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**SCANDINAVIAN AIRLINES SYSTEM  
ANNUAL REPORT 1986-87**



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## THE SAS GROUP

The SAS Group's commercial organization comprises the following business areas: SAS Airline, SAS International Hotels, SAS Service Partner, SAS Leisure, SAS Trading and SAS Finance. In addition, there are a number of independent subsidiaries and affiliated companies.

Together, the Group's operations form an international, integrated chain of travel services, designed to be the best alternative for the business traveler.

Group Management has overall responsibility for the strategic and commercial development of the SAS Group and its business areas.

SAS's organization is based on management by objectives and decentralized profit responsibility. Each business area is responsible for ensuring its own growth in both the short and long term. Moreover, each business area has a defined role in the travel service chain.

**SAS Airline**, as part of the SAS Consortium<sup>1</sup>, handles the Group's scheduled air services.

**SAS International Hotels** is responsible for the Group's hotel operations and cooperates with outside interests through SAS Associated Hotels. SAS Airline and SAS International Hotels work together through SAS Destination Service, reciprocal airline and hotel check-in services, and so on.

**SAS Service Partner** handles the Group's flight kitchen operations and airport restaurants, and supports SAS Airline in the air and on the ground.

**SAS Trading**<sup>3</sup> conducts and develops businesses related to the Group's air services.

**SAS Leisure** consists of Vingresor and Scanair<sup>2</sup>.

**SAS Finance**<sup>3</sup> arranges funding and short-term investments on behalf of the Group's business areas.



<sup>1</sup> The SAS Consortium includes the Group Management, SAS Airline, SAS Finance, SAS Trading and joint Group projects.

<sup>2</sup> Independent consortium.

<sup>3</sup> From January 1, 1988.

## 1986/87 IN BRIEF

Development of an integrated chain of travel services for the business traveler continued during the year. The traffic network was expanded with new non-stop routes, as well as with more frequent flights. Investments in expanded cooperation between the airline and hotel operations continued. In Copenhagen, SAS has worked together with the Danish Aviation Authorities to create one of the most attractive airports in Europe.

The SAS Group's income before extraordinary items amounted to 1,698 MSEK for the period October 1, 1986 – December 31, 1987. Of this total, 1,663 MSEK (1,515) was attributable to the 12-month period ended September 30, 1987.

**SAS Airline** noted continued growth in Scandinavia and the rest of Europe. Intercontinental traffic was marked by greater competition and downward pressure on fares. As a step in the buildup of a more competitive intercontinental route network, the decision was made to invest in a fleet of Boeing 767s, which are well suited for the market and the future traffic program.

Earnings weakened toward the end of 1987 following a slight improvement during the first three quarters. A program designed to reduce the cost

level at SAS Airline, while maintaining service and quality, has been adopted.

SAS signed an agreement with Thai International in 1987 involving strategic cooperation in Europe and Southeast Asia.

In cooperation with Air France, Iberia and Lufthansa, SAS began development of the Amadeus information and distribution system.

**SAS International Hotels** is making substantial investments in new hotels at important SAS destinations. Income of the hotel operations was affected by greater capital cost for hotel projects and the fierce competition brought on by newly established hotels.

**SAS Service Partner** reported further improvements in income. The greatest success was noted for the airport restaurant and offshore operations.

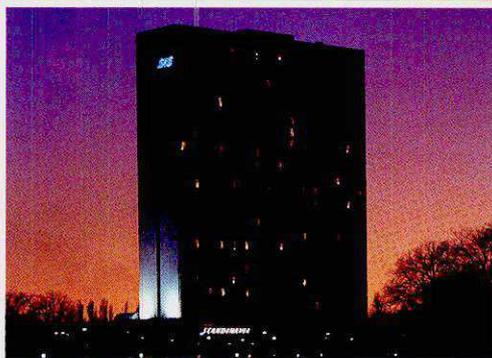
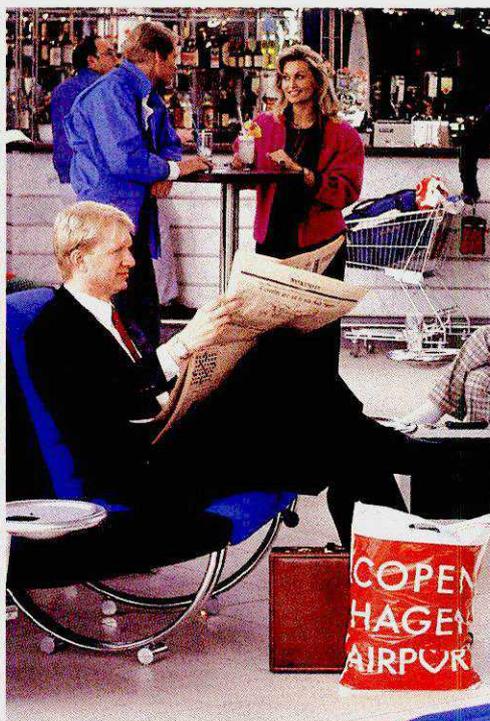
**Vingresor** strengthened its position as Scandinavia's largest inclusive-tour operator. The number of Vingresor customers rose by 20 percent on an annual basis. New facilities boosted the hotel capacity on Gran Canaria, Rhodes and Crete.

Development costs for the information and distribution system are included among **Other Units and Projects**.

Effective January 1, 1988, SAS will apply the calendar year as its fiscal year. This annual report covers a fifteen-month period beginning October 1, 1986 and ending December 31, 1987. The SAS Group submitted an interim report for the twelve-month period ended September 30, 1987, which corresponds to previous fiscal years. Unless otherwise specified, comparisons with previous years are made against the interim results. Twelve-month figures are unaudited.

### SUMMARY OF RESULTS – SAS GROUP

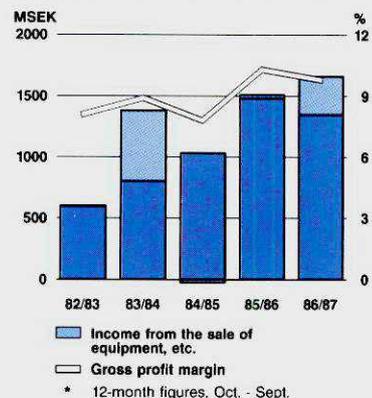
	86/87 15 mths	86/87 12 mths	85/86 12 mths
MSEK			
Revenue	29924	23870	21585
Operating income before depreciation	2517	2346	2216
Depreciation	-1380	-1126	-863
Income from the sale of equipment, etc.	394	313	34
Financial items, net	167	130	128
Income before extraordinary items	1698	1663	1515
Investments	3493	2660	4128
Share of risk-bearing capital	35%	36%	29%



**INCOME BY BUSINESS AREA**

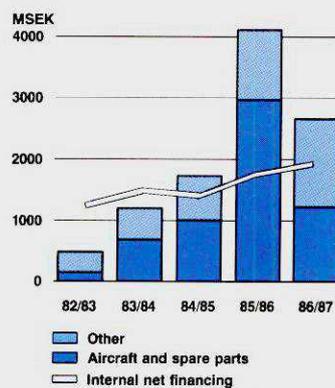
MSEK	86/87 15 mths	86/87 12 mths	85/86 12 mths
SAS Airline	1586	1453	1305
SAS International Hotels	63	73	69
SAS Service Partner	202	180	123
Vingresor	106	141	133
Other units and projects	-128	-99	-28
Joint Group cost	-88	-44	-69
Group eliminations	-43	-41	-18
<b>Income before extraordinary items</b>	<b>1698</b>	<b>1663</b>	<b>1515</b>

**SAS GROUP  
TREND OF INCOME  
(INCOME BEFORE EXTRAORDINARY ITEMS)\***



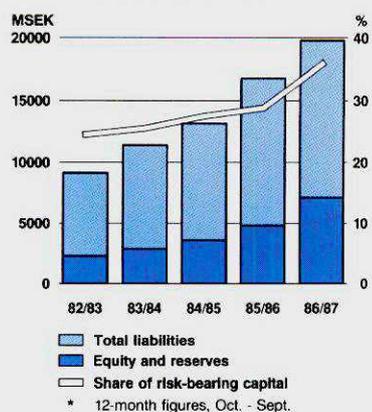
\* 12-month figures, Oct. - Sept.

**SAS GROUP  
INVESTMENTS\***



\* 12-month figures, Oct. - Sept.

**SAS GROUP  
FINANCIAL POSITION\***



\* 12-month figures, Oct. - Sept.

## **“FLEXIBILITY AND ADAPTATION — A MUST FOR TOMORROW”**

In the early 1980s SAS formulated The Businessman's Airline strategy. Accordingly, we developed new products that were immediately welcomed by the market. We recovered lost market shares, gained new shares, and achieved good profitability. SAS has become a trend-setter in improving quality and service for the business traveler at unchanged economy-class fares.

At the same time, we saw the dramatic changes approaching in our business environment. The web of regulations that had protected commercial aviation since World War II began to untangle. The deregulation of the American airline industry quickly left its mark on intercontinental air traffic.

Three years ago, we began to concentrate on three strategic development areas in our ambition to become one of five international air lines operating out of Europe by the end of this century. The strategies were to increase the cost-effectiveness of operations, to develop an information and distribution system that would give us unhindered exposure for our products and services on the market, and to expand our airport and Scandinavian traffic systems.

### **Where Do We Stand Today?**

Until early 1987, SAS Airline was becoming cost-effective. Our goal was a 13-percent gross profit margin, to allow us to continue on our course of expansion and essential investments. This margin deteriorated in the latter half of 1987 and, once again, we are faced with the task of reversing a negative trend to reach the necessary levels of effectiveness and profitability. I am convinced that we will succeed.

In our choice of an information and distribution system, we had the option of developing our own or cooperating with other airlines. The first alternative was quickly ruled out, since it would

be too expensive and would take too long to develop. Therefore, in 1987 we joined Air France, Iberia and Lufthansa, and formed the Amadeus system. Many other European airlines have since joined this system. Amadeus is hereby assured access to at least 60 percent of the European market.

As for the traffic network, SAS is very strong in Europe. Our geographic location favors us in traffic to and from other European countries. At the same time, our base of 18 million people is far too limited to support intercontinental traffic with frequent flights to many destinations. We therefore base our efforts on two main strategies: broadening our passenger base through cooperation in Europe, and establishing new gateways on other continents. By establishing alliances with local airlines in these foreign locations, we can extend our fully integrated system to our passengers in their continued travel. A prime example of this is the agreement we reached with Thai International in 1987. Similarly, we are now engaged in talks with airlines in North and South America.

### **A Partial Victory**

Our contacts with Sabena and British Caledonian fit in with the strategy of cooperation in Europe. In contrast to the rapid deregulation of the airline industry in the U.S. just over ten years ago, the European air travel market is being liberalized gradually, with strong consideration for the countries' national carriers. This process mainly favors those located centrally in Europe: the survival of the fittest, not the fittest. Many countries still consider it vitally important to maintain national control of their own airlines. For this reason, our venture with British Caledonian was a partial victory, not only for us, but also for the rest of Europe's carriers, because it stimulated a more open view to cross-

border cooperation and ownership. After a series of negotiations we won the approval of the British authorities to simply make an offer for cooperation based on a 25-percent interest, without affecting B-Cal's traffic rights. When British Airways then increased its bid to acquire all of B-Cal – which a national airline can do without restriction – we decided the price had become too high. The key factor is that the outcome was determined by purely commercial principles: British Airways put a greater price on keeping us out of the British market than what we considered entering it worth.

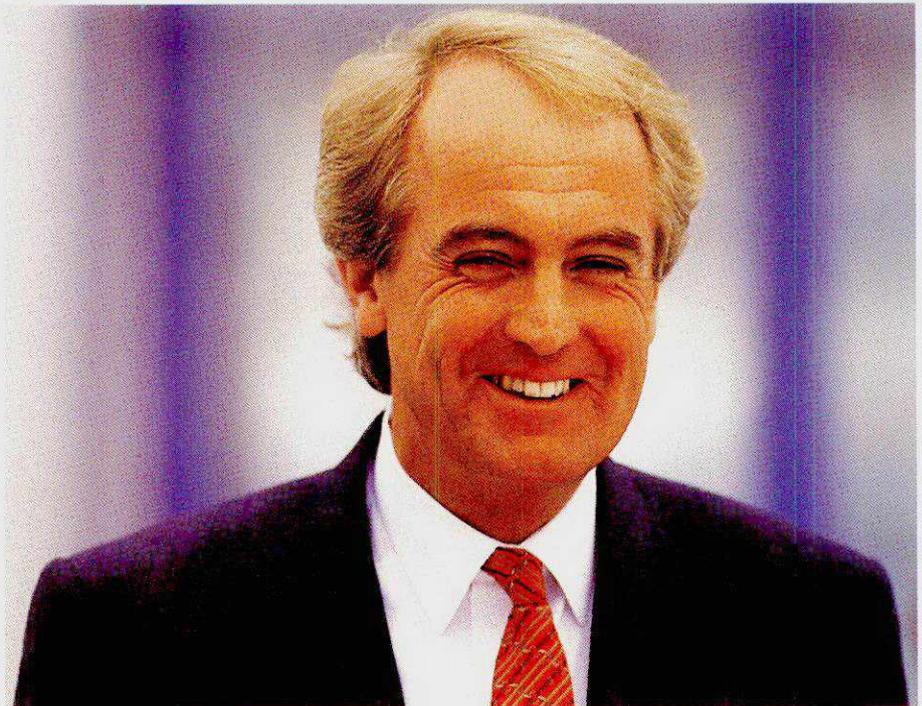
### **Doing Better Business**

Another aspect of our quest for a strong position in the face of growing competition is to help the business traveler do better business. Our goal is to create an integrated travel service, combining flights, hotels, ground transport, airport service, hotel check-ins and so on, to save the business traveler time and money.

The competition has intensified considerably in recent years. In 1984 there was one American carrier flying 16 times a week over the North Atlantic from Scandinavia. In 1988, four companies together fly 52 times a week, meaning price will play an increasingly competitive role. The cost level in Scandinavia makes it difficult for us to compete on price with airlines from Asia and the U.S. We want to create a quality product that is far ahead of the rest of the market – a product that concentrates on the total needs of business travelers and gives them full value for their money.

### **Solid Links in the Chain**

Our other business areas play a vital role as solid links in a chain of services. At the same time, they have experienced



very strong growth in their respective market segments. For the SAS Group, this entails maintaining a favorable balance both in terms of products and geography to strengthen the whole and boost the Group's resilience, even in a climate marked by lower demand and greater price competition. The coming changes will put great demands on flexibility. This applies to all aspects of our operations. We must foster a propensity for change to quickly adapt our strategies to new developments. What is good today is perhaps not the best alternative tomorrow.

I want to emphasize that we have great opportunities to continue our successful growth to date. We have a highly businesslike organization. We have an effective combination of business areas and products. We have the profitability to expand and continue investing. It is now important that we gain the strength and flexibility to adapt to new realities.

A handwritten signature in blue ink, appearing to read 'J. Carlzon'. The signature is stylized and fluid.

**JAN CARLZON**  
President and Chief  
Executive Officer

## THE OPERATING ENVIRONMENT

Growth of international air traffic and changes in flows of passenger and cargo traffic basically follow worldwide economic developments. Business travel is also a reflection of the trend toward greater global production and international and regional trade in goods and services.

In the 1970s increases in traffic were generally high. The recessions in the wake of the two major oil crises led to stagnation in Europe in the beginning of the 1980s, followed by a period of renewed growth. At the same time, structural changes in the economies of Western Europe, the United States and the Far East have altered traffic patterns for passengers and cargo.

### Changes in Conditions

In contrast to other industries, the international airline industry does not have a free right of establishment. Traffic between and over countries is based on bilateral agreements which specifically regulate operating conditions. As a result, each country tries to promote its own interests as far as possible. These agreements therefore reflect the relative political and economic clout of the parties in question.

SAS's traffic system is dependent on a limited population base of 18 million people in Europe's northern periphery and the economic and competitive strength of Scandinavian industry at home and abroad.

SAS maintains a strong position in Scandinavia and on routes between Scandinavia and the rest of Europe. Improvements in intercontinental traffic will require a wider geographic spread and economies of scale.

The future of SAS's international traffic therefore lies in exploiting the coming liberalization of the European airline industry and in establishing alliances with other carriers on other

continents. In this way, SAS can gain access to new markets and create the groundwork for a cost-effective international traffic system.

### Tough Competition on Intercontinental Routes

Deregulation of domestic traffic in the United States has led to the rise of a few so-called mega-carriers: American Airlines, United Airlines, Delta, Northwest Airlines and Texas Air.

Their dominance can be traced to a combination of a few important factors: *nationwide traffic systems* with two or three hubs and a few exclusive feeder carriers that operate on a franchise basis, effective *booking systems*, *economies of scale* in marketing and production, competitive *personnel costs*, and *financial strength*.

Many tickets sold in the U.S. are highly discounted. However, the new structure of the industry has led to a gradual improvement in profitability, at least for the major carriers.

Consumer organizations and politicians in the U.S. are demanding better service, higher quality and punctuality — as well as regularly published statistics on delays and cancellations.

Technological advances have now made intercontinental flights possible with twin-engine aircraft, such as the Boeing 767 for 200 passengers.

Several American carriers plan to establish or add nonstop flights to new destinations in Europe in 1988. In 1986 U.S.-owned airlines offered 15 direct flights to Scandinavia. In 1988 that number is expected to increase to 52. In addition, American carriers have opportunities to expand their own limited traffic systems in Europe. As regards traffic over the North Atlantic, the low value of the dollar will be an important competitive advantage for U.S. airlines in relation to their European com-

petitors. This will intensify competition.

In the Far East, the base for intercontinental business traffic is expanding. Business travel is concentrated in countries with strong or growing economies such as Japan, South Korea, Taiwan, Singapore, China and Hong Kong. Their strong markets, in combination with such technological developments as the Boeing 747-400, which can fly to Europe nonstop, will benefit the national airlines of these countries. In the long term, Japan Airlines, All Nippon Airways, Cathay Pacific, Singapore Airlines and Thai Airways International will all likely gain in strength.

Tourist traffic will increase from economically strong countries, such as Japan. Due to the size of the market, tourist traffic will favor carriers that can offer the largest aircraft with the lowest per-seat costs.

### Common Market in '92

Work is continuing in Europe to create a genuine common market by 1992, with 350 million consumers and no barriers restricting the flow of goods, labor and capital.

As planned, this free market will also apply to air traffic by eliminating claims to national sovereignty over air space.

European air traffic policies are greatly influenced by national prestige; each country goes out of its way to protect its own air space and its own airlines. Immediate, total deregulation would produce major problems for the entire industry. At least in the short term, current agreements between airlines on flights, timetables and ticket booking cooperations give consumers a wide selection of products, freedom of choice and flexibility. Moreover, the managements and unions of the major airlines are facing strong pressure to increase cost effectiveness in operations.

A blackboard with flight destinations and fares written in white and red chalk. The destinations are MELB, BRISBANE, PERTH, AUCKLAND, BANGKOK, CAIRO, and NEW YORK. To the right of each destination are two columns of numbers. Below the blackboard is a white sign with red and black text.

Destination	Column 1 (Red)	Column 2 (Red)
MELB	382	659
BRISBANE	428	669
PERTH	379	579
AUCKLAND	379	740
BANGKOK	198	355
CAIRO	128	210
NEW YORK	145	245

**"STOP DREAMING START PACKING!"**

**WORLDWIDE ECONOMY**

Liberalization and the resulting combination of regulation and deregulation will therefore lead to problems for the industry. In some cases, airlines will be forced to compete with each other and in others to cooperate, at the same time that various national authorities place conditions on their operations.

In 1987, the EC's Council of Ministers passed a resolution to gradually accommodate freer competition in the airline industry. The measure went into effect on January 1, 1988. Under the new regulations, the authorities must approve airline fares if justifiable in light of each carrier's costs. Also, the earlier regulation, by which each country's carrier is in principle insured half of the traffic in bilateral agreements, has been relaxed. In 1988 the new ratio is 45/55; in 1989 it will be 40/60.

This may seem like a marginal change, but in 1989 a carrier with 40 percent of the market can increase its share to 60 percent, a 50-percent gain. It will also be possible for several carriers to share traffic from one country to others.

In addition, regional airlines have been given the right to serve the major airports, paving the way for agreements on feeder traffic.

For large airlines like British Airways and Air France, both of which have sizable domestic markets and advantageous geographic positions from an intercontinental perspective, the new rules will not radically change the operating conditions. Authorities that monitor and control air traffic in accordance with national regulations can still protect national policies, where desired. For carriers in Europe's periphery that have significantly smaller population bases, continued regulation is a disadvantage.

### **Changes In Domestic Traffic, Too**

SAS has also been subjected to the current political trend of selling off government and collective services. In Scandinavia, some people are advocating that SAS's traffic rights should be shared with other carriers to stimulate competition. This applies to domestic, intra-Scandinavian and European routes and, to a lesser extent, to intercontinental routes.

In Norway, certain domestic routes were earlier reserved for Braathen, while others were reserved for SAS. Now, parallel concessions have been introduced, by which Braathen also flies Oslo-Bergen, earlier an SAS route. In the same way, SAS can now fly Oslo-Stavanger, where Braathen previously had exclusive rights.

The debate in Denmark has primarily centered on other carriers' rights to international traffic. Of principal importance are new routes from Jutland, by which fairly small cities would be accessible to direct traffic to the Continent and, as a result, would feed the traffic systems of other intercontinental airlines.

In Sweden, SAS and Linjeflyg share the traffic rights of their parent company, ABA. Linjeflyg in turn commissions Swedair to fly certain routes with small traffic bases, where Swedair's fleet and resources are better suited. Sweden also has a number of regional and local carriers.

### **Environmental Concerns**

The financial performance of the major airlines is affected not only by air traffic regulations, but by environmental concerns as well. In general, this includes noise-reduction measures, particularly in the vicinity of major airports. At present the EC is discussing a further reduction in noise levels in 1992. A large

number of aircraft would be affected by these rules. SAS would be forced to replace a number of DC-9s and DC-10s earlier than would be technically or financially motivated. The environmental effects of emissions from jet propulsion fuel is also a topical concern. In Sweden, special taxes have been proposed.



## GOALS AND STRATEGIES

**“Helping the business traveler do better business”**

The SAS Group consists of a number of business areas, each of which operates independently in its respective market, but which is also a link in SAS's integrated travel service chain. Throughout the 1980s SAS has been a trend-setter in both the business-travel and tourist sectors.

The overall goal of the SAS Group is to survive and grow in a future in which substantial changes can be expected. This is why SAS, with Scandinavia and Europe as its base, must further develop into a company that offers

- travel services to business travelers around the world,
- quick cargo handling for businesses, and
- leisure travel services.

These goals must be achieved while at the same time meeting profitability objectives and without jeopardizing long-term financial stability. Each business area also has individual objectives in light of its capital requirements.

### Strategies

Against the background of current and expected changes in the market, SAS has formulated a number of strategies to achieve its overall market and financial objectives.

The SAS Group's main strategy is to be the best alternative for the frequent business traveler. SAS aims to provide a complete, integrated chain of products and services for the travel sector, to meet the complete needs of people traveling on business. In the same way, SAS's strategy is to provide comprehensive services for tourists.

The continued success of The Businessman's Airline strategy requires a broader base in current markets, access to new markets, and a reduction in SAS's current costs to an internationally competitive level.



European dominance in intercontinental traffic – by carriers such as British Airways, Lufthansa and Air France – will more likely increase than decrease. SAS's discussions with Sabena and its offer to purchase a share in British Caledonian should be viewed with this in mind.

As regards the intercontinental network, SAS's strategy is to fly to select hubs in the U.S., the Far East and South America. From there, SAS passengers should be able fly with other airlines that complement SAS's integrated service chain. In 1987 SAS reached agree-



ment with Thai International, resulting in two daily nonstops between Scandinavia and Bangkok. From there, Thai's traffic system takes over. Timetables, coordinated ground services at airports, reservations and bookings, and service in general should be organized in such a way that the traveler experiences his trip as if it were with a single airline.

Access to the market is also dependent on information and reservation systems. This is why SAS must develop its own system or join in a mutually owned system that guarantees that the

Group's products will receive the proper exposure and that its position cannot be limited.

In general, cost-effectiveness in operations must be improved if the SAS Group is to be competitive in a freer market. SAS International Hotels, SAS Service Partner and SAS Leisure are already competitive costwise, but the Airline's cost level is too high. This situation will be even further accentuated, since inflation in several of SAS Airline's most important competitor-countries is lower than in Scandinavia.

## **SAS'S OWNERSHIP STRUCTURE**

The first agreement covering the SAS cooperation was signed in the autumn of 1946. The current agreement was ratified in 1951 between the three national carriers: Det Danske Luftfartsselskab A/S (DDL – Denmark), Det Norske Luftfartsselskap A/S (DNL – Norway) and Aktiebolaget Aerotransport (ABA – Sweden). In this way three domestic airlines joined forces in a single organization, the SAS Consortium. The current agreement, a revision of the original, extends to September 30, 1995.

DDL and DNL each own two-sevenths of the Consortium, while ABA owns three-sevenths.

The three parent companies have given total responsibility for operations to the Consortium. At the end of each reporting period the Consortium's income statement and balance sheet are divided between the parent companies in a 2-2-3 ratio. The SAS Consortium includes the Group Management, SAS Airline, SAS Finance, SAS Trading and joint Group projects.

### **Parent Companies**

DDL and DNL are corporations listed on their respective countries' stock exchanges. Half of their shares are owned by their governments and the remainder by private interests, primarily businesses and institutions.

The 50 percent of ABA's shares not controlled by the government is owned by Svenska Interkontinental Lufttrafik AB (SILA), a listed company.

In addition to their participations in SAS and Scanair, the parent companies also have interests in other, national airlines.

### **Decision Making**

SAS's highest decision-making body is the Assembly of Representatives, which is made up of the parent companies' boards of directors. The Assembly of

Representatives appoints SAS's board of directors, approves its financial accounts and decides on the portion of income to be transferred from the Consortium to the parent companies to cover their administrative costs, taxes and dividends. SAS's parent companies each have two members on SAS's board. One member represents the government interests and one the private. In addition, the unions in each country appoint a member and his or her deputies.

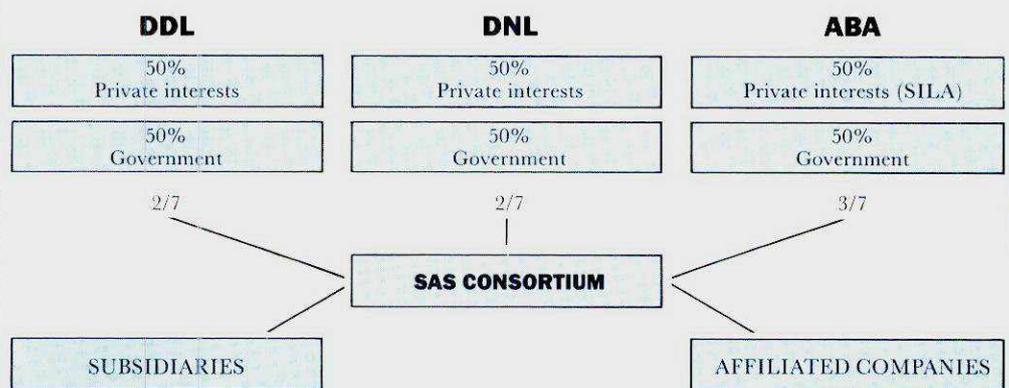
Responsibility for overall management rests with the president and chief executive officer of the SAS Group.

### **Capital and Taxes**

The SAS Consortium's equity is made up of the capital account, which consists of funds contributed by the parent companies and surpluses retained in operations. Thus, the Consortium cannot issue shares. Instead, increases in capital are made through contributions from the parent companies. The Consortium is responsible for its own external financing.

The Consortium is not a tax-paying entity. The parent companies each file income tax returns and pay taxes on their share of the Consortium in accordance with national regulations. The Consortium's subsidiaries pay their own taxes in the usual manner.

The Consortium's accounts are examined by external auditors from the member-countries.



## SAS AIRLINE

	86/87 15 mths	86/87 12 mths	85/86 12 mths
Revenue	<b>21 953</b>	17 510	16 483
Operating income before depreciation	<b>2 146</b>	1 935	1 900
Gross profit margin, %	— <sup>2</sup>	11	11
Income before extraordinary items	<b>1 586</b>	1 453	1 305
Investments	<b>2 446</b>	2 112 <sup>1</sup>	3 733 <sup>1</sup>
Return on capital employed <sup>1</sup> , %	— <sup>2</sup>	14	21
Number of employees	<b>20 479</b>	20 356	19 666

<sup>1</sup> SAS Consortium.

<sup>2</sup> Not relevant for 15-month period.

SAS Airline's business concept is to meet the business traveler's air travel needs around the world at competitive prices and with a high level of service — to be The Businessman's Airline.

The traffic network covers domestic routes in Denmark, Norway and Sweden, intra-Scandinavian routes, and routes to other European cities, North and South America, the Middle East and the Far East. In total, the network covers more than 80 destinations in 34 countries.

Aside from the primary target group — the business traveler — SAS serves two groups: tourists and cargo customers. In the fifteen months of the 1986/87 fiscal year the total number of passengers was approximately 16 million. Business travelers, who pay full fare, account for the large share of revenue, while tourists contribute to the profitability of each individual flight.

Cargo flown on passenger aircraft is basically a byproduct, since the traffic program is geared to meet the needs of the passengers. However, cargo is gaining in significance in pace with the development of new service concepts and products.

### Product and Price Differentiation

Product and price differentiation play a dominant role in SAS's strategy. Prices are differentiated based on the content of the products. On international routes the business class alternative is called EuroClass, which has a high level of service at normal economy fares. Discount-fare alternatives are offered on all routes to meet demand for inexpensive tourist and vacation travel.

SAS's products are distinguished by high quality with concern for safety and service. Fares are set competitively yet profitably.

### Decentralized Organization

The commercial organization consists of six route sectors — Denmark, Norway, Sweden, Europe, Intercontinental and Cargo — each responsible for its development and marketing of air travel products, and profitability. Production is managed through an integration of three divisions — Technical, Operations and Traffic Services — together with a unit for small aircraft operations.

### SAS Trading

External Enterprises, which develops and handles businesses in conjunction with air travel, is a complement to the route sectors and operating divisions. These businesses include purchasing and selling duty-free goods. External Enterprises was reorganized in the beginning of 1988 into a separate business area in the SAS Group under the name SAS Trading.

### Goal

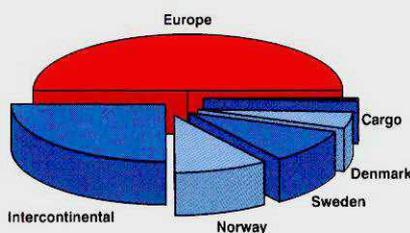
SAS Airline's goal is to survive and develop in freer competition. SAS intends to be one of the five major airlines in Europe after 1995. To do so, it must expand its traffic system, develop efficient information and reservation systems, and achieve a competitive cost level. This requires a long-term gross profit margin of 13 percent, to insure that capital can be obtained to finance the expansion and replacement of the aircraft fleet and other resources.

### Dependence on Economic Swings

Demand for air travel largely follows the trend of the gross national product in each country. In times of high economic activity and industrial growth, travel increases. In times of recession, travel falls off.

The market for business travel in Europe has increased by an average of

TRAFFIC REVENUE PER ROUTE SECTOR



five percent annually in the 1980s, but with large variations between years. There are now signs that the rate of increase will drop due to an economic downturn forecasted for the second half of 1988.

Tourist travel has increased in recent years. Growth in the economies of the Western World has left more room for private consumption, including travel. Air fares are extremely important, which is why the fare decreases brought on by tougher competition have also had a positive effect on demand.

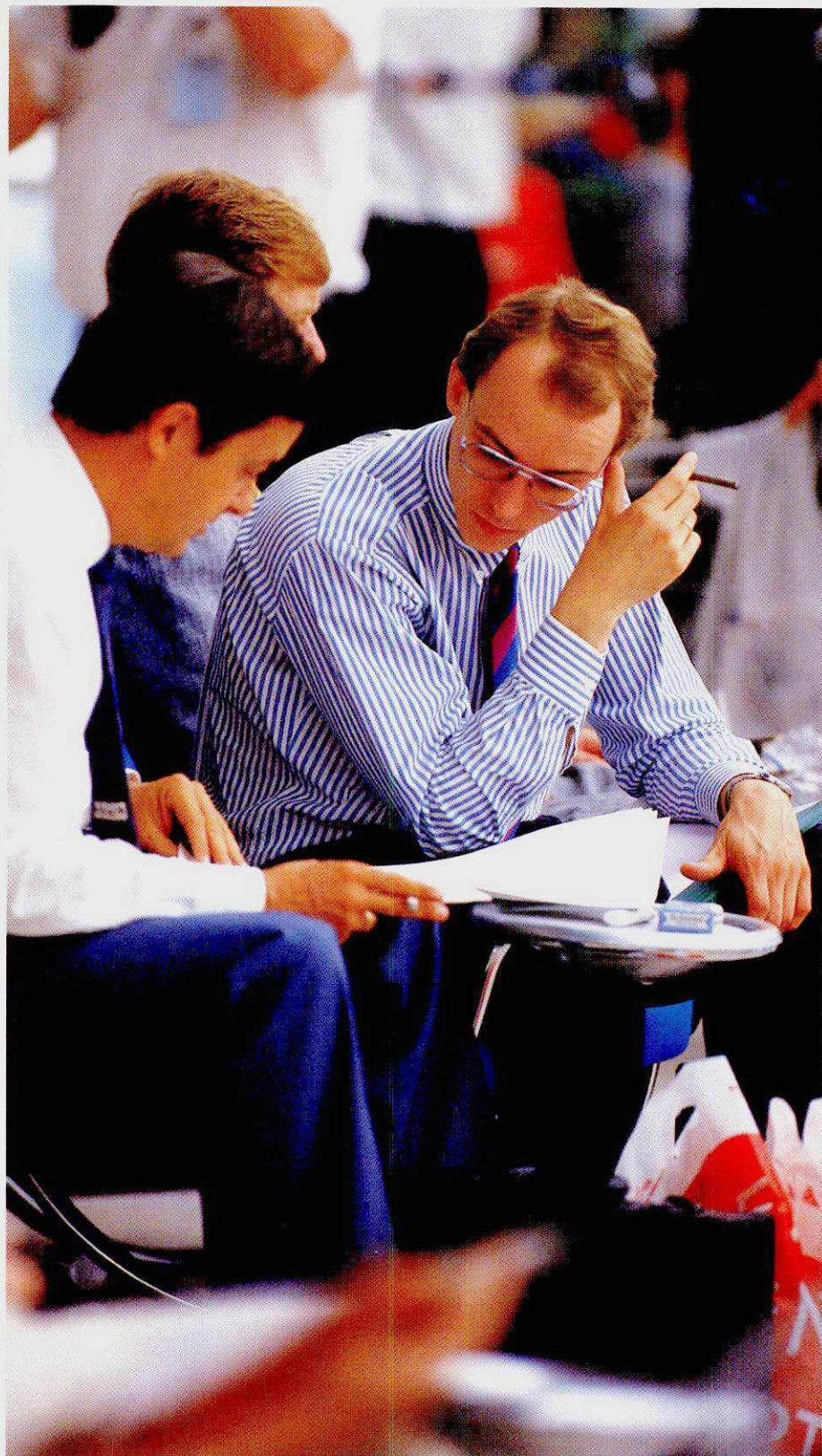
### **Factors Affecting Revenues**

Decisive to an airline's revenues is the relation between full-fare and discount-fare traffic in combination with the cabin factor on each flight.

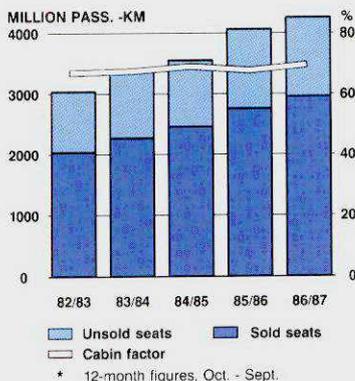
By systematically applying its strategy of price and product differentiation, SAS has been able to limit increases of both full and discount fares. Moreover, SAS has the largest share of full-fare passengers of any European airline — but with a large difference between the share of full-fare passengers on European routes and on intercontinental routes. In Europe, SAS's share of full-fare passengers averages between 30 and 35 percent on each flight, while the corresponding figure for long routes is only 15–20 percent.

A successfully implemented strategy has also helped SAS to gradually increase its total average cabin factor to around 60 percent in Europe and to approximately 80 on its intercontinental network.

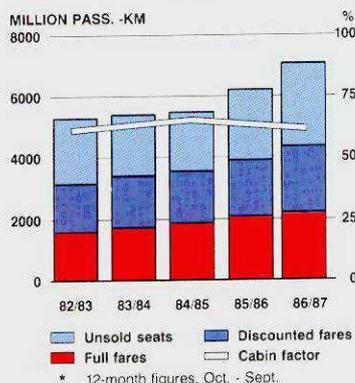
Air fares must be approved by the authorities in each country, and increases are generally based on expected economic developments. During the past four years, full fares from Scandinavia to other parts of Europe have risen by less than half the rate of inflation in the Scandinavian countries.



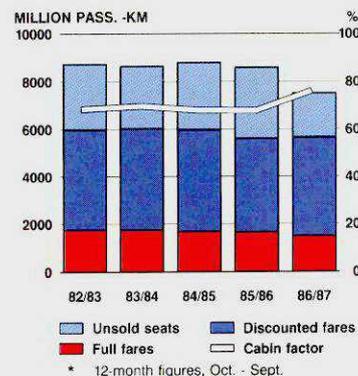
**PRODUCTION, TRAFFIC & CABIN FACTOR DOMESTIC\***



**PRODUCTION, TRAFFIC & CABIN FACTOR EUROPE\***



**PRODUCTION, TRAFFIC & CABIN FACTOR INTERCONTINENTAL ROUTES\***



### Restrictive Government Policies

In 1987 SAS was permitted to raise its domestic fares by an average of just under 3 percent. Although most countries permitted fare increases to Scandinavia, SAS was not allowed to raise its fares from Scandinavia to other parts of Europe. Full fares on intercontinental routes were raised by 2 percent. In practice this had little effect, however, since the total share of full-fare passengers is low. For competitive reasons, increases in tourist fares were only marginal.

As a whole, SAS's revenue has risen at a significantly slower pace than its costs. Several of SAS's major competitors have been permitted to raise their fares despite that inflation in their countries has been lower than in Scandinavia. For SAS, the ratio of revenue to costs declined in 1986/87 compared to earlier years and to the competition.

### Choice of Aircraft

SAS's strategy — with many flights and nonstops to a large number of destinations — requires medium-size, cost-effective aircraft. SAS has therefore decided to stick with DC-9-size aircraft for short and intermediate distances and DC-10-size aircraft on long-distance routes. The alternative would be to switch over to larger planes such as the Airbus A300 or Boeing 747. Product and price differentiation in combination with smaller aircraft has resulted in a high cabin factor and a high per-flight ratio of revenue to costs. This strategy is a fundamental reason for SAS's success during the 1980s.

The same reasoning is the basis for the selection of new aircraft to replace the fleet of DC-9s and DC-10s. SAS has decided not to commit itself, pending new technological developments which would significantly improve operating economy and cabin en-

vironments for passengers and crew. As regards the long-distance fleet, SAS has decided on a gradual changeover to Boeing 767s. The total investment for the nine aircraft ordered to date is 4 billion kronor; the new planes will be placed in service starting in 1989. Higher capital expenditures will be balanced out by lower operating expenses.

### Factors Affecting Costs

An airline's largest costs are salaries and social fees, government fees for take-offs, landings and overflights, fuel, commissions paid to agents, and depreciation and interest expenses.

### Higher Personnel Costs

SAS's strategy has a direct effect on personnel costs. The Airline's commitment to service and high quality requires a relatively large number of employees. Like most other Scandinavian companies, SAS has high personnel costs. This is especially true in comparison with carriers in Southeast Asia. In the U.S., the average salary cost per employee in the airline industry fell in 1986. During the period 1983-1987, SAS's personnel costs rose twice as fast as its passenger revenue. This trend must be broken.

### No Subsidies

The Scandinavian authorities have expressed as their objective that civil aviation bear its own costs. Some countries subsidize their airlines with low tariffs or by covering deficits. Since SAS has a large part of its traffic in the Scandinavian countries, where tariffs are high, these costs are relatively burdensome in comparison with many of its competitors.

### Fuel Prices Up Again

Airline fuel costs dropped rapidly in 1985 and 1986 on account of lower oil

prices and the drop in the U.S. dollar. In the early 1980s, fuel accounted for approximately 20 percent of airline costs. In 1985 the corresponding figure was 15 percent, in 1986 10 percent, and in 1987 7 percent. During the autumn of 1987 oil prices rebounded. Thus, fuel expenses are expected to be significantly higher in 1988 than in 1987.

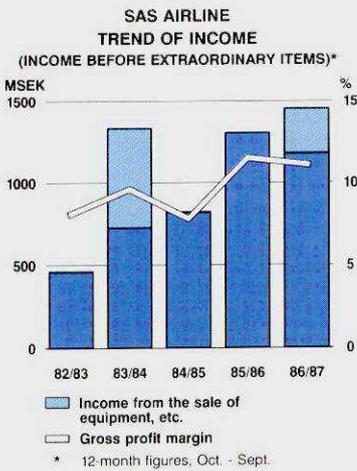
Since the trend in fuel prices affects all carriers to almost the same degree, fluctuations have little effect on competitiveness.

### **New Information and Distribution Systems**

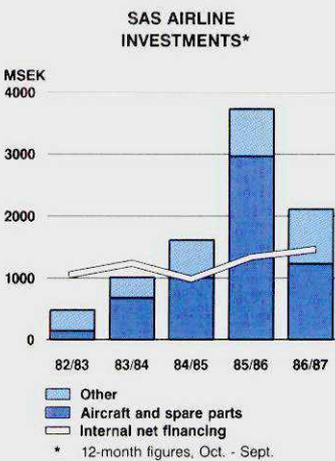
Commissions paid to agents constitute 8-10 percent of an airline's costs. To insure contact with the market and to cut costs, airlines are increasingly investing in their own information and reservation systems. Such systems can also be used by other producers of travel and related services, making them commercially attractive from the standpoint of product development. However, the investments involved are very large, so that few airlines can bear the costs to develop new systems by themselves.

Of the systems used in the U.S., American Airlines' Sabre and United's Apollo dominate the market. Both carriers intend to establish their systems in Europe. To meet future competition from the Americans, development was begun in 1987 on two European systems. Together, the two systems will cover bookings for all European airlines. Amadeus, one of the two, is owned by SAS, Lufthansa, Air France and Iberia. Braathen, Finnair, Linjeflyg and Air Inter have also joined in. Since Amadeus carriers have a large portion of European traffic, the system will encompass roughly two-thirds of all bookings in Europe. Amadeus is scheduled to be in operation in 1990.

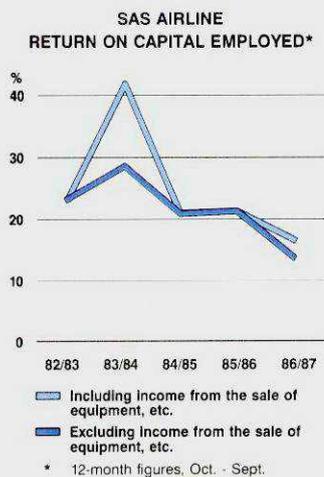




82/83-84/85 refer to the SAS Consortium



Refers to the SAS Consortium



Refers to the SAS Consortium

The other system, Galileo, is owned by British Airways, Swissair, Austrian Airways, Alitalia and KLM. Other members include British Caledonian, Aer Lingus, TAP Air Portugal and United Airlines. These airlines hold a large share of intercontinental traffic, with major sales outside Europe.

Amadeus will be tied to nationwide communications systems, which will allow local suppliers to hook into the system. Thus, it will offer a complete, worldwide selection of travel services to travel agencies and other customers. An unbiased presentation of suppliers' products will always be available as well, so that the local sales agent can favor certain suppliers if he so desires. Printouts of documents and customer invoices will be handled at the point of sale.

Together with SJ (the Swedish State Railways) and Braathen in Norway, SAS has developed SMART, a communications system which already has a strong position in Scandinavia.

**Timing Investments**

Viewed over a long period, an airline's investments occur in cycles. Since lead times for acquiring aircraft and pilots are between two and three years, airlines tend to secure deliveries of new materiel as early as possible. If the market does not expand in pace with the increased capacity, the cabin factor drops, as does profitability. Then the companies cannot bear increased capital costs for new, more expensive aircraft. This is what happened in the late 1970s, causing major financial problems for many carriers in the beginning of this decade. Though difficult, capacity planning in relation to expected market growth is therefore essential. In the 1980s, annual changes in traffic volume in Europe have fluctuated between a 3-percent drop one year and a 9-percent gain in another.

**What is SAS Doing to Improve Its Competitiveness?**

In the beginning of the 1980s SAS was suffering from overcapacity, products poorly-suited to the market's needs, low service levels, and a lack of customer confidence. This led to a financial crisis. At that point, SAS revised its strategy, marketing and product development and created The Businessman's Airline. The portion of full-fare passengers quickly increased and market shares were regained. This, in combination with favorable market growth, led to greatly improved profitability.

SAS grew gradually into the size it had originally intended, and capacity is now fully utilized. The Airline expanded with new aircraft and more employees. However, capacity was added at higher than average costs, at the same time that revenue fell below average for the added volume due to the fare structure and product mix.

To strengthen competitiveness and profitability in a market with stagnant fares, SAS is continuing to emphasize quality in service, increased productivity and expansion.

After review, suitable levels of product and service quality were determined and norms were established for overbooking, baggage handling, reply times, and a number of other technical and operative tasks. Priority has been given to safety, punctuality and service.

Service must be provided at the right quality and a cost not exceeding the competition. But to do so requires significantly higher productivity than we have today. Since labor is more expensive in Scandinavia than in most other areas of the world, higher productivity demands will necessitate increased automation and computerization.

Expansion applies to both the route network and SAS's service concepts. The latter includes the continued

development of The Businessman's Airline concept as a complement to the integrated travel service chain. Other important elements include airline check-in for SAS passengers at hotels and hotel check-in at airports, special EuroClass lounges at all airports where SAS is represented, transfer services, and cooperation with other airlines for continued travel to other parts of the world.

Up until 1986 SAS focused primarily on its existing route network. Now, new routes are again being opened, starting with Reykjavik in 1987. Malaga, Cairo, Toronto and Beijing are next in line. Moreover, Buenos Aires will be a point of connection for continued travel to other destinations in South America.



## SAS INTERNATIONAL HOTELS

	86/87 15 mths	86/87 12 mths	85/86 12 mths
MSEK			
Revenue	1564	1230	1083
Operating income before depreciation	189	169	149
Gross profit margin, (GOP) %	— <sup>1</sup>	22	21
Income before extraordinary items	63	73	69
Investments	212	173	110
Return on capital employed, %	— <sup>1</sup>	13	17
Number of employees	3446	3301	2992

<sup>1</sup> Not relevant for 15-month period.

SAS International Hotels manages first-class hotels in Scandinavia, Austria and Kuwait. It also has hotels in northern Norway, marketed under the name North Cape Hotels.

SAS International Hotels' business concept is to operate and develop hotels in and outside Scandinavia and thereby be an integrated link in the travel service chain. The buildup of its own hotel chain is therefore a natural element in the SAS Group's development from an airline to a travel-service company primarily for the frequent business traveler.

SAS International Hotels' goal is to establish, within a five-year period, hotels at a minimum of another ten destinations where SAS has nonstop connections from Scandinavia. Hotel projects far along in their planning include those in Amsterdam, Brussels, Helsinki and Beijing.

SAS International Hotels' qualitative goal is to be one of the best alternatives for the businessman. This means that all hotels should have the same high standard and offer services particular to SAS.

### Product Development and Price Differentiation

In implementing the Group's Businessman's Airline strategy, SAS International Hotels has adapted many of its products and services. A concept with higher standards and special services is marketed as Royal Club. The basic idea is to make the business traveler's hotel stay effective from the standpoint of work, relaxation and recreation. Airline check-in is offered at all hotels in cooperation with SAS Airline.

The hotel strategy is based on a clear product and price differentiation, designed to increase the occupancy rate and improve profit margins. The product range has the same structure as in

SAS Airline: an exclusive first class, a high standard for regular-price customers, and discount alternatives on weekends, during vacation periods and at other times less interesting to business travelers.

### Demand Parallel With Air Travel

Demand for hotel rooms by businessmen follows general economic trends and shows the same pattern as air travel. The tourist sector is dependent on the scope of disposable income and is more sensitive to external factors.

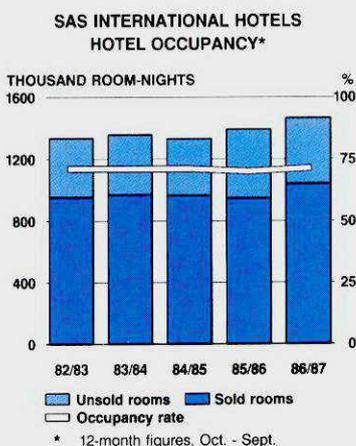
Growth in demand has generally been good in recent years, with the exception of 1986, when the effects of the Chernobyl accident in the Soviet Union and the falling dollar reduced tourist travel to Europe from North America. The market recovered in 1987, reaching on average the same level as earlier in the decade.

### First With Integrated Services

Most major hotel chains are owned by or affiliated with airlines. Swissôtel is owned by Swissair, Meridien by Air France, Golden Tulip by KLM, and so on. More than other airlines, however, SAS has integrated air travel, hotels and ground services in its product range.

SAS's integrated products are still ahead of the competition. Several European airlines are now beginning to copy the concept, as was the case with The Businessman's Airline.

As an element in the development of its business traveler services, SAS is cooperating with a number of first-class hotels — marketed together with air travel under the name SAS Destination Service. Seventy hotels around the world, selected by SAS for their quality, location, price, service and standard, are currently part of the program.





Many of these hotels are offering airline check-in for SAS passengers, for example.

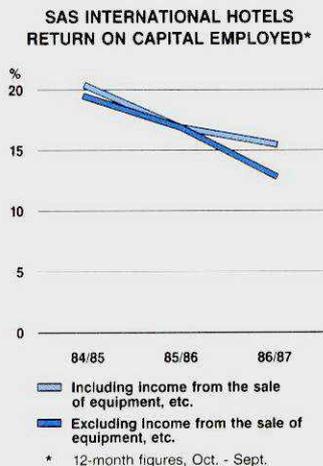
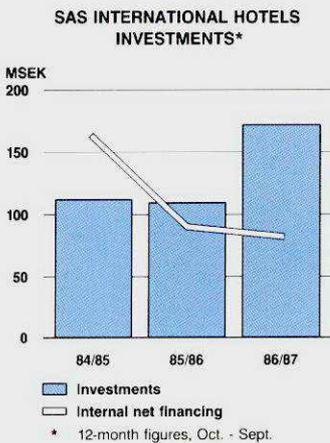
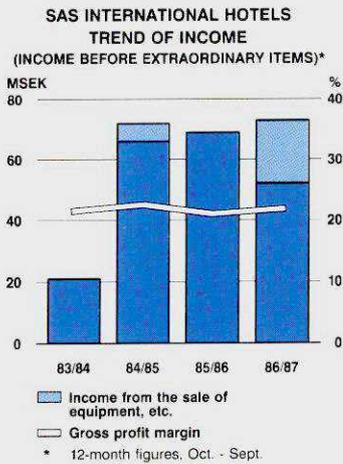
### **Local Competition**

About 70 percent of hotel bookings are made locally. A hotel's image in the local market is therefore extremely important. However, the share of local bookings will likely decrease as the major information, reservation and payment systems grow.

### **Factors Affecting Profitability**

Two main factors affect a hotel's profitability: the occupancy rate and the price per room.

A well-established first-class hotel generally has a high, steady number of business travelers on weekdays during the autumn, winter and spring. Customer loyalty is often very high. However, the opening of new hotels can quickly alter the balance of a local market, as was the case in 1986/87 in Bergen and Gothenburg.



The summer season and weekends are utilized for marginal sales, which are decisive to the hotel's total profitability. That is why poor weather during the summer can greatly affect a hotel's overall profitability, as happened in Sweden in 1987.

The average price level depends on costs, local competition, the balance of supply and demand, and the hotel's general attraction. Its restaurant business plays an important role in the hotel's image and for service to its guests. Restaurants account for an average of approximately 40 percent of a first-class hotel's total revenues, though this rarely covers more than operating costs. Increasing the efficiency of restaurant operations is therefore one way for a hotel to improve its profitability.

### Comprehensive Investments

SAS International Hotels owns six hotel properties, with a total market value of 1.5 billion kronor. These holdings are booked at a substantially lower value, leaving a hidden reserve in the range of one billion kronor.

In 1987 three hotels in northern Norway were sold, one of which is now leased. The capital gain on these sales was 21 MSEK.

SAS International Hotels' investment program calls for two or three new hotels each year. This requires a high degree of internal financing. The strategy for purchasing and constructing new properties is to finance the investments internally, retain ownership for a few years and then sell the building with a sale-and-leaseback agreement. SAS International Hotels' current holdings are an important source of financing for this strategy.

Owning hotel properties is not necessary, however. If a hotel is to serve as a link in the travel service chain, operational management and control over

quality, costs and standard are the decisive factors. That is why leasing agreements or combinations of different financing alternatives are also of interest if SAS International Hotels is to meet the goals of its investment program.

SAS Service Partner is one of the largest international airline catering companies in the world. The business area actively supports the SAS Group's strategy by producing and distributing meals and related services on commercially viable terms to business travelers and tourists using SAS's traffic system. SAS Airline accounts for approximately 29 percent of SAS Service Partner's total revenue. To improve its know-how, profitability and spread its risks, SAS Service Partner's resources are being utilized in other, similar business activities.

### Business Concept

SAS Service Partner's business concept is to produce and supply meals and related services that improve upon customers' total products and give them a competitive edge.

These customers include airlines, aviation authorities, exhibition centers, conference facilities, hospitals and large companies.

SAS Service Partner's goal is to be the best alternative as a partner to selected customer groups. This goal will be achieved by developing, producing and supplying competitively priced products and services that are tailored to each customer's individual needs.

During the past four years operations have been concentrated to two main areas: catering and restaurants. Earlier operations were focused in Scandinavia, but SAS Service Partner has gradually diversified in other areas of Europe.

### Catering

Airline catering accounts for 60 percent of SAS Service Partner's total revenue. This does not include Offshore & Industrial Catering — which supplies meals and other services to oil platforms in the North Sea and construction sites — or Hospital Catering and Party Service.

SAS Airline is the single largest customer of the Scandinavian flight kitchens, accounting for 58 percent of Airline Catering Scandinavia's revenue. Outside Scandinavia, other customers account for 91 percent of Airline Catering International's revenue.

On January 1, 1988 SAS Service Partner acquired Catering Services Gesellschaft, a West German company operating flight kitchens in Munich, Hamburg, Hannover and Stuttgart, and Sky Shop Catering, which operates a flight kitchen in Berlin. Together with its other West German flight kitchens — in Frankfurt, Dusseldorf and Munich — SAS Service Partner is now able to cover most of SAS's traffic network in West Germany. SAS Service Partner is today Europe's largest airline caterer.

International Service Partners, formed in 1987, is a 50/50 joint venture with Dobbs, America's second largest airline-catering company. As part of the collaborative effort, the two companies' operations in Chicago have been coordinated under a single management. This cooperation opens opportunities in the North American market.

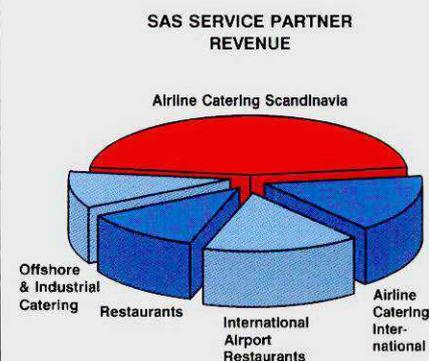
With its Offshore & Industrial Catering operation, SAS Service Partner is the leading supplier to oil platforms in the North Sea, with a 60-percent market share. However, stagnation in the oil market is having a negative effect on demand for SAS Service Partner's products.

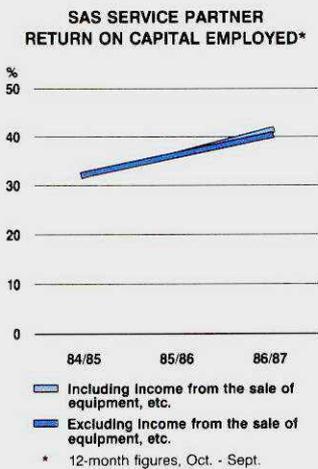
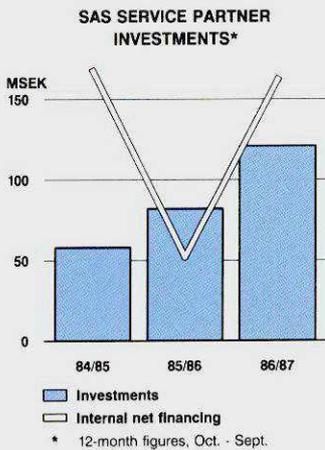
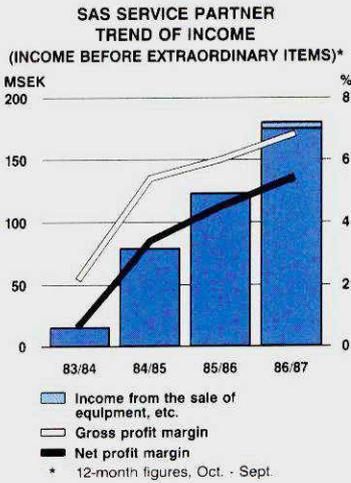
The Hospital Catering division is a new, independent unit that provides meals for hospital kitchens and staff canteens in Sweden. Hospital Catering made its market breakthrough in 1987. Interest in this type of service is growing in both Scandinavia and elsewhere, making for an expansive market.

## SAS SERVICE PARTNER

	86/87	86/87	85/86
MSEK	15 mths	12 mths	12 mths
Revenue	4063	3223	2712
Operating income before depreciation	252	219	163
Gross profit margin, %	— <sup>1</sup>	7	6
Income before extraordinary items	202	180	123
Investments	159	121	82
Return on capital employed, %	— <sup>1</sup>	40	36
Number of employees	7344	7311	6445

<sup>1</sup> Not relevant for 15-month period





## Restaurants

Restaurant operations include airport restaurants, canteens, roadside restaurants and restaurants in exhibition centers and sports facilities.

SAS Service Partner operates more than 100 airport restaurants at 35 airports. It operates all the restaurants, bars and newsstands at the new shopping area opened in 1987 at Copenhagen's airport.

Plans call for an expansion of operations outside Scandinavia. An important step toward this goal was reached when SAS Service Partner was awarded a contract to conduct all restaurant operations at the Barbican Centre in London, one of the world's largest cultural centers.

Other important contracts received in 1986/87 include the Stockholm Globe Arena (the Swedish capital's new sports arena), the restaurants at SAS's new headquarters outside Stockholm, as well as an additional 22 contracts to operate staff canteens.

## Continued Expansion

During the past three years SAS Service Partner has noted very positive trends in revenue and income. These successes are rooted in a correct market and customer orientation, restraints on capital expenditures, efficiency in operations, and personnel development. Operations have been focused on areas with good growth potential and where risks are spread geographically and productwise.

SAS Service Partner's financial goal is a pre-tax net profit margin of 6 percent. The figure for 1986/87 was 5.6 percent.

SAS Service Partner has an aggressive strategy for the future that includes investments in new projects and acquisitions of established flight kitchens and restaurants to strengthen its position in Europe.





## SAS LEISURE

VINGRESOR MSEK	86/87 15 mths	86/87 12 mths	85/86 12 mths
Revenue	2935	2379	1897
Operating income before depreciation	105	139	111
Gross profit margin, %	— <sup>1</sup>	6	6
Income before extraordinary items	106	141	133
Investments	200	150	200
Return on capital employed, %	— <sup>1</sup>	34	42
Number of employees	2341	2355	1855

<sup>1</sup>Not relevant for 15-month period

SAS Leisure comprises Vingresor, which is a wholly owned subsidiary of the SAS Group, and the charter operator Scanair, a separate consortium with the same ownership structure as SAS but not consolidated in the SAS Group's financial statements.

### Expanding Market

Vingresor is the largest inclusive-tour operator in Scandinavia, with 845,000 travelers in 1986/87 (15 months). Scanair is Scandinavia's largest charter operator.

An important part of Vingresor's and Scanair's common strategy is high volumes to a limited number of destinations. Both companies have to date concentrated on Sweden and Norway, where they are market leaders.

Demand for vacation travel has grown during the past five years. In Sweden the market rose in 1987 to 1,215,000 travelers. The corresponding figure for Norway was 730,000. Approximately one-third of the total market travel once a year, while the others travel as often as their budget allows: on average once every third year. The latter group therefore has great potential.

The most important factor affecting demand in Sweden is economic growth and private consumption. Consumer patterns have been favorable for the vacation travel market, and 1987 was a very good year for Swedish inclusive-tour operators. The same trend — though even more accelerated — was evident in Norway until 1986, after which time the market leveled off following developments in the Norwegian economy.

The Scandinavian inclusive-tour market is dominated by operators with ties to airlines. The largest is Vingresor/SAS/Scanair, followed by Spies/Conair in Denmark and Fritidsresor/Star Tour/Sterling.

Profitability in the industry is generally weak, and many small competitors have been forced out of the market, which has led to a strong oligopoly.

### VINGRESOR

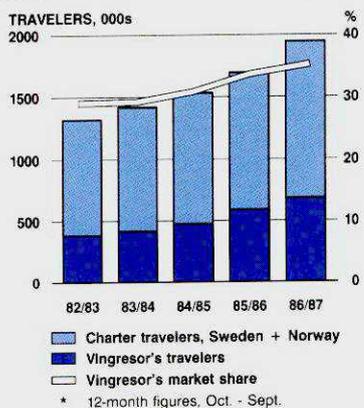
Vingresor's business concept is to offer its customers competitively priced vacation trips. This idea is based on clear product and price differentiation with a systematic range of products for both the quality and low-price segments of the market. In the former, Sunwing resorts and Ving Centers are the most important elements. In the low-price segment, Vingresor's prices should be lower than the competition's for similar products.

Vingresor's qualitative goal is to have the market's most satisfied customers, its highest repeat purchase rate and the industry's best partners. The quantitative goal is a 40-percent market share in Sweden and Norway. In addition, Vingresor will be more active in other geographic markets. In Europe as a whole, Vingresor is a relatively large tour operator. The largest of all is the British company Thomson, which handles around 2.5 million travelers a year. Following Thomson are another British firm and two West German ones. Vingresor is fifth largest in size.

Size is important not only in competition for customers. It also makes it easier to find and maintain attractive partners — primarily hotel operators — to ensure product and service quality. Western Europe's largest operators, which have high capacity and volumes, are the toughest competitors in this respect. Nevertheless, Vingresor's relative size and good image have helped it to do well.

At the same time, Vingresor is adding new Sunwing facilities, including the Ving Centers. By owning its own facilities Vingresor has the advantage of full control over quality and service.

VINGRESOR  
MARKET SHARE IN SWEDEN AND NORWAY\*



Thus, vacation packages can be tailored to the needs of Scandinavian customers.

In 1986/87 Sunwing and Ving Centers accounted for 25 percent of Vingresor's sales.

### **Positive Trend in Income**

During the past five years Vingresor has noted a 17-percent average increase in its number of passengers. Revenue has risen by 20 percent per year and income after financial items by 40 percent.

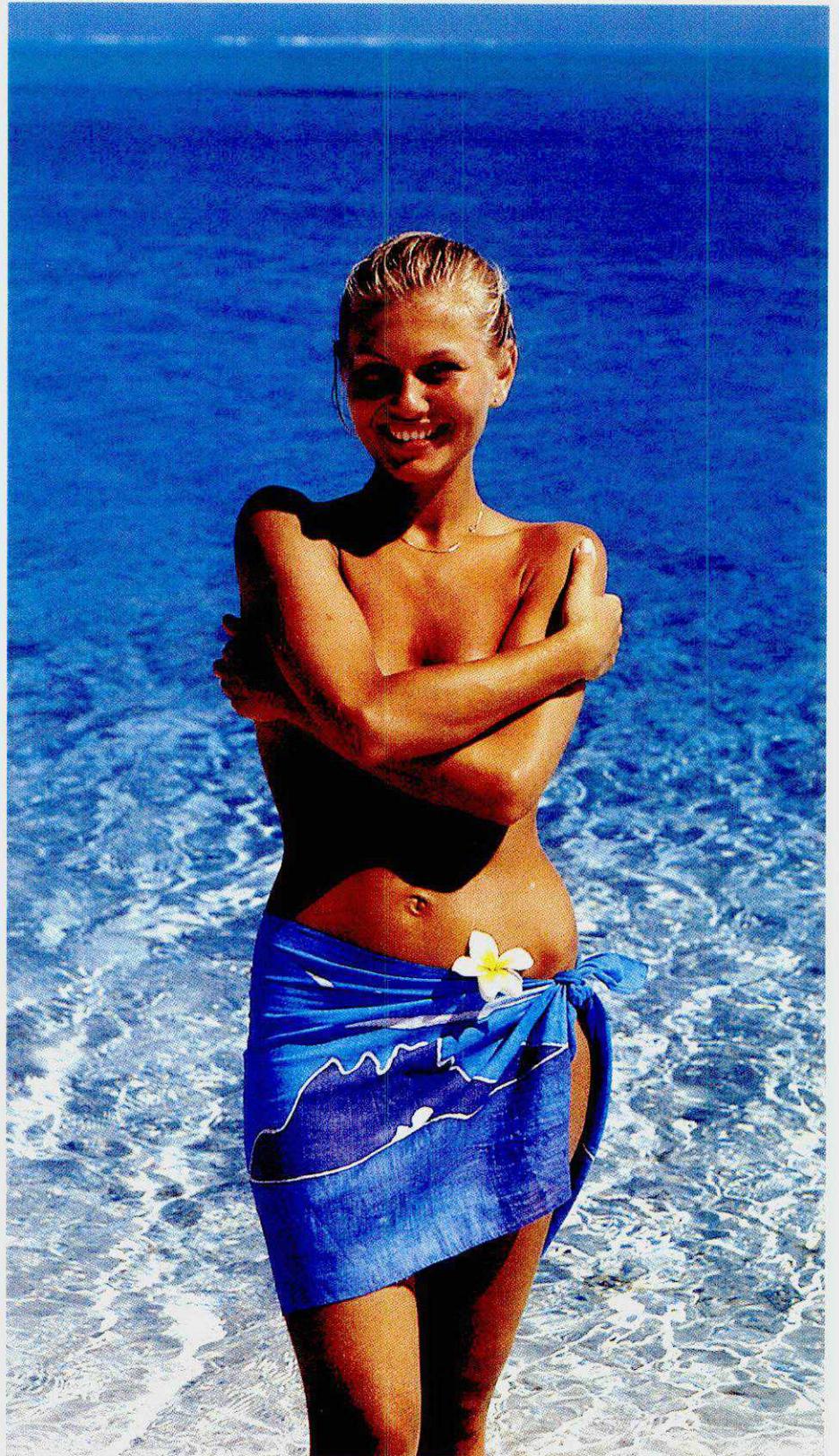
Capacity utilization has remained steady at around 99 percent; in 1986/87 it was 99.4 percent. Achieving this requires a high repeat purchase rate, a clear strategy for prices, products and service, and a distribution system focused on company-owned outlets with total responsibility for customers and complete control over bookings as well as a highly-developed computer system.

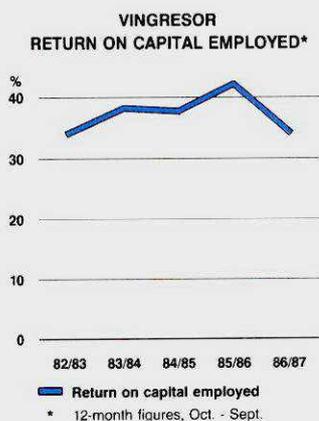
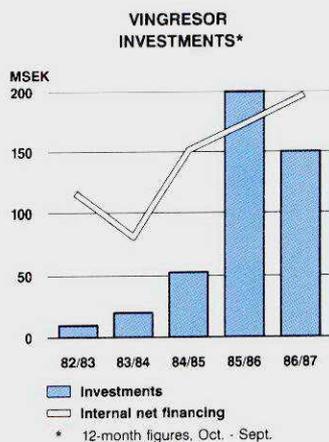
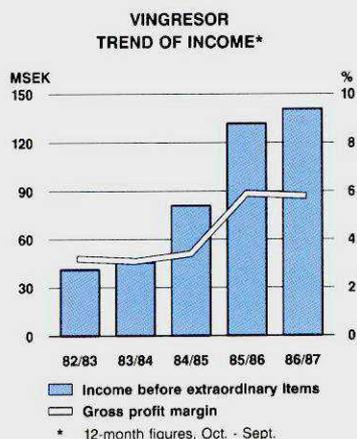
### **Continued Expansion**

Spain, including the Canary Islands, and the other Mediterranean countries account for most of Vingresor's trips. The Canary Islands account for 68 percent of winter volume. These destinations will play a dominant role for Vingresor in the foreseeable future.

Vingresor's strategy for its future expansion includes continued efforts in existing locations, the continued upgrading of products, and efforts to cultivate new geographic customer bases. In the latter case Spain has great potential. The Canary Islands are increasing in popularity as a summer vacation spot among Spaniards. Vingresor hopes to offer its facilities on the Islands for this market during a period when they otherwise are under-utilized.

In 1987 Vingresor became a part-owner in Spanair, a new Spanish charter operator, in order to exploit opportunities in the Spanish market and insure flight capacity at competitive





prices. Spanair's operations will begin in the spring of 1988 with four DC-9-83s flying to, from and between various destinations in Spain. In 1988 Spanair is expected to handle 10 percent of Vingresor's capacity needs.

During the past four years capacity at Sunwing facilities has been doubled to 6,620 room-nights.

## SCANAIR

Scanair conducts charter operations from Sweden and Norway and, to a lesser extent, from Denmark.

### Its Own Aircraft

During the year Scanair had six DC-8s on long-term lease from SAS. It also leased DC-9s and Airbus A300s from SAS and Fokker F28s from Linjeflyg.

During the autumn Scanair purchased six DC-8s from SAS, which is now converting to other types of aircraft better suited to scheduled traffic.

Scanair's customers are tour operators that purchase capacity on contract and thus assume the short-term financial risk. The company's long-term term growth will be determined by its ability to do business with financially stable and successful tour operators.

In 1986/87 Scanair served twenty tour operators, including fourteen from Sweden and four from Norway. The main destinations are the Canary Islands, and other locations in Spain and Greece, which together accounted for 79 percent of production. Revenue for the 15-month 1986/87 fiscal year was 1993 MSEK. Income before extraordinary items amounted to 58 MSEK.

Market growth has allowed Scanair, which earlier developed as a marginal business alongside SAS, to become more independent. Increased demand for charter travel has also enticed other airlines to enter the market. In comparison with established companies,

these new competitors often have a more advantageous cost structure. To date the extra capacity has absorbed excess demand in the inclusive-tour market, and increasing competition has had little effect on prices. Since prices play a decisive role in a tour operator's selection of an airline, Scanair must continue to streamline its operations and increase efficiency to maintain its position.

An important element in the SAS Group's strategy is to maintain a stable financial position and good liquidity. This provides a greater freedom to decide over the Group's future development and the financing of the comprehensive investment program.

A continued high degree of profitability is necessary to finance coming investments. In addition, SAS must actively position itself in financial markets to ensure access to a large number of financial sources. To do so requires that SAS acquire and develop financial know-how, especially in light of the rapid technical developments in today's financial markets.

Effective January 1, 1988 SAS's financial operations are organized as a separate operating unit, SAS Finance, with the status of a business area. Its main role is to

- be responsible for arranging external funding at the best possible conditions,
- invest the Group's liquidity for optimal returns, and
- ensure that the Group's risk exposure, primarily currency and interest rate risks, is kept to an acceptable level.

SAS Finance's role in relation to Group subsidiaries and operating units is to offer short-term investments at commercially viable terms, serve as a lender, carry out currency transactions, and advise in such financial matters as leasing and project-related financing. In this way the Group's financial resources are optimized at the same time that its risk exposure is kept under control.

Last year the financial operations noted a high level of activity. A bond issue of USD 100 million with currency warrants was floated. Two private placements totaling JPY 14,500 million were arranged in Japan. Moreover, a number of loan and swap transactions were made, as were special financing arrangements for aircraft and hotel investments.

A USD 200 million Euro Commercial Paper program was arranged for short-term financing.

During the autumn a presentation of the SAS Group was held in Tokyo before 150 representatives of Japanese financial institutions. The presentation was one in a series of efforts to strengthen the Group's relations with the Japanese capital market.

SAS received an AA credit rating for medium and long-term bond issues from the Japanese credit-rating agency Nippon Investors Service. SAS also received an A1+ credit rating for short-term borrowing.

## **SAS FINANCE**

## AFFILIATED COMPANIES

Affiliated companies are defined as those companies in which SAS's ownership is between 20 and 50 percent. These companies include Linjeflyg, Polygon Insurance Co. Ltd., Bennett Reisebureau A/S, Grønlandsfly A/S (Greenlandair) and Travel Management Group Sweden. Certain results are preliminary.

<b>Linjeflyg AB (50%)</b>		
MSEK	86/87 15 mths	85/86 12 mths
Revenue	2573	1809
Income <sup>1</sup>	134	155
Adjusted equity	395	342
Number of employees	1896	1700

<sup>1</sup> Income before allocations and taxes

Linjeflyg's share of the Swedish domestic air travel market is approximately 60 percent. During the 1986/87 fiscal year 4 million passengers were transported, an 8-percent increase over a year earlier.

The aircraft fleet consists of 20 Fokker F28s. Linjeflyg's secondary routes are served with SAAB SF340s leased from Swedair.

To further improve its product, Linjeflyg, in cooperation with SAS, has begun development of a new booking system for Swedish domestic air travel. The system is expected to be gradually placed in operation in 1988.

### **Polygon Insurance Co. Ltd. (33%)**

MSEK	86/87	85/86
Premiums, net	130	173
Income <sup>1</sup>	36	38
Adjusted equity	149	103

<sup>1</sup> Income before taxes

Polygon is owned one-third each by KLM, SAS and Swissair. Day-to-day administration is handled by Transglobe Underwriting Management Ltd.

The company has gradually developed an increasing presence in the world aviation insurance community, with a reputation founded on the quality of its ownership, sound underwriting and a strong balance sheet. Today it ranks among the major international aviation underwriters with approxi-

### **SAS INCOME AND EQUITY INCLUDING AFFILIATED COMPANIES**

MSEK	Group excluding affiliated companies		Affiliated company share <sup>1</sup>		Group including affiliated companies	
	86/87 15 mths	85/86 12 mths	86/87	85/86	86/87 15 mths	85/86 12 mths
Income before allocations and taxes	1698	1515	85	78	1783	1593
Untaxed reserves <sup>2</sup>	436	530	143	112	579	642
Equity	6039	3771	171	133	6210	3904
Adjusted equity	6475	4301	314	245	6789	4546
Book value of SAS shares in affiliated companies			96	84		

<sup>1</sup> Undistributed share; several small companies are not included in the figures.

<sup>2</sup> After standard 50 % tax.

mately 90 percent of its income derived from open market business. Polygon Insurance Company (UK) Ltd., the London-based subsidiary, was consolidated for the first time in December 1986 following a successful first year. The subsidiary provides the vehicle for expanding into the non-aviation insurance sector.

The decline in premium income during the year is a result of the lower value of the U.S. dollar.

#### **Bennett Reisebureau A/S (31%)**

MSEK	1987	1986
Revenue	1494	1483
Income <sup>1</sup>	9	15
Adjusted equity	52	43
Number of employees	380	396

<sup>1</sup> Income before allocations and taxes

The Bennett group of companies consists of the parent company, Bennett Reisebureau A/S in Norway, and three wholly owned subsidiaries in Denmark, France and the U.S. The group runs travel agency and inclusive-tour operations. Bennett is Norway's largest travel agent, with more than 60 sales outlets. It is one of the largest agents in Denmark as well.

#### **Grønlandsfly A/S (25%)**

MSEK	1987	1986
Revenue	340	260
Income <sup>1</sup>	46	22
Adjusted equity	157	120
Number of employees	440	405

<sup>1</sup> Income before taxes

This group consists of the parent company, Grønlandsfly A/S (Greenlandair), and three operating subsidiaries. Grønlandsfly primarily handles domestic air traffic in Greenland.

#### **Travel Management Group Sweden AB (30%)**

MSEK	1987	1986
Revenue	3634	3520
Income <sup>1</sup>	3	-3
Adjusted equity	14	15
Number of employees	1113	1146

<sup>1</sup> Income before allocations and taxes

Travel Management Group Sweden AB (TMG) includes the travel agent groups Resespecialisterna and Nyman & Schultz, as well as Globetrotter Tour Production, Scandinavian Express and the Swedish/Chinese Travel Agency.

In 1987 the two travel agent groups were merged under a common administration and management, Nyman & Schultz Resespecialisterna AB. In connection with this, the individual offices were converted to handle solely business travel.

During the autumn SAS and Nordstjernan sold 20 and 10 percent of their shares, respectively, in TMG to a consortium of fifty persons with upper management positions in TMG.

## REPORT BY THE BOARD AND THE PRESIDENT\*

October 1, 1986 –  
December 31, 1987

**Effective January 1, 1988, the SAS Consortium and its subsidiaries will apply the calendar year as its fiscal year. This annual report covers a fifteen-month period beginning October 1, 1986 and ending December 31, 1987. The SAS Group submitted an interim report for the twelve-month period ended September 30, 1987, which corresponds to previous fiscal years. Unless otherwise specified, comparisons with previous years are made against the interim results.**

**Twelve-month figures are unaudited.**

*\* A translation of the Swedish original*

### Summary

Growth in the international travel industry remained strong during the year. Economic activity was high in the U.S., Japan and Southeast Asia, while developments were dampened in Scandinavia and other parts of Europe towards the end of 1987. In general, demand for both business and vacation travel was high.

The competition intensified in all of the SAS Group's business areas as a result of increased overall capacity and the continued liberalization of the European airline industry. This, together with the greater interest of primarily American carriers in Scandinavia and Europe, led to downward pressure on fares and declining margins for most airlines. The American carriers also benefited from the low dollar. SAS's income was affected by its inability to raise fares on European routes.

Inflation in the Scandinavian countries continued to grow at a faster rate than in other Western countries. Consequently, the SAS Group's expenses rose more rapidly than those of its key competitors in the U.S. and Europe. Crude oil prices (quoted in U.S. dollars), which dropped sharply in 1986, rose again in 1987. This led to greater fuel costs for SAS Airline toward the end of the fiscal period.

During the year the SAS Group successfully continued its development of an integrated travel service for the business traveler. SAS Airline's route network was expanded with six new nonstop flights, as well as more frequent flights on other routes. Efforts at extending the cooperation between the airline and hotel operations continued. New SAS Hotels were inaugurated, and cooperation agreements were signed with other hotels within the framework of SAS Destination Service.

The first phase of the expansion

and modernization of Copenhagen's airport was concluded during the summer. Together with the Danish aviation authorities, the SAS Group has helped create one of Europe's most attractive airports – an important element in the development of the traffic system. SAS Service Partner operates the airport's restaurants and bars. SAS also has an active role in providing goods for the airport's tax-free shops.

Negotiations with Thai Airways International resulted in a cooperation agreement in October 1987. The arrangement involves the integration of activities between the companies and includes the expansion of service from the airports in Bangkok and Copenhagen to important destinations.

During the autumn of 1987, after clearing a number of legal hurdles in the U.K., SAS made an offer to the shareholders of British Caledonian to purchase a minority shareholding in that company. British Airways, which had offered to take over all shares in British Caledonian, then raised its bid. For business reasons, SAS decided to withdraw from further bidding. SAS's handling of this situation received a great deal of public attention and was well received, further strengthening the company's international reputation.

During the year in review, SAS began development of a new travel-services information and distribution system (Amadeus), in cooperation with Air France, Iberia and Lufthansa.

The growth in traffic and focus on service in recent years have required greater resources and capacity. Along with the Group's continued growth has come a higher cost level, while the increasing volume has not yet yielded the benefits of economies of scale in terms of expenses.

The SAS Group's operating revenue for the period October 1, 1986 to

December 31, 1987 amounted to 29,924 MSEK, of which 23,870 MSEK (21,585) was generated during the twelve-month period ended September 30, 1987.

The Group's income before allocations and taxes amounted to 1,698 MSEK for the period October 1, 1986 to December 31, 1987. The corresponding figure for the twelve-month period ended September 30, 1987 was 1,663 MSEK (1,515). The level of income during the fifth fiscal quarter was weak.

Income before depreciation amounted to 2,517 MSEK for the full fiscal year. Continued expansion of the aircraft fleet, along with other investments in hotels, restaurants and flight kitchens, resulted in greater depreciation expense. The sale of aircraft, hotels, etc. yielded gains of 394 MSEK. Since the sale of fixed assets related to operations are being made as part of SAS's continued development and partly entail "reversals of depreciation," gains on these sales are reported as a separate item in the statement of income. The Group's net interest income improved partly due to a capital infusion of 1,050 MSEK made by the SAS parent companies during the year.

Revenue, income and key ratios of the SAS Group are shown in the table below.

**SAS Airline** noted continued growth in Europe and Scandinavia. Following slight improvements during the first four quarters, the income trend weakened toward the end of 1987. This decline is largely attributable to the restrictive position of the Scandinavian authorities, who have not allowed fare increases for quite some time; consequently, SAS has not been able to compensate for rising costs. An action plan has been adopted in the Airline to reduce costs without reducing service and quality.

**SAS International Hotels** is now investing considerably in new hotels at important SAS destinations, as part of the development of the Group's integrated travel service chain. Income of SAS International Hotels was affected by increased capital costs for new hotels and continued fierce competition stemming from other, newly established hotels.

**SAS Service Partner** reported a substantial increase in income, primarily from its international airport restaurants and offshore operations. Growth of

#### SAS GROUP INCOME AND KEY RATIOS

MSEK	86/87 15 mths	86/87 12 mths	85/86 12 mths
Revenue	29924	23870	21585
Operating income before depreciation	2517	2346	2216
Depreciation	-1380	-1126	-863
Gain on the sale of equipment, etc.	394	313	34
Financial items, net	167	130	128
Extraordinary items	-	-	-
Income before allocations and taxes	1698	1663	1515
Investments	3493	2660	4128
Return on capital employed, %	- <sup>1</sup>	16	22
Share of risk-bearing capital, %	35	36	29
Average number of employees	34463	34207	31775

<sup>1</sup> Not relevant for 15-month period.

scheduled air traffic contributed to high capacity utilization.

Operating in a very positive market, **Vingresor** strengthened its position as the leading inclusive-tour operator in Scandinavia. Vingresor's income improved during the first four quarters, but deteriorated toward the end of the fifteen month period as a result of seasonal variations and increased jet fuel costs.

Development costs for information and distribution systems, as well as income from other businesses, are included among **Other Units and Projects**.

### SAS Airline

Compared with the previous fiscal year (October-September), SAS's total passenger traffic rose by 4 percent, with an unchanged production level. This trend was similar throughout the remainder of 1987.

The average cabin factor improved to 68.9 percent (66.2). As of September 1987 the total number of passengers who flew with SAS rose by 7 percent to 12.5 million. The number of passengers for the full fifteen-month period in 1986/87 amounted to 15.7 million.

*Intercontinental traffic* was characterized by continued fierce competition, especially on North Atlantic routes. The earlier decision to change over from Boe-

ing 747s to DC-10s led to an improved cabin factor.

During the autumn SAS began weekly service between Copenhagen and Tokyo, flying nonstop over the Soviet Union. This new route is the shortest connection between Europe and Japan. Also during the autumn, SAS became the first airline to offer daily service between Bangkok and Europe.

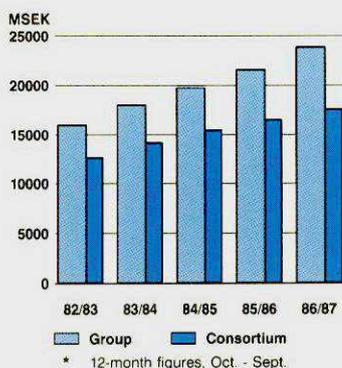
SAS's *European traffic* developed favorably. The percentage of full-fare passengers continued to increase, though not quite as rapidly as a year earlier. SAS still has the highest percentage of full-fare passengers of any European airline. New, discount-fare alternatives contributed to high capacity utilization.

The traffic program was expanded with additional nonstop routes and more frequent flights to major destinations. Service for business travelers was improved with the addition of Euro-Class lounges at several airports.

A number of new DC-9-80 aircraft with greater capacity were introduced in *Danish domestic traffic*, resulting in a further increase in the percentage of business travelers. Certain flights to Greenland were transferred as planned to Grønlandsfly A/S (Greenlandair).

In *Norway*, parallel concessions were initiated during the year between SAS and Braathens SAFE; as a result,

REVENUE\*



### REVENUE BY BUSINESS AREA

MSEK	86/87 15 mths	86/87 12 mths	85/86 12 mths
SAS Airline	21953	17510	16483
SAS International Hotels	1564	1230	1083
SAS Service Partner	4063	3223	2712
Vingresor	2935	2379	1897
Other units and projects	976	730	427
Joint Group costs	—	—	—
Group eliminations	-1567	-1202	-1017
<b>SAS Group</b>	<b>29924</b>	23870	21585

both companies now compete on the Oslo-Bergen, Oslo-Stavanger and Oslo-Trondheim routes. Due to a somewhat sluggish market, SAS's overall traffic production was cut, leading to high capacity utilization.

Domestic traffic in *Sweden* was once again hit with problems, this time from a conflict between air traffic controllers and the Swedish Civil Aviation Administration. Greater opportunities for advanced training and a new labor agreement are expected to provide a lasting resolution to this conflict.

During the year five new DC-9-80s, two DC-10-30s, two DC-8-63s and two DC-9-51s were delivered. SAS's three Airbus planes and a Boeing 747 were sold during the fiscal period. Six DC-8-63s were transferred during the autumn to the sister consortium Scanair.

Toward the end of the year it was decided to make the intercontinental route network more competitive with the addition of more frequent nonstop flights. Consequently, the Airline decided to make new investments in its long-distance fleet. The choice came to two versions of the Boeing 767, a twin-engine plane with 150 and 200 seats, respectively, and a range that is well suited to the planned route network. The order calls for nine aircraft with an option to purchase an additional fifteen. Deliveries will begin in spring 1989. The

total investment for the first nine planes is estimated at approximately SEK 4 billion.

As per December 31, 1987, twenty-seven aircraft were on order for delivery in the coming years. Among these are a DC-9-80 ordered during the past year and the nine Boeing 767s mentioned above.

A breakdown of the aircraft fleet at year-end 1987 is provided in a table on p. 39.

SAS's rapid expansion during the 1980s, together with increased retirement-related vacancies, is requiring greater pilot recruiting measures. Newly started civilian training courses in Denmark, Norway and Sweden will not sufficiently fulfill SAS's needs in the short term. Cooperation was therefore initiated during the year with a number of flight schools in the U.S.

SAS Airline's operating revenue amounted to 21,953 MSEK. The corresponding figure for the twelve-month period ended September 30, 1987 was 17,510 MSEK (16,483), an increase of 6 percent.

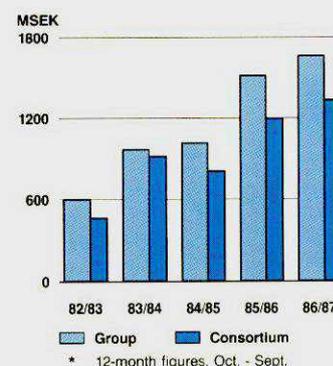
Of the increase during the twelve-month interim period, 5 percent was volume-related. Fare growth was weak, rising one percentage point.

No increases in full-fares were approved for SAS's European traffic originating from Scandinavia during

### INCOME BY BUSINESS AREA

MSEK	86/87 15 mths	86/87 12 mths	85/86 12 mths
SAS Airline	1586	1453	1305
SAS International Hotels	63	73	69
SAS Service Partner	202	180	123
Vingresor	106	141	133
Other units and projects	-128	-99	-28
Joint Group costs	-88	-44	-69
Group eliminations	-43	-41	-18
Income before extraordinary items	1698	1663	1515

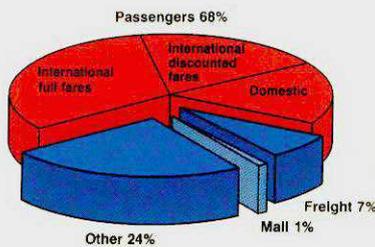
### INCOME BEFORE ALLOCATIONS AND TAXES\*



### TOTAL PRODUCTION AND TRAFFIC

12 months	AVAILABLE TONNE-KILOMETERS			REVENUE TONNE-KILOMETERS			LOAD FACTOR	
	Million	Change %	Share %	Million	Change %	Share %	%	Change % pts.
North & South Atlantic	878	-9	37	651	-2	41	74.2	5.4
Asia, Africa	314	-9	13	232	-3	15	73.9	4.6
INTERCONTINENTAL	1192	-9	50	883	-3	56	74.1	5.1
EUROPE (incl. Middle East)	780	10	32	409	8	26	52.4	-1.2
DOMESTIC	439	3	18	280	7	18	63.8	2.8
<b>TOTAL NETWORK</b>	<b>2411</b>	<b>-2</b>	<b>100</b>	<b>1572</b>	<b>2</b>	<b>100</b>	<b>65.2</b>	<b>2.0</b>

CONSORTIUM REVENUE



1987. For intra-Scandinavian traffic, the authorities have not allowed fare increases for two and a half years. Fare increases on domestic routes have also been restrained and have not compensated for inflation. On North Atlantic routes, fare increases have been offset by the weaker U.S. dollar. Finally, on SAS's intercontinental network, fares for the important high-volume tourist segment have decreased in response to intense competition.

In general, cost increases have been greater in Scandinavia than in the countries of SAS's most significant competitors. Personnel costs, government user-fees and other operating expenses rose more rapidly than inflation during the year. As of summer 1987, these costs were no longer offset by lower fuel prices as in the previous year.

Fuel costs, which accounted for 7 percent of the Airline's total operating expenses during the year (excluding depreciation), developed favorably up until the summer, after which time they began to drift upward due to price increases.

In total, operating expenses amounted to 19,807 MSEK, of which 15,575 MSEK (14,583) was incurred during the first twelve months of the year.

Income before depreciation totaled 2,146 MSEK for the full year. Income for the twelve-month period ended September 30, 1987 amounted to 1,935 MSEK (1,900). Depreciation rose to 1,060 MSEK for the full fifteen-month period. Sales of aircraft, etc. yielded a gain of 354 MSEK. The balance of financial income and expense amounted to a surplus of 146 MSEK.

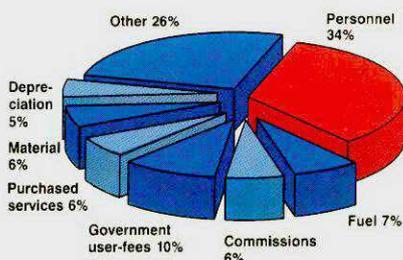
Income before extraordinary items amounted to 1,586 MSEK. The corresponding figure for the twelve-month interim period ended September 30, 1987 was 1,453 MSEK (1,305).

A long-term gross profit margin of 13 percent is necessary to enable modernization and expansion of the aircraft fleet, investments in traffic systems and information and distribution systems. An action plan has been adopted in the Airline to reduce costs without jeopardizing service and quality.

#### SAS International Hotels

Conditions in the hotel market varied in the locations where SAS International Hotels operates. The market was favorable in Denmark and Sweden, with the exception of Gothenburg, where the competition intensified with the addition of new competitors. Demand in Norway remained weak.

CONSORTIUM TOTAL OPERATING EXPENSES



**PASSENGER, FREIGHT AND MAIL TRAFFIC**

	PASSENGERS		CABIN FACTOR		FREIGHT		MAIL	
	Pass. km	Change %	%	Change % pts.	Tonne km	Change %	Tonne km	Change %
12 months								
North & South Atlantic	4 168	1	75.9	8.4	258.8	-5	15.5	-12
Asia, Africa	1 494	-4	74.6	5.3	85.7	2	10.7	-22
INTERCONTINENTAL	5 662	0	75.5	7.5	344.5	-3	26.2	-17
EUROPE	4 330	8	61.4	-1.3	26.3	11	13.8	9
Denmark	429	-3	70.0	1.8	3.2	-3	2.8	-7
Norway	1 206	7	69.2	2.5	8.0	-5	5.3	2
Sweden	1 322	12	69.6	0.9	3.9	22	0.9	-69
DOMESTIC	2 957	7	69.5	1.7	15.1	1	9.0	-20
TOTAL NETWORK	12 949	4	68.9	2.7	385.9	-2	49.0	-11

Consistent product and price differentiation, investments in travel services integrated with those of the Airline, and stepped-up marketing enabled continued improvement in room rates. In total, the average occupancy rate rose to 71.2 (68.7) percent during the twelve-month interim period.

Revenue amounted to 1,564 MSEK, of which 1,230 MSEK (1,083) pertains to the first twelve months of the fiscal year. A large part of this increase can be attributed to the newly acquired Strand Hotel in Stockholm, and the Royal Hotel in Stavanger.

Income before extraordinary items totaled 63 MSEK. Income for the first twelve months amounted to 73 MSEK (69). The decline is chiefly the result of seasonal variations, substantial marketing outlays in a lagging market, and expenses connected to new hotel projects.

Planned hotel investments in Brussels and Amsterdam are proceeding on schedule. In April 1987 a new hotel was opened in Stavanger, while in Stockholm, the Strand Hotel came under SAS's management in October 1986. In addition, participation in a joint venture was finalized in a contract for the construction and operation of the SAS Grand Hotel in Beijing.

**SAS Service Partner**

Increased charter and scheduled airline traffic have resulted in continued market growth. Intensive work on products, service and new concepts has contributed to greater demand for SAS Service Partner's products and services.

As an element in the newly established cooperation with the American catering company Dobbs, SAS Service Partner and Dobbs merged their operations at O'Hare Airport in Chicago. In addition, SAS Service Partner took over all restaurant operations at Palma de Mallorca's airport and at the Barbican Centre in London. A contract was also signed for the operation of restaurants in the Stockholm Globe Arena, a major sports and cultural center that will be inaugurated in 1989. In Denmark, agreements were reached for the operation of twelve staff canteens. Hospital catering achieved a breakthrough in the market through agreements with a number of Scandinavian hospitals. SAS Service Partner has also actively contributed to the major success of Copenhagen's airport. Toward the end of the year, Service Partner took over Catering Service Gesellschaft, a company with several flight kitchens in West Germany.

Revenue amounted to 4,063 MSEK during the full fiscal year, of

which 3,223 MSEK (2,712) was generated in the first twelve months.

Income before extraordinary items amounted to 202 MSEK, of which 180 MSEK (123) applies to the first twelve months. The improvement is attributable to a correct market and customer orientation, continued consolidation of operations, implementation of efficiency-improvement measures and high capacity utilization.

### **Vingresor**

The leisure market showed strong growth in both Norway and Sweden. The total number of Vingresor customers rose by 19 percent to more than 700,000 during the first twelve months; the corresponding figure for the full fiscal year was 845,000. The strong growth in volume has required substantial investment outlays, but has also facilitated further improvements in operating efficiency. Vingresor has improved its standing through the development of integrated service concepts in the form of Sunwings and Ving Centers. Simultaneously, Vingresor's market share has risen to 35 percent (34).

In order to capitalize on the opportunities in the expanding charter market in Spain, as well as to secure its future capacity, Vingresor bought a 25-percent stake in Spanair S.A., a new charter airline in Spain.

Construction of a Sunwing facility was completed in Arguineguin in the southern part of Gran Canaria during the year, while on Rhodes, a Club/33 conference hotel was also finished. Capacity at the Sunwing on Crete was doubled to more than 700.

Revenue amounted to 2,935 MSEK, of which 2,379 MSEK (1,897) was generated during the first twelve months.

Income before extraordinary items totaled 106 MSEK. Income dur-

ing the first four quarters was reported at 141 MSEK (133). The lower results during the fifth quarter are the result of seasonal variations and higher fuel prices.

### **Other Units and Projects**

A decision was made during the year to develop and operate a new information and distribution system for the 1990s (Amadeus). This work will be done by a special company in cooperation with Air France, Iberia and Lufthansa. The system is based on the American "System One," which is being adapted to the international market's needs and to the latest advancements in communications and computer technology.

Payments of travel services are increasingly being made with charge cards. Expansion of the Diners Club network is a step in the implementation of the SAS Group's distribution strategy.

For the Diners Club operations in the Nordic countries, the fiscal year was marked by problems created by new legislation in Denmark and Norway which prohibits international credit card companies from charging commissions on credit card payments made in the holders' own countries. Steps are being taken at Diners Club to counter the negative effects of this legislation. Parallel with its focus on new products, Diners Club acquired Danish Tax-Free Shopping, a company that arranges the repayment of value-added taxes for purchases made by non-Nordic residents in the Nordic countries.

The Air de Cologne cargo operations were discontinued in 1988.

A joint Group finance operation was formed during the year and became a business area on January 1, 1988.

SAS Trading (formerly External Enterprises in SAS Airline) was reorganized into a business area of the Group on January 1, 1988, with the pur-

pose of developing and conducting businesses related to flights.

### Affiliated Companies

Aside from the SAS Consortium and its subsidiaries, the SAS Group includes a number of affiliated companies (defined as companies in which SAS's ownership is between 20 and 50 percent). See note 14.

In addition to the consolidated income before allocations and taxes, which totaled 1,698 MSEK, SAS's share of the year's income retained in affiliated companies 85 MSEK (78).

The SAS Group's share of its affiliated companies' adjusted equity, after a 50% standard tax on untaxed reserves, amounted to 314 MSEK (245) on December 31, 1987.

SAS Airline's income includes share of income from København Lufthavns Forretningscenter K/S.

The book value of shares in affiliated companies reported by the SAS Consortium amounted to 96 MSEK.

### Profitability and Equity Ratio

The SAS Group's total pretax return on capital employed for the twelve-month period ended September 30, 1987 amounted to 16 percent (22).

The ratio of risk-bearing capital rose from 29 percent to 35 percent as of December 31, 1987. A capital contribution from the SAS parent companies accounted for 4 percentage points of this increase.

### Investments

The SAS Group's investments amounted to 3,493 MSEK during the period, of which the SAS Airline accounted for 2,446 MSEK, SAS International Hotels for 212 MSEK, SAS Service Partner for 159 MSEK, and Vingresor for 200 MSEK. Investments in aircraft and other flight equipment totaled 1,694

MSEK. Other investments include SAS's new head offices, which were occupied in the beginning of 1988.

### Financing and Liquidity

Net financing from the SAS Group's operations, after transfers of 350 MSEK to the parent companies, amounted to 2,559 MSEK.

A financing surplus of 131 MSEK was retained for the fifteen-month period, after net investments totaling 2,428 MSEK. As of March 1, 1987 the parent companies had supplied an additional 1,050 MSEK to the capital account.

In addition to the refinancing of older loans through two long-term loans totaling JPY 14.5 billion on the Japanese private market, new borrowing was taken up through a two-year bond issue of USD 100 million on the Eurobond market.

The SAS Group's liquid funds amounted to 5,107 MSEK on December 31, 1987 — an increase of 1,525 MSEK from September 30, 1986.

The Group's balance of financial income and expense amounted to a net surplus of 167 MSEK, of which 130 MSEK (128) pertains to the twelve-month interim period. As a result of lower gains from the sale of bonds and interest-rate swaps, net interest income was lower than in 1985/86.

The Group's favorable exchange rate outcome is primarily attributable to the falling U.S. dollar. Starting in 1986/87, unrealized currency losses on long-term debts have been offset by 126 MSEK against unrealized currency gains on loans. A surplus of unrealized currency gains increased the foreign exchange reserve by 136 MSEK to 364 MSEK during the fiscal year.

In a rating performed by the Japanese firm Nippon Investors Service, SAS received very high marks for both

### THE FLEET

As per 12-31-87 Aircraft type	Own- ed	Leas- ed	To- tal	Leas- ed out	On order
Boeing 767					9
Boeing 747		2	2	1 <sup>1</sup>	
Douglas DC-10-30	11		11		
Douglas DC-8-63	2		2	1 <sup>2</sup>	
Douglas DC-9-81	8		8		2
Douglas DC-9-82	8		8		4
Douglas DC-9-83	1		1		1
Douglas DC-9-87					9
Douglas DC-9-21	9		9		
Douglas DC-9-33	2		2		
Douglas DC-9-41	48		48		
Douglas DC-9-51	2		2	1 <sup>3</sup>	2
Fokker F27	9		9		
	100	2	102	3	27

<sup>1</sup> Leased to GPA Group Ltd.

<sup>2</sup> Leased to Scanair.

<sup>3</sup> Leased to Hawaiian Airlines.

**PERSONNEL\***

	SAS CONSORTIUM		SUBSIDIARIES		SAS GROUP	
	86/87	85/86	86/87	85/86	86/87	85/86
DENMARK	<b>7073</b>	7059	<b>2151</b>	2173	<b>9224</b>	9232
NORWAY	<b>4605</b>	4273	<b>3549</b>	3675	<b>8154</b>	7948
SWEDEN	<b>6825</b>	6344	<b>2860</b>	2639	<b>9685</b>	8983
ABROAD	<b>1962</b>	2097	<b>5182</b>	3515	<b>7144</b>	5612
<b>TOTAL</b>	<b>20465</b>	19773	<b>13742</b>	12002	<b>34207</b>	31775

\* 12-month period Oct.-Sept.

short- and long-term borrowing. This rating will facilitate future international borrowing.

**Personnel and Payroll Expenses**

The average number of employees in the SAS Group during the year was 34,463 (31,775), of whom 20,479 were employed in SAS Airline, 3,446 in SAS International Hotels, 7,344 in SAS Service Partner, and 2,341 in Vingresor.

The Group's total payroll, including payroll-related costs, was 9,886 MSEK. This can be compared with 6,771 MSEK for the 1985/86 fiscal year. Corresponding costs for the Consortium amounted to 7,273 MSEK (5,016).

**The SAS Consortium**

The SAS Consortium comprises the Group management, SAS Finance, SAS Airline and Group-wide projects.

The Consortium's revenue amounted to 22,020 MSEK. Income before allocations and taxes totaled 1,376 MSEK of which 1,331 MSEK (1,197) was attributable to the twelve-month interim period. Net financial items, totaling 193 MSEK, include dividends from subsidiaries in the amount of 37 MSEK.

**Allocation of Income and Equity**

Allocations are made by SAS's parent companies: DDL in Denmark, DNL in Norway, and ABA in Sweden, all of which also pay taxes in their respective countries on their share of SAS's income.

The Board of Directors and the President propose to the SAS Assembly of Representatives that of the Consortium's surplus for the fiscal year, 490 MSEK be paid to the parent companies (350 MSEK was transferred in 1985/86) and that the remaining amount, 886 MSEK (847), be transferred to the Consortium's capital account, which will thereafter total 5,162 MSEK (3,123).

**Forecast 1988**

In 1988, production efforts at SAS Airline will be significantly boosted along with measures already taken to improve cost-effectiveness. Income after depreciation and financial items is expected to remain level with 1986/87.

*The income and financial position of the SAS Group and the SAS Consortium for the 1986/87 fiscal year are shown in the following financial statements and notes, as integral parts of this report.*

Copenhagen, Stockholm and Oslo, March 21, 1988

HALDOR TOPSØE

CURT NICOLIN

TOR MOURSUND

KAJ IKAST

KRISTER WICKMAN

BJØRN EIDEM

CLAUS LINDEGAARD

RALF FRICK

INGVAR LILLETUN

JAN CARLZON

President and Chief  
Executive Officer

## SAS GROUP CONSOLIDATED STATEMENT OF INCOME

MSEK	Oct. 1-Dec. 31 86/87 15 mths	Oct. 1-Sept. 30 86/87 <sup>1</sup> 12 mths	Oct. 1-Sept. 30 85/86 12 mths
Traffic revenue – Note 1	17 760	14 152	13 456
Other operating revenue – Note 2	12 164	9 718	8 129
<b>OPERATING REVENUE</b>	<b>29 924</b>	<b>23 870</b>	<b>21 585</b>
Operating expense	27 407	21 524	19 369
<b>OPERATING INCOME BEFORE DEPRECIATION</b>	<b>2 517</b>	<b>2 346</b>	<b>2 216</b>
Depreciation – Note 3	1 380	1 126	863
<b>OPERATING INCOME AFTER DEPRECIATION</b>	<b>1 137</b>	<b>1 220</b>	<b>1 353</b>
Gain on the sale of equipment, etc. – Note 4	394	313	34
Dividend income – Note 5	10	10	8
Interest income, net – Note 6	84	56	113
Other financial items – Note 7	73	64	7
<b>INCOME BEFORE EXTRAORDINARY INCOME AND EXPENSE</b>	<b>1 698</b>	<b>1 663</b>	<b>1 515</b>
Extraordinary income and expense	–	–	–
<b>INCOME BEFORE ALLOCATIONS AND TAXES</b>	<b>1 698</b>	<b>1 663</b>	<b>1 515</b>
Allocations in the subsidiaries, net – Note 8	–155	– <sup>2</sup>	–84
<b>INCOME BEFORE SUBSIDIARIES' TAXES</b>	<b>1 543</b>	<b>–</b>	<b>1 431</b>
Taxes payable by subsidiaries – Note 9	–100	–	–105
Minority interests	2	–	1
<b>INCOME BEFORE TAXES RELATING TO THE CONSORTIUM<sup>3</sup></b>	<b>1 445</b>	<b>–</b>	<b>1 327</b>

<sup>1</sup> Not audited by SAS auditors.

<sup>2</sup> Allocations and taxes not applicable to 12-month interim figures.

<sup>3</sup> Taxes payable by its parent companies in Denmark, Norway and Sweden.

## SAS GROUP CONSOLIDATED BALANCE SHEET

MSEK ASSETS	Dec. 31 1987	Sept. 30 1986	MSEK LIABILITIES AND EQUITY	Dec. 31 1987	Sept. 30 1986
<b>CURRENT ASSETS</b>			<b>CURRENT LIABILITIES</b>		
Liquid funds – Note 10	5 107	3 582	Accounts payable	1 003	1 055
Accounts receivable – Note 11	2 396	2 614	Taxes payable – Note 9	85	100
Prepaid expense and accrued income	693	582	Accrued expense and prepaid income	2 267	2 028
Other accounts receivable	1 005	823	Unearned transportation revenue, net – Note 19	1 180	1 364
Expendable spare parts and inventory – Note 12	517	433	Current portion of long-term debt	265	548
Prepayments to suppliers	81	78	Other current liabilities – Note 20	1 673	1 323
<b>Total current assets</b>	<b>9 799</b>	<b>8 112</b>	Prepayments from customers	379	311
<b>NON-CURRENT ASSETS</b>			<b>Total current liabilities</b>	<b>6 852</b>	<b>6 729</b>
Restricted accounts – Note 13	36	34	<b>LONG-TERM DEBT</b>		
Stocks and participations	155	137	Bond loans – Note 21	3 242	2 751
Bonds and other securities	50	50	Other loans – Note 22	1 328	1 495
Other long-term accounts receivable	266	199	Other long-term debt	263	160
Goodwill and capitalized development costs – Note 15	104	95	Provision for pension liabilities – Note 23	65	57
Long-term prepayments to suppliers – Note 17	455	450	<b>Total long-term debt</b>	<b>4 898</b>	<b>4 463</b>
Fixed assets – Note 18			<b>SUBORDINATED DEBENTURE LOAN – Note 24</b>		
Construction in progress	723	238		<b>904</b>	<b>843</b>
Aircraft	4 731	4 711	<b>MINORITY INTEREST</b>		
Spare engines and spare parts	394	476		<b>15</b>	<b>16</b>
Maintenance and aircraft servicing equipment	148	117	<b>RESERVES – Note 8</b>		
Other equipment and vehicles	1 381	1 165		<b>872</b>	<b>1 059</b>
Buildings and improvements	1 118	943	<b>EQUITY – Note 25</b>		
Land and improvements	220	154	Capital	4 276	2 276
<b>Total non-current assets</b>	<b>9 781</b>	<b>8 769</b>	Legal reserve	99	64
<b>TOTAL ASSETS</b>	<b>19 580</b>	<b>16 881</b>	Revaluation reserve	17	20
<b>ASSETS PLEDGED, ETC. – Note 26</b>	<b>567</b>	<b>734</b>	Retained earnings	202	84
			Net income for the period	1 445	1 327
			<b>Total equity</b>	<b>6 039</b>	<b>3 771</b>
			<b>TOTAL LIABILITIES AND EQUITY</b>	<b>19 580</b>	<b>16 881</b>
			<b>CONTINGENT LIABILITIES – Note 27</b>	<b>410</b>	<b>296</b>

## SAS CONSORTIUM STATEMENT OF INCOME

MSEK	Oct. 1-Dec. 31 86/87 15 mths	Oct. 1-Sept. 30 86/87 <sup>1</sup> 12 mths	Oct. 1-Sept. 30 85/86 12 mths
Traffic revenue – Note 1	17 592	14 032	13 456
Other operating revenue – Note 2	4 428	3 539	3 039
<b>OPERATING REVENUE</b>	<b>22 020</b>	17 571	16 495
Operating expense	20 118	15 818	14 723
<b>OPERATING INCOME BEFORE DEPRECIATION</b>	<b>1 902</b>	1 753	1 772
Depreciation – Note 3	1 060	874	690
<b>OPERATING INCOME AFTER DEPRECIATION</b>	<b>842</b>	879	1 082
Gain on the sale of equipment, etc. – Note 4	341	286	–10
Dividend income – Note 5	47	47	30
Interest income, net – Note 6	78	59	115
Other financial items – Note 7	68	60	–20
<b>INCOME BEFORE EXTRAORDINARY INCOME AND EXPENSE</b>	<b>1 376</b>	1 331	1 197
Extraordinary income and expense	–	–	–
<b>INCOME BEFORE ALLOCATIONS AND TAXES<sup>2</sup></b>	<b>1 376</b>	1 331	1 197

<sup>1</sup> Not audited by SAS auditors.

<sup>2</sup> Allocations are made and taxes payable by the parent companies.

## SAS CONSORTIUM BALANCE SHEET

MSEK ASSETS	Dec. 31 1987	Sept. 30 1986	MSEK LIABILITIES AND EQUITY	Dec. 31 1987	Sept. 30 1986
<b>CURRENT ASSETS</b>			<b>CURRENT LIABILITIES</b>		
Liquid funds – Note 10	3965	2551	Accounts payable, subsidiaries	186	84
Due from subsidiaries	177	91	Accounts payable, suppliers	597	673
Accounts receivable – Note 11	1396	1786	Accrued expense and prepaid income	1814	1669
Prepaid expense and accrued income	603	481	Unearned transportation revenue, net – Note 19	1180	1364
Other accounts receivable	740	672	Current portion of long-term debt	55	362
Expendable spare parts and inventory – Note 12	341	286	Other current liabilities – Note 20	802	631
Prepayments to suppliers	16	12	Prepayments from customers	7	13
<b>Total current assets</b>	<b>7238</b>	5879	<b>Total current liabilities</b>	<b>4641</b>	4796
<b>NON-CURRENT ASSETS</b>			<b>LONG-TERM DEBT</b>		
Stocks and participations in subsidiaries – Note 14	326	333	Bond loans – Note 21	3242	2751
Other stocks and participations – Note 14	127	114	Other loans – Note 22	696	849
Bonds and other securities	8	9	Other long-term debt	112	103
Long-term accounts receivable, subsidiaries – Note 16	325	190	<b>Total long-term debt</b>	<b>4050</b>	3703
Other long-term accounts receivable	177	142	<b>SUBORDINATED DEBENTURE LOAN – Note 24</b>	<b>904</b>	843
Long-term prepayments to suppliers – Note 17	455	450	<b>RESERVES – Note 8</b>	<b>365</b>	696
Fixed assets – Note 18			<b>EQUITY – Note 25</b>		
Construction in progress	615	150	Capital		
Aircraft	4731	4711	DDL	1222	650
Spare engines and spare parts	394	476	DNL	1222	650
Maintenance and aircraft servicing equipment	148	117	ABA	1832	976
Other equipment and vehicles	719	626	<b>Total capital</b>	<b>4276</b>	2276
Buildings and improvements	292	263	Net income for the period	1376	1197
Land and improvements	57	51	<b>Total equity</b>	<b>5652</b>	3473
<b>Total non-current assets</b>	<b>8374</b>	7632	<b>TOTAL LIABILITIES AND EQUITY</b>	<b>15612</b>	13511
<b>TOTAL ASSETS</b>	<b>15612</b>	13511	<b>CONTINGENT LIABILITIES – Note 27</b>	<b>535</b>	509
<b>ASSETS PLEDGED, ETC. – Note 26</b>	<b>29</b>	26			

## STATEMENTS OF CHANGES IN FINANCIAL POSITION

MSEK	SAS Group		SAS Consortium	
	Oct. 1-Dec. 31 86/87 15 mths	Oct. 1-Sept. 30 85/86 12 mths	Oct. 1-Dec. 31 86/87 15 mths	Oct. 1-Sept. 30 85/86 12 mths
<b>THE YEAR'S OPERATIONS</b>				
Income before allocations and taxes	1698	1515	1376	1197
Depreciation	1380	863	1060	690
Gain on the sale of equipment, etc.	-394	-30	-341	-
Other - net	-33	-143	67	19
Subtotal	2651	2205	2162	1906
Payments made to the parent companies	-350	-280	-350	-280
Funds provided by the year's operations	2301	1925	1812	1626
Increase in				
inventories (-)	-54	-20	-25	15
current receivables (-)	-95	-569	110	-403
current liabilities (+)	407	289	152	93
Change in working capital	258	-300	237	-295
Net financing from the year's operations	2559	1625	2049	1331
<b>INVESTMENTS</b>				
Aircraft	-1539	-2731	-1539	-2731
Spare parts	-155	-230	-155	-230
Buildings, improvements and other equipment	-1770	-1149	-1068	-655
Stocks and participations	-29	-18	-32	-117
Total investments	-3493	-4128	-2794	-3733
Change in advance payments for flight equipment, increase (-), decrease (+)	-5	365	-5	365
Sale of equipment, etc.	1070	45	1013	-
Net investments	-2428	-3718	-1786	-3368
Financing surplus/deficit	131	-2093	263	-2037
<b>EXTERNAL FINANCING</b>				
Long-term receivables, net	-107	-9	-170	-75
Repayment of long-term debt	-1594	-867	-1273	-787
Borrowings	2040	2869	1544	2611
Capital infusion from parent companies	1050	-	1050	-
Change in minority interest	5	6	-	-
External financing, net	1394	1999	1151	1749
<b>INCREASE IN LIQUID FUNDS</b>				
(Cash, bank balances and short-term investments)	1525	-94	1414	-288
Liquid funds at beginning of the year	3582	3676	2551	2839
Liquid funds at year-end	5107	3582	3965	2551

## NOTES TO THE FINANCIAL STATEMENTS

### SIGNIFICANT VALUATION AND ACCOUNTING PRINCIPLES

#### Principles of consolidation

SAS's parent companies decided to change the Group's fiscal period to conform to the calendar year. As a result, the 1986/87 fiscal year of the SAS Consortium and the SAS Group, which normally would have ended on September 30, 1987, was extended to December 31, 1987, thus covering a period of 15 months. Consequently, the fiscal periods 1986/87 and 1985/86 cannot be accurately compared. To enable meaningful comparisons with 1985/86 and previous years, the Annual Report has been supplemented with the Consolidated Statement of Income and figures from the SAS Group's interim report for the twelve-month period October 1, 1986 to September 30, 1987. The interim report has not been audited by SAS auditors.

Unless stated otherwise, diagrams showing trends are based on figures for the twelve-month period.

The financial statements of the SAS Group are stated in millions of Swedish kronor (MSEK) unless otherwise indicated.

The consolidated financial statements of the SAS Group include the SAS Consortium, its wholly owned subsidiaries and those partly owned companies in which the Consortium has a controlling interest. Those wholly owned subsidiaries that are closely connected with the business of the Consortium are directly included in the accounts of the Consortium. For further information see Note 14, the specification of stocks and participations as of December 31, 1987.

The accounts of Scanair, another consortium owned by the parent companies of the SAS Consortium, are not included in the consolidated accounts of the SAS Group.

Equity accounting is not applied in the financial statements of the SAS Group, but shares in income and capital in SAS affiliated companies (where the ownership is between 20 and 50 percent) are reported separately in the Annual Report.

Companies acquired during the financial year are included in the Consolidated Statement of Income for the period during which they belonged to the SAS Group.

The consolidated financial statements are prepared in accordance with the purchase method of accounting, which means that taxed equity in the subsidiaries is included in the Group's equity only to the extent that it was earned after the date of acquisition. The equity in a subsidiary at the time of acquisition, including 50 percent of acquired untaxed reserves, is eliminated against the acquisition value of the corresponding stocks in the accounts of the Consortium.

The financial statements of subsidiaries in currencies other than Swedish kronor are, for the purposes of consolidation, translated into Swedish kronor using the current-rate method. Assets and liabilities are thus translated to Swedish kronor at year-end rates of exchange, while income for the year is translated at the average annual rate of exchange. SAS's share of such translation differences is transferred directly to the equity of the SAS Group. Translation differences relating to minority interest in subsidiaries are entered under the heading "Minority interest" in the Consolidated Balance Sheet.

#### Monetary assets and liabilities in currencies other than Swedish kronor

Monetary assets and liabilities in currencies other than Swedish kronor are translated at year-end market rates of exchange. When the rate of exchange on the payment date is secured by a forward contract, translation is carried out at the rate of exchange of the forward contract currency.

In cases where a loan has been the object of a currency-rate swap (where, in principle, interest expenses and repayments are paid in a currency other than the original one — a swap currency), the loan is stated after translation to the swap currency's year-end rate of exchange.

Effective 1986/87, unrealized exchange gains on long-term debt are offset against unrealized exchange losses on long-term debt. Excess losses are charged to income, while excess gains are credited to a foreign exchange account among reserves in the Balance Sheet.

Unrealized exchange gains on long-term receivables are reported as income to the extent in which they are offset by exchange losses on long-term loans arranged in the same currency. Other unrealized exchange gains on long-term receivables are credited to a foreign exchange account. Unrealized exchange losses are charged to income.

Unrealized currency gains that offset earlier unrealized currency losses are reported as income under exchange rate differences.

Prepayments in flight equipment are accounted for at the rate of exchange on the date of payment.

Unrealized exchange gains and losses on translations to Swedish kronor of foreign, short-term monetary assets and liabilities are credited/charged in full to income and reported as foreign exchange rate differences.

Exchange rates to SEK for some of SAS's principal currencies are:

Currency	Year-end rate		Average rate	
	Dec. 31 1987	Sept. 30 1986	1986/87 15 mths	1985/86 12 mths
Denmark DKK 100	94.95	90.50	92.54	85.70
Norway NOK 100	93.20	94.05	93.75	98.94
USA USD	5.83	6.91	6.49	7.40
Great Britain GBP	10.86	9.98	10.21	10.83
Switzerland CHF 100	452.07	421.40	423.29	383.00
West Germany DEM 100	366.10	341.10	350.61	316.23
Japan JPY 100	4.74	4.49	4.36	4.04
European Currency Unit ECU	7.55	7.14	7.28	6.85

#### Expendable spare parts and inventory

Expendable spare parts and inventory are stated at the lower of cost or market value. An appropriate deduction for obsolescence has been made.

Expendable spare parts included under this heading comprise two-thirds of the total stock of such parts. The remaining one-third is reported and accounted for as fixed assets.

**Fixed assets and depreciation**

Fixed assets are stated in the Balance Sheet at cost less accumulated depreciation.

Flight equipment and other fixed assets are depreciated according to plan based on their estimated economic lives.

New flight equipment (aircraft and engines, including spare parts) is depreciated as follows:

Type of aircraft	Depreciation period	Residual value
Douglas DC-10	12 years	10%
Douglas DC-8	10 years	10%
Douglas DC-9-80	14 years	10%
Douglas DC-9	10 years	10%

Major modifications and improvements in fixed assets are capitalized and are depreciated over their estimated economic lives.

Maintenance and aircraft servicing equipment and other equipment and vehicles are depreciated over five years. The annual depreciation of buildings varies between 2 and 20 percent. Goodwill and development costs are amortized over 5 to 10 years.

Improvements to the Group's own and rented premises are, in principle, depreciated over their estimated useful lives.

**Traffic revenue**

Ticket sales are reported as traffic revenue only upon completion of the air travel in question.

The value of tickets sold but not yet used is reported as unearned transportation revenue among current liabilities. This item is reduced either when SAS or another airline completes the transportation or after the ticketholder has requested a refund.

A reserve against the unearned transportation revenue liability, based on statistical estimates, is assessed annually. This reserve corresponds to that portion of tickets sold that is estimated to remain unused.

In principle, the estimated reserve against the unearned transportation revenue liability at year-end is reported as revenue the following year.

**Maintenance costs**

Routine aircraft maintenance and repairs are charged to income as incurred.

Due to the structure of SAS's fleet, with a predominance of DC-9s, maintenance costs are spread relatively evenly over time. Thus, no provisions are made for future maintenance costs with respect to owned aircraft and other assets.

**Extraordinary income and expense**

Effective 1986/87, only items which have no clear connection with the Company's normal operations will be reported as extraordinary items. In addition, the nature of the items shall be such that they are not expected to occur frequently or regularly, or amount to substantial sums.

Gain on the sale of equipment, etc., is shown in the Statement of Income between income after depreciation and financial income and expense. Such items have a direct connection to the company's normal operations and often contribute to various financing operations. The extent of these items and their effect on income can vary considerably from year to year and is thereby reported separately, to allow an accurate assessment to be made of operating income.

**Reclassifications**

Certain items in the Statement of Income and the Balance Sheet were reclassified effective 1986/87. For the sake of comparison, the 1985/86 figures have been changed correspondingly.

**International Accounting Standards, IAS**

Effective 1988, international accounting practice, in conformance with the recommendations of the International Accounting Standards Committee, will be applied when preparing the SAS Group's financial reports.

**Definitions of financial terms and ratios used in the Annual Report**

*Gross profit margin.* Operating income before depreciation as a ratio of operating revenue.

*Gross profit margin GOP.* Operating income before depreciation and real estate costs (rental, insurance, tax) as a ratio of operating revenue. (Used by SAS International Hotels).

*Net profit margin.* Income before extraordinary items, but excluding gain on the sale of equipment, etc., as a ratio of operating revenue.

*Pre-tax return on capital employed.* Operating income after depreciation plus financial income as a ratio of average capital employed. Capital employed equals total assets less noninterest-bearing liabilities.

*Ratio of risk-bearing capital.* Equity plus untaxed reserves and minority interest as a ratio of total assets.

*Net financing from operations.* Funds provided internally including change in working capital.

**Note 1 – Traffic revenue**

	86/87 15 mths	86/87 12 mths	85/86 12 mths
SAS Consortium			
Traffic revenue:			
Passenger	15 113	12 080	11 430
Freight	1 607	1 280	1 501
Mail	315	241	291
Other	557	503	234
<b>Total</b>	<b>17 592</b>	<b>14 032</b>	<b>13 456</b>

The SAS Group's traffic revenue also includes freight revenue from Air de Cologne in the amount of 168 MSEK.

Traffic revenue in 1986/87 includes a reversal of unnecessary reserve funds, totaling 201 MSEK, from the reserve under the unearned transportation revenue liability (see note 19).

**Note 2 – Other operating revenue**

Other operating revenue of the SAS Group includes 4,428 MSEK in the Consortium from inflight and airport sales, and leasing of excess capacity, among other things. Other operating revenue also includes 9,303 MSEK in subsidiaries. After group eliminations (1,567), other operating revenue totaled 12,164 MSEK.

**Note 3 – Depreciation**

	86/87 15 mths	86/87 12 mths	85/86 12 mths
SAS Group			
Goodwill and development costs	18	13	6
Aircraft	573	513	385
Spare engines and spare parts	160	106	81
Maintenance and aircraft servicing equipment	48	36	28
Other equipment and vehicles	480	379	287
Buildings and improvements	101	79	76
<b>Total</b>	<b>1 380</b>	<b>1 126</b>	<b>863</b>
SAS Consortium			
Aircraft	573	513	385
Spare engines and spare parts	160	106	81
Maintenance and aircraft servicing equipment	48	36	28
Other equipment and vehicles	255	198	162
Buildings and improvements	24	21	34
<b>Total</b>	<b>1 060</b>	<b>874</b>	<b>690</b>

Based on a re-estimation of the economic lives of aircraft, the depreciation plan for two secondhand DC-10s purchased in 1986/87 was extended from 5 to 10 years. This reduced depreciation by 57 MSEK compared to the original plan. The aircraft will be sold in 1988 at prices in excess of their book value.

**Note 4 – Gain on the sale of equipment, etc.**

	86/87 15 mths	86/87 12 mths	85/86 12 mths
SAS Group			
Flight equipment	351	270	–
Hotel property	21	21	–
Buildings	–	–	29
Stocks	13	13	–
Other items	9	9	5
<b>Total</b>	<b>394</b>	<b>313</b>	<b>34</b>

	86/87 15 mths	86/87 12 mths	85/86 12 mths
SAS Consortium			
Flight equipment	351	270	–
Stocks	–7	13	–
Other items	–3	3	–10
<b>Total</b>	<b>341</b>	<b>286</b>	<b>–10</b>

Gain on the sale of equipment includes 12 MSEK from the sale of six DC-8s to the sister consortium Scanair. Capital gain on this sale has been eliminated in SAS's and Scanair's common parent companies. This item also includes a gain of 13 MSEK from the sale of stock in TMG in Sweden.

Figures for the Consortium include the intra-group sale of the stock in Olson & Wright. Other items include 4 MSEK for the writedown of stock in TMG Norway, plus a shareholder's contribution of 2 MSEK to Air de Cologne.

**Note 5 – Dividends**

	86/87 15 mths	86/87 12 mths	85/86 12 mths
SAS Consortium			
Dividends from:			
SAS Service Partner A/S	13	13	8
SAS International Hotels A/S	14	14	5
Vingresor AB	10	10	7
InterSAS BV	–	–	2
Dividends from subsidiaries	37	37	22
Dividends from Linjeflyg AB	7	7	5
Dividends from others	3	3	3
<b>Total</b>	<b>47</b>	<b>47</b>	<b>30</b>

Dividends from subsidiaries, approved by their respective annual meetings, represent distributions for the income of the fiscal years 1985/86 and 1984/85, respectively. Dividends are thus not anticipated in the Statement of Income.

**Note 6 – Interest, net**

SAS Group	<b>86/87</b>	86/87	85/86
	<b>15 mths</b>	12 mths	12 mths
Interest income	<b>882</b>	656	665
Interest expense	<b>-798</b>	-600	-552
Total	<b>84</b>	56	113

SAS Consortium	<b>86/87</b>	86/87	85/86
	<b>15 mths</b>	12 mths	12 mths
Interest from subsidiaries	<b>21</b>	17	10
Other interest income	<b>619</b>	483	531
Total interest income	<b>640</b>	500	541
Interest to subsidiaries	<b>-5</b>	-1	-
Other interest expense	<b>-557</b>	-440	-426
Total interest expense	<b>-562</b>	-441	-426
Total	<b>78</b>	59	115

Capital gains on disposals of bonds are reported as interest income and, for 1986/87 (15 months), amounted to 52 MSEK. The corresponding figure for 1986/87 (12 months) was 44 MSEK, compared with 90 MSEK in 1985/86. Cash received, totaling 61 MSEK, in connection with interest-rate swaps, were also reported as interest income in 1985/86. No corresponding payments were received in 1986/87.

**Note 7 – Other financial items**

SAS Group	<b>86/87</b>	86/87	85/86
	<b>15 mths</b>	12 mths	12 mths
Exchange rate gains on long-term debt	<b>116</b>	101	2
Other exchange differences	<b>-20</b>	-20	65
Exchange rate differences, net	<b>96</b>	81	67
Issue expenses on loans	<b>-10</b>	-10	-54
Other	<b>-13</b>	-7	-6
Subtotal	<b>-23</b>	-17	-60
Total	<b>73</b>	64	7

SAS Consortium	<b>86/87</b>	86/87	85/86
	<b>15 mths</b>	12 mths	12 mths
Exchange rate gains/losses on long-term debt	<b>109</b>	96	-26
Other exchange differences	<b>-20</b>	-20	65
Exchange rate differences, net	<b>89</b>	76	39
Issue expenses on loans	<b>-10</b>	-10	-54
Other	<b>-11</b>	-6	-5
Subtotal	<b>-21</b>	-16	-59
Total	<b>68</b>	60	-20

For 1986/87 (15 months), unrealized exchange rate gains on long-term debt in the Consortium amounting to 126 MSEK were offset against unrealized exchange rate losses on long-term debt. The amount similarly offset in 1986/87 (12 months) was 6 MSEK and in 1985/86, 142 MSEK. On December 31, 1987 the foreign exchange reserve in the Consortium totaled 365 MSEK (see Note 8).

**Note 8 – Reserves**

SAS Group	Inventory reserve	Depreciation reserve, flight equipment	Foreign exchange reserve	Accumulated supplementary depreciation	Investment reserve	Other reserves	Total
Untaxed reserves, 30/9 -85	41	498	79	136	47	96	897
Allocations 85/86	4			18	24	34	80 <sup>5</sup>
Other changes 85/86	-33	-25	149	3	-7	-5	82
Untaxed reserves, 30/9 -86	12	473	228	157	64	125	1059
Allocations 86/87	0			72	-6	82	148 <sup>3</sup>
Other changes 86/87	0	-473 <sup>1</sup>	136 <sup>2</sup>	-6		8	-335
<b>Untaxed reserves, 12/31/87</b>	<b>12</b>	<b>—</b>	<b>364</b>	<b>223</b>	<b>58</b>	<b>215</b>	<b>872</b>
<b>SAS Consortium</b>							
Untaxed reserves, 30/9 -85	33	498	78				609
Allocations 85/86		33	180				213
Reversals 85/86	-33	-58	-35				-126
Untaxed reserves, 30/9 -86		473	223				696
Allocations 86/87		8	328				336
Reversals 86/87 <sup>1</sup>		-481 <sup>1</sup>	-186 <sup>2</sup>				-667
<b>Untaxed reserves, 12/31/87</b>		<b>—</b>	<b>365</b>				<b>365</b>

<sup>1</sup> Includes allocation of 103 MSEK on Sept. 30, 1986, for Airbus A300 aircraft. In connection with the sale of these aircraft in 1986/87, this reserve was dissolved and transferred directly to the Consortium's capital account (note 25). Sale of other aircraft have reduced the depreciation reserve by 137 MSEK, net. The remainder of this reserve has been transferred to accumulated depreciation of aircraft and spare parts (note 28).

<sup>2</sup> Of which 126 MSEK was offset against unrealized exchange rate gains on long-term debt.

<sup>3</sup> Allocations include transfer of 7 MSEK (4) to pension premium reserve in 1986/87, reported among Other Current Liabilities.

**Note 9 – Subsidiaries' taxes**

The Statement of Income and Balance Sheet of the SAS Group includes only taxes payable by subsidiaries, since the tax liability in Denmark, Norway and Sweden relating to the activities of the Consortium lies with its parent companies.

Taxes payable by the Consortium abroad are included in operating expense in the amount of 4 MSEK (6).

**Note 10 – Liquid funds**

	SAS Group		SAS Consortium	
	Dec. 31 1987	Sept. 30 1986	Dec. 31 1987	Sept. 30 1986
Cash and bank accounts	522	434	125	131
Short-term investments	4585	3148	3840	2420
<b>Total</b>	<b>5107</b>	<b>3582</b>	<b>3965</b>	<b>2551</b>

The liquid funds are in many different currencies and are stated after deductions for currency risks.

The balance of the liquid funds of the Consortium includes 49 MSEK (31) in a restricted tax deduction account in Norway.

On December 31, 1987 short-term investments consisted primarily of government securities and housing bonds. Short-term investments are reported at the lower of cost or market value.

Open interest arbitrage transactions are reported net and amounted to 285 MSEK on December 31, 1987. No corresponding transactions existed on September 30, 1986.

**Note 11 – Accounts receivable**

Accounts receivable are stated after provisions for uncertain receivables and currency risks.

**Note 12 – Expendable spare parts and inventory**

	SAS Group		SAS Consortium	
	Dec. 31 1987	Sept. 30 1986	Dec. 31 1987	Sept. 30 1986
Expendable spare parts, flight equipment	274	224	274	224
Expendable spare parts, other	46	47	46	47
Inventory	197	162	21	15
<b>Total</b>	<b>517</b>	<b>433</b>	<b>341</b>	<b>286</b>

**Note 13 – Restricted accounts**

	Dec. 31 1987	Sept. 30 1986
SAS Group		
Development reserve	6	7
Special investment reserve	0	3
Investment reserve	29	23
Regional development reserve	1	1
<b>Total</b>	<b>36</b>	<b>34</b>

**Note 14 – Stocks and participations**

	Number of shares	Percent holding	Par value in 000s	Book value MSEK
<b>SAS Consortium</b>				
<i>Subsidiaries directly included in the accounts of the Consortium</i>				
SAS Cargo Center A/S, Copenhagen	48	100	DKK 300	0.2
Scandinavian Airlines System of North America Inc., New York	1 750	100	USD 175	0.9
SAS France S.A., Paris	5 000	100	FRF 500	0.5
Other companies				0.0
<b>Total</b>				<b>1.6</b>
<i>Subsidiaries</i>				
SAS International Hotels A/S, Oslo	50 000	100	NOK 50 000	84.5
SAS Service Partner A/S, Copenhagen	90 000	100	DKK 90 000	70.5
Vingresor AB, Stockholm	700 000	100	SEK 70 000	70.0
Diners Club Nordic A/S, Oslo	25 100	100	NOK 25 100	70.0
Scandinavian Multi Access Systems AB, Stockholm	150 000	75	SEK 15 000	15.0
MediaSäljarna AB, Stockholm	4 000	100	SEK 400	9.8
SAS Capital BV, Haag	36	100	NLG 36	0.2
Travel Management Group, Norway A/S, Oslo	50 000	100	NOK 5 000	1.1
Travel Management Group, Denmark A/S, Copenhagen	50 000	100	DKK 5 000	0.0
Danair A/S, Copenhagen	1 710	57	DKK 1 710	1.2
Air de Cologne, AdeC AB, Stockholm	30 000	100	SEK 3 000	0.0
SAS Oil Denmark A/S, Copenhagen	300	100	DKK 300	0.3
SAS Oil Sweden AB	2 000	100	SEK 200	0.2
SAS Business Consultants AB, Stockholm	500	100	SEK 50	0.1
InterSAS BV, Amsterdam	104	100	NLG 104	0.2
Business Travel Systems AB, Stockholm	500	100	SEK 50	0.1
SAS Tours AB, Stockholm	10 000	100	SEK 1 000	1.0
Other				1.8
<b>Total stocks and participations in subsidiaries</b>				<b>326.0</b>
<i>Affiliated companies</i>				
Linjeflyg AB, Stockholm	500 000	50	SEK 50 000	53.0
Polygon Insurance Co. Ltd., Guernsey	3 329 036	33	GBP 3 329	19.0
Scandinavian Info Link AB, Stockholm	100 000	33	SEK 1 000	10.0
Travel Management Group, Sweden AB, Stockholm	45 000	30	SEK 4 500	4.5
Arctic Hotel Corp. A/S, Narssarsuaq	4 000	29	DKK 4 000	3.1
Københavns Lufthavns Forretningscenter K/S, Copenhagen		40	DKK 4 000	3.2
Bennett Reisebureau A/S, Oslo	20 880	31	NOK 2 088	1.1
Widerøe's Flyveselskap A/S, Oslo	26 622	22	NOK 2 662	1.1
Copenhagen Excursions A/S, Copenhagen	25	23	DKK 270	0.9
Greenlandair (Grønlandsfly A/S, Godthåb)	146	25	DKK 6 000	0.4
Scanator AB, Stockholm	500	50	SEK 50	0.1
Malmö Flygfraktterminal AB, Malmö	1 455	40	SEK 146	0.0
<b>Total affiliated companies</b>				<b>96.4</b>
Helikopter Service A/S, Oslo	130 500	9	NOK 13 050	26.2
Sanitas Investment AB, Stockholm	800	5	SEK 80	0.4
Dar-es-Salaam Airport Handling Co Ltd, Dar-es-Salaam	27 000	15	TAS 2 700	1.4
Airline Tariff Publishing Company, Washington D.C.	17 737	4	USD 17	0.4
Other				2.0
<b>Total other companies</b>				<b>30.4</b>
<b>Total other stocks and participations</b>				<b>126.8</b>

The book value of stock in SAS International Hotels on Dec. 31, 1987 was written up by 35.5 MSEK. Write-downs of the book value of stock were made in the following companies: Travel Management Group, Denmark A/S, 4.3 MSEK; Diners Club Nordic A/S, 28.2 MSEK; and Air de Cologne, 3.0 MSEK.

**Note 15 – Goodwill and development costs**

Goodwill arising on consolidation mainly relates to Diners Club Nordic A/S 72 (82). Development costs pertain chiefly to SAS International Hotels 10 MSEK (2), and Vingresor 10 MSEK (4).

**Note 16 – Long-term accounts receivable, subsidiaries**

	Dec. 31	Sept. 30
SAS Consortium	1987	1986
SMART AB	132	126
SAS International Hotels A/S	105	57
SAS Capital BV	61	–
SAS Oil Denmark A/S	19	–
Other	8	7
<b>Total</b>	<b>325</b>	<b>190</b>

This includes 54 MSEK receivable from SAS International Hotels A/S, which is reported as loan capital in the accounts of the subsidiary.

**Note 17 – Long-term advance payments to suppliers**

SAS Consortium	Dec. 31	Sept. 30
	1987	1986
DC-9-80	420	250
DC-9-51	35	83
DC-8-63	–	29
Engines	–	88
<b>Total</b>	<b>455</b>	<b>450</b>

**Note 18 – Fixed assets**

	Cost		Accumulated depreciation		Book value	
	Dec. 31	Sept. 30	Dec. 31	Sept. 30	Dec. 31	Sept. 30
SAS Group	1987	1986	1987	1986	1987	1986
Construction in progress	724	238	1	–	723	238
Aircraft	7326	7130	2595	2419	4731	4711
Spare engines and spare parts	1075	1056	681	580	394	476
Maintenance and aircraft servicing equipment	416	348	268	231	148	117
Other equipment and vehicles	2874	2273	1493	1108	1381	1165
Buildings and improvements	1517	1506	399	563	1118	943
Land and land improvements	223	156	3	2	220	154
<b>Total</b>	<b>14155</b>	<b>12707</b>	<b>5440</b>	<b>4903</b>	<b>8715</b>	<b>7804</b>

**SAS Consortium**

Construction in progress	615	150			615	150
Aircraft	7326	7130	2595	2419	4731	4711
Spare engines and spare parts	1075	1056	681	580	394	476
Maintenance and aircraft servicing equipment	416	348	268	231	148	117
Other equipment and vehicles	1618	1340	899	714	719	626
Buildings and improvements	377	562	85	299	292	263
Land and land improvements	57	51			57	51
<b>Total</b>	<b>11484</b>	<b>10637</b>	<b>4528</b>	<b>4243</b>	<b>6956</b>	<b>6394</b>

Changes in the book value of aircraft were as follows:

Cost,		
September 30, 1986	7130	
Acquisitions (gross)	1539	
Sales (gross)	-1343	7326
Accumulated depreciation,		
September 30, 1986	2419	
Depreciation 1986/87	573	
Reversal of depreciation upon sale of aircraft	-579	
Transfer from depreciation reserve	182	2595
Book value, December 31, 1987		4731

The insurance value of the aircraft was 10228 MSEK on December 31, 1987. This includes the insurance value of leased aircraft in the amount of 480 MSEK.

Of the year's aircraft acquisitions, three DC-9-80 aircraft were acquired formally through leasing agreements. Full payment was made in respect of all leasing charges and the residual value at the expiry of the leasing period. The aircraft are shown as fixed assets in the Balance Sheet, totaling 399 MSEK.

The heading "Other Equipment and Vehicles" includes the Consortium's data processing and communications equipment and flight simulators at a cost of 969 MSEK (820) and 218 MSEK (120).

The cost of construction in progress in the SAS Group increased by 486 MSEK. The major portion of the increase is attributable to the Consortium. This item includes SAS's new headquarters and miscellaneous new construction in Denmark and Norway. Of costs incurred relating mainly to furnishings in leased facilities, 163 MSEK (47) was charged against operating income.

Funds remaining in the depreciation reserve on December 31, 1987 have been transferred to accumulated depreciation of aircraft and spare parts.

Accumulated supplementary depreciation, including write-downs against investment reserves, etc., relates to the following assets of the SAS Group:

	Dec. 31 1987	Sept. 30 1986
SAS Group		
Machinery and equipment	76	87
Buildings and improvements	82	67
Land improvements	2	3
Depreciation of aircraft contracts	63	-
Total	223	157

Write-downs against investment reserves and regional development reserves during the year amounted to 5 MSEK (11), related to machinery and equipment. These write-downs increased the balance of accumulated supplementary depreciation.

#### Note 19 – Unearned transportation revenue, net

The reserve against the unearned transportation revenue liability at each year-end is dissolved and reported as revenue the following year. In the accounts for the period Oct. 1, 1986 – Dec. 31, 1987, the reversal totaling 123 MSEK has proved to be too conservative. Hence, it was possible to reduce this liability by 201 MSEK. This adjustment is included in the year's traffic revenue (note 1). In addition, 61 MSEK was reversed, offsetting costs from earlier periods.

#### Note 20 – Other current liabilities

These include 433 MSEK (208) in overdraft facilities utilized by the Group of which 55 MSEK (50) by the Consortium.

#### Note 21 – Bond loans

The aggregate of SAS Consortium bond loans was 3,242 MSEK (2,751).

Loans are in the following amounts and denominations:

	Dec. 31 1987	Sept. 30 1986
SAS Consortium		
USD U.S. dollar	1458	1037
ECU European Currency Unit	755	714
NOK Norwegian krona	419	423
CHF Swiss franc	297	276
AUD Australian dollar <sup>1</sup>	201	238
SEK Swedish krona	70	90
LUF Luxemburg franc	70	-
	3270	2778
Less repayments 1988 and 1986/87, respectively	-28	-27
Total	3242	2751

Specification of individual loans:	Interest rate	Tenor	Remaining debt in MSEK
Amount issued			
80 M Swiss francs	5.500%	77/92	297
150 M Swedish kronor	10.750%	79/94	70
200 M Norwegian kronor	11.625%	84/91	186
250 M Norwegian kronor	10.125%	85/93	233
100 M European Currency Units	9.000%	85/95	755
150 M U.S. dollars	10.125%	85/95	875
50 M Australian dollars <sup>1</sup>	14.250%	86/89	201
100 M U.S. dollars	6.750%	87/89	583
400 M Luxemburg francs	7.375%	87/94	70
Total			3270

<sup>1</sup> Through a currency swap transaction, SAS's repayment commitment has in principle been changed to USD.

**Note 22 – Other loans**

Other long-term loans of the SAS Group amount to 1,328 MSEK (1,495), of which the Consortium accounts for 696 MSEK (849). The loans are denominated in currencies as follows:

	SAS Group		SAS Consortium	
	Dec. 31 1987	Sept. 30 1986	Dec. 31 1987	Sept. 30 1986
USD U.S. dollar	36	1 087	—	957
NOK Norwegian krona	167	195	1	1
DKK Danish krone	160	163	12	14
SEK Swedish krona	104	141	67	91
JPY Japanese yen <sup>1</sup>	597	12	583	—
ESB Spanish peseta	166	84	—	—
DEM Deutsche mark	60	75	—	—
FRF French franc	—	70	—	70
NLG Dutch guilders	49	—	49	—
GRD Greek drachma	87	41	—	—
Other	45	38	1	3
<b>Total</b>	<b>1 471</b>	<b>1 906</b>	<b>713</b>	<b>1 136</b>
Less repayments 1988 and 1986/87, respectively	-143	-411	-17	-287
<b>Total</b>	<b>1 328</b>	<b>1 495</b>	<b>696</b>	<b>849</b>

<sup>1</sup> Through a currency swap transaction, SAS's repayment commitment has in principle been changed to USD.

**Note 25 – Equity**

	Capital	Legal reserve	Revaluation reserve	Retained earnings	Income for fiscal period	Total equity
<b>SAS Group</b>						
September 30, 1986	2 276	64	20	84	1 327	3 771
Income 85/86	1 197			130	-1 327	
Transfer to parent companies	-350					-350
Allocation to statutory reserves		35		-35		
Change in translation difference, net				19		19
Other	1 050					1 050
Reserve transferral <sup>1</sup>	103		-3	4		104
Income 86/87					1 445	1 445
<b>December 31, 1987</b>	<b>4 276</b>	<b>99</b>	<b>17</b>	<b>202</b>	<b>1 445</b>	<b>6 039</b>
<b>Consortium</b>						
September 30, 1986	2 276				1 197	3 473
Income 85/86	1 197				-1 197	
Transfer to parent companies	-350					-350
Other	1 050					1 050
Reserve transferral <sup>1</sup>	103					103
Income 86/87					1 376	1 376
<b>December 31, 1987</b>	<b>4 276</b>				<b>1 376</b>	<b>5 652</b>

<sup>1</sup> See note 8.

The loans for the Consortium fall due for repayment as follows:

1989	15
1990	11
1991	11
1992 and thereafter	659
<b>Total</b>	<b>696</b>

**Note 23 – Provision for pension liabilities**

	Dec. 31 1987	Sept. 30 1986
<b>SAS Group</b>		
PRI	62	54
Other	3	3
<b>Total</b>	<b>65</b>	<b>57</b>

The Pension Registration Institute (PRI) is a non-profit service organization that manages employee pension plans.

Other pension liabilities are either covered by periodic premium payments or are entered as contingent liabilities under the heading "Pension Commitments".

**Note 24 – Subordinated debenture loan**

A perpetual 200 million Swiss franc bond loan was floated during the 1985/86 fiscal year. Every fifth year, SAS has the exclusive right to terminate the loan.

The interest rate, fixed for periods of 10 years, at present amounts to 5¾ percent per annum.

**Note 26 – Assets pledged**

	SAS Group		SAS Consortium	
	Dec. 31 1987	Sept. 30 1986	Dec. 31 1987	Sept. 30 1986
Mortgages in real estate	<b>441</b>	636	<b>14</b>	16
Corporate mortgages	<b>43</b>	45	—	—
Receivables	<b>58</b>	36	<b>15</b>	10
Securities on deposit	<b>25</b>	17	<b>0</b>	0
<b>Total</b>	<b>567</b>	734	<b>29</b>	26

**Note 27 – Contingent liabilities**

	SAS Group		SAS Consortium	
	Dec. 31 1987	Sept. 30 1986	Dec. 31 1987	Sept. 30 1986
Travel guaranties	—	—	<b>295</b>	205
Guaranties for pension liabilities	—	—	<b>41</b>	35
Loan guaranties	—	—	<b>4</b>	92
Other contingent liabilities for subsidiaries	—	—	<b>5</b>	5
<b>Total contingent liabilities for subsidiaries</b>	—	—	<b>345</b>	337
Other contingent liabilities	<b>305</b>	206	<b>85</b>	82
Pension commitments	<b>105</b>	90	<b>105</b>	90
<b>Total</b>	<b>410</b>	296	<b>535</b>	509

In addition to these contingent liabilities, certain commitments which could reach 24 MSEK have been made in connection with the acquisition of aircraft, formally through leasing agreements (note 18).

Concerning the leasing of a Boeing 747B in October 1981, the Consortium has undertaken leasing commitments until 1989. The Consortium has also undertaken certain obligations in connection with ticket sales on pay-later plans.

A lawsuit demanding app. 60 MDKK in damages has been filed against SMART AB by GNDATA A/S, who claim that SMART reneged on a contract. SMART AB has contested the charges.

Loans which have become the objects of currency-rate swaps are stated at the swap currency's year-end rate of exchange. In the event that the counter-party to the swap agreement does not fulfill his undertaking, SAS currency exposure reverts to the original currency of the loan.

## AUDITORS' REPORT

We, the undersigned, appointed in accordance with Article 11 of the Consortium Agreement between AB Aerotransport (ABA), Det Danske Luftfartselskab A/S (DDL) and Det Norske Luftfartselskap A/S (DNL), as auditors of SCANDINAVIAN AIRLINES SYSTEM Denmark–Norway–Sweden, have examined the financial statements of the Group and the Consortium for the fiscal year October 1, 1986 to December 31, 1987.

Our audit was performed in accordance with generally accepted auditing standards. In our opinion, the financial statements present fairly the financial position of the Group and the Consortium at December 31, 1987, and the result of their operations for the year then ended based upon the accounting principles described in the section of the Annual Report entitled "Significant valuation and accounting principles."

Stockholm, April 6, 1988

ARNE BRENDSTRUP  
Authorized Public Accountant

BERNHARD LYNGSTAD  
Authorized Public Accountant

ROLAND NILSSON  
Authorized Public Accountant

OLE KOEFOED  
Authorized Public Accountant

JACOB BERGER  
Authorized Public Accountant

SÖREN WIKSTRÖM  
Authorized Public Accountant

## FINANCIAL SUMMARY

TRAFFIC/PRODUCTION	86/87 15 mths	86/87 12 mths	85/86 12 mths	84/85 12 mths	83/84 12 mths	82/83 12 mths
Number of cities served	85	84	89	88	91	93
Kilometers flown, scheduled (millions)	171.7	137.2	135.9	125.0	123.5	119.3
Total airborne hours (000)	274.5	218.8	217.5	199.7	192.7	182.1
Total number of passengers carried (000)	15 672	12 497	11 708	10 735	10 066	9 222
Available tonne kilometers, total (millions)	3 018.7	2 427.3	2 490.9	2 382.2	2 333.0	2 331.3
Available tonne kilometers, charter	20.9	16.6	12.2	18.2	18.4	19.8
Available tonne kilometers, scheduled	2 997.8	2 410.7	2 478.7	2 364.0	2 314.6	2 311.5
Revenue tonne kilometers, scheduled (millions)	1 969.3	1 571.7	1 560.9	1 502.1	1 473.6	1 431.2
Passengers and excess baggage	1 421.6	1 136.8	1 096.6	1 054.4	1 030.8	986.0
Freight	483.8	385.9	409.0	396.5	390.6	393.9
Mail	63.9	49.0	55.3	51.2	52.2	51.3
Total load factor, scheduled (%)	65.7	65.2	63.0	63.5	63.7	61.9
Available seat kilometers, scheduled (millions)	23 463	18 799	18 849	17 818	17 395	17 037
Revenue seat kilometers, scheduled (millions)	16 097	12 949	12 471	11 966	11 681	11 159
Cabin factor, scheduled (%)	68.6	68.9	66.2	67.2	67.2	65.5
Average passenger trip length (km)	1 030	1 039	1 067	1 119	1 168	1 219
Traffic revenue/revenue tonne km (SEK)	8.64	8.60	8.41	8.15	7.66	7.17
Airline oper., expense/avail. tonne km (SEK)	5.47	5.38	5.26	4.81	4.35	4.12
Revenue tonne km/employee, scheduled	— <sup>3</sup>	77 200	78 900	79 700	83 200	83 700
Rev. passenger km/employee, scheduled	— <sup>3</sup>	636 100	630 700	635 000	659 600	652 500

## GROUP, MSEK

## INCOME STATEMENTS

Revenue	29 924	23 870	21 585	19 790	18 005	15 972
Income before depreciation	2 517	2 346	2 216	1 550	1 599	1 289
Depreciation	1 380	1 126	863	574	545	483
Gain on the sale of equipment, etc.	394	313	34	— 17	580	5
Financial items, net	167	130	128	58	— 253	— 210
Income before extraordinary items	1 698	1 663	1 515	1 017	1 381	601
Extraordinary items	—	—	—	—	— 413	—
Income before allocations and taxes	1 698	1 663	1 515	1 017	968	601

## STATEMENTS OF CHANGES IN FINANCIAL POSITION

Net financing from the year's operations	2 559	1 923	1 625	1 398	1 493	1 244
Investments, total	— 3 493	— 2 660	— 4 128	— 1 761	— 1 213	— 559
Sale of equipment, etc.	1 065	784	410	— 696	907	48
Financing deficit/surplus	131	47	— 2 093	— 1 059	1 187	733
Owner's contribution	1 050	1 050	—	—	—	—
Net borrowings	344	399	1 999	724	299	— 346
Change in liquid funds	1 525	1 496	— 94	— 335	1 486	387

## BALANCE SHEETS

Liquid funds	5 107	5 078	3 582	3 676	4 013	2 597
Current assets, other	4 692	5 164	4 530	3 610	3 278	2 831
Non-current assets <sup>1</sup>	9 781	9 587	8 769	5 901	4 056	3 654
Current liabilities	6 852	6 747	6 729	6 257	6 105	4 552
Long-term debt <sup>2</sup>	5 817	5 923	5 322	3 310	2 346	2 313
Equity and reserves	6 911	7 159	4 830	3 620	2 896	2 217
Total assets	19 580	19 829	16 881	13 187	11 347	9 082

## RATIOS

Gross profit margin, %	— <sup>3</sup>	10	10	8	9	8
Net profit margin, %	— <sup>3</sup>	6	7	5	4	4
Return on capital employed, %	— <sup>3</sup>	16	22	21	27	24
Including sale of equipment, etc., %	— <sup>3</sup>	18	22	21	37	24
Ratio of risk-bearing capital, %	35	36	29	27	26	25

CONSORTIUM <sup>1</sup> , MSEK	86/87 15 mths	86/87 12 mths	85/86 12 mths	84/85 12 mths	83/84 12 mths	82/83 12 mths
<b>INCOME STATEMENTS</b>						
Traffic revenue	17 592	14 032	13 456	12 572	11 577	10 463
Other operating revenue	4 428	3 539	3 039	2 862	2 574	2 137
Revenue	22 020	17 571	16 495	15 434	14 151	12 600
Income before depreciation	1 902	1 753	1 772	1 216	1 356	1 015
Depreciation	1 060	874	690	447	438	399
Gain on the sale of equipment, etc.	341	286	– 10	2	605	3
Financial items, net	193	166	125	51	– 192	– 157
Income before extraordinary items	1 376	1 331	1 197	822	1 331	462
Extraordinary items	–	–	–	– 15	– 413	–
Income before allocations and taxes	1 376	1 331	1 197	807	918	462
<b>STATEMENTS OF CHANGES IN FINANCIAL POSITION</b>						
Net financing from the year's operations	2 049	1 447	1 331	984	1 233	1 060
Investments in flight equipment	– 1 694	– 1 226	– 2 961	– 1 006	– 683	– 143
Investments, other	– 1 100	– 886	– 772	– 601	– 328	– 340
Gain on the sale of equipment, etc.	1 008	762	365	– 750	955	35
Financing deficit/surplus	263	97	– 2 037	– 1 373	1 177	612
Owner's contribution	1 050	1 050	–	–	–	–
Net borrowings	101	343	1 749	770	295	– 328
Change in liquid funds	1 414	1 490	– 288	– 603	1 472	284
<b>BALANCE SHEETS</b>						
Liquid funds	3 965	4 041	2 551	2 839	3 442	1 993
Current assets, other	3 273	3 729	3 328	2 930	2 667	2 292
Non-current assets	8 374	8 287	7 632	4 985	3 157	2 883
Current liabilities	4 641	4 816	4 796	4 959	4 976	3 636
Long-term debt	4 954	5 082	4 546	2 630	1 715	1 641
Equity and reserves	6 017	6 159	4 169	3 165	2 575	1 891
Total assets	15 612	16 057	13 511	10 754	9 266	7 168
<b>RATIOS</b>						
Gross profit margin, %	– <sup>3</sup>	10	11	8	10	8
Net profit margin, %	– <sup>3</sup>	6	7	5	5	4
Return on capital employed, %	– <sup>3</sup>	14	21	21	29	23
Including sale of equipment, etc., %	– <sup>3</sup>	17	21	21	42	23
Ratio of risk-bearing capital, %	39	38	31	29	28	26
<b>PERSONNEL (average)</b>						
Consortium	20 588	20 465	19 773	18 845	17 710	17 101
Group	34 463	34 207	31 775	29 730	28 526	26 657

<sup>1</sup> Including restricted account balances.<sup>2</sup> Including minority interest.<sup>3</sup> Not relevant for 15-month period.<sup>4</sup> The SAS Consortium includes the Group Management, SAS Airline, SAS Finance, SAS Trading and joint Group projects.



## BOARD OF DIRECTORS

*Upper row, from left: Jan Carlzon, President and Chief Executive Officer, Ingoar Lilletun, Ralf Frick, Per Espersen, Krister Wickman, Kaj Ikast, Bjørn Eidem. Bottom row: Curt Nicolin, Haldor Topsøe, Tor Moursund.*

**Haldor Topsøe**, born 1913, Dr. Phil. and Eng. Chairman of SAS Board 1986/87. Danish Chairman of SAS Board since 1968, representing the private Danish owners. Also Chairman of DDL and Haldor Topsøe A/S. Member of the Boards of Jens Villadsens Fabriker A/S, Hafnia Forsikring A/S and Hafnia Invest A/S.

Personal deputy:  
Flemming af Rosenborg.

**Curt Nicolin**, born 1921, Hon. Dr. Eng. First Vice Chairman of SAS Board 1986/87. Swedish Chairman of SAS Board since 1973, representing the private Swedish owners. Chairman of the Boards of ASEA, ESAB, Fläkt, SILA and Swedish Match. Co-chairman of the Board of ABB Asea Brown Boveri. Also, member of the Boards of Skandinaviska Enskilda Banken, Incentive, Investor, Providentia, Linjeslyg and the Royal Swedish Academy of Sciences.

Personal deputy:  
Peter Wallenberg.

**Tor Moursund**, born 1927, Supreme Court Attorney. President of Christiania Bank og Kreditkasse. Second Vice Chairman of SAS Board 1986/87. Norwegian Chairman of SAS Board since May 1983. Chairman of DNL's Board and representative of the Norwegian government. Chairman of Christiania Bank Luxembourg. Personal deputy: Ragnar Christiansen.

**Kaj Ikast**, born 1935, Major, member of Danish Parliament. Member of SAS Board since 1987 and Vice Chairman of DDL. Member of Railway Council, Personal Traffic Council and Transportation Council. Personal Deputy: Jimmy Stahr.

**Krister Wickman**, born 1924. LL.B. and Ph.L. Member of SAS Board since 1974, representing the Swedish Government and Chairman of ABA. President of the National Swedish Pension Insurance Fund. Chairman of the Association of Swedish Authors and member of the Boards of AGA, Pharos and VPC (the Swedish Securities Register Center). Personal deputy: Bengt Dennis.

**Bjørn Eldem**, born 1942. Supreme Court Attorney. Member of SAS Board since May, 1983, representing the private Norwegian owners. Senior Vice President of Fred. Olsen & Co. Vice Chairman of DNL. Chairman of the Board of Norges Handels- og Sjøfartstidende and Widerøe's Airlines. Member of the Boards of Ganger Rolf and Bonheur. Member of the stock exchange committee of the Oslo Stock Exchange. Personal deputy: Halvdan Bjørum.

#### *Employee Representatives*

**Claus Lindegaard**, Denmark, born 1943. Employed in the Technical Division of SAS. Member of the SAS Board since 1988. (Took Per Espersen's place on January 26, 1988.)

Deputies:

Hans Dall and Jens Tholstrup Hansen.

**Ralf Frick**, Sweden, born 1931. Employed in the Technical Division of SAS. Member of the SAS Board since 1986.

Deputies:

Harry Sillfors and Kenneth Andréasson.

**Ingvar Lilletun**, Norway, born 1938. Employed in the sales sector in Route Sector Norway. Member of SAS Board since 1979.

Deputies:

Karin Hval and Svein Vefall.



## CORPORATE MANAGEMENT

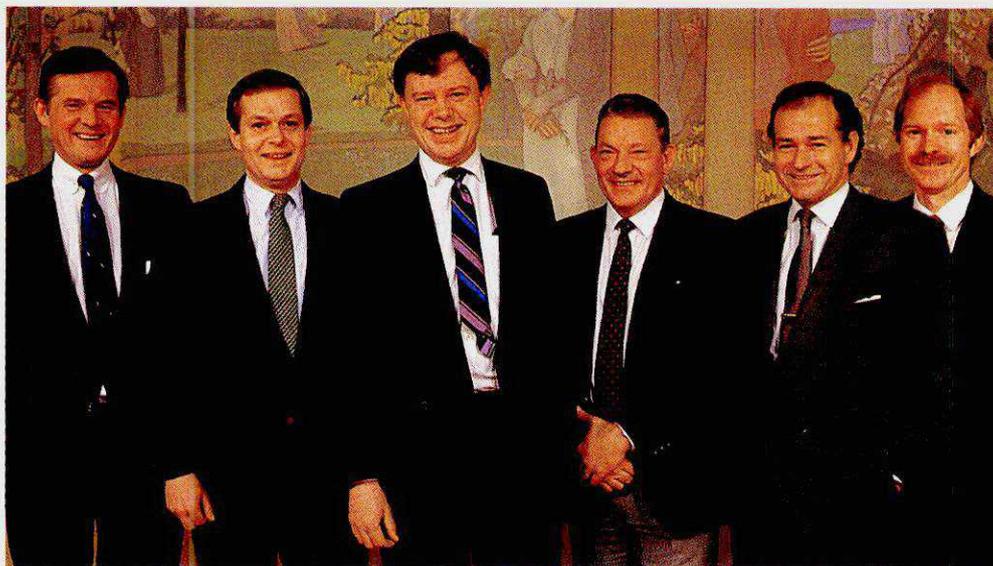
### GROUP MANAGEMENT

From left: Bo Ståhle, *Vice President and General Counsel*; Per-Axel Brommesson, *Executive Vice President – Sweden*; Frede Ahlgreen Eriksen, *Executive Vice President – Denmark*; Nils G. Molander, *Executive Vice President and Group Controller*; Jan Carlzon, *President and Chief Executive Officer*; Anders Claesson, *Vice President and Group Treasurer*; Helge Lindberg, *Executive Vice President – Norway*; Terje Sunde Johnsen, *Vice President, Strategic Planning*; Preben Kjær, *Vice President, Information*.



Terje Myklebust, *SAS International Hotels*  
Christer Sandahl, *Vingresor*

Ivar Samrén, *SAS Service Partner*  
Henrik Meldahl, *Scanair*



Peter Forssman, *Route Sector Sweden*  
Ingar Skaug, *Route Sector Norway*  
Lars Bergvall, *Chief Operating Officer, SAS Airline*

Göran Yxhammar, *Traffic Services Division*  
Mats Mitsell, *Operations Division*  
Kurt Thyregod, *Route Sector Denmark*



Sven Heiding, *Route Sector Europe*  
Ulf Abrahamsson, *Technical Division*  
Björn Boldt-Christmas, *Information Strategies*  
Bengt A. Hägglund, *Deputy Chief Operating Officer, SAS Airline*

Kjell Fredheim, *Route Sector Intercontinental*  
Per Johan Orrby, *Cargo*  
Viggo Løfsgaard, *Head of Flight Operations*

## ASSEMBLY OF REPRESENTATIVES

### Denmark

MOGENS PAGH  
*Second Vice Chairman*  
KARL BREDAHL  
FLEMMING AF ROSENBORG  
NIELS FRANDBSEN  
JØRGEN L. HALCK  
SVEND AAGE HEISELBERG  
POVL HJELT  
KAJ IKAST  
JIMMY STAHR  
HALDOR TOPSØE

#### *Employee representatives*

HANS DALL  
CLAUS LINDEGAARD  
JENS THOLSTRUP HANSEN

#### *Deputies*

IB JENSEN  
VOLKER PAULSEN  
HANS P. TANDERUP

ARNE BRENDSTRUP  
Authorized Public Accountant  
SCHØBEL & MARHOLT  
member firm  
Touche Ross International

OLE KOEFOED  
Authorized Public Accountant  
CENTRALANSTALTEN FOR REVISION  
member firm  
Arthur Young International

### Norway

NILS J ASTRUP  
*First Vice Chairman*  
HALVDAN BJØRUM  
RAGNAR CHRISTIANSEN  
BJØRN EIDEM  
PER HYSING-DAHL  
EINAR HØVDING  
TORSTEIN LJØSTAD  
TOR MOURSUND  
GISLAUG MYRSET  
FRED. OLSEN  
OLE RØMER SANDBERG

#### *Deputies*

GRO BALAS  
HELGA GITMARK  
JANNIK LINDBÆK  
JOHAN FR. ODFJELL

#### *Employee representatives*

KARIN HVAL  
INGVAR LILLETUN  
SVEIN VEFALL

#### *Deputies*

ASBJØRN HINDRUM  
GUNSTEIN MOEN

BERNHARD LYNGSTAD  
Authorized Public Accountant  
REVISJONSSKAPET FORUM  
member firm  
Touche Ross International

JACOB BERGER  
Authorized Public Accountant  
REVISJONSSKAPET FORUM  
member firm  
Touche Ross International

### Sweden

KARL-ERIK PERSSON  
*Chairman*  
BÖRJE ANDERSSON  
ROLF CLARKSON  
ULF DAHLSTEN  
KURT HUGOSSON  
NILS HÖRJEL  
BO AX:SON JOHNSON  
CURT NICOLIN  
BO RYDIN  
JAN-OLOF SELÉN  
BJÖRN SVEDBERG  
JAN WALLANDER  
PETER WALLENBERG  
KRISTER WICKMAN

#### *Deputies*

PEDER BONDE  
INGEMAR ELIASSON  
GUNNAR ERICSSON  
GÖSTA GUNNARSSON  
CARL-OLOV MUNKBERG  
MONICA SUNDSTRÖM

#### *Employee representatives*

KENNETH ANDRÉASSON  
RALF FRICK  
HARRY SILLFORS

#### *Deputies*

BO FRIDSBERG  
HANS LEVIN  
BENGT RADIX

ROLAND NILSSON  
Authorized Public Accountant  
BOHLINS REVISIONSBYRÅ AB  
member firm  
Deloitte, Haskins & Sells International

SÖREN WIKSTRÖM  
Authorized Public Accountant  
TRG Revision, EINAR LARSSONS AB  
member firm  
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## ADDRESSES

Financial information:  
Annual Report -May.  
Interim Report -September.  
These can be ordered from SAS,  
S-161 87 Stockholm, Sweden.

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