	5353.9	41281.3	5629.7	52595.3	8183.9	63499.6	2554.2	10904.3	2979.1	27871.1	2979.1	27871.1
11287.4	11287.4	5810.2	47331.2	6185.0	58631.3	3984.7	72334.3	2798.6	13762.9	3223.5	31C94.6	3223.5	31C94.6
11524.1	11524.1	5540.1	52932.4	5805.2	64436.6	8473.8	80858.1	2668.6	16371.5	3075.8	34170.4	3075.8	34170.4
11795.5	11795.5	5C97.8	58130.2	53330.1	69225.7	7811.0	88669.1	2471.9	18843.4	2843.7	37014.0	2843.7	37014.0
12013.8	12013.8	4644.3	62674.2	4862.7	74638.4	7101.9	95771.0	2239.2	21082.6	2575.6	39589.6	2575.6	39589.6
12207.2	12207.2	4274.8	65949.3	4470.2	79154.5	6554.9	102325.9	2084.8	23167.4	2385.7	41975.4	2385.7	41975.4
12381.6	12381.6	3747.3	75036.6	3910.6	83279.2	5763.7	108C99.6	1844.1	25011.5	2109.6	44085.0	2109.6	44085.0
12531.0	12531.0	3188.9	73d35.2	33339.3	86416.4	4874.1	112963.8	1535.9	26547.3	1766.0	45851.0	1766.0	45851.0
12657.4	12657.4	2749.1	75034.5	2875.5	89231.9	4211.0	117174.8	1335.5	27882.9	1530.3	47381.3	1530.3	47381.3
12761.8	12761.8	2442.5	77077.2	2545.9	91337.5	3738.5	120913.4	1192.7	29075.6	1352.1	48733.3	1352.1	48733.3
12841.3	12841.3	2198.8	81275.2	2279.2	94117.1	3361.8	124275.3	1082.6	30158.2	1206.5	49939.9	1206.5	49939.9
12892.7	12892.7	1849.2	83125.1	1906.6	96023.7	2827.7	127103.0	921.1	31079.3	1009.6	50949.5	1009.6	50949.5
12933.2	12933.2	1538.1	94653.2	1572.5	97596.2	2353.8	129456.8	781.3	31860.6	834.4	51783.9	834.4	51783.9
12944.7	12944.7	1213.9	85876.7	1225.4	98421.6	1857.6	131314.4	632.2	32492.8	649.9	52433.8	649.9	52433.8
12944.7	12944.7	3222.2	96637.1	820.2	99541.8	1255.0	132569.4	434.9	32927.6	434.9	52868.6	434.9	52868.6

U.S. Interest in
SST ProgramNet
Cash FlowsAnn.
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