AIR TRANSPORT

1971

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THE ANNUAL REPORT OF THE U.S. SCHEDULED AIRLINE INDUSTRY PUBLISHED BY THE AIR TRANSPORT ASSOCIATION OF AMERICA, WASHINGTON, D. C. 20036

1970 AT A GLANCE

TRAFFIC	1970	1969	Per Cent Change	FINANCIAL	1970	1969	Per Cent Change
Passengers Enplaned (000)	169,668	171,894	(1.3)	Passenger Revenues (\$000)	7,611,709	7,119,990	6.9
Revenue Passenger Miles (000)	131,719,194	125,414,212	5.0	Freight Revenues (\$000)	715,798	648,029	10.5
Available Seat Miles (000)	264,903,858	250,845,906	5.6	Total Operating Revenues (\$000)	9,273,426	8,792,317	5.5
Passenger Load Factor	49.7%	50.0%	(0.6)	Total Operating Expenses (\$000)	9,213,475	8,400,387	10.0
Freight Ton Miles (000)	3,407,650	3,246,326	5.0	Net Operating Income (\$000)	59,951	391,931	(84.9)
U.S. Mail Ton Miles (000)	1,470,176	1,334,535	10.2	Net Profit (Loss) (\$000)	(178,930)	52,752	
Express Ton Miles (000)	106,521	109,465	(2.7)	Rate of Return on Investment	1.5%	3.2%	(53.1)
Cargo Ton Miles (000)	4,984,347	4,690,326	6.3	Passenger Yield	5.78¢	5.68¢	1.8
Total Revenue Ton Miles (000)	20,186,627	19,989,378	1.0	Freight Yield	21:01¢	19.96¢	5.3
Total Available Ton Miles (000)	44,265,063	42,779,192	3.5				
Ton Mile Load Factor	45.6%	46.7%	(3.4)				
Average Daily Scheduled Flights	13,977	14,737	(5.2)				

1971—THE AIRLINES START THEIR TURNAROUND



STUART G. TIPTON
President
Air Transport Association
of America

The year 1970 was, for most airlines, a year of serious financial depression. This year's Facts & Figures will discuss in some detail the reasons for the airlines' dismal performance and describe steps being taken by the industry to help them return to profitability.

Last year concern was expressed that as airline profits dipped, deterioration of earnings would jeopardize the re-equipment program and with it "a large and significant portion of the nation's economy."

Earnings did deteriorate and with it came the first symptoms of the deterioration: \$120 million worth of aircraft were cancelled, delivery of other orders were stretched out and options on at least 16 new aircraft were not picked up.

What went wrong in 1970?

An economic recession hit the U.S. and just at the time the airlines brought in, on a schedule set up some years ago, additional capacity. Much of the capacity was accounted for by the new Boeing 747 along with a number of stretched versions of the workhorse B-727. At the same time that these trends bumped into each other, the cost of everything that the airlines buy went zooming up at a rate even faster than the inflation rate of the nation as a whole.

The most serious cost problem for the industry has been labor, which accounts for almost one-half of airline costs. Average wages shot up last year by about 15 per cent—among the highest increases in all industry. This fact, along with the rapidly rising costs of items such as fuel, landing fees and interest rates, resulted in an overall inflation rate for the airlines of about 9 per cent, almost twice the national average.

And while airline costs were going through the roof, the average price paid for an airline ticket was lower than it was 10 years earlier, having declined

steadily in the 1962-1968 period. Clearly this could not continue and, in 1969, a couple of small fare increases were approved by the Civil Aeronautics Board. Despite these increases, airline profits continued to fall. During 1970, however, the CAB was engaged in the Domestic Passenger Fare Investigation and denied additional general fare increases pending completion of the investigation in April, 1971. The result was that the industry recorded the largest losses in its history in 1970.

Mixed into this witches' brew of problems was the expanding role of the supplemental airlines whose loosely monitored competition for traffic which would have flown on the scheduled airlines resulted in unprofitable payloads for the scheduled carriers.

The scheduled system cannot stand erosion of prime markets. One cannot have it both ways. The nation's air transportation policy cannot permit diversion of substantial numbers of what otherwise would be individually ticketed passenger traffic from a scheduled system and still maintain a day-in-day-out system available when the traveler needs to fly.

Beset with these problems, the airlines took steps to cut costs by cutting back on service and with it thousands of airline jobs. By the end of the year, more than 12,000 airline employees had been furloughed.

It has been many years since the airlines have found it necessary to cut back on their schedules. The last time—for different reasons—was in the early years of the first jet age in the early sixties when larger jet aircraft replaced smaller piston and turboprop planes. But even in these days the overall available seat mile count was up. Not so today. Now the airlines have cut some 700 daily flights from their schedules and, for the first time, the number of available seat miles is actually

down. For the last six months—the last quarter of 1970 and the first quarter of 1971—available seat miles of the domestic trunks were down 0.5 per cent from the previous period.

Facts & Figures spells out in some detail what the airlines are doing to cut costs and restore themselves to profitability, and to continue to not only maintain, but expand, service to the public.

But that's for the airlines part. What is needed is for the government to do its part.

At the Senate Commerce Committee hearings earlier this year on the state of the air transportation industry, I proposed a program designed to clear the way to allow the airlines to fly their way out of their economic doldrums. The key points that will improve the industry's earnings position are:

- Airline management should be given more flexibility in adjusting price.
- New machinery must be developed to settle labor/management disputes in basic transportation systems, at less cost to the parties and with less inconvenience to the public.
- Regulations designed to maintain the distinct roles between the scheduled airlines and the supplemental air carriers should be strictly enforced. In addition, rates for charter service should be investigated to determine whether they are at an appropriate level.
- Troublesome conflicts between federal and state regulation of common carrier air transportation should be eliminated through appropriate clarification, by the courts or Congress, of federal preemption to the extent necessary.

• The vast purchasing power of the federal Government should not be used to achieve special reduced-rate pricing for air transport services. The airlines should also be assured the opportunity to once again share in the transport of military cargo.

The short-term outlook for the airlines is not encouraging. Our best estimate is that the industry will again lose money in 1971. But 1972 should be the turnaround year and it is expected that profits will start to grow again for the airlines—though still far below the CAB's allowable rate of return.

With all of the gloomy news of 1970, it is easy to forget some of the positive aspects of air transportation today. The industry's plant—its multi-billion dollar fleet of new jet aircraft—is as new as tomorrow. No other major industry re-equips itself at the rate of the airlines and this re-equipment will continue with billions of dollars worth of new advanced technology aircraft to be delivered over the next three years. Another positive aspect of 1970 was the airlines' outstanding safety record—by far the best in the history of the industry.

The airlines have come out of the doldrums in 1970 a lot leaner than they went in. The 747 introductory costs are largely behind them, and the aircraft has surpassed every expectation. As the economy begins to rise and as the full effect of the 1971 fare increases begin to be felt, the airlines will be in an excellent position to turn their added revenues into profits and to continue to expand and improve air transport service.

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1970 IN REVIEW

Inflationary pressures, combined with poor traffic growth, resulted in the heaviest losses ever for the airlines.

Powerful economic forces both within and without the industry combined in 1970 to give the scheduled airlines the worst financial results in their history. But the sting of their heavy losses was lessened, at least in part, by some bright spots—most notably an outstanding safety record and the very successful introduction of the Boeing 747, the first of the new wide-bodied, advanced technology jets.

Total scheduled airline traffic, as measured by overall revenue ton miles flown in all services, gained only 1.0 per cent in 1970, compared with an average growth rate in the sixties of 16.6 per cent, and airline financial statements this year show in 1970 the largest losses ever for the industry—\$179 million. These losses caused the rate of return on investment to fall to its lowest level in history-1.5 per cent—certainly nowhere near the 12.0 per cent the Civil Aeronautics Board (CAB) has said to be fair and reasonable. And, so far in 1971, these trends seem to be deepening: traffic on domestic routes is declining and the 12 major carriers have reported losses of over \$100 million for the first quarter of 1971.

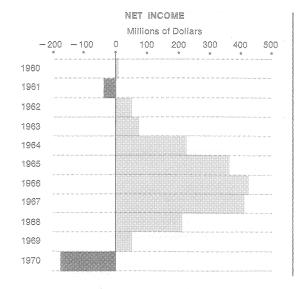
There are a number of significant trends that went into these results.
These include:

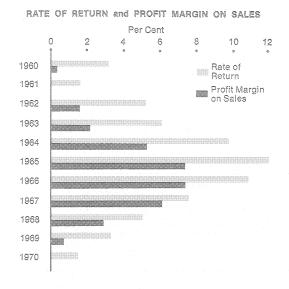
- Traffic Decline. The national economic recession that began last year and is continuing into this year slowed domestic passenger traffic growth almost to a halt in 1970. In fact, beginning in August, passenger traffic on the domestic trunk carriers has actually declined each month from the level of the same month in the previous year. This trend has continued throughout the first quarter of this year, with domestic trunk traffic showing a decline of 2.4 per cent from the first quarter of 1970.
- Inflationary Pressures. Inflation continued to plague the airline industry at a rate of about 9 per cent in 1970 over 1969, almost double the national rate of inflation. The major portion of this inflationary pressure came from labor settlements which increased airline wages by some 15 per cent in 1970.

• Inadequate Fares. Airline fares have not kept pace with the rising cost of offering service to the public. The average yield, or revenue per revenue passenger mile, in 1970 increased only 1.8 per cent over 1969 and was 5.9 per cent lower than it was 10 years earlier in 1960. In the fourth quarter of 1970, the yield was lower than in the fourth quarter of 1969 despite some selective fare increases.

On April 12, 1971, the CAB released its decision in the passenger fare phase of the Domestic Passenger Fare Investigation, granting an immediate across-the-board 6.0 per cent increase in domestic fares and a possible additional 3.0 per cent rise to come later. This increase, while welcome, is still well below the increases sought by the carriers.







• Competition. Increased competition from other classes of carriers has eroded the traffic of the scheduled carriers to the point where they are no longer able to make a profit on many of their most lucrative routes to support service on losing routes that must be served in the public interest. This is especially true in international service where the supplemental airlines have taken the lion's share of the peak season traffic on a number of peak routes with no obligation to provide regular, dependable service.

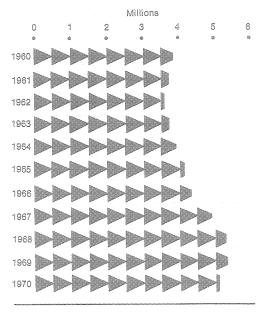
Extensive Cost Cutting Measures

In response to these adverse forces, the industry initiated early last year, and is still continuing, a number of steps to improve its economic situation. Some of the most important ones include:

• Schedule Reductions. Many carriers are cutting flight schedules to eliminate unprofitable flights and reduce uneconomic competition. This began in the second half of 1970 on a unilateral basis and by May, 1971, there were 5.2 per cent fewer domestic flights scheduled than there were in May, 1970, meaning that some 700 daily flights have been eliminated. In March of this year, the CAB agreed to permit the carriers to meet and discuss reducing flights on mutually acceptable routes. The first meeting was held in late March and 21 routes were agreed upon and submitted to the CAB for approval. If the CAB approves the discussion of these routes, the carriers serving them will meet to plan actual capacity reductions on them.

Revenue Aircraft Departures

U.S. Scheduled Airlines



Daily Scheduled Departures in U.S. (50 States) U.S. Scheduled Airlines

Thousands

0 10 11 12 13 14 18

DEC

JAN

MAR

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MAY

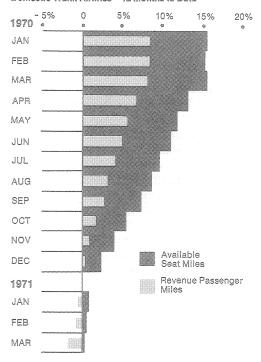
- Equipment Order Reductions and Delays. Another step towards curbing capacity has been the cancelling and stretching out of orders for new flight equipment by some carriers. These airlines have found that it is more economical to forfeit some penalty payments and cancel a new aircraft than to take delivery of and operate one that current traffic trends indicate will not be needed.
- Employee Layoffs. Extensive layoffs of airline employees have resulted in industry employment actually being reduced in 1970 from 1969 levels for the first time in 10 years. So far, 12,000 employees have been furloughed and more cuts are expected.
- Elimination of "Frills". Many carriers are now cutting down on some of the "extras" to which airline passengers have become accustomed. Gone now on many flights are such amenities as cocktail snacks, meals at off-mealtime hours and movies on morning flights.

Best Year Ever in Safety

Early this year, the Chairman of the National Transportation Safety Board, John H. Reed, said: "By almost any statistical yardstick, 1970 was a truly remarkable year in aviation safety." The scheduled airlines in 1970 had a safety rate of .001, marking the first time that the rate was below .01. In scheduled domestic service, there were no passenger fatalities and in all operations there was only one fatal passenger accident and two passenger fatalities.

Per Cent Change in Revenue Passenger Miles and Available Seat Miles

Domestic Trunk Airlines-12 Months to Date



There are a number of reasons for this outstanding safety performance by the carriers. One of the most important is the sustained major effort the airlines have made over the years to improve the quality of flight crew training, especially the use of simulators with visual attachments for most hazardous maneuvers. Also, the latest in educational practices and theories have been applied to airline training techniques and the ground school for 747 training, in particular, incorporated the most sophisticated refinements in training.

Another important contribution to airline safety has been the effort to measure, improve and control runway friction to reduce aircraft skidding and hydroplaning. Runway grooving has been the most visible of these efforts but other improvements have included the setting up of snow and ice committees at airports to measure accumulation on the runway and decide if it should be shut down, experimentation with urea to prevent ice formation and the use of devices on runways that can collect data on braking action.

Also contributing to the excellent airline safety record is the engine reliability program—a process whereby measurements are made, in flight, on the temperature, speed and other performance characteristics of an engine. This enables a constant monitoring of the health of the engine and gives airline engineers the ability to predict where problems are going to occur and stop them before they happen, even before the flight crew is aware of them.

It is notable that this outstanding safety year coincided with the year of the introduction of the Boeing 747 into passenger service. This aircraft turned in such an excellent performance in its first year of service that the National Aeronautics Association awarded its manufacturer and the airline that first put it into service the coveted Collier Trophy. This trophy is the single award of the aviation and aerospace community for "the great achievement in aeronautics or astronautics in America with respect to improving the performance, efficiency or safety of air or space vehicles, the value of which has been thoroughly demonstrated by actual use during the preceding year."

Progress in Reducing Jet Pollution

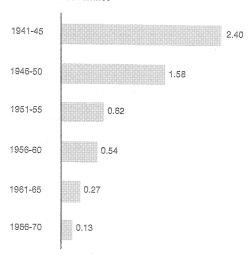
Although the airline contribution to air pollution is relatively small, about 1.2 per cent of all emissions nationwide, the industry initiated, in 1965, a program to reduce and eliminate even that small amount. There are two different approaches to the problem. The first is the phasing into airlines fleets of the virtually smoke-free advanced technology jets—the 747, DC-10 and L-1011. The reduction of smoke was designed right into the engines of these aircraft and the airline investment of \$5.5 billion in this kind of aircraft is an investment in a cleaner environment.

The other approach has been to retrofit the engines on aircraft already in the fleet. Presently, the program is focused on the JT8D engine which

Airline Safety

Passenger Fatalities Per 100 Million Passenger Miles—5 Year Averages

U.S. Scheduled Airlines



powers the DC-9, B-727 and B-737 aircraft. These aircraft account for more than one-half of the airline fleet and, because they are short- and medium-range aircraft, make many more takeoffs and landings than do the long-range B-707 and DC-8. Due to these factors, the JT8D engine accounts for about 70 per cent of all jet engine smoke, according to an estimate by the National Air Pollution Control Administration.

A modified combustion chamber for the engine was developed by its manufacturer, Pratt and Whitney, and after extensive testing by the Federal Aviation Administration and the airlines for safety and efficiency was certificated for scheduled service. In January, 1970, the airlines agreed to begin retrofitting their JT8D engines with the combustors and to have the program "substantially complete" by late 1972. At the end of the first quarter of 1971, the airlines had already retrofitted approximately one-third of the JT8D engines in their fleets.

Fuel Venting -

Another pollution problem the industry confronted during the year was that of fuel venting. This involves a small amount of unburned fuel that collects in reservoirs inside the engine cowling when an engine is shut down. The fuel remains there until takeoff when it is automatically expelled at about 2,000 feet and 200 knots airspeed. The amount of fuel for each engine varies from one to three pints

and studies have shown that fuel dumped in flight at speeds above 100 knots will be fully evaporated within 200 feet below the aircraft.

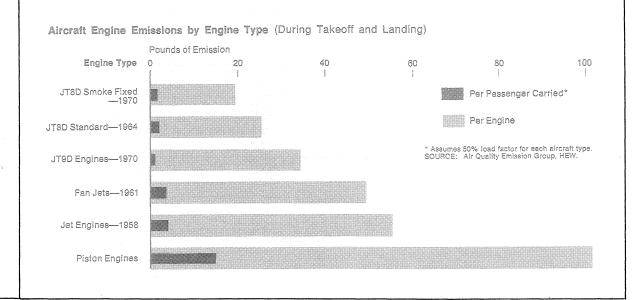
In order to eliminate this small amount of pollution, the carriers are now evaluating a system whereby a drain valve is capped and the fuel remains in the engine instead of draining into the reservoir. The program began in February, 1971, and evaluation should be finished in September of this year. In the meantime, the airlines have instructed the manufacturers to continue research on other ways of disposing of the fuel in the reservoir in case the fuel drain method does not work out in testing.

Airports and Airways

Another significant event for the industry in 1970 was the passage of the

Airports and Airways Development
Act of 1970 which was signed into law
last May. The act created the
Airports/Airways Trust Fund which
collects taxes from the users of
the aviation system— primarily airline
passengers and shippers—through
ticket and waybill taxes. The fund is
expected to generate \$600 million
in its first year—funds which are to be
spent for "catch-up" airports and
airways facilities.

Now, however, this fund is being threatened from two different sides. First, the \$280 million that the Congress, in passing the bill, had intended would be spent for airport development, has not been appropriated. Instead only \$124 million has been appropriated for that purpose so far this fiscal year. But, an even more serious threat to the needed development of an adequate aviation system is the Administration's



transportation revenue sharing proposal that would distribute to the states and localities all of the money in the Aviation Trust Fund and all other transportation trust funds, except those for the completion of the Interstate Highway System. This money would be earmarked for transportation facilities but with no provision that any of it be used for aviation facilities.

Airline Re-equipment Program

In January,1970, the age of the wide-bodied jet began when the airlines introduced the Boeing 747 into scheduled service. By the end of the year, the airlines had taken delivery of 78 of these aircraft. 1971 will see the delivery of most of the remainder of the airlines' orders of 747s—17 more will come into service later this year, leaving only 6 to be delivered in later years.

Just as 1970 was the year of the 747, 1971 will be the year of the McDonnell Douglas DC-10. This new trijet will join its wide-bodied companion in scheduled service sometime in the fourth quarter of this year with 12 expected for delivery. The other entry in the wide-bodied jet market, the Lockheed L-1011, is expected to begin service sometime in 1972, somewhat later than originally expected, due to the bankruptcy in February, 1971, of Rolls Royce, the manufacturer of the engines for the aircraft.

All of these new aircraft represent an investment of \$3.5 billion in the years 1971 through 1974 in flight and ground equipment. It is interesting that of a total of 202 aircraft on order by the carriers, 97 per cent of them are for the wide-bodied jets and after the end of this year, the airlines will have no smaller, first generation jets on order.

Aircraft delivered during 1970 totaled 128, including 74 747s and in the first 5 months of 1971, the airlines have taken delivery of 29 more new aircraft. The total value of these aircraft delivered in the past 17 months was \$2.0 billion.

In addition to these subsonic aircraft on firm order, the airlines also have placed orders for 38 British-French supersonic Concordes which have an approximate value of \$760 million. Thus, the airline industry investment in subsonic and supersonic aircraft totals more than \$4.0 billion.

An interesting aspect of the airline re-equipment program is the dwindling of the number of different types of aircraft, both on order and in the fleet. This means that the airlines are gradually standardizing their fleets to just a few types of aircraft. This standardization allows an airline far greater efficiency in almost all areas of its operation—crew training, supplies of spare parts, ground facilities and maintenance.

AIRLINE COSTS — A MOUNTING PROBLEM

The inflation rate for airline costs in 1970 was 9.0 per cent, almost twice the overall national rate.

In 1970, the scheduled airline industry lost a total of \$179 million, marking only the third year since the end of World War II that the industry did not turn a profit. The rate of return on total investment fell to its lowest

Unit Operating Profits

U.S. Scheduled Airlines

Cents Per Mile

level ever—1.5 per cent which is nowhere near the 12 per cent rate of return that the CAB has said is "fair and reasonable."

This year's poor financial results represent the coming together of a number of trends in airline economics that began as far back as 1967 when industry profits began to drop off from their 1966 all-time high of \$427 million. The basic problem is that airline costs have, despite stringent cost-cutting, continued to be very difficult to control. These costs, and the industry's poor traffic growth, were primarily responsible for such heavy losses.

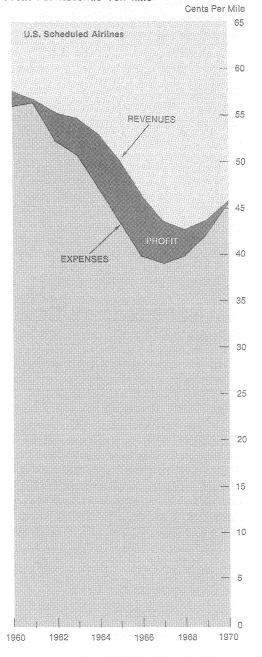
An indication of the extent and severity of the industry's financial problems is contained in a survey in the April, 1971 issue of the First National City Bank's Monthly Economic Letter. In it, the earnings of 64 industries were listed and the airline industry was the only one, out of all 64, to show a net loss for the year as an industry group.

Unit Costs

One measure of an industry's financial health is the trend of profits per unit of production—in the airlines' case, per available ton mile (ATM) flown. In 1970, the airline industry posted a profit margin per available ton mile of less than two-tenths of a cent—the lowest ever.

This came about because operating revenues per ATM, despite some modest increases in passenger and freight rates, have stayed at a level that is far below that of 5 and even 10 years

Unit Revenues, Expenses and Operating Profit Per Revenue Ton Mile



ago. This drop in revenue per ATM had been steady until 1969 when it reached its lowest level in over 20 years. In 1970, it rose only slightly.

At the same time, the expense per revenue ton mile dropped sharply from 1959 to 1967 when it bottomed out and for the next few years stayed at approximately the same level. In 1969, it began for the first time in 10 vears to rise. The reason for this bottoming out and then rise in unit costs was that the carriers, by 1967 were almost fully jet equipped with aircraft in a range of sizes, each best suited to the needs of the route it served. This substitution of less efficient piston and jetprop aircraft with the more efficient iet aircraft had, throughout the sixties allowed the carriers to reduce unit operating costs substantially. However, once this re-equipment program was pretty well completed, the carriers could no longer enjoy the same rate of savings and cost reductions to offset inflationary pressures. Consequently expenses per ATM flattened out and then began to rise.

These increasing unit costs have now come so close to unit revenues that the industry's operating profit is now only a very small fraction of a cent.

Labor Costs

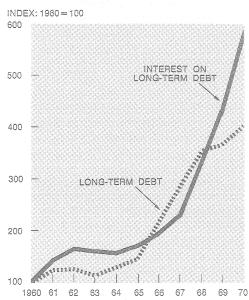
Just about one-half of the airline expense dollar goes for wages, salaries and employee benefits. Not only are these costs increasing faster than most other airlines costs, they are increasing faster than the average national growth rate in employee costs.

In 1970, the average rate of inflation of all costs for the 12 major airlines was about 9 per cent. This 9 per cent represents an average between a 15 per cent rate of increase in wages and salaries, including fringe benefits, and a 5 per cent rate of increase in all other cash operating expenses.

The average annual wage of an airline employee in 1970 was \$12,300 some \$4,800 above the average annual wage of employees in all private industry. Even taking out management and pilots, the average airline employee last year earned more than \$9,500, still over \$2,000 per year more than the national average for all employees.

Rise in Long-Term Debt and Interest on Long-Term Debt

U.S. Scheduled Airlines



Not only are airline employees paid more than those in private industry, but their wages have been increasing and still are increasing at a faster rate. Between 1965 and 1970, airline employees' salaries increased at an annual rate of 8.1 per cent, while their counterparts in private industry got annual increases of 5.6 per cent. And these kinds of wage pressures on the airlines are going to accelerate in the future, rather than lessen, if the major contracts negotiated in 1970 with some of the most important unions representing airline employees can serve as any kind of indicator. These settlements looked like this:

Average Annual Wage Increase Over Life of Agreement Major Contracts Negotiated in 1970

Classification	Number of Carriers	Annual Average Increase-Weighted Average
Clerical/Agent	5	12.5%
Dispatcher	4	8.7
Mechanic	7	11.4
Stewardess	8	8.8

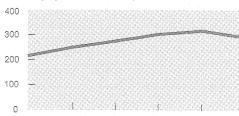
Other Airline Costs

There are other factors along with labor costs which have had an adverse effect on airline cost trends. While these are often difficult to measure, it is possible to get some indication of how rapidly these other costs have been rising.

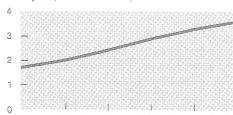
• Jet Fuel. Fuel is, of course, a very basic cost to the airline industry and accounts for one of the largest single operating cost items after labor costs. In late 1970, the price of jet fuel was raised by 6.2 per cent per gallon, an

Airline Employment and Payroll U.S. Scheduled Airlines

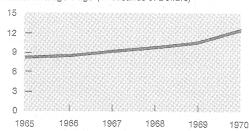
Total Employment (Thousands)



Total Payroll (Billions of Dollars)



Annual Average Wage (Thousands of Dollars)



increase that will add about \$50 million per year to the airlines' fuel costs. And this latest increase has come on top of earlier increases that have raised the price of jet fuel by as much as 12.0 per cent, depending on the type of aircraft.

• Cost of Capital. As the airlines are constantly re-equipping themselves with new and more advanced technology aircraft, a very important expense item for them is the cost of obtaining capital to finance these new equipment purchases. Because of this, interest expense has been one of the industry's fastest growing expenses. In 1970, it totaled \$384 million, a 35.5 per cent increase from 1969 and almost five times the level of 1960.

Another way of raising capital, of course, is equity financing. It has been, however, over the past couple of years, for most large airlines, very difficult for them to raise money in the equity market because of the low prices of airline stocks which would make a stock issue not very attractive or profitable and at the same time dilute the value of stock already held by the company's stockholders.

Historical Cost of Capital

Representative Interest Rates
Paid by Airlines

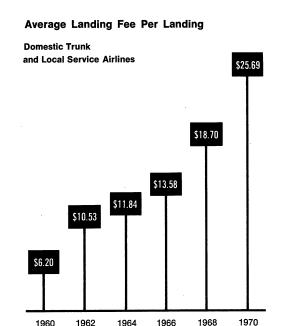
Carrier A	Year 1963 1970	Type of Obligation Obligation Of Interest Promissory Notes
Carrier B	2007	Convertible Debentures 4.00 Installment Payment Agreement
Carrier C	1955 1970 1971	Loan Agreement 4.37 Credit Agreement 7.00 Guaranteed Loan Certificate 11.25

Because of this, the airlines have been almost forced to borrow money to finance new equipment purchases. The only other alternative has been to lease aircraft from financing companies; this has become more and more prevalent and now some \$1.5 billion worth of aircraft are actually owned by and leased from another company. However, with the elimination of the Investment Tax Credit, this form of investment is becoming less and less attractive to the financing companies.

The airlines, over the past five years, have spent about \$11 billion for flight and ground support equipment and much of this has been raised by borrowing at higher and higher interest rates. A sampling of the interest rates that some carriers have paid for capital gives some idea of just how much this expense has been rising for the industry.

This high level of borrowing has had an additional effect, besides causing heavy interest payments, of raising the industry's debt/equity ratio to 66/34 in 1970. This compares to 54/46 in 1965 and is the highest ever.

• Airport Costs. The use of airport space for landings and for passenger handling has also become a more and more expensive item for the airlines. Landing fees paid by the carriers have more than quadrupled over the past 10 years and in 1970 totaled almost \$185 million. This increase has not been due entirely to the use of heavier aircraft and a higher volume of traffic. The cost per landing has gone up rapidly also, even in years when the type of jets used by the carriers stayed basically the



same. In 1960, the domestic trunk and local service carriers paid an average landing fee per landing of \$6.20. By 1965 this had more than doubled to \$12.54 per landing. And in 1970, when the number of scheduled airline operations showed a net decline, the average landing fee was \$25.69, up 19.5 per cent from 1969 and 104.9 per cent from 1965.

On top of landing fees the carriers also pay for rental of space on the airport for passenger terminals, maintenance and overhaul facilities and cargo handling areas. At many airports these rentals are imposed on top of the cost incurred by the carriers themselves for the actual construction of the facilities.

AIRLINE COST CUTTING

To trim their budgets airlines have been cutting flights, laying off employees and taking many other steps aimed at more efficient operations.

Any company or industry that finds itself with heavy losses, continually rising expenses and almost no growth in sales has to take drastic steps to cut everywhere it can to keep costs down. The airlines have been for the past year or so looking more and more closely for ways to cut unnecessary expenses without seriously reducing their level and quality of service to the traveling public. The major steps have been employee layoffs, flight schedule reductions, and the delaying and cancelling of flight equipment orders. Some less visible steps have taken the form of not quite so many services to their passengers and other behind-thescenes cost cutting.

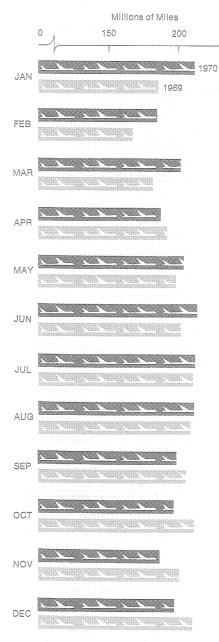
Equipment Cuts

While the airlines are bringing the new generation of advanced technology aircraft into service, they are offering for sale many of their older, first generation jets. This has come about because of the depressed passenger traffic market brought on by the national economic recession which could not have been foreseen three or four years ago when the carriers were making their plans for the seventies. At that time, traffic was growing at annual rates up to and above 20 per cent per year and the national economy was in a seemingly endless boom.

Overall Aircraft Miles

250

U.S. Scheduled Airlines



To handle the growth that everyone was sure was on the way with rising incomes, increasing business activity and more leisure time, the carriers ordered many new and more efficient aircraft that would be able to carry this new traffic without causing any more congestion at airports and in the airways. But, in 1970, this traffic simply did not materialize. Declining corporate profits made businessmen cut back on their out-of-town trips and fears of unemployment and inflation made pleasure and personal travelers put off their flying vacation to another, more prosperous year.

Because of this, airline managements found they had flight equipment on order and flights scheduled that would not be needed in light of current passenger and freight loads. Thus, some carriers have found it more expedient to cancel or "stretch-out" their equipment orders rather than take delivery of unneeded aircraft, as well as to sell their older jets.

Schedule Cutbacks

But most carriers are taking delivery of their new flight equipment and reducing flight frequencies to cut capacity. This has resulted in an unprecedented spate of schedule cutting and a request to the CAB for multi-lateral talks among the carriers to cut competition on key routes.

A close monitoring of flight schedules in the Official Airline Guide gives a clear picture of the impact these cutbacks have had on airline service. Comparing each month from January through May, 1971 with the schedules for the same month of the previous year shows that in each of those five months fewer flights are being offered than were being offered a year earlier.

As table A shows, these cuts have been building until the months of April and May showed decreases of 5.2 per cent in total flights. This trend can be expected to continue, as many carriers have announced that they will not build up their schedules for the summer season as they have in the past. This

is because traffic trends so far in 1971 show domestic traffic declines to be deepening and the growth in international traffic to be lessening from last year. Also, advance bookings for 1971 summer travel indicate that traffic could continue this decline throughout the summer.

Employment Reductions

Another cost cutting step taken by the airline industry in 1970 was the large-scale furloughing of employees. In all, a total of 12,000 employees were laid off during the year and more have had to be furloughed in 1971. Due to the fact that some carriers were still hiring in some areas, while others were affected by strikes, the actual net decline in total employment was

from 312,000 in 1969 to 297,374 in 1970. This figure is low and does not reflect actual total employment because one local service carrier was on strike at the end of the year and one trunk carrier was still in the process of recalling employees after a lengthy strike. However, the remaining carriers showed a net decline in employment of 1.4 per cent.

In addition to furloughing, the carriers have found a number of other ways to keep their employment costs down. Some are hiring part-time or temporary extra help to handle increased summer traffic rather than take on full-time people. Bonuses have been eliminated and merit raises for

Table A

DECLINE IN DAILY SCHEDULED DEPARTURES

(1971 vs. 1970)

	Jai	nuary	Feb	ruary	Ma	arch	A	oril	M	ay
Number of Airports ^a	Decrease	% Change	Decrease	% Change	Decrease	% Change	Decrease	% Change	Decrease	% Change
474 Airports in the 48 Contiguous States	567	-4.1%	614	-4.5%	726	-5.3%	711	-5.2%	698	-5.2%
114 Airports in Alaska and Hawaii	88	-18.0	58	-13.3	70	-15.7	36	-8.5	0	
588 Airports in U.S.—50 States.	655	-4.6	672	-4.8	796	-5.7	747	-5.3	698	-5.0
621 Airports in North America b	646	-4.5	663	-4.7	757	-5.3	735	-5.2	691	-4.9
						·				
23 Large Hub Airports ^c	209	-3.2	300	-4.6	356	 5.5	353	-5.5	366	-5.6
38 Medium Hub Airports ^a	179	-6.0	166	-5.7	192	-6.5	184	-6.3	201	-6.8
415 Other Airports in 48 Contiguous States*	179	-4.3	148	-3.6	178	-4.3	174	-4.2	131	-3.6

a As of December, 1970.

b Includes 33 airports in Canada, Mexico, and Caribbean points.

c Accounted for 48% of departures scheduled in March, 1971.

^d Accounted for 21% of departures scheduled in March, 1971.

Accounted for 31% of departures scheduled in March, 1971.
 Source: Official Airline Guide.

management personnel sharply curtailed at some airlines. At least one carrier has cut top executives' salaries by as much as 15 per cent. Several airlines have taken the rather novel step of giving any employee who will take leave without pay a free ticket to anywhere on its system.

But these employment cuts have not affected the quality of airline service and the main reason for this has been the airline employees themselves. Most of them have pitched in and helped out—by working a little bit of extra overtime, by putting out a bit extra on the job and in many other small but very important ways.

Other Cost Savings

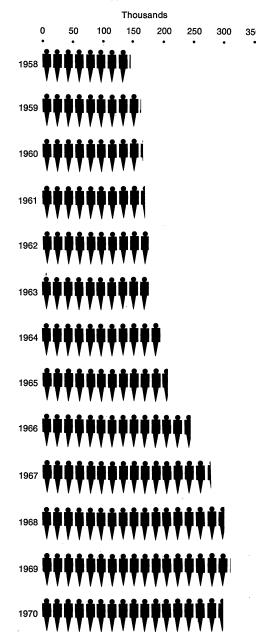
The airline industry is, of course, an extremely competitive one, and because of this the airlines have always been reluctant to cut costs in the area of service to their passengers. But, in looking over their budgets they have found ways in which they could make savings that would not substantially affect the overall quality of the service to the passenger.

Some of these service cuts have included such items as no more fresh flowers on aircraft, fewer snacks with cocktails, reduction in the number of flights receiving meal service, taking movies off morning flights and many other minor changes in passenger and other services.

Cost cutting is also showing up in such areas as advertising, more austere annual reports and employee publications and the consolidation of sales offices and other facilities for greater efficiency.

Total Employment

U.S. Scheduled Airlines



THE SCHEDULED AIR SYSTEM — A VALUABLE NATIONAL ASSET THREATENED

"Scheduled services are of vital importance to air transportation and offer services to the public which are not provided by charter services. Only scheduled services are expected to offer regular and dependably frequent schedules, provide extensive flexibility in length of stay, and maintain worldwide routes, including routes to areas of low traffic volume. Substantial impairment of scheduled services could result in travelers and shippers losing the ability to obtain these benefits. Accordingly, in any instances where a substantial impairment of scheduled services appears likely, it would be appropriate. where necessary to avoid prejudice to the public interest, to take steps to prevent such impairment."

Statement of International Transportation Policy of the United States, June 22, 1970.

Despite the importance placed on the preservation of the scheduled air transport system by this policy statement, recent experience has shown that the scheduled system is being substantially impaired by the inroads of the supplemental airlines into the pleasure travel market to Europe and other parts of the world. These carriers, who have no obligation to provide regular service are supposed, by their very definition, to supplement the scheduled air system.

However, in a growing number of the peak travel markets, especially during the high summer season, these airlines have done much more than supplement the scheduled system. For example, during the 1969 summer season, the supplementals' penetration of some peak markets looked like this:

New York-Rome	39.7%
California-Europe	63.7
New York-Amsterdam	67.4
New York-Frankfurt	68.2

One expert has predicted that in the California-Europe market, the supplementals will carry 90 per cent of the 1971 summer traffic.

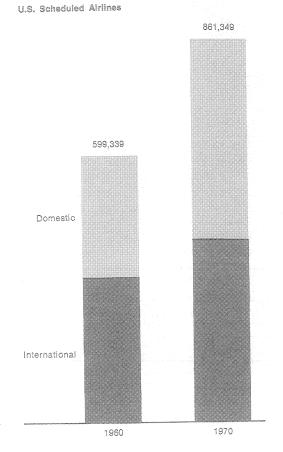
A survey of charter flight passengers by Louis Harris in the summer of 1969 demonstrates that the supplementals are carrying many passengers that would otherwise be on a scheduled airline, not adding to the air travel market.

- The demographics of these passengers were almost identical to those on scheduled flights in terms of income, education and profession.
- They were relatively experienced air travelers. Almost all had flown before, more than half had used the scheduled airlines for their previous foreign trips.
- 35 per cent of them would have "certainly" and another 22 per cent would have "probably" taken a scheduled flight if they had not been able to get a charter flight.

 Over 80 per cent planned to travel individually in Europe rather than with a group.

These results are quite contrary to the supplementals' assertion that they are developing a whole new market of travelers who like to travel in groups with their friends and who cannot afford the scheduled airlines. They are actually

Route Miles Served



raiding passenger markets developed over many years by the scheduled carriers with low promotional and discount fares.

An estimate of the diversion of passenger traffic was made based on the assumption that at least one-half of the passengers carried by the airlines would have used the scheduled airlines if a charter flight had not been available—a fairly safe assumption in light of the Louis Harris survey results. Based on that figure, the two U.S. scheduled trans-Atlantic carriers lost more than \$50 million in revenues in the 12 months ended June 30, 1970, due to diversion by the supplementals.

The fact is that the supplementals are skimming the cream off of the scheduled systems' traffic. The scheduled airlines must have good loads and heavy traffic on the peak routes in peak seasons to support their low season and low volume services which, as the policy statement made clear, they are expected to provide. The effect of the erosion of the scheduled system by the supplementals is to take away the profit from these routes that make possible the provision of the unprofitable services. throwing off the balance of the whole scheduled system built up through the years.

AIR FARES — STILL A CONSUMER BARGAIN

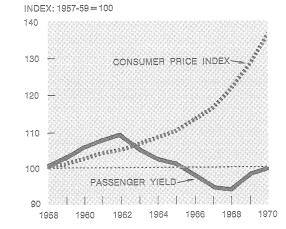
Despite some recent increases, airline rates still lag far behind other consumer prices and have helped hold down the cost of travel.

As the cost of just about everything the consumer buys goes up and up, air travel remains one of the best bargains in the consumer's market basket. And because it is such a bargain, it has helped keep down the cost of travel by counterbalancing the rising costs of all other elements in the travel market—hotel costs, restaurant costs, local transportation fares and many tourist attraction admissions.

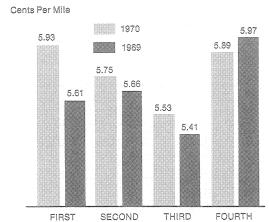
In 1970, the average fare paid by a passenger on a U.S. scheduled airline per mile, or the average revenue per revenue passenger mile, was actually 5.9 per cent lower than it was in 1960. This happened because, although the basic fare for a coach or first class ticket has gone up, more and more people have been taking advantage of the many discount fares offered by the airlines—such fares as Discover America, Family, Excursion, Youth and Military Standby and Visit USA (for foreigners) fares. The use of these fares has become so widespread that, during peak travel seasons, almost one-half of all airline passengers are flying on some kind of discount

U.S. Scheduled Airlines

Airline Fares and Consumer Prices



Quarterly Passenger Yield



fare, and paying, on the average, 35 per cent less than the full-fare passengers.

Another way of showing what a bargain air travel is, is to compare the trend of air fares with the Consumer Price Index. Using the average passenger yield for the 1957-1959 period, exactly as the CPI is constructed, shows that while consumer prices have risen 35.8 per cent since then, the average passenger yield is at just about exactly the same level as it was in 1957-1959.

While it is too early to gauge the effects of the recent selective fare increases in congested markets and the

overall 6.0 per cent increase granted recently by the CAB, it is known that the effect on passenger yield is not as great as the amount of the fare increase. This is because, as fares increase, people often tend to change to a less expensive class of travel. For example, a first class passenger might decide to switch to coach or a coach passenger might decide to stay a few extra (or fewer) days in order to take advantage of some kind of discount or excursion fare. Factors such as these tend to change the "mix" of the air travel market and, therefore, dilute the yield that would have been realized if everyone retained their former travel habits after a fare increase takes effect.

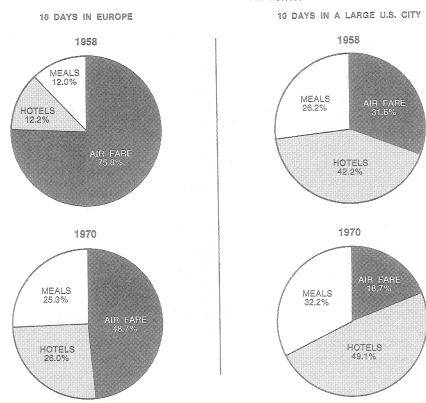
An example of this effect is the fact that, despite some selective fare increases that were already in effect in the fourth quarter of 1970 and, therefore, basic fares were slightly higher than they were in 1969, the passenger yield in the fourth quarter of 1970 actually was lower than in the fourth quarter of 1969. For October through December, 1970, the average yield was 5.89 cents per mile; in the same period of 1969 it was 5.97 cents—1.3 per cent higher.

Because of this fact—that airline passengers are paying less for an airline ticket, on the average, than they were 10 years ago—the cost of taking a trip by air has been held down to a level far below what it would have been had air fares gone up at the same rate as everything else in the travel package. For example, the average trip to Europe by a U.S. citizen in 1970 cost about \$836. But if air fares had gone up at the same rate as hotel rooms and restaurant meals in Europe, that same trip would have cost, instead of \$836, almost \$1700, or twice the actual cost.

Another measure of the role of air fares in holding down the cost of trips by air is the fact that between 1958 and 1970, the per cent of air fare as part of the total cost of a trip to Europe declined from just over three-quarters to just under one-half. Within the U.S. the story is the same—air fares have decreased as a per cent of the total travel package. Since 1958, the air fare has declined from 31.6 per cent of the total package to 18.7 per cent.

Cost of Travel

DISTRIBUTION OF EXPENSES FOR ...



AIRPORTS – AN URGENT PRIORITY FOR THE SEVENTIES

Development of the nation's airport system is not being given the top priority that is urgently needed if it is to meet the needs of the seventies.

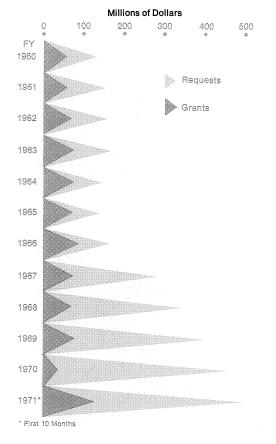
The dramatic slowdown in the rate of airline traffic growth in 1970, along with airline efforts to reduce costs by eliminating unprofitable flights, provided a brief breathing spell from the problems of airport congestion which have been characteristic of previous years.

However, normal traffic growth— just now showing early signs of resumption—underlines the urgency for reducing the tremendous backlog of airport development projects which has been accumulating for many years. Certainly, a return to the growth levels of the sixties could result in unprecedented congestion problems at many of the major airports.

Financing airport development on the local level has become extremely difficult as hard-pressed cities and municipalities are faced with requirements for financing a growing number of public projects. This comes at a time when virtually all of the 23 large hub cities and many of the medium and small hub cities have a demonstrated need for new or expanded airport facilities. Yet despite these needs, there is only one new major airport under construction in the United States at this time—at Dallas-Ft. Worth.

Enactment of the Airports and Airways Development Act of 1970 is an important step towards allowing airport development to keep pace with aviation technology and growth. It is expected that the new user charges imposed by this legislation will make possible considerably higher levels of federal financing for airport modernization and expansion than have been available at any time in the past. However, even this hope

Comparison of Requests for Funds for Airport Development with Funds Actually Granted



is threatened by the Administration's transportation revenue sharing proposal which would give this and other transportation funds back to the states and localities but with no provision that they be used for aviation facilities.

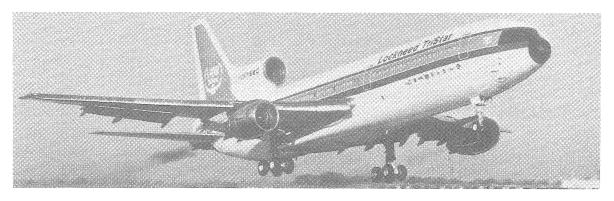
Historically, federal assistance for airport development has been far from adequate; no more than \$75 million has been appropriated in any single year while requests from communities for airport assistance have been growing rapidly each year. Thus, by the end of the decade of the 1960's a backlog of many millions of dollars of urgently required airport development projects was on the books and resulted in a 1969 Congressional finding that the nation's system of airports and airways was inadequate to meet the current and projected growth of aviation. Enactment of the new legislation by Congress in 1970 was widely heralded as a solution to the "airport crisis."

Despite implementation of the Airport Development Aid Program in July, 1970, the backlog of vitally needed airport improvements and expansion has continued to grow. In the first 10 months of the new program, for example, more than 600 requests totalling nearly \$500 million were submitted by communities in need of airport assistance funds while only about 200 requests amounting to about \$125 million were granted.

Continued failure to grant the needed funds for airport development can only result in a congestion crisis in the seventies that will make that of the sixties pale.

AIRPORTS AND AIRWAYS

Active Aircraft in the Civil Aviation					Aircraft Operations	at Airpor	ts With FA	A Cont	roi lower	S .	
Air Carrier	1970	1969	1965	1960				1970	1969	1965	196
Piston	64	120	875	1.413	Ain Campian		10.00	2 004 1	0.000.012	7 010 114	7 164 20
Turbine	2.357	2,283	1.000	429	Air Carrier				0,929,013	7,819,114	7,164,39
Rotorcraft	16	18	21	25	% of Total			18.8	19.4	20.6	27
Total	2,437	2,421	1.896	1.867	General Aviation		41,38	4.006 4	1,956,677	26,572,650	14.826.06
% of Total	1.8	1.8	1.9	2.4	% of Total			74.9	74.6	70.2	57
General Aviation					Military		3,50	3.198	3,346,131	3,478,771	3,783,53
Piston	127,400	124,586	92,556	75,544	% of Total		•	6.3	6.0	9.2	14
Turbine	2,400	2,229	574		·						
Rotorcraft	2,700	2,557	1,503	634	Total		55,28	0,498 5	6,231,821	37,870,535	25,773,9
Other	1,500	1,434	809	371							
Total	134,000	130,806	95,442	76,549							
% of Total	98.2	98.2	98.1	97.6	Markette and Art	4. 6				_	
					Distribution of Airc	•		arge Hu	D Airport	S	
Total	136,437	133,227	97,338	78,416	(in order of enplaned	passengers				1000	
·							——1970* —			1960	
						Air Carrier	General Aviation	Military	Air y Carrier	General Aviation	Milita
Aircraft Hours Flown in Civil Avia	stion				Chicago O'Hare	. 94.5%	5.1%	0.4%	66.8%	⁻ 24.2%	9.0%
All Craft Hours Flown in Civil Avia	ition				Los Angeles		22.2	1.6	74.8	17.6	7.5
Cahadulad Air Carrian					Atlanta		14.1	0.3	72.8	23.5	3.7
Scheduled Air Carrier	E 770 CC4	4.010.000	2 500 115	2 522 076	John F. Kennedy		13.8	0.2	87.3	11.8	0.9
Domestic Service	5,770,664	4,918,028	3,500,115	3,532,876	San Francisco		20.8	1.5	61.9	32.0	6.1
International and Territorial Service	811,013	977,686	571,828	555,529	LaGuardia		20.1	0.2	71.5	28.0	0.5
Total		5,895,714	4,071,943	4,088,405	Dallas		29.8	0.2	56.9	40.9	2.3
% of Total	20.5	18.9	19.6	25.1	Washington National		33.3	0.0	71.6	24.2	4.3
General Aviation	25,500,000 E	25,351,000	16,733,000	12,203,000	Miami		30.8	2.9	52.1	42.2	5.7
% of Total		81.1	80.4	74.9					61.6	28.1	10.3
/6 UI TULAI	75.5	01.1	60.4	74.3	Boston		33.8	0.2		28.0	2.2
Total	32,081,677	31,246,714	20,804,943	16,291,405	Detroit		27.1	2.0	69.9	23.9	1.4
E Estimated	• •			, ,	Newark		23.9	0.1	74.7		
- Estimated					Denver		52.1	0.3	34.3	61.3	4.5
					Philadelphia		29.5	1.0	59.3	31.4	9.3
					St. Louis		37.7	4.8	45.9	52.8	1.3
					Pittsburgh		28.5	7.8	66.4	16.3	17.3
Total II C Airporto EAA Control	Towara and				Minneapolis		36.7	8.8	42.8	33.2	24.0
Total U.S. Airports, FAA Control					Cleveland		54.9	0.3	59.2	39.0	1.8
Points Receiving Scheduled Ai	iriine Service	,			Seattle/Tacoma	67.7	31.5	0.7	69.8	26.8	3.4
					Houston	_ 73.0	26.9	0.1	35.5	58.2	6.2
					Kansas City	57.8	41.8	0.4	45.9	52.8	1.3
Total Airports on Record with FAA	11,340	11,050	9,566	6,881	New Orleans	. 69.0	29.0	2.0	75.8	. 18.9	5.3
Total FAA Control Towers	335	328	292	229	Las Vegas	_ 38.7	56.6	4.6	29.6	66.2	4.2
	333	320	232	223	Total 23 Large Hubs	70.1	28.3	1.7	. 60.5	33.8	5.7
Points Receiving Scheduled					-						
Airline Service	518	524	532	575	* 12 months ended June 3	su, 1970					



AIRCRAFT ON ORDER U.S. Scheduled Airlines (As of June 1, 1971)

Manufacturer	Model	Total on Order	F 1971	or Delivery 1972	In 1973	1974 & beyond
Boeing	B-727	3	3		_	
	B-747	23	17	2	4	_
Douglas	DC-9	3	3			_
	DC-10	85	12	47	22	4
Lockheed	TriStar 1011	88*				_
Total		202				



*Because of the bankruptcy of Rolls Royce, the manufacturer of the engines for the L-1011, in February, 1971, the delivery schedules for these aircraft are not now certain and airline contracts for these aircraft are being renegotiated.

The carriers also have on order 38 of the British-French Concorde supersonic airliner valued at approximately \$760 million. This brings the total airline re-equipment program for subsonic and supersonic aircraft to about \$4.0 billion.

AIRCRAFT IN SERVICE U.S. Scheduled Airlines

Manufacturer	Model	1970	1969	1965	1960	Manufacturer	Model	1970	1969	1965	1960
Boeing:	377				3	Martin:	202	****		13	15
_	B707 (Jet)	399	417	187	91		404	18	37	71	80
	B720 (Jet)	115	127	121	22						
	B727 (Jet)	631	605	168		Nihon:	YS-11 (Turboprop)	21	17		_
	B737 (Jet)	133	132								
	B747 (Jet)	79	1			Nord Aviation:	262 (Turboprop)			5	
British Aircraft Corp.:	BAC 111 (Jet)	59	60	17	****	Sud Aviation:	Caravelle (Jet)		20	20	
Canadair:	CL 44 (Turboprop)	8	9	24		Vickers:	Viscount (Turboprop)	3	3	59	7
Convair:	240		1	55	51	Other:		45	46	75	;
	340/440	6	7	145	148	ouer:		43	. 40	/3	
	540 (Turboprop)				4	Totals:	1				
	580/600 (Turboprop)	142	143	20						m	_
	880 (Jet)	41	41	47	14	Jet -		2,041	1,973	712	2
	990 (Jet)			18		Turboprop		300	310	288	2:
						Piston		80	120	875	1,4
Curtiss:	C-46	6	6	24	42	Total Fixed Wing:		2,421	2,403	1,875	1,8
Douglas:	DC-3		5	140	276				•		
	DC-4			5	52	Helicopters:					
	DC-6	3	7	177	301	Bell:	B47				•
	DC-7	2	10	64	217	4	206 (Turbine)	` 3	3		
	DC-8 (Jet)	257	254	130	75	Sikorsky:	\$51				
	DC-9 (Jet)	327	316	4		olkorsky.	\$55			2	
							\$58	3	3	4	
Fairchild Hiller:	F-27 (Turboprop)	35	36	63	42		S61 (Turbine)	6	8	7	
	FH-227 (Turboprop)	47	53		****		S62 (Turbine)			1	
Lockheed:	Constellation		****	- 36	√75	Boeing Vertol:	V107 (Turbine)	4	4	7	
	Super Constellation		1	70	129		V-44B				
	Electra (Turboprop)	36	40	117	107						
	L-382B/100 (Turboprop)	8	9			Total Helicopters:		16	18	21	

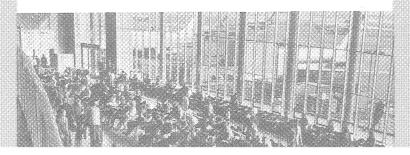
HOW THE AIRLINES RANK - 1970

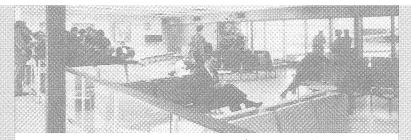
Numbers in parentheses show carrier rank in 1969.

PASSENGERS ENPLANED

System Operations (000)

1.	United (1)	
2.	Eastern (2)	
3.	American (3)	
4.	Delta (4)	
5.	Trans World (5)	
6.	Pan American (6)	
7.	Western (9)	
8.	Braniff (8)	
9.	Allegheny (11)	
10.	Continental (12)	
11.	Northwest (7)	
12.	North Central (13)	3,706
13.	National (10)	
14.	Hughes Air West (15)	
15.	Piedmont (19)	
16.	Northeast (14)	2,507
17.	Frontier (17)	
18.	Ozark (18)	
19.	Mohawk (16)	
20.	Texas International (20)	
21.	Hawaiian (21)	
22.	Southern (22)	1,589
23.	Aloha (23)	
24.	Trans Caribbean (25)	
25.	Caribbean-Atlantic (24)	481
26.	Alaska (26)	453
27.	Wien Consolidated (28)	299
28.	New York Airways (29)	
29.	San Francisco & Oakland Hel. (27)	
30.	Los Angeles Airways (30)	62
31.	Aspen (31)	40
32.	Reeve Aleutian (32)	
33.	Kodiak (34)	
	Chicago Helicopter (36)	
34.	Western Alaska (33)	
35.	Tag (35)	10
	• Committee of the comm	





TOTAL OPERATING REVENUES

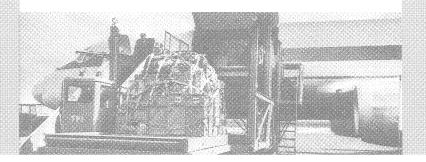
System Operations (000)

1.	United (1)	¢1 501 650
	United (1) Trans World (2)	
2.		
3.	American (4)	
4.	Pan American (3)	
5.	Eastern (5)	
6. -	Delta (6)	
7.	Northwest (7)	
8.	Braniff (8)	
9.	Western (11)	
10.	Continental (10)	
11.	National (9)	
12.	Allegheny (13)	
13.	Flying Tiger (14)	
14.	Northeast (12)	
15.	North Central (18)	
16.	Frontier (16)	
17.	Seaboard (15)	
18.	Piedmont (22)	
19.	Ozark (21)	68,110
20.	Hughes Air West (17)	
21.	Mohawk (19)	
22.	Texas International (23)	
23.	Southern (26)	
24.	Airlift (20)	
25.	Trans Caribbean (24)	47,251
26.	Alaska (25)	
27.	Hawaiian (27)	_ 28,191
28.	Wien Consolidated (28)	21,846
29.	Aloha (29)	
30.	Caribbean-Atlantic (30)	10,518
31.	Reeve Aleutian (31)	5,378
32.	New York Airways (32)	4,130
33.	San Francisco & Oakland Hel. (33)	
34.	Los Angeles Airways (34)	1,322
35.	Aspen (35)	· ·
36.	Kodiak (36)	
37.	Chicago Helicopter (37)	
38.	Western Alaska (38)	
39.	Tag (39)	

Source: Civil Aeronautics Board, *Air Carrier Traffic Statistics*, December, 1970 and Form 41 data submitted to the CAB.

OVERALL REVENUE TON MILES—ALL SERVICES System Operations (000)

1.	United (1)	3,284,987
2.	Pan American (2)	
3.	Trans World (3)	2,635,645
4.	American (4)	2,405,376
5.	Eastern (5)	1,763,014
6.	Delta (7)	
7.	Northwest (6)	754,106
8.	Flying Tiger (10)	737,376
9.	Braniff (8)	690,569
10.	Continental (9)	
11.	Western (13)	
12.	Seaboard (11)	
13.	National (12)	312,676
14.	Airlift (14)	265,627
15.	Northeast (15)	209,138
16.	Allegheny (17)	
17.	Trans Caribbean (16)	
18.	Frontier (18)	. 119,621
19.	Hughes Air West (19)	
20.	North Central (21)	91,551
21.	Piedmont (23)	83,114
22.	Ozark (24)	
23.	Texas International (25)	
24.	Alaska (22)	
25.	Mohawk (20)	
26.	Southern (26)	
27.	Hawaiian (27)	25,876
28.	Wien Consolidated (28)	19,057
29.	Aloha (30)	13,990
30.	Caribbean-Atlantic (29)	11,891
31.	Reeve Aleutian (21)	6,692
32.	Aspen (32)	665
33.	New York Airways (35)	508
34.	San Francisco & Oakland Hel. (34)	
35.	Los Angeles Airways (33)	245
36.	Kodiak (36)	186
37.	Western Alaska (37)	138
38.	Tag (38)	. 111
39.	Chicago Helicopter (39)	_ 22





REVENUE PASSENGER MILESSystem Operations (000)

1.	United (1)	22 767 005
1. 2.	United (1) Trans World (2)	
2. 3.	American (3)	
3. 4.	Pan American (4)	
5.	Eastern (5)	
6.	Delta (6)	
7.	Western (9)	
7. 8.	Northwest (7)	
9.	Continental (11)	
10.	Braniff (10)	
11.	National (8)	
12.	Northeast (12)	
13.	Allegheny (13)	
14.	Frontier (14)	• •
15.	Hughes Air West (15)	
16.	Trans Caribbean (16)	
17.	North Central (18)	
18.	Piedmont (19)	
19.	Texas International (21)	
20.	Ozark (20)	
21.	Mohawk (17)	
22.	Southern (22)	
23.	Alaska (23)	
24.	Hawaiian (24)	224,094
25.	Aloha (25)	130,940
26.	Caribbean-Atlantic (26)	_ 107,436
27.	Wien Consolidated (27)	89,984
28.	Reeve Aleutian (28)	_ 21,452
29.	New York Airways (31)	4,983
30.	Aspen (32)	
31.	San Francisco & Oakland Hel. (30)	
32.	Los Angeles Airways (29)	2,336
33.	Tag (33)	873
34.	Kodiak (34)	
35.	Western Alaska (35)	
36.	Chicago Helicopter (36)	224

TOTAL INDUSTRY	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	196
Passenger Traffic											
Revenue passengers enplaned (000)	169,668	171,894	162,181	142,499	118,061	102,920	88,520	77,403	67,817	63,012	62,25
Revenue passenger miles (000)	131,719,194	125,414,212	113,958,321	98,746,641	79,889,246	68,676,459	58,493,654	50,362,042	43,760,413	39,830,846	38,862,96
Available seat miles (000)	264,903,858	250,845,906	216,445,750	174,818,524	137,844,486	124,319,945	106,315,777	94,844,743	82,611,938	71,856,741	65,567,30
Revenue passenger load factor (%)	49.7	50.0	52.6	56.5	58.0	55.2	55.0	53.1	53.0	55.4	59
Average length of haul (miles)	776	730	703	693	677	667	661	6 51	645	632	62
Cargo Traffic (Ton Miles)—total (000)	4,984,347	4,690,326	4,167,064	3,426,117	2,900,941	2,303,131	1,751,106	1,453,967	1,308,023	1,093,343	943,50
Freight (000)	3,407,650	3,246,326	2,804,878	2,351,108	2,050,735	1,730,295	1,301,487	1,026,533	898,187	732,950	643,46
Express (000)	106,521	109,465	105,153	98,883	99,690	89,859	78,310	70,832	69,924	61,165	59,46
Priority U.S. Mail (000)	606,506	577,029	581,883	567,301	542,771	372,294	289,913	266,402	251,349	223,125	202,00
Nonpriority U.S. Mail (000)	863,670	757,506	675,168	408,825	207,745	110,683	81,396	90,200	88,563	76,103	38,56
Overall Traffic and Service											
Nonscheduled traffic—total ton miles (000).	2,019,836	3,091,192	2,865,022	2,648,005	1,754,930	909,401	582,369	514,169	668,135	423,931	295,60
Total revenue ton miles—all services (000)	20,186,627	19,989,378	18,114,334	15,684,289	12,440,854	9,894,985	8,015,941	6,860,302	6,238,261	5,394,631	5,024,2
Total available ton miles—all services (000)	44,265,063	42,779,192	37,223,333	30,785,135	23,505,292	19,660,993	16,302,481	13,930,752	12,325,910	10,578,367	9,383,5
Ton mile load factor (%)	45.6	46.7	48.7	46.4	52.9	50.3	49.2	49.2	50.6	51.0	53
Scheduled revenue aircraft departures	5,101,462	5,379,125	5,348,110	4,945,947	4,373,318	4,197,584	3,954,083	3,788,362	3,660,147	3,750,482	3,852,9
Scheduled revenue aircraft miles (000)	2,415,333	2,384,888	2,145,972	1,833,563	1,482,486	1,353,503	1,189,135	1,095,058	1,009,784	969,556	997,9
Scheduled revenue aircraft hours	6,581,677	5,895,714	5,521,311	4,924,613	4,233,467	4,071,943	3,774,772	3,606,638	3,491,051	3,654,519	4,088,4

DOMESTIC TRUNK AIRLINES	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
Passenger Traffic		•									
Revenue passengers enplaned (000)	122,866 95,899,744 194,461,931 49.3 781	126,310 89,184,622 178,646,708 49.9 706	118,810 81,611,832 153,864,640 53.0 687	105,854 70,990,141 124,141,624 57.2 671	86,423 56,802,788 97,174,719 58.5 657	76,677 48,986,972 88,731,152 55.2 639	65,963 41,658,368 75,242,408 55.4 632	58,222 36,383,756 67,601,302 53.8 625	51,032 31,827,840 59,736,760 53.3 624	48,352 29,534,792 52,525,014 56.2 611	48,678 29,233,199 49,153,645 59.5 601
Cargo Traffic (Ton Miles)—total (000) Freight (000) Express (000) Priority U.S. Mail (000) Nonpriority U.S. Mail (000)	2,555,646 1,789,701 95,445 344,491 326,009	2,286,847 1,606,225 98,454 296,792 285,376	2,072,466 1,439,161 94,874 285,988 252,443	1,666,721 1,190,067 89,343 266,730 120,581	1,353,051 988,485 87,128 236,018 41,420	1,131,081 835,118 80,424 182,673 32,866	902,733 650,732 70,530 151,763 29,708	752,609 520,632 64,914 138,661 28,402	699,046 473,955 64,879 131,711 28,501	585,595 384,161 56,746 117,928 26,760	507,296 320,950 55,440 108,061 22,845
Overall Traffic and Service											
Nonscheduled traffic—total ton miles (000). Total revenue ton miles—all services (000) Total available ton miles—all services (000) Ton mile load factor (%) Scheduled revenue aircraft departures Scheduled revenue aircraft miles (000) Scheduled revenue aircraft hours	443,083 12,589,056 29,622,140 42.5 2,979,044 1,748,729 4,008,837	492,009 11,327,847 26,918,535 42.1 3,136,543 1,662,883 3,903,262	425,942 10,321,322 23,097,750 44.7 3,005,352 1,486,460 3,597,467	498,919 8,969,988 18,769,379 47.8 2,749,451 1,258,265 3,134,676	287,753 7,083,014 14,403,764 49.2 2,290,949 995,729 2,589,592	165,401 5,983,537 12,850,594 46.6 2,252,205 926,369 2,541,328	45,251 4,928,807 10,752,433 45.8 2,105,980 808,419 2,354,069	24,230 4,257,567 9,222,953 46.2 2,075,499 752,716 2,288,840	22,665 3,771,029 8,114,187 46.5 1,991,680 699,900 2,229,780	16,272 3,435,219 7,176,178 47.9 2,105,370 676,781 2,386,985	18,968 3,332,483 6,582,820 50.6 2,298,663 712,786 2,784,941
LOCAL SERVICE AIRLINES											
Passenger Traffic											
Revenue passengers enplaned (000)	26,472 7,439,842 16,808,389 44.3 281	24,548 6,310,630 14,722,390 42.9 257	23,389 5,489,224 12,153,585 45.2 235	19,032 4,114,304 8,862,400 46.4 216	16,295 3,467,510 6,908,077 50.2 213	12,911 2,621,201 5,545,691 47.3 203	11,022 2,244,488 4,836,305 46.4 204	9,322 1,868,988 4,266,886 43.8 200	8,055 1,607,673 3,797,465 42.3 200	6,853 1,343,761 3,228,491 41.6 196	5,949 1,141,593 2,724,666 41.9 192
Cargo Traffic (Ton Miles)—total (000) Freight (000) Express (000) Priority U.S. Mail (000) Nonpriority U.S. Mail (000)	86,414 53,647 8,713 11,223 12,831	70,435 40,051 7,998 10,039 12,347	59,036 31,415 7,482 9,720 10,419	41,277 22,054 6,417 7,794 5,012	35,701 19,782 7,099 7,770 1,050	27,801 15,485 5,983 5,520 813	22,008 11,923 5,080 4,350 655	17,687 9,024 4,311 3,765 587	14,822 7,218 3,772 3,303 529	11,866 5,491 3,019 2,773 583	8,961 3,845 2,419 2,110 587
Overall Traffic and Service											
Nonscheduled traffic—total ton miles (000) Total revenue ton miles—all services (000) Total available ton miles—all services (000) Ton mile load factor (%) Scheduled revenue aircraft departures Scheduled revenue aircraft miles (000) Scheduled revenue aircraft hours	21,077 851,547 2,115,384 40.3 1,536,494 239,634 1,630,788	15,315 694,550 1,859,434 37.4 1,585,283 227,604 895,966	11,062 593,665 1,469,783 40.4 1,620,940 211,203 908,525	8,622 442,406 1,024,078 43.2 1,561,417 185,041 888,417	4,443 371,072 761,028 48.8 1,479,063 165,281 863,581	2,872 280,986 585,229 48.0 1,376,203 145,175 808,244	3,047 239,481 503,972 47.5 1,304,837 133,532 764,737	2,099 198,347 440,716 45.0 1,238,138 121,292 711,679	1,837 170,327 388,594 43.8 1,199,407 112,987 680,899	2,084 142,428 329,384 43.2 1,125,100 103,209 644,540	2,744 121,155 282,328 42.9 1,023,727 93,288 597,164

INTRA-HAWAIIAN AIRLINES	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
Passenger Traffic											
Revenue passengers enplaned (000)	2,643	2,442	2,243	2,024	1,692	1,453	1,252	1,074	954	917	934
Revenue passenger miles (000) Available seat miles (000)	355,034	327,017	301,429	274,143	226,674	195,186	166,607	143,982	128,846	125,586	127,500
Available seat miles (000)	768,693 46.2	772,192 42.3	580,391 51.9	463,719 59.1	387,127 58.6	319,733 61.0	276,375 60.3	239,520 60.1	212,398 60.7	202,290 62.1	217,055 58.7
Average length of haul (miles)	134	134	134	135	134	134	133	134	135	137	137
Cargo Traffic (Ton Miles)—total (000)	4,352	3,665	3,167	3,749	3,318	2,766	2,597	2,266	2,209	1,942	1,893
Freight (000)	3,314	2,745	2,272	2,823	2,454	2,431	2,472	2,152	2,100	1,846	1,806
Express (000)					_	_					_
Priority U.S. Mail (000)	143	120	107	119	114	106	99	93	90	82	82
Nonpriority U.S. Mail (000)	895	800	788	807	750	229	26	21	19	14	5
Overall Traffic and Service											
Nonscheduled traffic—total ton miles (000).	5	18	8	35	12	285	433	284	9	494	5,605
Total revenue ton miles—all services (000)	39,866	32,361	29,630	27,827	23,224	20,189	17,665	14,109	12,578	12,515	17 ,68 5
Total available ton miles—all services (000)	85,535	83,662	60,634	49,169	40,373	34,151	30,833	25,773	21,514	21,618	30,659
Ton mile load factor (%)	46.6	38.7	48.9	56.6	57.5	59.1	57.3	54.7	58.5	57.9	57.7
Scheduled revenue aircraft departures	72,380	76,003	6 9,359	64,631	62,034	58,439	52,491	49,993	47,742	46,183	49,158
Scheduled revenue aircraft miles (000)	8,147	8,697	8,131	7,665	7,221	6,661	5,930	5,718	5,461	5,231	5,614
Scheduled revenue aircraft hours	28,414	30,916	31,595	32,396	33,733	34,417	30,624	30,565	29,779	28,380	31,693
INTRA-ALASKAN AIRLINES											
Passenger Traffic		•									
Revenue passengers enplaned (000)	351	315	253	336	304	298	276	246	255	236	213
Revenue passenger miles (000)	112,532	101,333	76,790	78,147	68,434	65,245	55,795	46,551	47,640	46,038	43,000
Available seat miles (000)	258,622	253,389	204,431	168,052	146,924	149,124	135,151	117,988	116,548	105,901	102,852
Revenue passenger load factor (%)	43.5	40.0	37.6	46.5	46.6	43.8	41.3	39.5	40.9	43.5	41.8
Average length of haul (miles)	321	322	304	233	225	219	202	189	187	195	202
Cargo Traffic (Ton Miles)—total (000)	12,468	11,247	8,477	7,876	7,759	7,318	6,265	5,472	5,196	5,036	4,220
Freight (000)	6,385	5,972	3,825	3,630	3,664	3,617	3,176	2,640	2,620	2,828	2,424
Express (000)							_	_			
Priority U.S. Mail (000)	5,270	5,275	4,652	4,246	4,095	3,701	3,089	2,832	2,576	2,208	1,796
Nonpriority U.S. Mail (000)	813		_	_						_	_
Overall Traffic and Service											
Nonscheduled traffic—total ton miles (000).	2,224	2,679	3,432	3,662	4,252	4,271	5,754	6,025	3,211	1,930	1,844
Total revenue ton miles—all services (000)	26,073	24,457	19,920	19,675 .	19,166	18,457	17,910	16,449	13,428	11,844	10,625
Total available ton miles—all services (000)	49,285	47,052	35,688	33,204	31,417	31,465	32,270	30,562	25,182	20,468	18,872
Ton mile load factor (%)	52.9	52.0	55.8	59.3	61.0	58.7	55.5	53.8	53.3	57.9	56.3
Scheduled revenue aircraft departures	65,223	61,885	66,389	96,529	99,357	103,086	103,429	104,068	102,438	99,391	82,571
Scheduled revenue aircraft miles (000)	7,603	7,438	7,155	8,542	7,985	7,923	7,718	7,503	7,545	7,403	6,630
Scheduled revenue aircraft hours	38,485	38,371	40,831	55,332	54,498	55,604	55,215	54,952	55,008	54,508	47,595

HELICOPTER AIRLINES	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
Passenger Traffic		٠									
Revenue passengers enplaned (000)	573	744	1,048	1,225	1,075	732	626	477	376	462	522
Revenue passenger miles (000)	11,341	17,074	24,856	29,670	25,420	18,811	16,003	12,510	8,191	8,603	9,475
Available seat miles (000)	31,780	43,079	59,923	62,041	51,992	41,413	34,165	27,657	20,125	18,276	18,764
Revenue passenger load factor (%)	35.7	39.6	41.5	47.8	48.9	45.4	46.8	45.2	40.7	47.1	50.5
Average length of haul (miles)	20	23	24	24	24	26	26	26	22	19	18
Cargo Traffic (Ton Miles)—total (000)	34	77	113	134	140	154	143	124	115	140	138
Freight (000)	4	7	8	9	10	10	6	6	6	7	7
Express (000)	25	36	48	64	70	60	45	44	44	39	40
Priority U.S. Mail (000)	5	34	57	61	60	84	92	74	65	94	91
Nonpriority U.S. Mail (000)	_						_	_			_
Overall Traffic and Service											
Nonscheduled traffic—total ton miles (000).	4	4	10	9	13	20	24	15	10	7	10
Total revenue ton miles—all services (000)	1,171	1,708	2,492	2,970	2,574	1,968	1,692	1,332	907	970	. 1,053
Total available ton miles—all services (000)	3,240	4,398	6,146	6,345	5,157	4,338	3,717	3,071	2,329	2,183	2,228
Ton mile load factor (%)	36.1	38.8	40.5	46.8	49.9	45.4	45.5	43.4	38.9	44.4	47.3
Scheduled revenue aircraft departures	84,519	111,986	191,631	151,421	139,568	126,683	125,629	85,989	96,768	147,064	157,734
Scheduled revenue aircraft miles (000)	1,427	1,909	2,547	2,660	2,241	1,984	1,976	1,462	1,518	2,156	2,219
Scheduled revenue aircraft hours	12,707	17,899	23,346	25,066	22,652	20,286	20,435	15,222	18,554	29,676	30,872
ALL-CARGO AIRLINES (Domestic)											
Cargo Traffic (Ton Miles)—total (000)	258,726	215,123	198,768	186,116	195,486	171,097	151,659	111,853	82,554	79,708	90,473
Freight (000)	247,877	208,058	194,005	181,876	189,714	166,362	147,994	110,096	81,816	78,287	88,516
Express (000)	1,713	1,530	1,576	1,943	3,071	2,475	1,818	748	417	753	1,050
Priority U.S. Mail (000)	1,863	861	701	624	1,639	1,173	896	504	175	407	674
Nonpriority U.S. Mail (000)	7,273	4,674	2,486	1,673	1,062	1,087	951	505	146	261	233
Overall Traffic and Service				J							
Nonscheduled traffic—total ton miles (000)	42,727	259,540	295,406	333,365	359,331	298,111	243,350	231,409	389,536	215,996	159,224
Total revenue ton miles—all services (000)	301,453	474,663	494,181	519,480	554,817	469,208	395,008	343,262	472,090	295,705	249,697
Total available ton miles—all services (000)	543,375	726,583	704,824	729,323	705,242	618,309	549,955	475,602	615,110	385,224	325,119
Ton mile load factor (%)	55.5	65.3	70.1	71.2	78.7	75.9	71.8	72.2	76.7	76.8	76.8
Scheduled revenue aircraft departures	11,724	13,400	15,016	15,633	16,009	17,439	16,520	11,743	7,664	12,745	14,010
Scheduled revenue aircraft miles (000)	11,219	10,455	11,552	11,174	11,021	10,804	10,654	7,929	5,611	7,213	8,727
Scheduled revenue aircraft hours	24,606	27,064	34,433	37,052	38,833	40,236	41,284	29,894	21,967	31,942	38,947

AIRLINES	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	196
Passenger Traffic											
Revenue passengers enplaned (000)	16,713	17,488	16,407	14,020	12,272	10,847	9,381	8,037	7,079	6,112	5,90
Revenue passenger miles (000)	27,895,289	29,468,315	26,450,644	23,259,314	19,298,420	16,789,044	14,352,393	11,905,430	10,137,777	8,768,501	8,306,3
Available seat miles (000)	52,561,674	56,398,252	49,575,001	41,118,729	33,175,647	29,532,832	25,791,373	22,590,210	18,724,360	15,769,527	13,347,1
Revenue passenger load factor (%)	53.1	52.2	53.4	56.6	58.2	56.8	55.6	52.7	54.1	55.6	6
Average length of haul (miles)	1,669	1,685	1,612	1,659	1,573	1,548	1,530	1,481	1,432	1,435	1,4
Cargo Traffic (Ton Miles)—total (000)	1,493,495	1,734,685	1,596,029	1,347,763	1,164,014	841,061	564,862	466,692	426,476	352,878	286,4
Freight (000)	950,196	1,090,055	926,091	795,858	720,627	596,416	393,858	295,610	263,931	216,560	191,0
Express (000)	561	1,437	1,159	1,106	982	908	823	794	798	604	,
Priority U.S. Mail (000)	203,578	248,446	273,239	277,909	283,742	173,158	124,768	115,810	108,987	93,205	82,6
Nonpriority U.S. Mail (000)	339,160	394,747	395,540	272,890	158,663	70,579	45,413	54,478	52,760	42,509	12,
Overall Traffic and Service											
Nonscheduled traffic—total ton miles (000).	960,882	1,596,457	1,684,105	1,387,435	737,520	296,471	198,323	174,411	150,848	110,299	78,
Total revenue ton miles—all services (000)	5,253,811	6,339,791	5,978,604	5,113,306	3,883,836	2,856,655	2,228,175	1,855,950	1,619,903	1,362,479	1,218,
Total available ton miles—all services (000)	10,330,658	11,599,835	10,779,326	9,030,981	6,653,990	5,139,006	4,162,677	3,488,240	2,925,899	2,468,843	2,038,9
Ton mile load factor (%)	50.9	54.7	55.5	56.6	58.4	55. 6	53.5	53.2	55.4	55.2	5
Scheduled revenue aircraft departures	332,829	376,594	367,960	298,573	280,481	257,377	238,886	213,508	201,209	197,895	212,
Scheduled revenue aircraft miles (000)	377,236	450,549	408,136	350,719	285,711	247,766	214,375	192,140	171,500	161,297	162,
Scheduled revenue aircraft hours	790,582	944,880	858,123	727,445	610,954	549,964	486,101	454,244	435,269	452,319	530,
ALL-CARGO AIRLINES (Internationa	ıl)										
Cargo Traffic (Ton Miles)—total (000)	573,186	368,235	229,021	172,478	141,475	121,853	100,840	97,259	77,594	56,161	44,0
Freight (000)	356,502	293,203	208,097	154,790	126,000	110,856	91,327	86,370	66,537	43,764	34,8
Express (000)	62	8	12	9	1,340	10	14	21	14	4	,
Priority U.S. Mail (000)	39,933	15,463	7,419	9,818	9,334	5,878	4,856	4,663	4,441	6,425	6,
Nonpriority U.S. Mail (000)	176,689	59,561	13,493	7,861	4,801	5,109	4,643	6,205	6,602	5,968	2,0
Overall Traffic and Service											
Nonscheduled traffic—total ton miles (000).	549,624	724,940	445,016	415,957	361,606	141,969	86,188	75,615	99,759	76,823	28,
Total revenue ton miles—all services (000)	1,122,874	1,093,261	674,127	588,545	503,149	263,986	187,202	173,121	177,497	133,094	73,
Total available ton miles—all services (000)	1,513,626	1,538,391	1,068,341	1,142,444	904,322	397,901	266,624	243,578	232,186	173,731	102,0
Ton mile load factor (%)	74.2	71.1	63.1	51.5	55.6	66.3	70.2	71.1	76.4	76.6	7
Scheduled revenue aircraft departures	13,625	11,083	8,393	7,704	5,857	6,152	6,311	6,411	5,554	7,394	7,9
Scheduled revenue aircraft miles (000)	20,760	14,665	10,428	9,429	7,297	6,821	6,532	6,196	4,980	5,878	5,8
Scheduled revenue aircraft hours	43,573	32.806	24,595	23,769	19,624	21,864	22,307	20,496	17,694	23,310	25,2

TOTAL INDUSTRY	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
Operating Revenues—Total	9,273,426	8,792,317	7,753,211	6,864,726	5,745,038	4,957,851	4,250,838	3,759,051	3,438,731	3,063,555	2,884,277
Passenger	7,611,709	7,119,990	6,221,852	5,425,862	4,529,520	4,029,383	3,482,760	3,067,193	2,762,697	2,484,650	2,387,937
Freight	715,798	648,029	547,094	465,281	412,039	356,113	285,657	234,653	203,759	176,802	162,777
Priority U.S. Mail	. 175,164	168,360	162,763	184,232	189,252	138,238	122,746	117,916	111,178	98,587	89,914
Nonpriority U.S. Mail	123,032	120,015	104,466	76,082	43,481	25,234	19,050	21,086	20,520	16,844	7,098
Express	36,409	38,088	38,174	35,471	36,800	34,118	31,114	28,421	26,968	23,765	23,862
Charter	. 412,422	525,760	517,074	520,612	381,890	214,145	152,608	140,234	163,132	115,803	78,487
Public Service Revenue	. 44,320	41,180	46,745	59,912	65,619	80,622	82,806	82,222	82,393	78,952	68,164
Other *	154,572	130,895	115,044	97,273	86,439	79,997	74,098	67,327	68,084	68,152	66,038
Operating Expenses—Total	. 9,213,475	8,400,387	7,248,323	6,156,532	4,969,541	4,285,923	3,780,741	3,479,264	3,248,732	3,043,496	2,806,686
Flying Operations	2,696,544	2,468,714	2,080,537	1,733,888	1,368,532	1,157,945	1,029,893	949,417	896,319	858,328	812,152
Maintenance	1,395,942	1,301,995	1,193,639	1,087,177	900,306	815,958	749,367	665,006	639,273	576,235	557,180
General Services and Administration											
Passenger Service	938,368	830,680	716,056	578,639	458,887	381,860	309,389	263,185	234,323	220,671	207,670
Aircraft and Traffic Servicing	1,671,007	1,489,892	1,262,945	1,070,670	863,279	735,447	646,328	586,086	538,741	487,861	452,103
Promotion and Sales	1,110,530	1,035,402	900,940	776,304	645,574	551,134	479,203	419,978	380,796	352,256	333,701
Administrative	457,216	408,805	351,965	297,560	241,386	212,351	185,016	167,212	158,450	143,437	129,687
Total	. 4,177,121	3,764,780	3,231,906	2,723,173	2,209,126	1,880,793	1,619,936	1,436,462	1,312,310	1,204,225	1,123,161
Depreciation and Amortization	943,868	864,898	742,240	612,294	491,578	431,228	381,543	428,379	400,829	404,708	314,193
Net Operating Income	59,951	391,931	504,888	708,194	775,497	671,928	470,097	279,787	189,999	20,059	77,591

^{*} Includes excess baggage, foreign mail, incidental revenues and other transport. For notes to statistical tables see page 45.

DOMESTIC TRUNK AIRLINES	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
Operating Revenues—Total	6,272,775	5,754,222	5,039,441	4,419,436	3,660,900	3,263,556	2,790,877	2,451,915	2,250,094	2,026,368	1,942,635
Passenger	5,536,144	5,087,549	4,451,341	3,901,528	3,233,095	2,908,045	2,504,861	2,208,430	2,020,975	1,826,821	1,756,439
Freight		335,413	284,707	235,774	201,289	174,150	140,962	116,466	102,364	85,288	74,792
Priority U.S. Mail		83,837	80,739	76,100	78,870	64,181	56,262	51,247	49,002	43,958	41,087
Nonpriority U.S. Mail		49,150	43,131	23,139	7.988	6,354	5,838	5,471	5,486	5,073	3,686
Express		33,052	33,146	30,752	31,601	29,703	27,247	25,246	24,332	21,447	21,785
Charter		96,766	87,475	104,962	70,429	44,375	17,629	12,420	12,700	8,985	10,414
Public Service Revenue				2,822	2,110	3,508	3,408	988			
Other		68,454	58,902	44,360	35,518	33,240	34,668	31,648	35,235	34,796	34,432
Operating Expenses—Total	6,256,039	5,449,860	4,719,364	4,009,331	3,207,198	2,847,308	2,494,035	2,322,682	2,175,166	2,037,485	1,907,785
Flying Operations	1,830,972	1,588,192	1,341,342	1,101,480	869,925	767,902	676,974	626,708	593,816	574,519	548,125
Maintenance	974,254	864,215	802,853	735,445	596,269	566,413	514,552	464,803	444,047	399,810	397,032
General Services and Administration											,
Passenger Service		558,364	488,635	396,449	311,564	266,279	213,988	179,890	164,546	156,810	150,356
Aircraft and Traffic Servicing		964,172	825,578	704,944	560,004	484,859	425,197	394,180	362,912	328,302	305,674
Promotion and Sales	728,402	654,422	579,244	501,987	410,282	348,223	299,629	261,691	241,895	225,554	215,093
Administrative	279,813	235,404	202,465	167,023	131,568	116,378	100,945	93,187	89,255	82,374	74,360
Total	2,779,212	2,412,363	2,095,921	1,770,403	1,413,418	1,215,739	1.039,759	928,949	858,608	793,039	745,483
Depreciation and Amortization	671,602	585,091	479,249	402,005	327,586	297,253	262,750	302,221	278,694	270,117	217,145
Net Operating Income	16,736	304,362	320,077	410,106	453,703	416,249	296,841	129,233	74,928	(11,118)	34,850
LOCAL SERVICE AIRLINES											
Operating Revenues—Total	717,952	612,457	501,308	399,716	348,332	291,374	253,728	225,975	206,099	177,056	146,481
Operating Revenues—Total Passenger		612,457 521,006	501,308 414,732	399,716 313,833	348,332 264,949	291,374 203,423	253,728 169,244	225,975 143,171	206,099 125,467	177,056 103,623	146,481 83,602
•	611,591	•	,			•	•		,	,	
Passenger	611,591 29,428	521,006	414,732	313,833	264,949	203,423	169,244	143,171	125,467	103,623	83,602 2,108
Passenger Freight Priority U.S. Mail.	611,591 29,428 6,297	521,006 22,630	414,732 17,477	313,833 13,053	264,949 10,961	203,423 8,764	169,244 6,698	143,171 5,031	125,467 4,070	103,623 3,089	83,602 2,108 1,754
Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail	611,591 29,428 6,297 4,551	521,006 22,630 5,892 3,474	414,732 17,477 5,900 2,971	313,833 13,053 5,138 1,352	264,949 10,961 5,316 301	203,423 8,764 4,103 261	169,244 6,698 3,327 220	143,171 5,031 2,950 203	125,467 4,070 2,674 188	103,623 3,089 2,229 216	83,602 2,108 1,754 169
Passenger Freight Nonpriority U.S. Mail Express	611,591 29,428 6,297 4,551 4,244	521,006 22,630 5,892	414,732 17,477 5,900	313,833 13,053 5,138	264,949 10,961 5,316	203,423 8,764 4,103 261 3,196	169,244 6,698 3,327	143,171 5,031 2,950	125,467 4,070 2,674 188 2,061	103,623 3,089 2,229 216 1,682	83,602 2,108 1,754 169 1,353
Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter	611,591 29,428 6,297 4,551 4,244 11,938	521,006 22,630 5,892 3,474 3,957	414,732 17,477 5,900 2,971 3,967	313,833 13,053 5,138 1,352 3,545	264,949 10,961 5,316 301 3,729	203,423 8,764 4,103 261	169,244 6,698 3,327 220 2,781	143,171 5,031 2,950 203 2,508	125,467 4,070 2,674 188 2,061 1,421	103,623 3,089 2,229 216 1,682 1,460	83,602 2,108 1,754 169 1,353 1,832
Passenger Freight Nonpriority U.S. Mail Express	611,591 29,428 6,297 4,551 4,244 11,938 38,802	521,006 22,630 5,892 3,474 3,957 9,252	414,732 17,477 5,900 2,971 3,967 6,837	313,833 13,053 5,138 1,352 3,545 5,565	264,949 10,961 5,316 301 3,729 3,516	203,423 8,764 4,103 261 3,196 2,115	169,244 6,698 3,327 220 2,781 2,294	143,171 5,031 2,950 203 2,508 1,531	125,467 4,070 2,674 188 2,061	103,623 3,089 2,229 216 1,682	83,602 2,108 1,754 169 1,353
Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total	611,591 29,428 6,297 4,551 4,244 11,938 38,802 11,101 711,693	521,006 22,630 5,892 3,474 3,957 9,252 35,981	414,732 17,477 5,900 2,971 3,967 6,837 40,950	313,833 13,053 5,138 1,352 3,545 5,565 50,961	264,949 10,961 5,316 301 3,729 3,516 54,924	203,423 8,764 4,103 261 3,196 2,115 66,012	169,244 6,698 3,327 220 2,781 2,294 65,779	143,171 5,031 2,950 203 2,508 1,531 67,882	125,467 4,070 2,674 188 2,061 1,421 67,948	103,623 3,089 2,229 216 1,682 1,460 62,937	83,602 2,108 1,754 169 1,353 1,832 54,126
Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations	611,591 29,428 6,297 4,551 4,244 11,938 38,802 11,101 711,693 218,220	521,006 22,630 5,892 3,474 3,957 9,252 35,981 10,265	414,732 17,477 5,900 2,971 3,967 6,837 40,950 8,476	313,833 13,053 5,138 1,352 3,545 5,565 50,961 6,266	264,949 10,961 5,316 301 3,729 3,516 54,924 4,637	203,423 8,764 4,103 261 3,196 2,115 66,012 3,499	169,244 6,698 3,327 220 2,781 2,294 65,779 3,385	143,171 5,031 2,950 203 2,508 1,531 67,882 2,698	125,467 4,070 2,674 188 2,061 1,421 67,948 2,270	103,623 3,089 2,229 216 1,682 1,460 62,937 1,821	83,602 2,108 1,754 169 1,353 1,832 54,126 1,537
Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total	611,591 29,428 6,297 4,551 4,244 11,938 38,802 11,101 711,693 218,220	521,006 22,630 5,892 3,474 3,957 9,252 35,981 10,265 628,517	414,732 17,477 5,900 2,971 3,967 6,837 40,950 8,476 510,518	313,833 13,053 5,138 1,352 3,545 5,565 50,961 6,266 399,025	264,949 10,961 5,316 301 3,729 3,516 54,924 4,637 324,866	203,423 8,764 4,103 261 3,196 2,115 66,012 3,499 267,283	169,244 6,698 3,327 220 2,781 2,294 65,779 3,385 236,762	143,171 5,031 2,950 203 2,508 1,531 67,882 2,698 214,015	125,467 4,070 2,674 188 2,061 1,421 67,948 2,270 192,724	103,623 3,089 2,229 216 1,682 1,460 62,937 1,821	83,602 2,108 1,754 169 1,353 1,832 54,126 1,537
Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations	611,591 29,428 6,297 4,551 4,244 11,938 38,802 11,101 711,693 218,220	521,006 22,630 5,892 3,474 3,957 9,252 35,981 10,265 628,517 189,916	414,732 17,477 5,900 2,971 3,967 6,837 40,950 8,476 510,518 146,193	313,833 13,053 5,138 1,352 3,545 5,565 50,961 6,266 399,025 109,656	264,949 10,961 5,316 301 3,729 3,516 54,924 4,637 324,866 88,985	203,423 8,764 4,103 261 3,196 2,115 66,012 3,499 267,283 74,233	169,244 6,698 3,327 220 2,781 2,294 65,779 3,385 236,762 66,787	143,171 5,031 2,950 203 2,508 1,531 67,882 2,698 214,015 60,846	125,467 4,070 2,674 188 2,061 1,421 67,948 2,270 192,724 55,082	103,623 3,089 2,229 216 1,682 1,460 62,937 1,821 167,697 48,664	83,602 2,108 1,754 169 1,353 1,832 54,126 1,537 144,309 42,031
Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance	611,591 29,428 6,297 4,551 4,244 11,938 38,802 11,101 711,693 218,220 121,656	521,006 22,630 5,892 3,474 3,957 9,252 35,981 10,265 628,517 189,916	414,732 17,477 5,900 2,971 3,967 6,837 40,950 8,476 510,518 146,193	313,833 13,053 5,138 1,352 3,545 5,565 50,961 6,266 399,025 109,656	264,949 10,961 5,316 301 3,729 3,516 54,924 4,637 324,866 88,985	203,423 8,764 4,103 261 3,196 2,115 66,012 3,499 267,283 74,233	169,244 6,698 3,327 220 2,781 2,294 65,779 3,385 236,762 66,787	143,171 5,031 2,950 203 2,508 1,531 67,882 2,698 214,015 60,846	125,467 4,070 2,674 188 2,061 1,421 67,948 2,270 192,724 55,082	103,623 3,089 2,229 216 1,682 1,460 62,937 1,821 167,697 48,664	83,602 2,108 1,754 169 1,353 1,832 54,126 1,537 144,309 42,031
Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance General Services and Administration	611,591 29,428 6,297 4,551 4,244 11,938 38,802 11,101 711,693 218,220 121,656	521,006 22,630 5,892 3,474 3,957 9,252 35,981 10,265 628,517 189,916 108,266	414,732 17,477 5,900 2,971 3,967 6,837 40,950 8,476 510,518 146,193 91,971	313,833 13,053 5,138 1,352 3,545 5,565 50,961 6,266 399,025 109,656 79,323	264,949 10,961 5,316 301 3,729 3,516 54,924 4,637 324,866 88,985 69,475	203,423 8,764 4,103 261 3,196 2,115 66,012 3,499 267,283 74,233 59,837	169,244 6,698 3,327 220 2,781 2,294 65,779 3,385 236,762 66,787 52,735	143,171 5,031 2,950 203 2,508 1,531 67,882 2,698 214,015 60,846 47,256	125,467 4,070 2,674 188 2,061 1,421 67,948 2,270 192,724 55,082 42,309	103,623 3,089 2,229 216 1,682 1,460 62,937 1,821 167,697 48,664 35,990	83,602 2,108 1,754 169 1,353 1,832 54,126 1,537 144,309 42,031 30,967
Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance General Services and Administration Passenger Service	611,591 29,428 6,297 4,551 4,244 11,938 38,802 11,101 711,693 218,220 121,656 46,657 159,963	521,006 22,630 5,892 3,474 3,957 9,252 35,981 10,265 628,517 189,916 108,266	414,732 17,477 5,900 2,971 3,967 6,837 40,950 8,476 510,518 146,193 91,971 30,613	313,833 13,053 5,138 1,352 3,545 5,565 50,961 6,266 399,025 109,656 79,323	264,949 10,961 5,316 301 3,729 3,516 54,924 4,637 324,866 88,985 69,475	203,423 8,764 4,103 261 3,196 2,115 66,012 3,499 267,283 74,233 59,837	169,244 6,698 3,327 220 2,781 2,294 65,779 3,385 236,762 66,787 52,735	143,171 5,031 2,950 203 2,508 1,531 67,882 2,698 214,015 60,846 47,256 10,660	125,467 4,070 2,674 188 2,061 1,421 67,948 2,270 192,724 55,082 42,309 9,726	103,623 3,089 2,229 216 1,682 1,460 62,937 1,821 167,697 48,664 35,990 8,389 42,368	83,602 2,108 1,754 169 1,353 1,832 54,126 1,537 144,309 42,031 30,967 7,183 36,492
Passenger Freight Priority U.S. Mail. Nonpriority U.S. Mail. Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance General Services and Administration Passenger Service Aircraft and Traffic Servicing	611,591 29,428 6,297 4,551 4,244 11,938 38,802 11,101 711,693 218,220 121,656 46,657 159,963 67,624	521,006 22,630 5,892 3,474 3,957 9,252 35,981 10,265 628,517 189,916 108,266 38,751 144,378	414,732 17,477 5,900 2,971 3,967 6,837 40,950 8,476 510,518 146,193 91,971 30,613 120,179	313,833 13,053 5,138 1,352 3,545 5,565 50,961 6,266 399,025 109,656 79,323 21,995 95,933	264,949 10,961 5,316 301 3,729 3,516 54,924 4,637 324,866 88,985 69,475 17,307 80,353	203,423 8,764 4,103 261 3,196 2,115 66,012 3,499 267,283 74,233 59,837	169,244 6,698 3,327 220 2,781 2,294 65,779 3,385 236,762 66,787 52,735 11,739 59,053	143,171 5,031 2,950 203 2,508 1,531 67,882 2,698 214,015 60,846 47,256 10,660 53,143	125,467 4,070 2,674 188 2,061 1,421 67,948 2,270 192,724 55,082 42,309 9,726 48,095	103,623 3,089 2,229 216 1,682 1,460 62,937 1,821 167,697 48,664 35,990	83,602 2,108 1,754 169 1,353 1,832 54,126 1,537 144,309 42,031 30,967 7,183
Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance General Services and Administration Passenger Service Aircraft and Traffic Servicing Promotion and Sales	611,591 29,428 6,297 4,551 4,244 11,938 38,802 11,101 711,693 218,220 121,656 46,657 159,963 67,624 40,501	521,006 22,630 5,892 3,474 3,957 9,252 35,981 10,265 628,517 189,916 108,266 38,751 144,378 58,329	414,732 17,477 5,900 2,971 3,967 6,837 40,950 8,476 510,518 146,193 91,971 30,613 120,179 46,467	313,833 13,053 5,138 1,352 3,545 5,565 50,961 6,266 399,025 109,656 79,323 21,995 95,933 36,107	264,949 10,961 5,316 301 3,729 3,516 54,924 4,637 324,866 88,985 69,475 17,307 80,353 29,472	203,423 8,764 4,103 261 3,196 2,115 66,012 3,499 267,283 74,233 59,837 13,426 66,346 23,469	169,244 6,698 3,327 220 2,781 2,294 65,779 3,385 236,762 66,787 52,735 11,739 59,053 20,639 13,051	143,171 5,031 2,950 203 2,508 1,531 67,882 2,698 214,015 60,846 47,256 10,660 53,143 18,617	125,467 4,070 2,674 188 2,061 1,421 67,948 2,270 192,724 55,082 42,309 9,726 48,095 16,298	103,623 3,089 2,229 216 1,682 1,460 62,937 1,821 167,697 48,664 35,990 8,389 42,368 13,515 9,186	83,602 2,108 1,754 169 1,353 1,832 54,126 1,537 144,309 42,031 30,967 7,183 36,492 11,605 8,247
Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance General Services and Administration Passenger Service Aircraft and Traffic Servicing Promotion and Sales Administrative	611,591 29,428 6,297 4,551 4,244 11,938 38,802 11,101 711,693 218,220 121,656 46,657 159,963 67,624 40,501 314,744	521,006 22,630 5,892 3,474 3,957 9,252 35,981 10,265 628,517 189,916 108,266 38,751 144,378 58,329 34,344	414,732 17,477 5,900 2,971 3,967 6,837 40,950 8,476 510,518 146,193 91,971 30,613 120,179 46,467 28,136	313,833 13,053 5,138 1,352 3,545 5,565 50,961 6,266 399,025 109,656 79,323 21,995 95,933 36,107 22,813	264,949 10,961 5,316 301 3,729 3,516 54,924 4,637 324,866 88,985 69,475 17,307 80,353 29,472 18,472	203,423 8,764 4,103 261 3,196 2,115 66,012 3,499 267,283 74,233 59,837 13,426 66,346 23,469 14,874	169,244 6,698 3,327 220 2,781 2,294 65,779 3,385 236,762 66,787 52,735 11,739 59,053 20,639	143,171 5,031 2,950 203 2,508 1,531 67,882 2,698 214,015 60,846 47,256 10,660 53,143 18,617 11,585	125,467 4,070 2,674 188 2,061 1,421 67,948 2,270 192,724 55,082 42,309 9,726 48,095 16,298 10,611	103,623 3,089 2,229 216 1,682 1,460 62,937 1,821 167,697 48,664 35,990 8,389 42,368 13,515	83,602 2,108 1,754 169 1,353 1,832 54,126 1,537 144,309 42,031 30,967 7,183 36,492 11,605

INTRA-HAWAIIAN AIRLINES	1970	1969	1968	1967	1966	1965	1964	19 63 ·	1962	1961	1960
Operating Revenues—Total	,	35,744	29,746	26,287	23,318	20,439	17,898	15,499	13,780	14,085	15,217
Passenger	•	33,075	27,538	24,344	19,716	17,074	14,924	13,129	11,824	11,642	11,184
Freight		1,943	1,577	1,540	1,375	1,378	1,410	1,179	1,161	984	95
Priority U.S. Mail		92	84	92	90	86	80	77	73	6 8	6
Nonpriority U.S. Mail		166	152	145	139	46	8	6	5	4	
Express			_				_			_	-
Charter	•	23	13		12	228	299	206	12	260	2,61
Public Service Revenue			_		1,124	1,124	878	716	355	697	10
Other	1,024	444	382	166	860	503	300	187	350	430	28
Operating Expenses—Total	,	38,514	30,453	26,528	22,145	18,527	16,523	14,690	13,229	13,456	15,46
Flying Operations	. 13,257	13,097	8,674	8,548	6,478	4,514	3,851	3,219	2,933	3,063	4,26
Maintenance	. 7,194	6,793	6,069	4,909	4,369	4,002	3,574	2,923	2,677	2,867	3,27
General Services and Administration											
Passenger Service	1,858	1,604	1,047	859	712	646	576	512	409	392	69
Aircraft and Traffic Servicing		6,397	5,474	4,404	3,778	3,301	2,996	2,706	2,430	2,321	2,37
Promotion and Sales		4,805	4,205	3,761	2,925	2,722	2,439	2,337	2,074	2,181	2,05
Administrative		2,660	2,515	2,214	2,051	1,812	1,726	1,866	1,599	1,540	1,39
Total	19,941	15,466	13,241	11,239	9,465	8,482	7,737	7,420	6,512	6,434	6,5
Depreciation and Amortization	. 3,531	3,158	2,470	1,831	1,832	1,528	1,360	1,129	1,106	1,091	1,41
Net Operating Income	. 476	(2,771)	(707)	(241)	1,173	1,911	1,375	809	551	629	(25
INTRA-ALASKAN AIRLINES											
Operating Revenues—Total	28,600	25,704	21,967	24,407	22,357	22,002	21,950	20,225	18,735	18,867	16.03
Passenger	. 13,237	11,869	8,867	9,707	7,972	7,860	7,267	6,244	6,326	6,181	5,78
Freight	3,531	3,307	2,132	2,191	1,996	2,119	2,031	1,723	1,691	1,775	1,51
Priority U.S. Mail	6,733	5,267	4,717	4,392	3,926	3,650	3,192	3,077	2,873	2,529	2,08
Nonpriority U.S. Mail	. 131		_	·		· —	· —	<i>'</i> —	·	<i>'</i> —	<i>'</i> -
Express	. _						_	_		_	_
Charter		2,064	2,310	2,363	2,458	2,345	3,237	3,327	2,110	1,617	1,34
Public Service Revenue	2,374	2,494	3,190	4,729	5,124	5,266	5,590	5,317	5,139	6,352	4,85
Other	. 791	703	751	1,022	881	761	631	538	595	413	44
Operating Expenses—Total	26,633	23,802	20,719	23,241	20,306	20.587	20,310	19,353	17,421	16,192	15,05
Flying Operations	,	6,633	6,042	6.372	5,566	5,751	6,293	6,112	5,334	4,847	4,36
Maintenance	•	5,977	5,142	6,449	5,297	5,919	5.690	5.274	4,812	4,444	4,30
General Services and Administration*	0,170	0,077	0,112	0,110	0,207	0,515	0,000	3,274	4,012	7,777	4,00
Total	10,081	8,928	7.775	8,686	7,756	7,534	7.138	6.746	6,191	5,895	5,32
Depreciation & Amortization	2,328	2,263	1,759	1.733	1,687	1,383	1,189	1,221	1,084	1,006	1,04
Net Operating Income		,	·	,	,	•	,	·		· ·	
Mer oberanna mcome	1,967	1,902	1,248	1,166	2,051	1,415	1,640	872	1,314	2,675	97

HELICOPTER AIRLINES	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	196
Operating Revenues—Total	8,988	9,175	12,870	16,506	14,232	11,135	10,174	8,637	8,583	8,603	8,60
Passenger	7,632	7,374	9,470	10,377	8,603	5,645	4,814	3,284	2,501	2,773	3,08
Freight	72	67	93	102	98	85	54	41	39	39	
Priority U.S. Mail	. 70	130	209	325	158	221	240	193	174	253	2
Nonpriority U.S. Mail						_					
Express		243	259	289	295	216	213	217	215	189	2
Charter		419	513	481	509	525	344	210	109	64	
Public Service Revenue				_	584	2,712	4.300	4.641	5,518	5,258	4,9
Other		942	2,326	4,932	3,985	1,732	210	51	26	27	.,•
Operating Expenses—Total	12,754	14,330	16,177	17,249	14,929	11,369	10,295	8,839	8,835	8,808	8,3
Flying Operations		2,928	2,885	3,375	3,195	2,250	1,941	1,744	1,791	1,946	1,9
Maintenance		4,169	5,278	5,521	5,002	3,770	3,541	2,789	2,454	2,633	2,5
General Services and Administration*	•	,	•	,	,	,	•	•	•	,	,
Total	. 4,976	5,819	6,306	6,379	5,563	4,354	3,817	3,305	3,378	3,086	2,7
Depreciation and Amortization		1,413	1,707	1,972	1,169	995	996	1,000	1,212	1,143	1,1
Net Operating Income	(3,766)	(5,155)	(3,307)	(743)	(697)	(233)	(121)	(202)	(252)	(205)	2
ALL-CARGO AIRLINES (DOMESTIC)											
	_ 49,445	78,642	85,303	94,279	102,360	82,279	74,158	67,586	90,702	59,380	49,0
(DOMESTIC) Operating Revenues—Total Passenger				_	_	· —		· —	· 	· —	
(DOMESTIC) Operating Revenues—Total Passenger Freight		 29,469	85,303 — 27,564	 25,960	27,635	<u> </u>	20,006	 15,562	11,662	13,166	15,7
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail				_	_	· —		· —	· 	· —	15,7
(DOMESTIC) Operating Revenues—Total Passenger Freight		29,469 283 653	27,564	25,960 208 326	27,635 631 201	22,817 447 207	20,006 358 185	15,562 182 83	11,662 81 25	13,166	15,7 2
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail	37,073 540 1,006	29,469 283 653 379	27,564 194	25,960 208	27,635 631 201 858	22,817 447	20,006 358 185 563	15,562 182 83 237	11,662 81 25 120	13,166 154 49 246	15,7 2
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter	37,073 540 1,006 536 5,665	29,469 283 653	27,564 194 387	25,960 208 326	27,635 631 201	22,817 447 207	20,006 358 185	15,562 182 83	11,662 81 25	13,166 154 49	15,7 2
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express	37,073 540 1,006 536 5,665	29,469 283 653 379	27,564 194 387 407	25,960 208 326 538	27,635 631 201 858	22,817 447 207 681	20,006 358 185 563 52,745	15,562 182 83 237	11,662 81 25 120	13,166 154 49 246	15,7 2
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter	37,073 540 1,006 536 5,665	29,469 283 653 379 41,191	27,564 194 387 407 54,414	25,960 208 326 538 63,345	27,635 631 201 858 68,776	22,817 447 207 681 57,046	20,006 358 185 563 52,745	15,562 182 83 237	11,662 81 25 120 78,371	13,166 154 49 246	15,7 2 3 31,6
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total	37,073 540 1,006 536 5,665 4,624	29,469 283 653 379 41,191 — 6,668	27,564 194 387 407 54,414 — 2,337 98,712	25,960 208 326 538 63,345 — 3,902 83,973	27,635 631 201 858 68,776 — 4,259	22,817 447 207 681 57,046 — 1,082 73,706	20,006 358 185 563 52,745 — 302 70,838	15,562 182 83 237 51,444 — 79 66,308	11,662 81 25 120 78,371	13,166 154 49 246 44,884 — 882 62,685	15,7 2 3 31,6 9
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other	37,073 540 1,006 536 5,665 4,624	29,469 283 653 379 41,191 — 6,668	27,564 194 387 407 54,414 — 2,337	25,960 208 326 538 63,345 — 3,902	27,635 631 201 858 68,776 — 4,259	22,817 447 207 681 57,046 —	20,006 358 185 563 52,745 — 302	15,562 182 83 237 51,444 —	11,662 81 25 120 78,371 — 442	13,166 154 49 246 44,884 — 882	15,7 2 3 31,6 9
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total	37,073 540 1,006 536 5,665 4,624 53,283 20,975	29,469 283 653 379 41,191 — 6,668	27,564 194 387 407 54,414 — 2,337 98,712	25,960 208 326 538 63,345 — 3,902 83,973	27,635 631 201 858 68,776 — 4,259	22,817 447 207 681 57,046 — 1,082 73,706	20,006 358 185 563 52,745 — 302 70,838	15,562 182 83 237 51,444 — 79 66,308	11,662 81 25 120 78,371 — 442 80,401	13,166 154 49 246 44,884 — 882 62,685	15,7 2 3 31,6 9 49,6 20,5
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance General Services and Administration	37,073 540 1,006 536 5,665 4,624 53,283 20,975 8,611	29,469 283 653 379 41,191 — 6,668 80,211 30,147	27,564 194 387 407 54,414 — 2,337 98,712 35,170	25,960 208 326 538 63,345 — 3,902 83,973 34,139	27,635 631 201 858 68,776 — 4,259 80,414 30,774	22,817 447 207 681 57,046 — 1,082 73,706 24,270	20,006 358 185 563 52,745 — 302 70,838 24,237 16,476	15,562 182 83 237 51,444 — 79 66,308 23,112	11,662 81 25 120 78,371 — 442 80,401 31,061	13,166 154 49 246 44,884 — 882 62,685 23,117	15,7 2 3 31,6 9 49,6 20,3 11,4
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance General Services and Administration Passenger Service	37,073 540 1,006 536 5,665 4,624 53,283 20,975 8,611	29,469 283 653 379 41,191 — 6,668 80,211 30,147 16,420	27,564 194 387 407 54,414 — 2,337 98,712 35,170 19,354 2,579	25,960 208 326 538 63,345 — 3,902 83,973 34,139 21,339	27,635 631 201 858 68,776 4,259 80,414 30,774 19,887	22,817 447 207 681 57,046 — 1,082 73,706 24,270 19,350 1,266	20,006 358 185 563 52,745 — 302 70,838 24,237	15,562 182 83 237 51,444 — 79 66,308 23,112 16,518	11,662 81 25 120 78,371 — 442 80,401 31,061	13,166 154 49 246 44,884 — 882 62,685 23,117	15,7 2 3 31,6 9 49,6 20,3 11,4
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance General Services and Administration	37,073 540 1,006 536 5,665 4,624 53,283 20,975 8,611	29,469 283 653 379 41,191 — 6,668 80,211 30,147 16,420	27,564 194 387 407 54,414 — 2,337 98,712 35,170 19,354	25,960 208 326 538 63,345 — 3,902 83,973 34,139 21,339	27,635 631 201 858 68,776 — 4,259 80,414 30,774 19,887	22,817 447 207 681 57,046 — 1,082 73,706 24,270 19,350	20,006 358 185 563 52,745 — 302 70,838 24,237 16,476	15,562 182 83 237 51,444 — 79 66,308 23,112 16,518 1,744 8,478	11,662 81 25 120 78,371 — 442 80,401 31,061 20,849 1,847 8,411	13,166 154 49 246 44,884 — 882 62,685 23,117 12,395	15,7 2 3 31,6 9 49,6 20,3 11,4
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance General Services and Administration Passenger Service	37,073 540 1,006 536 5,665 4,624 53,283 20,975 8,611	29,469 283 653 379 41,191 — 6,668 80,211 30,147 16,420	27,564 194 387 407 54,414 — 2,337 98,712 35,170 19,354 2,579	25,960 208 326 538 63,345 — 3,902 83,973 34,139 21,339	27,635 631 201 858 68,776 4,259 80,414 30,774 19,887	22,817 447 207 681 57,046 — 1,082 73,706 24,270 19,350 1,266	20,006 358 185 563 52,745 — 302 70,838 24,237 16,476	15,562 182 83 237 51,444 — 79 66,308 23,112 16,518	11,662 81 25 120 78,371 — 442 80,401 31,061 20,849 1,847	13,166 154 49 246 44,884 — 882 62,685 23,117 12,395	15,7 2 3 31,6 9 49,6 20,3 11,4
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance General Services and Administration Passenger Service Aircraft and Traffic Servicing	37,073 540 1,006 536 5,665 4,624 53,283 20,975 8,611 15 13,374 2,434	29,469 283 653 379 41,191 — 6,668 80,211 30,147 16,420 1,783 16,097	27,564 194 387 407 54,414 — 2,337 98,712 35,170 19,354 2,579 13,908	25,960 208 326 538 63,345 — 3,902 83,973 34,139 21,339 423 12,650	27,635 631 201 858 68,776 4,259 80,414 30,774 19,887	22,817 447 207 681 57,046 — 1,082 73,706 24,270 19,350 1,266 12,178	20,006 358 185 563 52,745 — 302 70,838 24,237 16,476 2,921 11,070	15,562 182 83 237 51,444 — 79 66,308 23,112 16,518 1,744 8,478	11,662 81 25 120 78,371 — 442 80,401 31,061 20,849 1,847 8,411	13,166 154 49 246 44,884 — 882 62,685 23,117 12,395 1,444 6,776	15,7 2 3 31,6 9 49,6 20,3 11,4 1,1 5,3 1,8
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance General Services and Administration Passenger Service Aircraft and Traffic Servicing Promotion and Sales	37,073 540 1,006 536 5,665 4,624 53,283 20,975 8,611 15 13,374 2,434 2,833	29,469 283 653 379 41,191 — 6,668 80,211 30,147 16,420 1,783 16,097 3,251	27,564 194 387 407 54,414 — 2,337 98,712 35,170 19,354 2,579 13,908 3,448	25,960 208 326 538 63,345 — 3,902 83,973 34,139 21,339 423 12,650 3,160	27,635 631 201 858 68,776 4,259 80,414 30,774 19,887 1,512 12,845 2,837 4,338	22,817 447 207 681 57,046 — 1,082 73,706 24,270 19,350 1,266 12,178 3,107	20,006 358 185 563 52,745 — 302 70,838 24,237 16,476 2,921 11,070 3,245	15,562 182 83 237 51,444 — 79 66,308 23,112 16,518 1,744 8,478 2,342	11,662 81 25 120 78,371 — 442 80,401 31,061 20,849 1,847 8,411 2,169	13,166 154 49 246 44,884 — 882 62,685 23,117 12,395 1,444 6,776 2,100	15,7 2 31,6 49,6 20,3 11,4 1,1 5,5
(DOMESTIC) Operating Revenues—Total Passenger Freight Priority U.S. Mail Nonpriority U.S. Mail Express Charter Public Service Revenue Other Operating Expenses—Total Flying Operations Maintenance General Services and Administration Passenger Service Aircraft and Traffic Servicing Promotion and Sales Administrative	37,073 540 1,006 536 5,665 4,624 53,283 20,975 8,611 15 13,374 2,434 2,833 18,657	29,469 283 653 379 41,191 — 6,668 80,211 30,147 16,420 1,783 16,097 3,251 3,901	27,564 194 387 407 54,414 — 2,337 98,712 35,170 19,354 2,579 13,908 3,448 4,374	25,960 208 326 538 63,345 — 3,902 83,973 34,139 21,339 423 12,650 3,160 4,308	27,635 631 201 858 68,776 4,259 80,414 30,774 19,887 1,512 12,845 2,837	22,817 447 207 681 57,046 — 1,082 73,706 24,270 19,350 1,266 12,178 3,107 3,826	20,006 358 185 563 52,745 — 302 70,838 24,237 16,476 2,921 11,070 3,245 3,724	15,562 182 83 237 51,444 — 79 66,308 23,112 16,518 1,744 8,478 2,342 3,784	11,662 81 25 120 78,371 — 442 80,401 31,061 20,849 1,847 8,411 2,169 4,033	13,166 154 49 246 44,884 — 882 62,685 23,117 12,395 1,444 6,776 2,100 3,728	49,0 15,7 2 3 31,6 9 49,6 20,3 11,4 1,1 5,3 1,8 3,4 11,8 5,9

^{*} Breakdown waived in reporting required of these carriers.

TERRITORIAL J TERRITORIAL	•			* - * * * * * * * * * * * * * * * * * *							
INTERNATIONAL and TERRITORIAL AIRLINES	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
Operating Revenues—Total	1,954,206	2,109,183	1,949,766	1,769,682	1,474,480	1,210,875	1,040,020	931,452	810,446	722,390	684,621
Passenger	1,402,219	1,458,104	1,309,173	1,165,862	995,185	887,335	781,649	692,801	595,221	533,159	527,568
Freight	198,677	216,692	185,465	163,216	149,215	130,800	99,990	80,175	71,017	63,066	58,62
Priority U.S. Mail	56,352	68,363	68.815	94.055	96,683	63,170	56,943	57.697	53,905	45,361	40,19
Nonpriority U.S. Mail	49,191	57,172	55,922	49,596	33,373	16,989	11,527	13,613	13.030	10,457	3,19
Express	139	455	391	342	314	319	306	203	235	199	17
Charter	196,015	264,625	287.202	259.918	163.350	75,737	55,355	53,221	44.931	36.802	22.77
Public Service Revenue	2,354	2,705	2,606	1,400	1,753	1.999	2,851	2.679	3,433	3,709	4,14
Other	49,257	41,067	40,193	35,293	34,606	34,526	31,398	31,065	28,672	29,637	27,93
Operating Expenses—Total	1,936,371	2,012,046	1,747,946	1,496,540	1,220,894	1,001,362	896.187	799,462	723,853	698,685	639,32
Flying Operations	531,032	572,910	495,025	424,135	329,427	262,597	238,427	216,834	193,422	186,561	179,70
Maintenance	248,506	270,744	244,316	211,874	181,475	146,043	145,186	117,729	113,602	109,493	101,51
General Services and Administration	2 10,000	2,0,, 11	2.1,010		101,	2 10,0 10	1 10,100	117,720	,		,
Passenger Service	225,869	222.048	187,756	156,837	126,367	98,205	78,371	68.904	56,045	52,220	47,73
Aircraft and Traffic Servicing	339,216	332,126	281,377	238,244	194,943	161.691	142,773	122.803	111.892	103,275	98,2
Promotion and Sales	297,587	309.011	263.692	238,244	197,265	171,559	151,550	133,299	116,745	103,273	101.77
Administrative	104.653	110.148	94,899	81,298	67,894	61,198	51,729	44,383	40,790	35,326	32,3
			.,					,		298,148	280,0
Total	967,326	973,333	827,723	704,514	586,470	492,653	424,423	369,389	325,472	,	
Depreciation and Amortization	189,507	195,059	180,881	156,017	123,521	100,070	88,151	95,510	91,356	104,483	78,04
Net Operating Income	17,833	97,137	201,820	273,142	253,586	209,513	143,833	131,991	86,593	23,706	45,29
ALL-CARGO AIRLINES (International)											
Operating Revenues—Total	195,905	165,958	111,998	114,193	99,059	56,191	42,032	37,548	39,683	36,291	21,31
Passenger						45.000					0.00
Freight	57,494	38,474	28,067	23,440	19,471	15,999	14,506	14,472	11,747	9,388	8,96
Priority U.S. Mail	11,111	4,496	2,105	3,922	3,578	2,380	2,344	2,486	2,380	4,018	4,2
Nonpriority U.S. Mail	23,818	9,401	1,903	1,524	1,479	1,377	1,273	1,710	1,785	1,046	
Express	20	2	4	3	3	3	4	9	4	1	
Charter	96,108	111,260	78,273	83,957	72,839	31,777	20,704	17,807	23,275	21,694	7,7
Public Service Revenue		_				_	_				
Other	7,354	2,323	1,645	1,347	1,690	4,654	3,203	1,063	492	144	3
Operating Expenses—Total	171,207	151,797	103,632	100,425	78,791	45,782	35,790	33,674	36,543	37,890	26,3
Flying Operations	70,699	64,544	44,968	46,136	34,182	16,428	11,384	10,775	12,700	15,464	11,2
Maintenance	25,159	25,031	18,441	22,250	18,532	10,623	7,613	7,650	8,413	8,488	5,9
General Services and Administration											
Passenger Service	10,208	8,131	5,425	2,076	1,424	2,038	1,794	1,476	1,749	1,417	5
Aircraft and Traffic Servicing	32,881	26,722	16,429	14,493	11,356	7,072	5,239	4,777	5,001	4,819	3,9
Promotion and Sales	8,417	5,582	3,885	3,154	2,792	2,055	1,700	1,693	1,615	1,579	1,2
Administrative	10,016	7.122	5,196	4,750	3,744	2,375	2,887	2,261	2,367	2,034	1,6
Total	61,522	47,558	30,935	24,473	19,316	13,540	11,621	10,206	10,732	9,849	7,4
Depreciation and Amortization	13,828	14,664	9,288	7,565	6,761	5,190	5,173	5,043	4,699	4,089	1,5
p											(5,0

INCOME STATEMENT U.S. SCHEDULED AIRLINES

Total Operating Evenness (\$0000)	1301	1961	≟ 19€	1962	1963	1964	1965	1966	1967	1968	1969	1970	TOTAL INDUSTRY
Net Operating Income (\$0000	3,063,555 2,8	3,063,555	3,063,55	3,438,731	3,759,051	4,250,838	4,957,851		6,864,726	7,753,211	8,792,317	9,273,426	Total Operating Revenues (\$000)
Interest on Long Term Debt (\$000)	3,043,496 2,8											9,213,475	
Income Taxes (\$000)	20,059										,	59,951	Net Operating Income (\$000)
Net Profit or (Loss) (\$0000	93,982											383,982	
Profit Margin on Sales (%). Rate of Return on Investment (%). 1.5 3.2 4.9 7.6 11.0 12.0 9.8 6.1 5.2 POMESTIC TRUNK AIRLINES Total Operating Revenues (\$000). 6.272,775 5,754,222 5,039,441 4,419,436 3,660,900 3,263,556 2,790,877 2,451,915 2,250,094 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000	(3,375)											(48,292)	
Rate of Return on Investment (%)	(37,881)	(37,881)										•	
DOMESTIC TRUNK AIRLINES Total Operating Revenues (\$000)													Profit Margin on Sales (%)
Total Operating Revenues (\$000)	1.6	1.6	<u>'</u> 1	5.2	6.1	9.8	12.0	11.0	7.6	4.9	3.2	1.5	Rate of Return on Investment (%)
Total Operating Expenses (\$000)													OOMESTIC TRUNK AIRLINES
Net Operating Income (\$000)	2,026,368 1,9	2,026,368	1 2,026,36	2,250,094	2,451,915	2,790,877	3,263,556	3,660,900	4,419,436	5,039,441	5,754,222	6,272,775	Total Operating Revenues (\$000)
Interest on Long Term Debt (\$000)	2,037,485 1,9	2,037,485	3 2,037,48	2,175,166	2,322,682	2,494,035	2,847,308	3,207,198	4,009,331	4,719,364	5,449,860	6,256,039	Total Operating Expenses (\$000)
Income Taxes (\$000)	(11,118)	(11,118)	3 (11,17	74,928	129,233	296,841	416,249	453,703	410,106	320,077	304,362		Net Operating Income (\$000)
Net Profit or (Loss) (\$000)	61,569	61,569	₽ 61,5€	72,364		69,260	73,222	81,065	88,475	131,174	163,295	222,224	
Profit Margin on Sales (%)	(12,865)	(12,865)) (12,86	22,360	59,640	110,250			145,250			(41,130)	
Rate of Return on Investment (%)	(34,568)	(34,568)								126,521		(100,414)	Net Profit or (Loss) (\$000)
Total Operating Revenues (\$000)	_	_											Profit Margin on Sales (%)
Total Operating Revenues (\$000) 717,952 612,457 501,308 399,716 348,332 291,374 253,728 225,975 206,099 Total Operating Expenses (\$000) 711,693 628,517 510,518 399,025 324,866 267,283 236,762 214,015 192,724 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,000 194,00	1.0	1.0	′ 1	3.7	3.9	9.1	11.2	9.7	6.9	4.9	4.2	1.5	Rate of Return on Investment (%)
Total Operating Expenses (\$000)													OCAL SERVICE AIRLINES
Total Operating Expenses (\$000)	177,056	177,056	177,05	206,099	225,975	253,728	291,374	348,332	399,716	501,308	612,457	717,952	Total Operating Revenues (\$000)
Net Operating Income (\$000)	167,697	167,697	167,69	192,724	214,015	236,762	267,283	324,866	399,025	510,518	628,517		Total Operating Expenses (\$000)
Interest on Long Term Debt (\$000)	9,359	9,359	1 9,35	13,374	11,959	16,966	24,091	23,467	691		(16,060)	6,259	Net Operating Income (\$000)
Income Taxes (\$000)	3,277	3,277	3,27	3,748	3,905	4,160	5,189	7,796	17,697	31,151	41,495		Interest on Long Term Debt (\$000)
Profit Margin on Sales (%)	3,147			5,263	4,374	5,948		6,558	(3,289)	(9,091)	(5,707)	(1,572)	
Profit Margin on Sales (%)	4,841	4,841	2 4,84	5,962	4,872	7,776	12,722	10,376	(4,472)	(29,800)	(62,858)	(37,448)	Net Profit or (Loss) (\$000)
NTRA-HAWAIIAN AIRLINES Total Operating Revenues (\$000)	2.7	2.7) 2	2.9		3.1	4.4	3.0		· —		· —	Profit Margin on Sales (%)
Total Operating Revenues (\$000).	11.1	11.1) 11	11.0	8.8	9.4	10.4	7.2	2.4	(0.4)	(4.2)	(3.5)	Rate of Return on Investment (%)
Total Operating Expenses (\$000)													NTRA-HAWAIIAN AIRLINES
Total Operating Expenses (\$000)	14,085	14.085) 14.08	13.780	15.499	17.898	20,439	23,318	26,287	29,746	35,744	44.399	Total Operating Revenues (\$000)
Net Operating Income (\$000) 476 (2,771) (707) (241) 1,173 1,911 1,375 809 551 Interest on Long Term Debt (\$000) 2,586 1,553 1,013 772 527 468 417 485 445 Income Taxes (\$000) — — — (482) (385) 206 568 139 — 28 Net Profit or (Loss) (\$000) (3,115) (4,228) (1,533) (1,039) 479 980 868 (213) (50) Profit Margin on Sales (%) — — — — — 2.1 4.8 4.8 — — Rate of Return on Investment (%) (3.8) (10.5) (1.4) 2.8 6.4 11.1 13.3 2.0 3.4 NTRA-ALASKAN AIRLINES Total Operating Revenues (\$000) 28,600 25,704 21,967 24,407 22,357 22,002 21,950 20,225 18,735 Total Operating Expenses (\$000) 26,633 23,80	13,456								26,528				Total Operating Expenses (\$000)
Interest on Long Term Debt (\$000)	629	629	62	[′] 551	809	1,375	1,911	1,173	(241)	(707)	(2,771)	476	Net Operating Income (\$000)
Income Taxes (\$000)	516	516	5!	445	485	417	[′] 468	527	772	1,013	1,553	2,586	Interest on Long Term Debt (\$000)
Profit Margin on Sales (%)			3 -	28		139		206		(482)	·	· —	
Profit Margin on Sales (%) — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — </td <td>133</td> <td>133</td> <td>J) 13</td> <td>(50)</td> <td>(213)</td> <td>868</td> <td></td> <td>479</td> <td>(1,039)</td> <td>(1,533)</td> <td>(4,228)</td> <td>(3,115)</td> <td>Net Profit or (Loss) (\$000)</td>	133	133	J) 13	(50)	(213)	868		479	(1,039)	(1,533)	(4,228)	(3,115)	Net Profit or (Loss) (\$000)
NTRA-ALASKAN AIRLINES Total Operating Revenues (\$000) 28,600 25,704 21,967 24,407 22,357 22,002 21,950 20,225 18,735 Total Operating Expenses (\$000) 26,633 23,802 20,719 23,241 20,306 20,587 20,310 19,353 17,421 Net Operating Income (\$000) 1,967 1,902 1,248 1,166 2,051 1,415 1,640 872 1,314 Interest on Long Term Debt (\$000) 1,258 1,255 279 333 336 299 260 290 288 Income Taxes (\$000) 271 335 293 587 933 701 613 457 563	0.9					4.8	4.8	2.1			•		Profit Margin on Sales (%)
Total Operating Revenues (\$000) 28,600 25,704 21,967 24,407 22,357 22,002 21,950 20,225 18,735 Total Operating Expenses (\$000) 26,633 23,802 20,719 23,241 20,306 20,587 20,310 19,353 17,421 Net Operating Income (\$000) 1,967 1,902 1,248 1,166 2,051 1,415 1,640 872 1,314 Interest on Long Term Debt (\$000) 1,258 1,255 279 333 336 299 260 290 288 Income Taxes (\$000) 271 335 293 587 933 701 613 457 563	5.7	5.7	1 5	3.4	2.0	13.3	11.1	6.4	2.8	(1.4)	(10.5)	(3.8)	Rate of Return on Investment (%)
Total Operating Revenues (\$000) 28,600 25,704 21,967 24,407 22,357 22,002 21,950 20,225 18,735 Total Operating Expenses (\$000) 26,633 23,802 20,719 23,241 20,306 20,587 20,310 19,353 17,421 Net Operating Income (\$000) 1,967 1,902 1,248 1,166 2,051 1,415 1,640 872 1,314 Interest on Long Term Debt (\$000) 1,258 1,255 279 333 336 299 260 290 288 Income Taxes (\$000) 271 335 293 587 933 701 613 457 563													NTRA-ALASKAN AIRLINES
Total Operating Expenses (\$000) 26,633 23,802 20,719 23,241 20,306 20,587 20,310 19,353 17,421 Net Operating Income (\$000) 1,967 1,902 1,248 1,166 2,051 1,415 1,640 872 1,314 Interest on Long Term Debt (\$000) 1,258 1,255 279 333 336 299 260 290 288 Income Taxes (\$000) 271 335 293 587 933 701 613 457 563	18,867	18.867	18.86 ز	18.735	20,225	21,950	22,002	22,357	24,407	21.967	25,704	28,600	
Net Operating Income (\$000) 1,967 1,902 1,248 1,166 2,051 1,415 1,640 872 1,314 Interest on Long Term Debt (\$000) 1,258 1,255 279 333 336 299 260 290 288 Income Taxes (\$000) 271 335 293 587 933 701 613 457 563	16,192												
Interest on Long Term Debt (\$000) 1,258 1,255 279 333 336 299 260 290 288 Income Taxes (\$000) 271 335 293 587 933 701 613 457 563	2,675												Net Operating Income (\$000)
Income Taxes (\$000) 271 335 293 587 933 701 613 457 563	296												Interest on Long Term Debt (\$000)
	1,417				457	613	701	933	587			,	
Net Profit or (Loss) (\$000)	914			531	221	1,171	470	1,032	160	1,429	488	424	Net Profit or (Loss) (\$000)
Profit Margin on Sales (%) 1.5 1.9 6.5 0.7 4.6 2.1 5.3 1.1 2.8	4.8												Profit Margin on Sales (%)
Rate of Return on Investment (%)	13.8				4.7			12.5					

INCOME STATEMENT U.S. SCHEDULED AIRLINES

HELICOPTER AIRLINES	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
Total Operating Revenues (\$000)	8,988	9,175	12,870	16,506	14,232	11,135	10,174	8,637	8,583	8,603	8,601
Total Operating Expenses (\$000)	12,754	14,330	16,177	17,249	14,929	11,369	10,295	8,839	8,835	8,808	8,382
Net Operating Income (\$000)	(3,766)	(5,155)	(3,307)	(743)	(697)	(233)	(121)	(202)	(252)	(205)	219
Interest on Long Term Debt (\$000)	519	654	404	512	375	388	318	303	233	49	59
Income Taxes (\$000)	(2)	(34)	(11)	(56)	(256)	166	85	(107)	(223)	(78)	92
Net Profit or (Loss) (\$000)	(4,051)	(6,853)	(3,100)	(888)	(561)	(438)	(197)	(154)	89	(46)	150
Profit Margin on Sales (%)	_			_	_				1.0		1.7
Rate of Return on Investment (%)	n.a.	(85.5)	(24.8)	(2.7)	(2.7)	(1.5)	0.7	1.1	3.1	(0.7)	3.9
ALL-CARGO AIRLINES (DOMESTIC	;)										
Total Operating Revenues (\$000)	49,445	78,642	85,303	94,279	102,360	82,279	74,158	67,586	90,702	59,380	49,028
Total Operating Expenses (\$000)	53,283	80,211	98,712	83,973	80,414	73,706	70,838	66,308	80,401	62,685	49,603
Net Operating Income (\$000)	(3,838)	(1,569)	(13,408)	10,305	21,946	8,573	3,319	1,279	10,301	(3,305)	(575)
Interest on Long Term Debt (\$000)	4,260	7,734	3,946	2,188	3,002	3,789	3,824	4,302	4,775	2,366	1,240
Income Taxes (\$000)	296	264	(7,243)	3,205	8,467	3,280	636	(545)	4,108	(540)	187
Net Profit or (Loss) (\$000)	(9,108)	(7,906)	(10,838)	4,851	12,245	2,720	(1)	(1,290)	4,355	(4,577)	(1,128)
Profit Margin on Sales (%)		-	_	5.1	12.0	3.3	_	_	4.8	_	
Rate of Return on Investment (%)	(6.5)	(0.9)	(4.9)	5.3	17.1	7.2	4.0	2.8	9.8	(4.9)	0.1
INTERNATIONAL AND TERRITORIA	L										
Total Operating Revenues (\$000)	1,954,206	2,109,183	1,949,766	1,769,682	1,474,480	1,210,875	1,040,020	931,452	810,446	722,390	684,621
Total Operating Expenses (\$000)	1,936,371	2,012,046	1,747,946	1,496,540	1,220,894	1,001,362	896,187	799,462	723,853	698,685	639,328
Net Operating Income (\$000)	17,833	97,137	201,820	273,142	253,586	209,513	143,833	131,991	86,593	23,706	45,293
Interest on Long Term Debt (\$000)	95,201	56,632	50,366	36,941	30,641	25,896	22,980	24,234	26,337	24,275	16,715
Income Taxes (\$000)	(12,333)	26,247	62,512	88,620	94,945	73,572	56,418	50,287	32,885	5,558	18,818
Net Profit or (Loss) (\$000)	(36,210)	40,604	122,957	163,108	149,890	121,883	76,73 1	63,012	33,073	(2,263)	16,216
Profit Margin on Sales (%)	_	1.9	6.3	9.2	10.2	10.1	7.4	6.8	4.1	_	2.4
Rate of Return on Investment (%)	2.6	3.3	7.5	11.1	14.6	15.0	12.2	12.1	8.1	2.6	5.2
ALL-CARGO AIRLINES (INTERNATI	IONAL)					No.					
Total Operating Revenues (\$000)	195,905	165,958	111,998	114,193	99,059	56,191	42,032	37,548	39,683	36,291	21,317
Total Operating Expenses (\$000)	171,207	151,797	103,632	100,425	78,791	45,782	35,790	33,674	36,543	37,890	26,332
Net Operating Income (\$000)	24,698	14,161	8,366	13,768	20,269	10,409	6,242	3,874	3,139	(1,599)	(5,015)
Interest on Long Term Debt (\$000)	16,783	10,684	3,526	2,846	2,801	2,876	3,039	2,874	2,841	1,628	583
Income Taxes (\$000)	5,595	1,128	816	2,278	3,216	´—	<i>_</i>	<i>_</i>	· -	·	(5)
Net Profit or (Loss) (\$000)	1,244	2,949	4,274	9,213	15,536	6,892	2,462	(1,072)	118	(2,240)	(7,945)
Profit Margin on Sales (%)	0.6	1.8	3.8	8.1	15.6	12.3	5.9	· —	0.3	·	·
Rate of Return on Investment (%)	7.0	6.2	6.2	13.6	33.0	21.7	11.6	3.1	6.0	(3.0)	(72.3)
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BALANCE SHEET U.S. Scheduled Airlines (In Thousands of Dollars)

B-

		At Dece	mber 31				At Dece	mber 31	
TOTAL INDUSTRY	1970	1969	1965	1960	DOMESTIC TRUNK AIRLINES	1970	1969	1965	1960
Assets					Assets				
Current Assets	2,448,135	2,403,876	1,528,691	929,117	Current Assets	1,782,773	1,762,759	1,155,376	681,196
Investments and Special Funds	1,282,724	1,475,942	469,755	210,788	Investments and Special Funds	998,265	1,074,408	325,334	130,063
Flight Equipment	10,949,592	9,943,369	5,024,466	3,089,137	Flight Equipment	8,465,213	7,679,955	3,864,965	2,327,772
Reserve for Depreciation and Airworthiness	(3,487,102)	(3,024,983)	(1,920,203)	(1,208,641)	Reserve for Depreciation and Airworthiness	(2,846,775)	(2,458,250)	(1,509,256)	(926,748)
Ground Property and Equipment	1,598,758	1,227,124	620,525	395,349	Ground Property and Equipment	~ 1,271,156	962,063	479,091	318,308
Reserve for Depreciation	(632,221)	(534,908)	(320,740)	(193,642)	Reserve for Depreciation	(486,060)	(410,698)	(250,723)	(153,437)
Other Property	427,657	348,209	101,094	117,289	Other Property	251,616	231,076	65,734	104,311
Deferred Charges	324,878	232,833	77,741	108,814	Deferred Charges	142,923	129,396	35,347	67,632
Total Assets	12,912,421	12,071,464	5,581,330	3,448,211	Total Assets	9,579,112	8,970,709	4,165,869	2,549,097
Liabilities					Liabilities				
Current Liabilities	2,348,595	2,161,368	1,125,262	707,362	Current Liabilities	1,652,418	1,514,186	789,602	499,245
Long-Term Debt	6,096,967	5,430,788	2,149,837	1,507,543	Long-Term Debt	4,280,487	3,755,808	1,569,918	1,069,651
Other Non-Current Liabilities	314,603	251,921	20,933	106,658	Other Non-Current Liabilities	260,873	246,226	15,454	103,438
Deferred Credit	1,063,536	986,791	449,456	116,008	Deferred Credit	900,192	843,072	377,687	137,751
Stockholders' Equity—Net of Treasury Stock	3,088,720	3,240,595	1,835,841	960,640	Stockholders' Equity—Net of Treasury Stock	2,485,143	2,611,418	1,386,207	739,012
Preferred Stock	36,153	36,330	19,135	21,973	Preferred Stock	24,199	24,172	16,134	18,864
Common Stock	259,840	264,688	264,199	170,618	Common Stock	197,001	195,352	191,742	119,911
Other Paid-In Capital	1,407,801	1,318,310	623,975	389,920	Other Paid-In Capital	994,378	985,496	470,160	278,465
Retained Earnings	1,386,847	1,623,191	931,108	380,398	Retained Earnings	1,270,504	1,407,338	709,203	322,391
Less: Treasury Stock	1,922	1,922	2,575	2,270	Less: Treasury Stock	939	939	1,031	619
Total Liabilities and Equity	12,912,421	12,071,464	5,581,330	3,448,211	Total Liabilities and Equity	9,579,112	8,970,709	4,165,869	2,549,097

For notes to statistical tables see page 45.

BALANCE SHEET U.S. Scheduled Airlines (In Thousands of Dollars)

		At Dece	mber 31				At December 31				
LOCAL SERVICE AIRLINES	1970	1969	1965	1960	INTRA-HAWAIIAN AIRLINES	1970	1969	1965	1960		
Assets					Assets						
Current Assets	193,057	166,344	85,449	38,131	Current Assets	9,245	8,116	6,465	4,309		
Investments and Special Funds	19,813	20,984	19,553	2,487	Investments and Special Funds	85	1,527	1,963	56		
Flight Equipment	666,478	654,960	191,980	82,394	Flight Equipment	31,416	30,729	13,330	12,980		
Reserve for Depreciation and Airworthiness	(153,636)	(114,246)	(59,423)	(29,867)	Reserve for Depreciation and Airworthiness	(11,123)	(8,246)	(6,174)	(4,261		
Ground Property and Equipment	65,199	51,808	22,779	11,472	Ground Property and Equipment	6,459	6,116	3,446	2,231		
Reserve for Depreciation	(29,545)	(25,121)	(12,385)	(5,779)	Reserve for Depreciation	(3,209)	(2,760)	(1,616)	(1,273		
Other Property	20,711	21,786	8,343	1,147	Other Property	2,813	3,069	638	96		
Deferred Charges	118,895	46,819	6,233	4,514	Deferred Charges	2,693	2,643	760	1,086		
Total Assets	900,973	823,333	262,531	104,499	Total Assets	38,378	41,195	18,812	15,224		
Liabilities					Liabilities						
Current Liabilities	234,143	230,440	68,766	43,031	Current Liabilities	14,677	14,242	4,897	4,709		
Long-Term Debt	516,592	521,040	112,039	43,781	Long-Term Debt	18,900	19,368	8,240	7,393		
Other Non-Current Liabilities	18,524	447	57	159	Other Non-Current Liabilities	946	747	120			
Deferred Credit	9,433	2,052	4,297	441	Deferred Credit	146	13	335	41		
Stockholders' Equity—Net of Treasury Stock	122,281	69,354	77,372	17,087	Stockholders' Equity—Net of Treasury Stock	3,709	6,824	5,221	3,081		
Preferred Stock	11,641	11,832	952	163	Preferred Stock	70	83	573	1,613		
Common Stock	21,017	23,476	17,505	8,434	Common Stock	6,265	6,252	2,852	1,317		
Other Paid-In Capital	169,561	102,553	27,628	7,474	Other Paid-In Capital	6,592	6,591	1,405	1,792		
Retained Earnings	(79,931)	(68,500)	31,323	1,089	Retained Earnings	(9,217)	(6,102)	391	(1,64)		
Less: Treasury Stock	7	7	35	73	Less: Treasury Stock	****					
Total Liabilities and Equity	900,973	823,333	262,531	104,499	Total Liabilities and Equity	38,378	41,195	18,812	15,224		

BALANCE SHEET U.S. Scheduled Airlines (In Thousands of Dollars)

		At Decer	mber 31			At December 31				
INTRA-ALASKAN AIRLINES	1970	1969	1965	1960	HELICOPTER AIRLINES	1970	1969	1965	1960	
Assets					Assets					
Current Assets	9,922	9,150	6,623	4,272	Current Assets	3,267	3,574	5,856	3,236	
Investments and Special Funds	1,090	1,694	682	564	Investments and Special Funds	373	372	736	471	
Flight Equipment	27,788	27,083	12,203	8,294	Flight Equipment	8,383	9,417	10,363	5,612	
Reserve for Depreciation and Airworthiness	(8,863)	(7,719)	(6,945)	(3,594)	Reserve for Depreciation and Airworthiness	(3,965)	(4,328)	(3,995)	(3,021)	
Ground Property and Equipment	8,664	7,887	5,842	3,725	Ground Property and Equipment	1,799	1,777	1,919	986	
Reserve for Depreciation	(3,847)	(3,317)	(2,816)	(1,631)	Reserve for Depreciation	(1,169)	(1,078)	(1,160)	(588)	
Other Property	136	211	1,059	137	Other Property	815	574	241	50	
Deferred Charges	1,836	1,870	635	346	Deferred Charges	583	525	1,205	580	
Total Assets	36,725	36,859	17,285	12,113	Total Assets	10,086	10,832	15,165	7,326	
Liabilities					Liabilities		,			
Current Liabilities	5,721	5,464	5,437	3,905	Current Liabilities	11,710	6,613	5,015	1,762	
Long-Term Debt	16,973	17,588	4,085	4,081	Long-Term Debt	6,503	9,007	4,352	300	
Other Non-Current Liabilities	60	70	173	59	Other Non-Current Liabilities	625	316	5	55	
Deferred Credit	302	303	242	22	Deferred Credit	348	70	403	199	
Stockholders' Equity—Net of Treasury Stock	13,669	13,435	7,348	4,046	Stockholders' Equity—Net of Treasury Stock	(9,100)	(5,173)	5,390	5,010	
Preferred Stock			485		Preferred Stock					
Common Stock	3,382	3,381	2,552	2,346	Common Stock	3,790	3,855	2,963	957	
Other Paid-In Capital	3,088	3,131	487	184	Other Paid-In Capital	3,955	3,764	2,648	2,672	
Retained Earnings	7,200	6,923	3,824	1,516	Retained Earnings	(16,845)	(12,793)	(221)	1,381	
Less: Treasury Stock					Less: Treasury Stock					
Total Liabilities and Equity	36,725	36,859	17,285	12,113	Total Liabilities and Equity	10,086	10,832	15,165	7,326	

BALANCE SHEET U.S. Scheduled Airlines (In Thousands of Dollars)

-	At December		ber 31	INTERNATIONAL AND			At December 31				
ALL-CARGO AIRLINES	1970	1969	1965	1960	TERRITORIAL AIRLINES	1970	1969	1965	1960		
Assets					Assets						
Current Assets	76,826	91,734	38,903	18,677	Current Assets	373,044	361,606	230,019	179,258		
Investments and Special Funds	48,404	25,688	8,827	28,394	Investments and Special Funds	214,694	351,267	112,659	48,752		
Flight Equipment	259,575	312,916	192,603	54,884	Flight Equipment	1,490,739	1,227,268	739,019	596,836		
Reserve for Depreciation and Airworthiness	(43,926)	(51,630)	(71,827)	(25,425)	Reserve for Depreciation and Airworthiness	(418,814)	(379,920)	(262,583)	(215,519)		
Ground Property and Equipment	28,169	24,996	7,547	4,050	Ground Property and Equipment	217,312	172,176	99,902	54,502		
Reserve for Depreciation	(9,904)	(7,935)	(4,135)	(2,438)	Reserve for Depreciation	(98,487)	(83,893)	(47,905)	(28,475)		
Other Property	30,498	21,490	4,548	6,231	Other Property	121,068	69,138	20,534	5,317		
Deferred Charges	17,864	21,777	7,202	3,532	Deferred Charges	40,085	29,795	26,355	31,117		
Total Assets	407,505	439,035	183,667	87,905	Total Assets	1,939,641	1,747,438	918,000	671,788		
Liabilities					Liabilities						
Current Liabilities	58,553	64,232	41,718	17,340	Current Liabilities	371,372	324,940	209,828	137,215		
Long-Term Debt	210,108	261,161	85,707	46,797	Long-Term Debt	1,047,404	846,159	338,496	335,540		
Other Non-Current Liabilities	27,876	1,325	2,555	379	Other Non-Current Liabilities	5,700	2,717	2,569	2,568		
Deferred Credit	35,579	29,343	9,777	2,615	Deferred Credit	117,536	111,906	56,714	24,924		
Stockholders' Equity—Net of Treasury Stock	75,388	82,975	43,910	20,774	Stockholders' Equity—Net of Treasury Stock	397,629	461,716	310,392	171,541		
Preferred Stock	244	244	991	1,192	Preferred Stock				141		
Common Stock	15,893	20,436	26,522	15,325	Common Stock	12,493	11,917	20,064	22,293		
Other Paid-In Capital	39,816	34,996	15,128	20,569	Other Paid-In Capital	190,413	181,535	106,519	78,764		
Retained Earnings	19,680	27,545	1,269	(16,306)	Retained Earnings	195,456	268,997	185,319	71,915		
Less: Treasury Stock	244	244		6	Less: Treasury Stock	733	733	1,509	1,572		
Total Liabilities and Equity	407,505	439,035	183,667	87,905	Total Liabilities and Equity	1,939,641	1,747,438	918,000	671,788		

UNIT REVENUES AND COSTS

ASSENGER REVENUES COMPARED	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	196
verage Revenue Per Revenue Passenger Mile	Intercity (Common Car	riers								
n Cents Per Mile)											
U.S. Scheduled Airlines											
Domestic—First Class	8.27	7.87	7.32	7.24	7.24	7.33	7.26	7.17	7.57	7.34	7.
Coach	5.42	5.38	5.11	5.13	5.28	5.52	5.58	5.62	5.76	5.42	5.
Total	5.96	5.90	5.61	5.64	5.83	6.06	6.12	6.17	6.45	6.28	6
International—First Class	8.01	7.50	7.42	7.59	7.60	7.62	8.16	8.56	8.42	8.44	8
Tourist	4.76	4.63	4.65	4.71	4.85	5.00	5.12	5,47	5.43	5.50	5
Total	5.09	4.95	4.95	5.01	5.16	5.29	5.45	5.82	5.87	6.08	6
Total	5.78	5.68	5.46	5.49	5.67	5.87	5.95	6.09	6.31	6.24	e
	3.70	5.00	J. T U	0.43	0.07	0.07	0.00	0.00	0.01	V ·	
Railroads, Class I						0.07	0.01	4.00	2.07	2.04	
First Class	4.27	4.08	3.88	3.76	3.84	3.87	3.91	4.00	3.97	3.94	;
Coach	3.98	3.56	3.24	3.02	2.99	3.00	3.00	3.00	2.89	2.84	:
Motor Buses, Class I	3.60	3.39	3.18	2.98	2.89	2.88	2.74	2.72	2.71	2.70	:
REIGHT REVENUES COMPARED											
verage Revenue Per Ton Mile—Intercity Com	imon Carriei	rs							-		
n Cents Per Mile)											
Leading U.S. Scheduled Airlines											
				10.00	20 21	20.46	20.97	21.72	21.31	22.08	2
Domestic	21.88	21.09	19.97	19.89	20.21						
DomesticInternational	21.88 19.60	21.09 18.45	19.97 18.83	19.89	19.92	20.76	23.60	24.78	25.04	27.83	2
											2
International	19.60	18.45	18.83	19.63	19.92	20.76	23.60	24.78	25.04	27.83	2
InternationalTotal	19.60 21.01	18.45 19.96	18.83 19.51	19.63 19.79	19.92 20.09	20.76 20.58	23.60 21.95	24.78 22.86	25.04 22.69	27.83 24.12	2
International Total Railroads, Class I Trucks, Class I and II	19.60 21.01 1.43 7.30 ^E	18.45 19.96 1.35 6.90 ^E	18.83 19.51 1.31 6.90 ^p	19.63 19.79 1.27	19.92 20.09 1.26	20.76 20.58 1.27	23.60 21.95 1.28	24.78 22.86 1.31	25.04 22.69 1.35	27.83 24.12 1.37	2:
International Total Railroads, Class I	19.60 21.01 1.43 7.30 ^E	18.45 19.96 1.35 6.90 ^E	18.83 19.51 1.31 6.90 ^p	19.63 19.79 1.27	19.92 20.09 1.26	20.76 20.58 1.27	23.60 21.95 1.28	24.78 22.86 1.31	25.04 22.69 1.35	27.83 24.12 1.37	2! 2!
International	19.60 21.01 1.43 7.30 ^E	18.45 19.96 1.35 6.90 ^E	18.83 19.51 1.31 6.90 ^p	19.63 19.79 1.27	19.92 20.09 1.26	20.76 20.58 1.27	23.60 21.95 1.28	24.78 22.86 1.31	25.04 22.69 1.35	27.83 24.12 1.37	2! 2!
International Total Railroads, Class I Trucks, Class I and II Trucks, Class I and II Cents Per Mile) Domestic Service	19.60 21.01 1.43 7.30 ^E	18.45 19.96 1.35 6.90 ^E VENUE TO	18.83 19.51 1.31 6.90 ^p	19.63 19.79 1.27	19.92 20.09 1.26	20.76 20.58 1.27	23.60 21.95 1.28	24.78 22.86 1.31	25.04 22.69 1.35	27.83 24.12 1.37	21
International Total Railroads, Class I Trucks, Class I and II	19.60 21.01 1.43 7.30 ^E T PER RE	18.45 19.96 1.35 6.90 ^E VENUE TO 51.90	18.83 19.51 1.31 6.90 P N MILE	19.63 19.79 1.27 6.60	19.92 20.09 1.26 6.60	20.76 20.58 1.27 6.10	23.60 21.95 1.28 6.50	24.78 22.86 1.31 6.30	25.04 22.69 1.35 6.40	27.83 24.12 1.37 6.30	2 2 2
International Total Railroads, Class I Trucks, Class I and II RLINE REVENUE, COST AND PROFIT Cents Per Mile) Domestic Service	19.60 21.01 1.43 7.30 ^E	18.45 19.96 1.35 6.90 ^E VENUE TO	18.83 19.51 1.31 6.90 P	19.63 19.79 1.27 6.60	19.92 20.09 1.26 6.60	20.76 20.58 1.27 6.10	23.60 21.95 1.28 6.50	24.78 22.86 1.31 6.30	25.04 22.69 1.35 6.40	27.83 24.12 1.37 6.30	2 2 2 5 5
International Total Total Railroads, Class I Trucks, Class I and II	19.60 21.01 1.43 7.30 E T PER REV 51.58 51.45	18.45 19.96 1.35 6.90 E VENUE TO 51.90 49.67	18.83 19.51 1.31 6.90 P N MILE 49.66 47.00 2.66	19.63 19.79 1.27 6.60 49.90 45.67	19.92 20.09 1.26 6.60 51.79 45.57	20.76 20.58 1.27 6.10	23.60 21.95 1.28 6.50 56.58 50.87 5.71	24.78 22.86 1.31 6.30 57.75 54.77 2.98	25.04 22.69 1.35 6.40 58.29 56.03 2.26	27.83 24.12 1.37 6.30 59.11 59.17 (00.06)	2: 2: 5: 5:
International	19.60 21.01 1.43 7.30 E T PER REV 51.58 51.45	18.45 19.96 1.35 6.90 E VENUE TO 51.90 49.67	18.83 19.51 1.31 6.90 ° N MILE 49.66 47.00	19.63 19.79 1.27 6.60 49.90 45.67	19.92 20.09 1.26 6.60 51.79 45.57	20.76 20.58 1.27 6.10	23.60 21.95 1.28 6.50	24.78 22.86 1.31 6.30 57.75 54.77 2.98	25.04 22.69 1.35 6.40 58.29 56.03 2.26	27.83 24.12 1.37 6.30 59.11 59.17 (00.06)	2: 2: 5: 5: 5:
International	19.60 21.01 1.43 7.30 ^E T PER REV 51.58 51.45 00.13	18.45 19.96 1.35 6.90 E VENUE TO 51.90 49.67 2.23	18.83 19.51 1.31 6.90 P N MILE 49.66 47.00 2.66	19.63 19.79 1.27 6.60 49.90 45.67 4.23	19.92 20.09 1.26 6.60 51.79 45.57 6.22	20.76 20.58 1.27 6.10 54.48 47.81 6.67	23.60 21.95 1.28 6.50 56.58 50.87 5.71	24.78 22.86 1.31 6.30 57.75 54.77 2.98	25.04 22.69 1.35 6.40 58.29 56.03 2.26	27.83 24.12 1.37 6.30 59.11 59.17 (00.06)	2: 2: 5: 5: 5:
International	19.60 21.01 1.43 7.30 ^E T PER REV 51.58 51.45 00.13	18.45 19.96 1.35 6.90 ^E VENUE TO 51.90 49.67 2.23	18.83 19.51 1.31 6.90 P N MILE 49.66 47.00 2.66	19.63 19.79 1.27 6.60 49.90 45.67 4.23	19.92 20.09 1.26 6.60 51.79 45.57 6.22	20.76 20.58 1.27 6.10 54.48 47.81 6.67	23.60 21.95 1.28 6.50 56.58 50.87 5.71	24.78 22.86 1.31 6.30 57.75 54.77 2.98	25.04 22.69 1.35 6.40 58.29 56.03 2.26	27.83 24.12 1.37 6.30 59.11 59.17 (00.06)	29 29 55 55
International Total Railroads, Class I Trucks, Class I and II and	19.60 21.01 1.43 7.30 ^E T PER RE 51.58 51.45 00.13 33.72 33.05	18.45 19.96 1.35 6.90 E VENUE TO 51.90 49.67 2.23 30.61 29.11	18.83 19.51 1.31 6.90 P N MILE 49.66 47.00 2.66	19.63 19.79 1.27 6.60 49.90 45.67 4.23	19.92 20.09 1.26 6.60 51.79 45.57 6.22 35.87 29.63	20.76 20.58 1.27 6.10 54.48 47.81 6.67 40.60 33.56	23.60 21.95 1.28 6.50 56.58 50.87 5.71 44.80 38.59 6.21	24.78 22.86 1.31 6.30 57.75 54.77 2.98 47.76 41.06 6.70	25.04 22.69 1.35 6.40 58.29 56.03 2.26 47.30 42.31 4.99	27.83 24.12 1.37 6.30 59.11 59.17 (00.06) 50.73 49.25 1.48	29 29 55 5
International Total Railroads, Class I Trucks, Class I and II IRLINE REVENUE, COST AND PROFINATION Cents Per Mile) Domestic Service Unit Revenue Unit Cost Operating Profit Margin International and Territorial Service Unit Revenue Unit Cost Operating Profit Margin	19.60 21.01 1.43 7.30 ^E T PER RE 51.58 51.45 00.13 33.72 33.05	18.45 19.96 1.35 6.90 E VENUE TO 51.90 49.67 2.23 30.61 29.11	18.83 19.51 1.31 6.90 P N MILE 49.66 47.00 2.66	19.63 19.79 1.27 6.60 49.90 45.67 4.23	19.92 20.09 1.26 6.60 51.79 45.57 6.22 35.87 29.63	20.76 20.58 1.27 6.10 54.48 47.81 6.67 40.60 33.56	23.60 21.95 1.28 6.50 56.58 50.87 5.71 44.80 38.59	24.78 22.86 1.31 6.30 57.75 54.77 2.98 47.76 41.06 6.70	25.04 22.69 1.35 6.40 58.29 56.03 2.26 47.30 42.31 4.99	27.83 24.12 1.37 6.30 59.11 59.17 (00.06) 50.73 49.25 1.48	29 29 55 55 55
International Total Railroads, Class I Trucks, Class I and II IRLINE REVENUE, COST AND PROFIT Cents Per Mile) Domestic Service Unit Revenue Unit Cost Operating Profit Margin International and Territorial Service Unit Revenue Unit Cost Operating Profit Margin Total Industry	19.60 21.01 1.43 7.30 E T PER REV 51.58 51.45 00.13 33.72 33.05 00.67	18.45 19.96 1.35 6.90 E VENUE TO 51.90 49.67 2.23 30.61 29.11 1.50	18.83 19.51 1.31 6.90 F N MILE 49.66 47.00 2.66 31.12 27.82 3.30	19.63 19.79 1.27 6.60 49.90 45.67 4.23 33.04 28.01 5.03	19.92 20.09 1.26 6.60 51.79 45.57 6.22 35.87 29.63 6.24	20.76 20.58 1.27 6.10 54.48 47.81 6.67 40.60 33.56 7.04	23.60 21.95 1.28 6.50 56.58 50.87 5.71 44.80 38.59 6.21	24.78 22.86 1.31 6.30 57.75 54.77 2.98 47.76 41.06 6.70	25.04 22.69 1.35 6.40 58.29 56.03 2.26 47.30 42.31 4.99	27.83 24.12 1.37 6.30 59.11 59.17 (00.06) 50.73 49.25 1.48	54 55 55 55 55
International Total Railroads, Class I Trucks, Class I and II IRLINE REVENUE, COST AND PROFIT Cents Per Mile) Domestic Service Unit Revenue Unit Cost Operating Profit Margin International and Territorial Service Unit Revenue Unit Cost Operating Profit Margin International Profit Margin International Industry Unit Cost	19.60 21.01 1.43 7.30 E T PER REV 51.58 51.45 00.13 33.72 33.05 00.67 45.94	18.45 19.96 1.35 6.90 E VENUE TO 51.90 49.67 2.23 30.61 29.11 1.50 43.98	18.83 19.51 1.31 6.90 F N MILE 49.66 47.00 2.66 31.12 27.82 3.30 42.86	19.63 19.79 1.27 6.60 49.90 45.67 4.23 33.04 28.01 5.03	19.92 20.09 1.26 6.60 51.79 45.57 6.22 35.87 29.63 6.24	20.76 20.58 1.27 6.10 54.48 47.81 6.67 40.60 33.56 7.04	23.60 21.95 1.28 6.50 56.58 50.87 5.71 44.80 38.59 6.21 53.03	24.78 22.86 1.31 6.30 57.75 54.77 2.98 47.76 41.06 6.70	25.04 22.69 1.35 6.40 58.29 56.03 2.26 47.30 42.31 4.99	27.83 24.12 1.37 6.30 59.11 59.17 (00.06) 50.73 49.25 1.48	29 29 55 55 55

PASSENGER TRAFFIC

ASSENGER TRAVEL BETWEEN THE U.S. AND FOREIGN COUNTRIES * Thousands of Passengers)	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
• ,	10.000										
Passengers via Air	18,960	16,605	14,160	12,456	10,589	8,996	7,657	6,356	5,752	5,055	4,902
Passengers via Sea	1,711	1,714	1,378	1,397	1,570	1,608	1,651	1,727	1,624	1,495	1,493
Total via Air and Sea	20,671	18,319	15,538	13,853	12,159	10,604	9,308	8,083	7,376	6,550	6,395
Air Share (%)	91.7	90.6	91.1	89.9	87.1	84.8	82.3	78.6	78.0	77.2	76.7
Passengers via Foreign-Flag Airlines	8,490	7,481	6,259	5,792	5,109	4,509	3,897	3,155	2,901	2,541	2,369
Passengers via U.SFlag Airlines	10,470	9,124	7,901	6,664	5,480	4,487	3,760	3,201	2,851	2,514	2,532
U.S. Flag Airlines' Share (%)	55.2	54.9	55.8	53.5	51.8	49.9	49.1	50.4	49.6	49.7	51.7
Figures are exclusive of travel over land borders (et air travel), crewmen, military personnel and trave continental United States and its possessions. ource: U.S. Department of Justice, Immigration and ervice.	elers between										

INTERCITY PASSENGER TRAVEL IN THE UNITED STATES

(Passenger Miles in Millions)

Common Carriers											
Airlines	103,824	95,946	87,508	75,487	60,591	51,888	44,141	38,457	33,623	31,062	30,557
Railroads	6,179	7,622	8,737	10,920	12,903	13,260	14,048	14,396	15,859	16,154	17,064
Motor Buses 1	25,000	24,900	24,500	24,900	24,600	23,800	23,300	21,800	21,300	19,700	19,900
Total	135,003	128,446	120,693	111,306	98,094	88,948	81,489	74,653	70,782	66,916	67,521
Air Share (%)	76.9	74.7	72.5	67.8	61.8	58.3	54.2	51.5	47.5	46.4	45.3
Private-Automobile	1,120,000 E	1,070,600	1,016,000	967,000	902,000	859,000	802,000	766,000	720,000	692,000	680,600
Total Common Carrier and Auto	1,255,003	1,199,046	1,136,693	1,078,306	1,000,094	947,948	883,489	840,653	790,782	758,916	748,121
Common Carrier Share (%)	10.8	10.7	10.6	10.3	9.8	9.4	9.2	8.9	9.0	8.8	9.0
Air Share (%)	8.3	8.0	7.7	7.0	6.1	5.5	5.0	4.6	4.3	4.1	4.1

¹ Includes charter

 $^{^{\}mathbf{E}}$ Estimated

SAFETY AND EMPLOYMENT

Passenger Fatalities per 100 Million Passenger Miles	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
U.S. Scheduled Airlines											
Domestic FatalitiesRate	0 0.00	132 0.14	258 0.30	226 0.30	59 0.09	205 0.38	65 0.14	48 0.12	121 0.34	124 0.38	30 0.9
International and Territorial									•		
Fatalities Rate	2 0.007	0 0.00	47 0.18	0.00	0.00	21 0.12	94 0.63	73 0.59	0 0.00	0 0.00	0.0
Total								.,,,	5.55	5.55	0.0
FatalitiesRate	0.001	132 0.11	305 0.27	226 0.22	59 0.07	226 0.31	159 0.26	121 0.23	121 0.26	124 0.30	30 0.7
Motor Buses											
Fatalities Rate	n.a.	150 0.22	160 0.24	120 0.18	150 0.23	100 0.16	90 0.15	150 0.26	60 0.11	80 0.15	0.
Railroads											
Fatalities Rate	10 0.09 ^p	9 0.07	13 0.10	13 0.09	27 0.16	12 0.07	9 0.05	13 0.07	27 0.14	20 0.10	0.
Autos				ı							
Fatalities Rate	36,500 ^E 2.2 ^E	37,000 E 2.3 E	36,500 2.4	34,800 2.4	34,800 2.5	32,500 2.4	31,500 2.4	28,900 2.3	26,800 2.2	24,700 2.2	24,6

	Passenger Per 100 Passenge	Million	per	nger Fatalities One Million craft Miles	1	Miles Per Fatal Accident (000)		Fatal Accide per 100,00 Flights			
1941-1945	1. 0. 0.	54 27		0.35 0.32 0.19 0.19 0.14 0.07		32,272 63,140 92,992 125,081 205,349 378,641		n.a. n.a. 0.23 0.21 0.14 0.11			i
PERSONNEL EMPLOYED AND PAYROLL U.S. Scheduled Airlines	1970*	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
Pilots and Copilots Other Flight Personnel. Pursers, Stewards and Stewardesses Communications Personnel. Mechanics. Aircraft and Traffic Servicing Personnel. Office Employees. All Others. Total Employment.	25,807 7,029 34,274 2,777 48,177 83,637 59,992 35,681 297,374	26,262 8,387 33,621 3,264 52,886 86,462 63,743 37,297 311,922 3,322,719	24,554 7,953 29,970 3,403 52,046 82,950 63,158 36,417 300,451 2,921,120	23,425 7,531 25,100 3,316 50,016 74,943 59,257 32,435 276,023 2,491,330	21,019 6,788 20,925 3,174 45,327 66,641 50,961 29,193 244,028 2,097,588	16,881 5,091 17,322 3,123 41,667 57,532 44,162 25,017 210,795 1,755,401	15,136 4,415 14,470 3,195 39,360 51,944 40,325 22,973 191,818 1,536,603	14,263 4,048 13,109 3,716 34,453 49,056 37,867 22,376 178,887 1,320,400	13,820 4,151 12,178 3,418 34,925 46,696 36,952 20,687 172,827 1,265,841	13,936 4,162 11,858 3,745 34,065 44,617 36,642 20,916 169,941 1,215,895	13,535 3,811 10,600 4,233 34,181 43,334 35,440 21,101 166,235 1,083,853

^{*} Figures for 1970 are understated due to the effects of a Brotherhood of Railway and Airline Clerks strike against Northwest Airlines and an Air Line Pilots Association strike against Mohawk Airlines.

NOTES TO STATISTICAL TABLES

Redefinition of Domestic Traffic. Effective January, 1970, the Civil Aeronautics Board revised its definition of Domestic Traffic to include all traffic between the United States mainland and Hawaii and Alaska. This traffic had, in the past, been considered as International and Territorial.

Because of this redefinition, the Domestic and International and Territorial traffic and financial data for 1970 are not strictly comparable to 1969 and previous years. The 1970 traffic and financial data as shown in these tables include Alaskan and Hawaiian operations for all carriers. Alaskan and Hawaiian financial data for Pan American and Northwest for the first half of 1970 are CAB estimates.

Domestic 1969 financial and traffic figures include the Hawaiian and Alaskan operations of Braniff, American, Continental, Trans World and Western, while these data for Northwest, Pan American and United are included in International and Territorial for 1969 and previous years.

The new CAB definition of Domestic and International no longer includes Alaska Airlines in the International and Territorial category, putting it instead into a group called "Other" which also includes Aspen Airways and Tag Airlines. However, the data for all years in this publication do include Alaska Airlines in the International and Territorial statistics.

Total Industry Data. The total industry figures shown in this publication include Aspen Airways for the years 1967-1970 and Tag Airlines for 1969 and 1970.

Passengers Enplaned. Beginning in 1970, the carriers report enplanements, rather than passenger originations. In order to show consistent passenger traffic statistics, only passenger enplanements are shown.

Net Profit or Loss. This figure is after "special items" and other non-operating income and expenses which are not shown. Therefore, the data shown do not add to the net profit or loss shown.

Rate of Return on Investment. The rate of return on investment reflects net profit plus interest paid on the noncurrent portion of long-term debt as a per cent of total investment. Total investment is a five-quarter average of total net worth (stockholders' equity) plus long-term debt. Additionally, the rate of return reflects net profit before tax reductions resulting from the investment tax credit. The figures shown for 1970 are preliminary.

Balance Sheet. Balance Sheet data for the domestic trunk airlines include their international as well as domestic operations. The all-cargo category includes domestic and international all-cargo carriers.

DEFINITION OF TERMS

Revenue Passenger Mile. One fare-paying passenger transported one mile. Revenue passenger miles are computed by multiplying the number of revenue passengers by the miles which they are flown.

Available Seat Miles. The total number of seats available for the transportation of revenue passengers multiplied by the number of miles which those seats are flown.

Revenue Passenger Load Factor. A percentage which represents the proportion of seating capacity which is actually sold and utilized. Computed by dividing revenue passenger miles flown by available seat miles flown in scheduled revenue passenger service.

Revenue Ton Mile. One ton (2,000 pounds) of revenue traffic transported one statute mile. Revenue ton miles are computed by multiplying tons of revenue traffic (passengers, freight, mail and express) by the miles which this traffic is flown.

Available Ton Miles. The total number of tons available for the transportation of passengers, freight and mail multiplied by the number of miles which this capacity is flown.

Revenue Ton Mile Load Factor. A percentage which represents the proportion of total capacity available for passengers, freight and mail which is actually sold and utilized. Computed by dividing total revenue ton miles actually flown by total available ton miles.

Air Cargo. In the United States, this term refers to the total volume of freight, mail and express traffic which is transported by air. In other countries, this term refers only to air freight. U.S. air cargo consists of the following classes of service:

Priority Mail—Mail assured of airlift.
Includes air mail and air parcel post.
Non-Priority Mail—Airlift of first class
mail on a space-available basis.

Air Express—An airline/REA Express partnership for the priority movement of packages generally under 50 pounds.

Air Freight—The airlift of commodities of all kinds.

Yield. The average amount of revenue received per revenue passenger mile or per revenue ton mile of freight, express, or mail. Computed by dividing total passenger revenue by the total number of revenue passenger miles flown. Yield for freight, express or mail is computed in the same manner.

Public Service Revenues (Subsidy). Payments by the federal Government which provide for air service to communities in the United States where traffic levels are such that air service could not otherwise be supported.

Revenue Passenger Enplanements. The total number of revenue passengers boarding aircraft in scheduled service, including originating ,stop-over or on-line connecting passengers.

Revenue Plane Miles. Number of miles flown for which remuneration is received by an air carrier.

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North Central Airlines

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Chairman of the Board and Chief Executive Officer

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Northeast Airlines

Bill Michaels

President

Logan International Airport Boston, Massachusetts 02128

Northwest Airlines

D. W. Nyrop President Minneapolis-St. Paul International Airport St. Paul, Minnesota 55111

Ozark Air Lines

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Piedmont Airlines

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Reeve Aleutian Airways

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Southern Airways Frank W. Hulse President Atlanta Airport Atlanta, Georgia 30320

Texas International Airlines

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Western Air Lines

J. Judson Taylor President World Way Postal Center Box 92005 Los Angeles, California 90009

Wien Consolidated Airlines

Raymond I. Peterson President 4100 International Airport Road Anchorage, Alaska 99502

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CATEGORIES OF UNITED STATES SCHEDULED AIR CARRIERS

The following is a list of the generally recognized categories of air carriers which are included in this report.

DOMESTIC TRUNK CARRIERS

These airlines are authorized to operate over specified routes within the United States. This group includes the domestic operations of the following airlines:

American Northeast
Braniff International Northwest
Continental Pan American
Delta (1970 only)
Eastern Trans World
National United
Western

LOCAL SERVICE CARRIERS

These airlines are authorized to operate over specified routes which are generally located within certain regions of the United States. This group includes the system operations of the following airlines:

Allegheny North Central
Frontier Ozark
Hughes Air West Piedmont
Mohawk Southern
Texas International

INTRA-HAWAIIAN CARRIERS

These airlines operate solely within the State of Hawaii.

Aloha

Hawaiian

INTRA-ALASKAN CARRIERS

These airlines operate solely within the State of Alaska.

Kodiak

Western Alaska

Reeve Aleutian

Wien Consolidated

ALL-CARGO CARRIERS

These airlines are authorized to operate flights carrying freight, express and mail over specified domestic and international routes.

Airlift International Flying Tiger Seaboard World

HELICOPTER CARRIERS

These carriers are authorized to transport persons, property and U.S. mail over specified routes within certain localities.

Chicago Helicopter Los Angeles Airways
Airways New York Airways
San Francisco and Oakland
Helicopter Airlines

INTERNATIONAL AND TERRITORIAL CARRIERS

These airlines are authorized to operate over specified routes between the United States and foreign countries and between the United States and its territories. This group includes the international and territorial operations of the following airlines:

Alaska National
American Northeast
Braniff International
Caribbean-Atlantic Pan American
Delta Trans World

Eastern United (through 1969)

Western

Printed in U.S.A.

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