

IN THIS

ALASKA AIRLINES SEA-TAC

plus all our regular colums

CAPTAIN'S LOG

Airline and Airliner quarterly





HORIZON AIR



Boeing, Alaska Airlines, Horizon Air and the Pacific Northwest are inseparably linked. The photos on this page show Alaska Airlines' Boeing 737-290C (Advanced) N730AS, c/n 22577 and Horizon Air F.28-100 N801PH, c/n 11097.

(Alaska Airlines and AeroGem Postcards)





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The CAPTAIN'S LOG is the official publication of the WORLD AIRLINE HISTORICAL SOCIETY (WAHS). The WAHS is open to all persons or groups interested in the collecting of airline memorabilia and the study of airlines and airliners past and present. The CAPTAIN'S LOG publishes articles, photographs and other illustrations about these subjects.

photographs and other illustrations about these subjects.
The WAHS has members on all continents.
Annual WAHS membership includes a subscription to the CAPTAIN'S LOG. An extra fee applies for airmail delivery of the CAPTAIN'S LOG outside North America.
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be no exceptions to this charge.
Society memberships expire at different times in the year. For further details, see <u>Hembership Undate</u> in this issue. You will be notified before your membership expires. Please get your renewal in as early as possible to ensure you won't miss a single issue of the CAPTAIN'S LOG.

THE FLIGHT EXCHANGE

The CAPTAIN'S LOG will publish members' wants, trades and items for sale in the FLIGHT EXCHANGE section at no charge. Send details to: Flight Exchange, CAPTAIN'S LOG, 3381 Apple Tree Lane, ERLANGER, KY 41018, USA. Please list these details on a <u>seperate</u> sheet of paper. <u>Do not</u> include this material within a letter or on your membership/renewal form. If material for the Flight Exchange are not send on a separate sheet of paper, there is no guarantee the request vill be published.

CONTRIBUTIONS ARE WELCOME

All members and other interested parties who wish to contribute articles, pictures or other material of interest to the members of the WAHS, are welcome to do so. When sending material, please send it to the Editor who handles the subject concerned, or send it to the main Editorial address. Be sure to include your return address. All material will be handled with the utmost care and will be returned to the owner immediately after publication. The Editor welcomes ideas and suggestions for subjects to be featured in future issues of the CAPTAIN'S LOG.

DEADLINES AND PUBLICATION DATES

The CAPTAIN'S LOG is mailed quarterly to all members of the WAHS. Our deadlines are 01 FEB. 01 MAY. 01 AUG and 15 OCT. The issues are mailed out approximately 4-6 weeks later. The CAPTAIN'S LOG is mailed by permit mail in the U.S. so please allow ample time for delivery. Hembers outside the U.S. who wish to receive their copies by First Class mail, must pay an extra fee (listed below).

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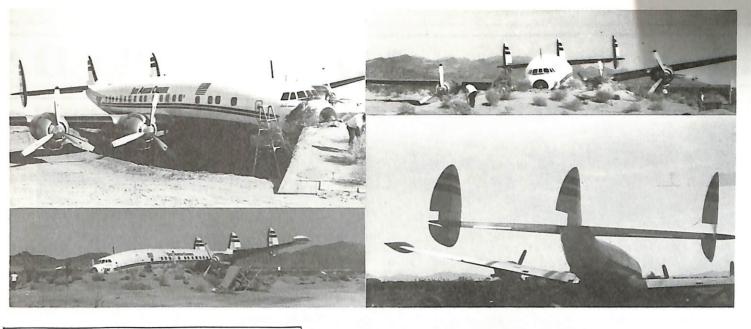
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> > Thank you



CAPTAIN'S LOG

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Readers are reminded that the WAHS and the CAPTAIN'S LOG are both non-profit, all-volunteer organizations for which a few give up much of their spare time so that all will benefit. Your editors (see inside front cover) welcome contributions in the form of copy, information and photographs for inclusion in the CAPTAIN'S LOG. However, no payment can be made for contributions.

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Terry Anderson reported in our previous issue that the SAVE-A-CONNIE Super Constellation N6937C from Kansas City, was to fly to Blythe, California to be used by a German film company for an aircraft crash scene in early April. Thanks to a CAPTAIN'S LOG reader we are able to bring you some photos of this event. The film company dug a pit beside the runway and the aircraft was towed into it. These photos show the aircraft appears to be resting on its belly on the runway. The film company also bought old cowlings, an engine, nose landing gear and other parts to scatter around for debris. (Unfortunately, when I received the photos from Paul Collins, the name of the sender was missing. If he or she would drop me a line, I'd be glad to give him or her full credit in the next issue of the CAPTAIN'S LOG)



DC-4 purchased late 1947 - 1948

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it promises to become a recordbreaker. I have been told more more tables have been rented and all tours were either sold out or very nearly so. I for one can out. hardly wait to get there, and I hope to renew old acquaintances and make many new ones.

Anyone who has never gone to any of these annual conventions misses a "total airline weekend." Nowhere else that I know of, do so many airline hobbyists - and indeed, many professionals as well - gather to indulge in their favorite pastime: talk shop and trade, buy and sell airline memorabilia. There is always a wide range of items on hand. From the always-popular postcards, time tables and color slides to books, models, wings and many, many other items. If by anyway! You'll be made to feel more than welcome.

WHAT'S IN THIS ISSUE:

Alaska Airlines is one of our AI'90 hosts and we are devoting considerable space to the company. Included in this issue are a complete history of the airline, a number of stickers and labels, historic and current time tables, photographs of its crew wings, some "Golden Oldies" and current postcards and illustrations of swizzle sticks and playing cards.

Also included is a short history of another of our hosts. the Seattle-Tacoma Airport, or

Although Sea-Tac is the busiest airline airport in the U.S. Pacific Northwest, it has a ratthe continent. It is not nearly as anything out of the ordinary. as well known as for instance New York, Miami or Los Angeles,

As I am typing this, in mid- the U.S. Having been built only May, the Airliners International in the mid-1940s, it is also a Convention in Seattle, Washing- rather "young" facility. As a ton, is only a few weeks away. result, there are few references From what I have heard so far, about it in the popular aviation press. But that doesn't make it a less-interesting facility, as people have sent in advance you will find out when you read registrations than ever before, the history in this issue and as those of us who have signed up for the ramp tour, will find

> No, I am not ignoring Boeing, nor Horizon Air, our other two major hosts. But we are limited as to the number of pages in each issue. There just wasn't the space for it.

But look at it this way: it gives us something to look forward to in future issues!

As reported in our previous issue, the CAPTAIN'S LOG with this issue welcomes RON COLE as its new staff artist.

He succeeds Tom Kalina who has produced drawings for us for you haven't registered yet, drop 15 years but who has resigned because he can no longer find the time to continue.

> Ron is the son of CAPTAIN'S LOG model editor Gerry Cole. He is 20 years old and this fall will enter the Rochester (NY) Institute of Technology, majoring in industrial design. His main aviation interests are "Japanese aviation, specifically its history and technical aspects of the aircraft it employed." He is also an avid collector of Japanese aviation antiquities such as flight suits, equipment and airplane parts.

"My summer pastime is aviation photography, mostly air-Sea-Tac as it is popularly liners, but also military," he known. photography are those of South American carriers and Alaska Airlines. Ron calls it "an inher low profile on the rest of teresting combination", as well

Ron has been a model builder from the age of six. He is a in the other three corners of member of the IPMS and has been 66

building competitively for about 12 years.

"I confess I don't build many airliners, but rather Japanese subjects. Actually I just completed a Japanese Ki-36 used by Asahi Press before World War 2. Not exactly an airliner, but civilian anyway."

His first contribution, an AN-2 of the East-German Lufthansa, is featured herewith. I am sure you will enjoy it.

On behalf of all of us,

A WARM WELCOME to RON COLE!

FLIGHT EXCHANGE & ADVERTS

I'd like to raise on other matter. In the past few months I have received a number of letters from WAHS members who sent me items for our FLIGHT EXCHANGE column. I am delighted to get these, but you are better off sending them directly to Paul Collins, our society president. It is he who handles this column. Of course I am passing your letters on to him. but it causes a delay if they first go to me, then to him. The same goes for paid advertisements and membership renewals - they should go directly to Paul.

I am handling ONLY the editorial side of the CAPTAIN'S LOG (and a handful it is, believe me). This includes the MEETINGS & CONVENTIONS column in each issue, but paid advertisements for these events should go to Paul. So should flyers to be inserted in the LOG. When you send your ad or flyer to Paul, please send me a copy as well, so I can include the information -free- in the column. Of course, you don't have to advertise your event in the LOG to get a free insertion in MEETINGS & CONVEN-TIONS. But if you do advertise as well, you'll be really helping the WAHS and the LOG out where it counts: in the pocket book. After all, even though your president, editors and writers work for free. printer and the post office do not. They want to see cash.

That's all for now. I hope you will enjoy this issue.

AIRLINE PROFILE

by JOOP GERRITSMA



The McDonnell Douglas MD83 is the newest type in the Alaska Airlines fleet. N930AS, c/n 49231, is seen at the manufacturer's after roll-out in MAR 85. (McDonnell Douglas)

Alaska Airlines

AT AGE 58 ALASKA AIRLINES IS THE DOMINANT AIRLINE IN THE U.S. NORTHWEST AND IS A MAJOR PLAYER ON THE WEST COAST.

IN 1989 THE AIRLINE ENJOYED ITS 17TH CONSCUTIVE YEAR OF PROFITABLE OPERATIONS

THIS IS THE STORY OF ITS RICH AND COLORFUL HISTORY

further - to the fall of 1931.

vey W. Barnhill bought a Stinson much more than that in a year." SM8A (NC211W) from Walter T. Varney and formed Barnhill & used the aircraft for McGee's terior, but general charter work was also accepted. By the time they bought a second Stinson the following summer, McGee had learned to fly. The partnership ued the airline with NC211W under the name McGee Airways. Soon terfield: "This encouraged them cabin monoplane.

Alaska Airlines did not come to work harder, to sell more into being until 1944, but the flights, and to haul more groairline's history goes back much ceries ... when they left town without a full load of passengers. They could easily earn At that time, Alaska fur buy- \$400 a month at a time when some er Linious McGee and pilot Har- Americans were unable to earn

Also in the fall of 1931. McGee Airways at Anchorage. They Steve Mills and Jack Waterworth started Northern Air Service to frequent buying trips to the in- offer flight instruction at Anchorage, Their first aircraft, a two-place Davis monoplane, however, crashed on delivery, but pilot Waterworth survived.

They now bought a Fleet bihe hired pilots who were paid 1932. Besides flying lessons, commissions based on the loads Star offered charter flights to they carried and the number of anyone with the money to pay the

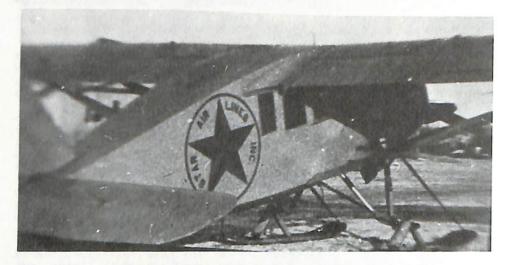
By the fall of 1932, there were three airlines flying out of Anchorage. The third one was Woodley Airways (later to become Pacific Northern Airways) of Arthur Woodley, with a Bellanca Junior and a Travelair.

Anchorage at that time was a town of 2,200 people. It had its origins in a tent city established by railway workers who had built the railway between Seward, Anchorage and Fairbanks in 1914. Upon completion of the railway, Anchorage became its headquarters.

The Great Depression was at was dissolved and McGee contin- plane trainer (NC786V) and began its worst about 1930 and many ued the airline with NC211W un- operations under the name Star people from the "lower 48" came Air Service, in the spring of north to try their luck at trapping, hunting, salmon fishing, prospecting and mining. Anchorage was the jumping-off point flights they made. Says Alaska fare. Later that year, Star also for most of these fortune seek-Airlines historian Archie Sat- added a Curtiss Robin three-seat ers and it became the distribution center from where they were



Second-hand Stinson SMBA, NC211W, was first aircraft of what is now Alaska Airlines. Away from the main cities and towns, landing facilities such as this one in the early 1930s can still be found in Alaska today. (All photos with this article by Alaska Airlines, unless otherwise indicated)



Star Air Lines operated several Bellanca Skyrockets. They were inherited from Star Air Service.



A Pilgrim 100 passenger-freighter joined Star fleet in 1935. It was still in service in MAY 44, when the name Alaska Airlines was adopted.

supplied with food and other necessities while in the interior. Because of the territory's geography and climate, there are few major roads between the various cities and towns (a situation which continues to this day) and airplanes were the only mode of travel available, if not reliable, year round. Dog teams, trains, river boats, even travel on foot were all limited by the seasons and they were slow. Aircraft operated on wheels and floats in the summer, skis in the winter.

The three airlines depended heavily on this charter business for their continued existence. Once the airplane had proven itself, the Post Office awarded mail contracts, to be operated on regular schedules. This added some stability to the erratic fortunes of the companies.

However, times remained difficult and there were too many aircraft for the volume of business available. In late 1934 McGee sold out to Star Air Service. Star now had 15 aircraft, including seven McGee Stinsons, and several Bellancas, mostly Skyrockets. It was the largest airline in Alaska. McGee who had left after he had sold his airline, returned a short time later to manage Star for the next two years.

In 1935 Star bought a singleengined Pilgrim 100 monoplane, N709Y. This was a rather bulky nine-passenger aircraft with an all-metal fuselage and a freight hold under the cabin.

The following year Kenny Neese, who had taken over after McGee had left again, decided to focus on scheduled services, rather than relying solely on charter work. Two of Star's pilots, Don Goodman and Oscar Winchell, resigned in protest. They started operations as Alaska Interior Airlines in JAN 37 but were bought out three months later by Star, now again managed by McGee. In a twist of events, Goodman then put together a corporation and bought Star Air Service. Renamed Star Air Lines, the "new" airline was incorporated on 27 NOV 37.

In 1938 the U.S. Congress established the Civil Aeronautics Authority. (It became the C.A. Board in 1940.) The CAA was to be the overseer of all U.S. commercial aviation.

The Act also said existing air carriers would be assigned specific route authority under a so-called "grandfather clause". An airline that provided regular

Service over a route between 14 MAY 38 and 22 AUG 38, would be given a permanent certificate for that route.

Star Air Lines started multiengine operations in 1940, when it bought a Ford Tri-motor from Alaska bush pilot Noel Wien.

When the CAB finally awarded the permanent certificates, in 1942, Star Air Lines received authority for operations from Anchorage to McGrath, Pilot Point, Seward, Seldovia and Fairbanks; from Fairbanks to McGrath and from McGrath to Bethel and to Ruby, plus to all Points in southern and south-Western Alaska. The airline was denied the route between Anchorage and Seattle for which it had Campaigned since 1937. The CAB had actually awarded Star the route in MAR 41, but this was Vetoed by President Franklin D. Roosevelt after intervention by Pan American and Northwest Airlines.

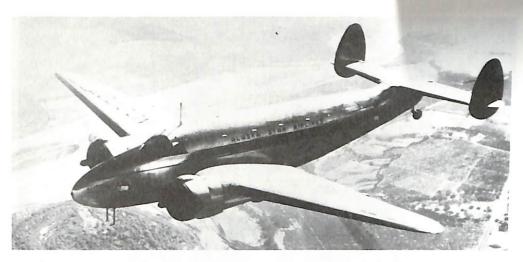
An attempt by Art Woodley to buy Star out in 1942 failed when the broker who negotiated the takeover, Raymond W. Marshall, decided to keep Star himself, Contrary to the agreement with Woodley. In the same year, on 06 JUL, Star Air Lines was re-organized and renamed Alaska Star Airlines. This name is the origin of the airline's ASA designation, in use to this day.

In MAY 42, Alaska Star had bought out two smaller carriers, Mirow Air Service and Lavery Air Service. It gained the mail contract for the route between Alaska's two largest cities, Fairbanks and Anchorage in the purchase of Lavery. Mirow came with a Lockheed Vega (NC-162W) and services out of Nome, Kotzebue, Gambell, Unalakleet and Anchorage. One Lockheed Orion was bought from American Airlines about the same time and in Dec 42 Alaska Star also bought Pollack Flying Service to get the Fairbanks -Kuskokwim (Bethel) route.

Alaska Star took delivery of a Lockheed L-18 Lodestar in 1943. It went on the tri-weekly Anchorage - Juneau service and was the first of the new generation of modern, airliners in Alaska.

Yet another change of name took place on 02 MAY 44 when Alaska Star Airlines was incor-Dorated as Alaska Airlines.

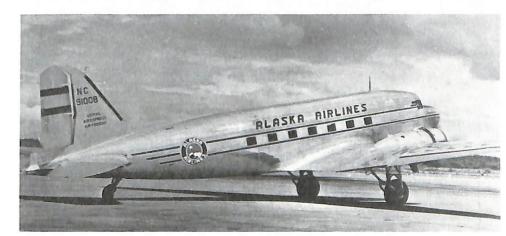
After World War 2, former American Airlines executive



Lockheed L-18 Lodestar was first the modern, multi-engined civil airliner operating in Alaska when it entered service with Alaska Star Airlines in 1943.



War-surplus Curtiss C-46 Commandos joined after World War 2 both as freighters and in passenger service.



Douglas C-47 Dakotas served Alaska Airlines after World War 2 both on bush services into the interior and on the scheduled routes between major cities and towns.



The fleet for bush operations was standardized on three types of aircraft after WW2, the Beech 18 (above), the Noorduyn Norseman (below) and the Cessna 180.





Douglas DC-6A N6118C, c/n 45243, was delivered to Alaska Airlines on 12 MAR 58 for its "Golden Nugget" service to Seattle.

James A. Wooten became president of Alaska Airlines. He quickly bought surplus military aircraft, including at least six C-47s, several C-46s and two former American Airlines C-54 freighters. Over the next 10 years several more C-46s and another 10 or so C-54s would follow. They began flying anywhere, anytime with any cargo available and by 1948 Alaska Airlines was the largest nonscheduled air carrier in the world. It was a very colorful episode in the airline's history. Its aircraft were virtual tramp steamers of the air. They even hauled rice to the beleaguered troops of Chiang Kai-Shek who were fighting the Communists in China. During the night of 18-19 MAY 49, an Alaska Airlines C-46 was the last commercial flight out of Shanghai's Lunghwa Airport before it was taken over by the Communists.

One DC-4, flying Jews from Yemen to the new state of Israel, was reconfigured to seat 120 people, instead of the usual 50.

Marshall, still the owner of Alaska Airlines, was not in favor of these Jewish evacuation flights, so Wooten formed Near East Air Transport and leased C-46s and DC-4s from Alaska Airlines (of which he remained president) and other carriers for these flights.

Alaska Airlines also participated in the Berlin and Korean airlifts. Flying three DC-4s, the airline flew millions of pounds of freight and 33 million passenger-miles under contract to the Military Air Transport Service (MATS) on the Korean airlift alone.

In 1948 Alaska Airlines became the first commercial airline in the USA to receive FAA certification to fly the DC-3 on skis in Alaska to serve the territory's oil exploration industry.

For a short period in 1949-1950 Alaska Airlines operated five Bell 47B helicopters on the North Slope oil field. The experiment was less-than-successful and the remaining helicopters were sold to a company that eventually became Anchorage Helicopter.

With the use of larger aircraft came the need for better airport facilities. Merrill Field at Anchorage was too small and Wooten moved the airline's main operations base and its headquarters down to Paine Field at Everett, Washington.

After complaints by competi-

tors about the "scheduled charters" Alaska Airlines was operating to the "lower 48", and after the FAA had found some maintenance violations, the CAB ordered the airline to end its worldwide charter business, fly no more than eight trips a year from Anchorage to the "lower 48" and concentrate on intra-Alaska services.

Two small airlines, Jones Airways of Bethel and Collins Air Service of Kodiak, were bought in 1950.

In 1951 the CAB gave Alaska Airlines a temporary certificate for the Fairbanks - Seattle -Portland route. Since Alaska already had Anchorage - Fairbanks authority, it could now operate its long-desired Anchorage Seattle service, but with a stop in Fairbanks. (Direct Anchorage - Seattle service was awarded to Pacific Northern Airlines of Art Woodley. The new service was inaugurated on 17 AUG 51 with a C-54/DC-4. A long dream of a route "Outside" had finally become reality. The certificate became permanent in 1957, but Portland was dropped shortly after. It would not rejoin the network until 22 years later.

In DEC 51 an Alaska DC-4 had made the world's first commercial flight over the North Pole.

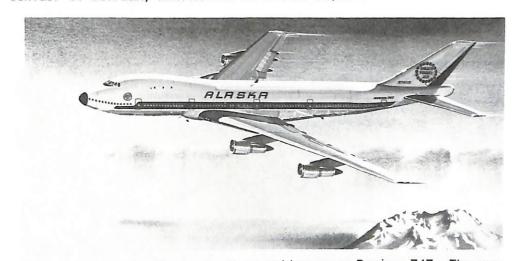
When Nelson David became president of Alaska Airlines in 1952, he inherited an airline that was deep in debt, had a chaotic maintenance system and was operating 30 aircraft of 20 different types on its trunk and bush services within Alaska. According to Capt. Warren Metzger (Ret.) it was sometimes jokingly said that if Alaska Airlines had not owned a particular type of bush airplane yet, it was about to. Mainline equipment in Alaska consisted of two or three cargo C-46s, several passenger DC-3s and two or three passenger C-54s. Several more C-46s and C-54s were still being used on a reduced number of worldwide charter operations. The last DC-3 was disposed of only in 1958, the last DC-4 in 1963 and the last C-46 in 1968.

The fleet for bush operations was rationalized first, as David standardized on the Noorduyn Norseman, the Cessna 180 and the Beech 18.

On 25 APR 58 Alaska Airlines introduced its first DC-6A on the Seattle service and in the same year, airline president Charles F. Willis applied for a route to Irkutsk in Siberia. The application was turned own.



Alaska Airlines entered the jet age on 30 AUG 61 when a leased Convair CV-880/22M, N8477H c/n 22-7-2-54 replaced the DC-6A.



In the late 1960s Alaska took an option on a Boeing 747. The option was not exercised when route applications to several cities in Europe were rejected. (via Paul Collins)



The authors's all-time favorite Lockheed Hercules photo happens to be this shot of an Alaska Airlines aircraft. (Lockheed)



When Alaska Airlines inaugurated service to Sitka in the Alaskan panhandle in 1967, Boeing 727 N797AS, c/n 19169, was the first jetliner to land there. It was a major occasion for the town.



Former Alaska Coastal-Ellis standard Goose in Alaska's Golden Nugget livery.



Twin Otters replaced the Goose and PBY amphibians on many of the former Alaska Coastal-Ellis network out of Juneau, but they did not remain in service very long before Alaska withdrew from most of the former Alaska Coastal-Ellis regional network.

The DC-6A, with a pressurized cabin, could operate above the worst of the frequent bad weather along the coasts of Alaska and British Columbia. For the inaugural flight, the cabin was decked out as an old Alaskan saloon complete with honky tonk piano (played by Willis' wife Elizabeth) and on 04 AUG 58 the slogan "Golden Nugget Service" was adopted as the theme for the service. Not long after, Alaska Airlines became the first airline to offer in-flight movies. In the mid-1960s its aircraft were decorated in Gay 90s style to celebrate Alaska's Centennial in 1967. This gave way for the Golden Nugget colors after the centennial.

Effective 01 OCT 60, the CAB redistributed the feeder and bush services in northwest and western Alaska. The Alaska Airlines bush routes went to Wien Alaska Airlines and Northern Consolidated Airlines and Alaska Airlines sold most of its bush aircraft. It retained its trunk routes to Seattle, Fairbanks, Nome and Kotzebue.

This was the time when jets were taking over from propellerdriven airliners and on 31 JUL 62 Alaska Airlines, after tough negotiations, took delivery of a Convair CV-880/22M (N8477H) on lease from General Dynamics. Carrying the new "Fly Alaska" livery, it went on the the twice-daily "Golden Nugget" Anchorage - Fairbanks - Seattle service on 30 AUG 61 in competition with Pacific Northern's Boeing 720. Alaska Airlines showed another piece of imaginative promotion. Quoting Willis, Archie Satterfield says in his company history "The Alaska Airlines Story" of 1981: "We ran that airplane between Seattle and Alaska twice a day, and everybody thought we had two of them, because it just kept coming in and going out."

Another story about the Convair had it that "Alaska Airlines bought a giant billboard in Seattle which red, 'Four jets daily to Alaska'. The catch was that the airline flew only one plane - with four jet engines," says Satterfield.

In the spring of 1962 Alaska Airlines leased two L-1649A Starliner freighters from TWA for MATS contract work and in APR 63 two (later increased to three) L-1049H Super Constellations were leased for the service to Seattle, and for the Nome and Kotzebue routes. After 1965 the L-1649As also worked

these routes and one of them remained in service to the end of the decade.

The Seattle-Fairbanks direct authority was lost to Pan Ameri-Can on 29 MAR 65, but Alaska re-Ceived a single certificate for Fairbanks - Anchorage - Seattle instead, with a mandatory stop at Anchorage. This certificate replaced the separate certifi-Cates for Fairbanks - Anchorage and Anchorage - Seattle. It pro-Vided much more security of tenure on the route. Authority to fly from Fairbanks to Europe (London, Paris, Frankfurt, Oslo, Stockholm, Amsterdam and Berne) was denied by the CAB. Alaska had taken an option on a Boeing 747 to operate this service, but When authority was denied, the Option was dropped.

In 1967 Alaska entered the Alaska panhandle to the southeast after a new airport had been built at Sitka, largely through the airline's own lobying efforts. The first flight was operated by the airline's new Boeing 727, N797AS. The contract for this aircraft had been written and signed on the back of a Boeing attorney's shirt in the absence of a sheet of paper in the hotel room where the deal was negotiated.

Alaska was experiencing an Oil exploration boom in the mid-1960s and Willis leased a civil Hercules from Lockheed to supply the construction sites for the trans-Alaskan pipeline and the drilling rigs on the North Slope. The lease started on 08 MAR 65 and the aircraft was also used for oil industry charters to Ecuador. Alaska was the first commercial airline to operate the Hercules. It bought two leased several more. Altogether seven different Hercules would be operated world-wide, from the jungles of South America to the North Slope of Alaska. One was destroyed in Ecuador when it burned after it aborted take-off when it got stuck in the mud.

The CV-880 went back to Convair in OCT/NOV 66 following delivery of the first Alaska Airlines Boeing 727 on 27 OCT 66 to replace it. The 727 was equipped with a special "gravel kit" on the landing gear to permit operations from the dirt and gravel runways at Unalakleet, Nome and Sitka. The system was pioneered by Alaska and was adopted by many airlines around the world, not only on the 727, but also on the 737.

However, the era of the Con-



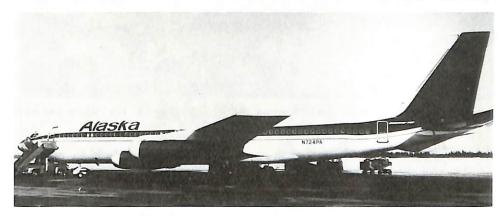
CV-240 N51331, c/n 76 (ex-Cordova).

(Ron Suttell)



CV-240 N91237, cn 140 (ex-Cordova).

(Ron Suttell)



Boeing 707-321 N724PA c/n 17602, was one of the aircraft leased for charter flights to Siberia. It carries the livery of Donaldson International, a British charter airline, from which it was leased. (Via Paul Collins)



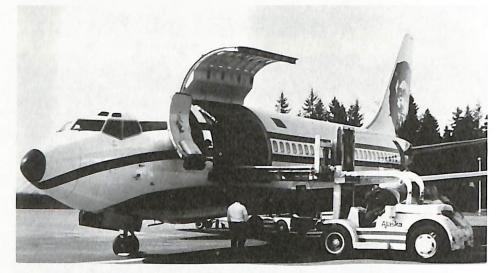
Boeing 727-81, N124 c/n 18821, shows the original eskimo face "without a smile". Compare with photos of "Happy face" tails on 727s and 737s in this issue.

73

(Gerritsma col.)



Dedication of Alaska Airlines' "Seahawk 1" in 1984. Aircraft is Boeing 727-108, N297AS, c/n 2160B, sports "Seahawk 1" livery.



All seven Alaska Airlines Boeing 737s are combis for more versatility. 737-290C Adv. N740AS c/n 22578, is shown.

vair jets was not over yet at Alaska. In MAY 67 the airline a large regional network in the took delivery of a "Golden Nug- panhandle, including Juneau, get" CV-990-30 (N987AS) from Haines, Skagway, Ketchikan, Sit-Varig. It kept the aircraft only ka, Petersburg and Wrangell. Its for a short time, and for part fleet comprised mainly flying of that time, in 1968, it was boats (four Consolidated PBY leased to AREA of Ecuador. It Catalinas and 14 Grumman G-21A was sold to Modern Air Transport Goose) and also a DC-3 and a in OCT 69, by which time more CV-240. In 1971 Alaska based two 727s had been delivered.

Coinciding with the delivery replace half of the elderly of the first Boeing 727, the "Fly Alaska" livery gave way to the "Golden Nugget" livery.

Alaska started Boeing 727 service to Sitka on 29 MAR 67. This was the first certificated commercial jet landing on gravel. Soon after it was decided to expand Alaska panhandle services services from the city of that beyond Sitka. On 01 FEB 68 Cordova Airlines was taken over CV-240s for its main routes and (see CAPTAIN'S LOG 14/1, MAR 88) and on 01 APR Alaska Coastal -Ellis Airlines also came into the Alaska fold.

Cordova DC-3 but retained the CV-240s until late 1969.

This was not the first time Alaska had operated the Convair Twin. During 1962-65 it had two CV-340s and a CV-240 was leased for one year from 18 DEC 65.

The CAB awarded Alaska Airlines exclusive authority for the southeast panhandle from Juneau and Ketchikan in 1972. The airline's fortunes had been plummeting in the previous two years and the CAB hoped the authority would help the ailing airline.

There are strong ethnic, cultural and historic links between the native peoples of Alaska and Eastern Siberia. It was natural therefore that Alaska Airlines early on saw a future offering air services between Alaska and eastern Siberia. To test the demand, Alaska began a series of charter flights to Khabarovsk in 1970 with a leased Boeing 707. At Khabarovsk, the passengers were taken over by Aeroflot for the journey to Moscow and Leningrad. Alaska collected the passengers again at Leningrad for the trip home over the North Pole. As an added attraction, the aircraft circled the North Pole twice on the flight home. The charters lasted into 1972 when they were cancelled after permanent authority to fly to Moscow and Leningrad had been denied. At different times the charters had been operated with a 707-138B, two 707-321 and a 720-024B, all leased.

The last Hercules was disposed of in 1972 as Alaska Airlines wound down its charter operations to concentrate on scheduled services. In the same year the present management team came to lead the airline. The success of this is shown in the fact Alaska has operated at a profit for the past 17 consecutive years, despite Deregulation, an oil crisis and a recession. The airline has been awarded the Financial Management Award for 1989 by Air Transport World magazine for this achievement. In 1989 it was also selected "easily the best" domestic U.S. airline and the 12th best in the whole world by the readers of "Condé Nast Traveler" magazine.

The fleet was given a major facelift in mid-1973. Four designs were chosen to reflect the ethnic and cultural heritage of Alaska's people. These designs were to be carried on the tails of the aircraft, showed an eskimo face (in blue), a gold prospector or sourdough (red), the dome of the tower of a Russian Orthodox church (purple) and the head of an totem pole (green). All were carried at the same time, one per aircraft.

In 1976 it was decided, however, to use only the eskimo face because four different identities were considered too much for a rather small airline. The eskimo has in the minds of post people, a closer continuing association with Alaska than the other three themes and it was selected. The stoic-looking face was given a big smile in the change-over and this led to the slogan "Fly with a happy face", used to this day.

During 1974 and 1975 Alaska leased four Boeing 720s while waiting for the delivery of more 727s and in 1978 the 727 fleet had reached 12 (six -100. four -100C and two -200). In APR 79 the Seattle service was extended to Portland and San Francisco. Portland became thus the first post-Deregulation city added by Alaska. The airline now began a gradual but steady expansion on the U.S. West Coast. Service was started to Palm Springs (CA) in DEC 80, Burbank (CA) MAR 81, Ontario (CA) JUN 81, Long Beach (CA) SEP 82, Spokane (WA) APR 83, San Jose (CA) SEP 83, Oakland (CA) DEC 83, Boise (Idaho) APR 84, Phoenix (AZ) APR 85, Los Angeles (CA) MAY 85, Tucson (AZ) SEP 85, San Diego (CA) DEC 86 and Bellingham (WA) SEP 89.

Within Alaska, services were reinstated to Nome and Kotzebue from Anchorage in 1980 and to Deadhorse Airport at Prudhoe Bay on the Alaska North Slope on 08 DEC 81. The latter destination had last been served with DC-3s, DC-4s and C-46s in the 1940s and '50s. Kodiak service resumed on 01 JUN 83. Most of the flights to these destinations were, and still are, operated the Boeing 727 and 737.

To service the noise-sensitive California markets, Alaska became the launch customer for the McDonnell Douglas MD83 when it ordered six in MAR 83, with the first delivery taking place in the spring of 1985.

A major breakthrough came in 1986, when Alaska acquired Jet America and its Long Beach-based network and fleet of MD80s. With it came authority for longsought Orange County (SNA) to complete the southern California satellite points. The Jet America routes and fleet were fully integrated into the Alaska services on 01 OCT 87. Jet America had been a strong force on the west coast and in the rich Cali-



Each jet is color coordinated on the inside to fulfill and reflect the Alaska experience shown on the outside of the plane.

And each jet tells a story of Alaska that's uniquely its own. Eskimo Alaska. The Eskimo is emblematic of a strong, tough and proud people-the original Alaskans. The color

could be nothing but the cobalt blue of summer skies. Inside, the carpeting, seats and drapes are also blue, touched by the gold of summer sun that never sets.

> Russian Alaska. The onion domes of old-world Russia are the classic example of early Russian

The domes stand today throughout the state as evidence of the depth of our czarist past. Inside and out, the royalist purple accents this opulent

Gold Rush Alaska. There is no better symbol of bold, bawdy Gold Rush [

Alaska than the brave 1890's prospector in strike-itrich red. Indian Alaska. Here we

demonstrate the creative traditions of the Alaskan Indian -the Alaska totem. Depicted in the rich, natura green of the verdant Southeast Alaska forest



That's the story. The new beautiful birds of Alaska Airlines.

But it's only a symbol of Alaska Airlines' commitment

to be a better airline for Alaska. We're going to be the best

airline in the world. For Alaska. We believe it. And Alaskans wouldn't have it any other way.

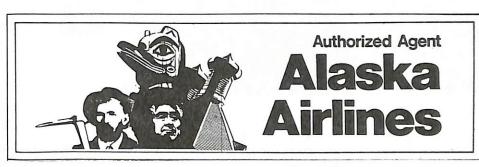
Alaska Airlines

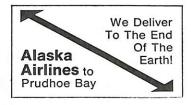
fornia market. Its services to Chicago, Minneapolis/St.Paul, St.Louis and Dallas / Ft.Worth were dropped.

In NOV 88 Alaska inaugurated international services to Mexico from Seattle and San Francisco.

Today, Alaska Airlines flies to 36 cities in six states along the U.S. west coast (including 14 in Alaska and 10 in CaliforAmerican Airlines for through services to Chicago, Dallas/Ft. Worth and Houston. In Mexico. Alaska flies to Los Cabos, Mazatlan, Guadalajara, Acapulco and Puerto Vallarta.

Alaska Airlines has never given up its ambition to fly scheduled services to Siberia. Talks between the airline and Aeroflot started again in OCT 88 nia) and in the southwest. It and continued into 1989. Alaska has interchange agreements with would like to serve Magadan and











Alaska Coastal-Ellis operated

DHC-6 Twin Otters in Juneau to

Goose. Several more were leased

during the Summer months only,

but by 1977 the airline had

withdrawn from much of the

former Alaska Coastal-Ellis

Cordova operated regional

routes and the PBYs, Goose and

name with one DC-3 and two

several smaller aircraft for

bush services. Alaska Airlines

was mainly interested in Cordo-

Twin Otters had been sold.

Khabarovsk from Anchorage two or year, with services to Magadan three times a week during the summer. Another summer-time service high on Alaska's list is one between Nome and Provideniva on the Chukchi Peninsula of Siberia. On 13 JUN 88 Alaska flew a Boeing 737 (N740AS) with 82 people (including State Gov. from Nome to Provideniya. A in 1990-1993. hoped-for start-up date of Sumagreement can be concluded this nies.

and Khabarovsk starting in the Summer of 1991.

At the end of 1989 the Alaska fleet numbered 55 aircraft: one 727-100, 27 727-200, seven 737-200C, eight MD82 and 12 MD83. Forty-three of these are leased, Steve Cowper and Sen. Frank Mur- the others owned. Sixteen more kowski) on a "friendship flight" MD83 are scheduled for delivery

The airline also operates mer 1989 passed by, and Alaska three more 727-100 on long-term Airlines officials now hope an lease for two Alaskan oil compa-

Alaska Airlines Route System ORDOVA WRANGELL SPOKANE PORTI AN BOISE OAKLAND/ LOS ANGELES INT'L BURBANK/LONG BEACH ONTARIO/ORANGE COUNTY TUCSON SAN DIEG LOS CABOS PUERTO VALLARTA Alaska Airlines/American Airlines also operate an Interchange (through plane service) to Chicago, Dallas/Ft. Worth, Houston and Washington, D.C. ACAPULCO .

Alaska Airlines embarked on its biggest fleet renewal program ever in JAN 90, when it placed orders for 40 new aircraft: 20 McDonnell Douglas MD90-30 and 20 Boeing 737-400 for a total price of \$1.6 billion. Options were taken on another 20 MD90-30s and four 730-400s. The 40 MD90s were ordered direct from the manufacturer and will be delivered from DEC 94 to DEC 97. The 737s will be leased from the International Lease Finance Corporation (ILFC) and are to be delivered between APR 92 and DEC 94.

Together with those aircraft that will remain from the present fleet after the new aircraft have been delivered, the new Alaska Airlines fleet will be one of the youngest and quietest in the airline industry throughout the 1990s and into the next century.

In 1986, Alaska Air Group, the parent company of Alaska Airlines, purchased Horizon Air, the largest regional airline in the Pacific Northwest. With this purchase, Alaska Airlines gained access to a feeder network of 34 cities in the states of Washington, Oregon, Idaho, Montana and Utah. But while Jet America was integrated into Alaska Airlines, Horizon Air to this day continues to operate as a separate company with its fleet of three Fokker F.28-1000 twinjets, 13 DHC Dash 8-100 and 32 Fairchild Metro III propjets. At the time of writing, six more Dash 8-100 were on order.

Alaska Airlines also has agreements with several small airlines. They include Bering Air of Nome, ERA Aviation of Anchorage, LAB Flying Service of Haines, MarkAir of Anchorage and Temsco Airlines of Ketchikan. They operate feeder services for Alaska under the title Alaska Airlines Commuter Service with a variety of small single- and twin-engined aircraft.

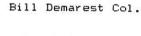
The author wishes to thank Ron Suttell, Director of Facilities for Alaska Airlines, for his generous help in providing needed information for this history and for making photos and other material available from the Alaska Airlines archives and from his private collection.

Also acknowledged are the use of the following books: "The Alaska Airlines Story" by Archie Satterfield and "Airlines of the United States since 1914" by R.E.G. Davies.



ALASKA Lockheed 1649A Starliner

Alaska Airlines, the Seattle-based airline, operated three L-1049H Super Constellations and two of the longer L-1649A Starliners, as pictured. N7316C was acquired by AS from TWA Starliners, as pictured. N/316C was acquired by AS from TWA on January 25, 1962 (originally leased) and was operated as a freighter plying the airways between Seattle and Alaska and a MATS contract. It was converted and sold as a bulk fuel carrier in 1968. Along with the L-1049Hs, the Starliners would also fly passenger routes (especially to Unalakleet, Kotzebue and Nome from Anchorage) on a regular basis until May 14, 1967 when they were replaced by the Boeing 727s. One was kept as a back-up until around September 1, 1968 wearing the "Golden Nuggett" color scheme. N7316C is pictured in the original



Postcards from

ALASKA AIRLINES' GOLDEN NUGGET CONVAIR 880 M is the fastest jet in commercial service in the world. It cruises at 615 miles per hour, over ten miles per minute, at altitudes up to 41,000 feet and can fly over 3,000 miles without refueling. C-141 Ektachrome by Clifford B. Ellis

YOU'RE IN ALASKA THE MOMENT YOU STEP ABDARD!
Alaska Airlines Golden Nugget Fan-Jets feature unique Gold
Rush-Gay Nineties service and decor. This is the most
Alaska airline of all . . . and the most fun. Daily flights
between Seattle-Anchorage-Fairbanks and to the Arctic.



ALASKA

GOLDEN OLDIES

postcards from the Bill Demarest Collection (L-1649A, Golden Nugget 727, Happy face 727 left bottom) and Alaska Airlines 'on Suttell (CV-880). The Happy ace 727 at right bottom is one of two different sizes of this card: 7x5 in (18x13 cm) and 5x4 in (13x10.4 cm). All 727 cards shown are airline issues. (Starliner card by AeroGem)



727 card below

left is artist's

impression, card

at bottom right

is a real photo.

Step aboard one of our Boeing 727-200 jets and enjoy our Gold Coast Service and the friendly spirit of our people. You'll know why we say-when you fly Alaska Airlines, you

(Gerritsma Col.)



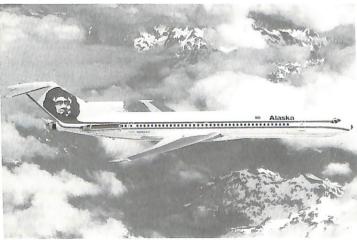
with the finest service in the sky! The sky's the limit. Alaska Airlines

You're in Alaska the moment you step

aboard one of our alaska fest jets



"fly with a happy face."



77

76

AROUND THE WORLD



of Airline Schedules



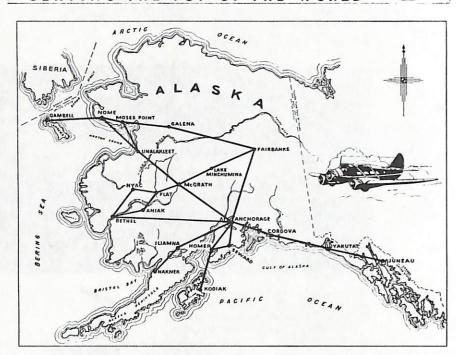
Copyright 1990 George W. Cearley, Jr.

The entire schedule column is devoted to Alaska Airlines, the featured carrier in this issue of the Captain's Log.

ALASKA STAR



SERVING THE TOP OF THE WORLD



Anchorage-Fairbanks

Dally	25		Dally	
 9 30 11 30	Ly ANCHORAGE	Ar Lv	PM 3 30 1 30	

Falrbanks-McGrath

	Wed.	26	Thur. Sun.	
	AM		PM	
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 	11 00	& LAKE MINCHUMINA LY	3 00	
 	11 15	LE LAKE MINCHUMINA	2 45	
 	12 00	Ar MeGRATH Ly	2 00	
	AM		PM	

Sun.	Thu.	27	Mon.	FrL	
AM	AM		PM	PM	
 9 00	9 20	L ANCHORAGE (AWT) &	2 45	2 00	
 10 30	10 30	& MeGRATHA Le	1 15	12 30	
 11 00	11 00	Ly McGRATHO (AWT) &	12 45	12 00	
 11 30	-	& MOSES POINT. (BSWT) LY	10 15	-	
 11 45	-	L MOSES POINT	10 00	-	
 12.45	12.00	& NOME* (BSWT) to	9 00	9,00	

Anchorage-Homer-Kodlak

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 8 30	9 00	L ANCHORAGE	4 00	12 30	
 9 15	-	& KENAI lv	-	11 45	
 9 30	-	LY KENAI	-	11 30	
 10 15	10 15	& HOMER Lv	2 45	10 45	
 	10 45	Ly HOMER	2 15		
 ******	12 00	& KODIAK LV	1 00		
 AM	AM		PM	AM	

 	Anchorago valuez		
Sun. Wed.	29	Sun. Wed.	
AM 10 00 11 00	Ly ANCHORAGE & Ly VALDEZ Ly	PM 12 30 11 30	

Anchorage-Naknek-Dillingha 33

Anchorage-McGrath-Bethel

Sun.	Tue.	Wed	Thu.	Sat.	30	Sun.	Mon.	Sat.	Thu.	Prl.
AM	AM	AM	AM	AM		PM	PM	PM	PM	PM
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10 30	12 30	12 00	10 30	12 30	Ar McGRATHA LV	1 15	1 15	2 00	1 30	12 30
		1 1 00			Ly McGRATHS. &	12 15	1,00		12 30	1
		2 00			& FLAT Lv	11 15	-		11 30	
		2 30			Ly FLAT Ar	10 45			11 00	
		3 15			& ANIAK Le				10 15	
1000	****	3 20			La ANIAK	-			10 00	
11.00		-			Ir NYACLr				-	
		1			LI NYAC Ir				-	
AM	PM	4 30 PM	AM	PM	A BETHEL	9 00 AM	PM	PM	9 00 AM	PM
		1							1	

Fairbanks-Nome

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	Anchores Inner		

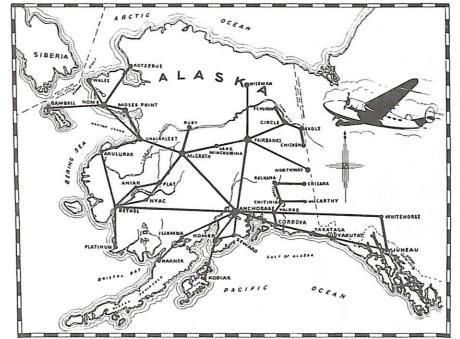
Tue. Thu. Sat.	32	Well. Fri. Sun.	
AM 8 30 11 00 11 30 1 30 1 30	Ly ANCHORAGE (AWT) & & CORDOVA (YWT) Ly CORDOVA & & & & & & & & & & & & & & & & & & &	PM 1 00 12 30 12 00 10 30 10 00 8 30 AM	

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A	nchorage-Juneau		3 30 PM	& DILLING
0. 0. L	32	Wel. Fri. Sus.	 .,-	Ancho
-			Mon.	

orage-Seward 34

Alaska Star Airlines, predecessor of Alaska Airlines, schedules and routes as of June 1943. The origin of Alaska Airlines dates to 1932, when McGee Airways inaugurated flights between Anchorage and Bristol Bay. Star Air Service started operations about this time and McGee was merged into Star in 1934. In 1937 Star Air Service became Star Airlines. The name was changed to Alaska Star Airlines (ASA) in 1942. That same year Alaska Star acquired Mirow Air Service. Layery Airways and Airlines (ASA) in 1942. That same year Alaska Star acquired Mirow Air Service, Lavery Airways and Pollack Airlines.

78



	AN	CHORA	GE—HOMER—KODI	AK		_
Mon.	Wed. Fri.	35	Jan. 1, 1944	Sun.	Mon.	Wed. Fri.
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		36				
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12 45 PM	2 45 PM	ie	NOME (4)	9 a	II O	

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			ANC	HORAGE—COR	DOVA				
Mon.	Wed.	Thu.	31	Jan. 1, 1944		M	on.	Tue.	Fri.
8 00 8 55 8 55	AM 10 00 11 45 AM	8 55	kr	ANCHORAGE CORDOVA (5)		k i	M 1 00 5 05	AM 10 45 9 00 AM	PM 12 05 11 10 AM
			ANCH	ORAGE-FAIR	BANI	KS			
	Ex. Sun.	Fri.	32	Jan. 1, 1944		S	un.	Sun.	
	PM 12 38 2 30 PM	PM 2 00 3 35 PM	lv kr	ANCHORAGE . FAIRBANKS (6)		Ly 10	M 35 000 M	AM 11 30 9 30 AM	
		ANG	CHORA	GE-McGRATI	н—в	ETH	EL		
Sun.	Tue. V	Ved. Ti	u. Sat.	33 Jan. I, 1944	Sun.	Mon.	Tue. Sat.	Thu.	Fri.
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AM			FAI	RBANKS-NO	ME				
AM			34	Jan. 1, 1944		S	1.		
AM*		Fri.	25	Jan. 1, 1944		_	_	_	

Alaska Airlines routes and timetables as of August 1944. In 1944 Alaska Star Airlines was renamed Alaska Airlines. The fleet comprised 50 aircraft in 1945 and the airline that year operated over a total of 6,000 route miles.

ALASKA AIRLINES



Serving the Top of the World

GENERAL OFFICES: ANCHORAGE, ALASKA

M. C. HOPPIN, President G. N. PARKER, Secretary

D. H. GOODMAN, Vice-Presiden

-McGRATH-ANCHORAGE-JUNEAU-SEATTLE

R. J. BARTOO, Treasure

	Su 6	Sa 8	Su Mo We Fr 11	Effective November 22 1945	Su Mo We Fr 12	Sa Tu	Tu Th Su 5	
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	10.10	12 45	-1	LERETHEL &		12 25	10 30	
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		14 35		INAKNEK I		10 35		****
*******		14 33	****	LII IAMNA IV		10 35		****
		-		INKENAL &				
		15 55		PHOMES IN		9 15		
****** 19. 19.	1.	15 55		INHOMER IV	200			35355
		16 15		L'HOMER		8 55		
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			6 30	LANCHORAGE	17.05			
			F	L-CORDOVA	F			
			F	LvYAKATAGA	F			
			F	LVYAKUTAT	F			
			F	LvGUSTAVUS	F			
			11 55	L-JUNEAU lv	13 40			
			* 13 10	LyJUNEAU	12 40*			
			* 20 50	A-SEATTLE LV	7 00*			

FAIRBANKS-ANCHORAGE

-Read Down			NO
	Daily 2	Daily 1	
	18 15 tyFAIRBANKS & Le ty ANCHORAGE ty	17 45 16 00	

21 PASSENGER "STARLINERS" DOUGLAS DC-3

With the latest equipment for passenger comfort and safetyoperate on all main routes affording more and faster schedules-Stewardess service and complimentary meals aloft.

Feeder Planes at Fairbanks, Nome, McGrath, Bethel and Naknek equipped with Floats, Skiis or Wheels serve all transportation needs to 120 Feeder points.

Soon Douglas Cargo "Starliners" will augment the Fleet of Cargo Airplanes with which Alaska Airlines has been serving Alaska during the past fourteen years.

Alaska Airlines schedules as of March 1946. DC-3's were operated on major routes both during and after World War II.

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ALASKA AIRLINES



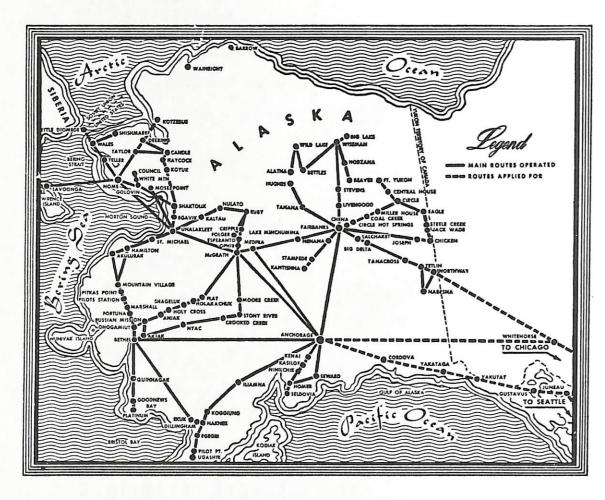
"Serving the top of the world"

ALASKA AIRLINES ANNOUNCES NEW SERVICE!!

PORTLAND • SEATTLE • FAIRBANKS
ANCHORAGE

PORTLAND-SEATTLE-FAIRBANKS-ANCHORAGE

100 Daily	Read Down	Read Up	101 Daily	
AM	3		AM	1
 8 00	Ly PORTLAND	(PST) &	9 50	1
 8 50	& SEATTLE	Lv	9 00	
 9 50	Ly SEATTLE	(PST) Ar	8 30	
 3 50	& FAIRBANKS	(AST) Lv	10 30	
 4 30	Ly FAIRBANKS		9 30	
 9 50 3 50 4 30 6 00 PM	& ANCHORAGE	(AST) Lv	8 00 PM	



On May 24, 1951, Alaska Airlines was granted a route from Portland to Seattle, Fairbanks, and Anchorage. Service was inaugurated on August 17th using DC-4's. Inaugural schedules are shown at top right. Routes at left are current as of Summer 1951.

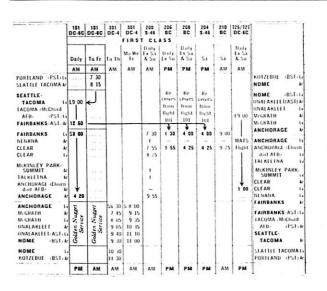
ALASKA OVERSEAS SERVICE

lead [Down						Dire	ect Co	onnections—East ar	nd So	uth						Read
NWA 1 303 411 Daily	WAL 316 730 Daily	NWA 107 Daily	WAL 628 2 Daily	NWA 505 Daily	UAL 679 Daily	UAL 629 747 607 Daily	Alaska 100 Delly Ex. Su & Mo	S Alaska 100 Mo	DC-4 "STARLINERS"	Alaska 101 . Su	Alaska 101 Daily Ex. Su & Mo	WAL 741 305 Daily	UAL 506 Daily	UAL 458 652 Daily Ex. Sa	NWA 8 Daily	NWA 10 Daily	NWA 500 510 536 Daily
AM 9.00 8.00 1.00 2.00 1:45	9.30 11:15 2:15 4:50	3.00	PM 4.45 6:30	AM 11.00 12.50 1 2.45 1 Tourist 6.40	PM 4 45 6 00 8 05 9 25	Noon 12:00 2:30 1:05 2:55 8:35	MIDNIGHT &	MIDNIGHT 4	Ly NEW YORK (EDT) & Ly WASHINGTON (EDT) & Ly DETROIT (EST) & LY CHICAGO (PDT) & LY SAN DIEGO (PDT) & LY LOS ANGELES (PDT) & LY LOS ANGELES (PDT) & LY PORTLAND (PST) LY	DAYLIGHT TO EXPRESS TO	DAYLIGHT TO EXPRESS TO	AM Tourist 8:35 4:15 1:55 9:20	9.25 Tourist	7:50 5:05 2:30 9:55	7:15	PM 12 55 2 30 10 57 9 50 6 00	PM 3 45 6 10 12 13 12 25 8 20 1 Tourist 1 1 15
¥33 	5:10 6:02 PM	7.25 PM	9 05 PM	7.05 7.53 PM	9 50 10 40 PM	9.00 9.50 PM	9:20 10:10 *11:50 5:35 AM	*11:50 5:35 AM	LY PORTLAND & LY SEATTLE . LY SEATTLE (INT) & FAIRBANKS (INT) LY	5:45 *8:00 AM	7:05 6:15 5:45 •8:00 AM	8.58 8.00 PM	9 50 9 00 	9 30 8 30 •	10.00 PM	10 20 PM	12 45 11 55 PM

Above and at right, schedules between the Pacific Northwest and Fairbanks as of Summer 1955 (using DC-4's). Alaska competed directly against Pan American on the Seattle-Fairbanks route, while Pacific Northern and Northwest offered nonstops in the Seattle-Anchorage market.



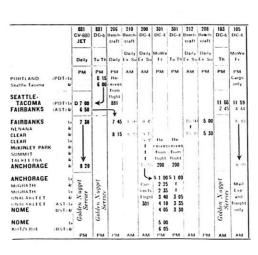






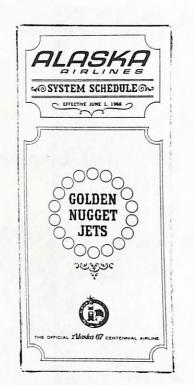
At top left 1958 advertisement promotes new "DC-6C" service begun that year. They replaced DC-4's on the route from the Pacific Northwest to Alaska. Schedules at top right and at left from October 1, 1960, show DC-6C services, among others.







Alaska Airlines inaugurated its first pure jet service on August 20, 1961, with the Convair 880 Model 22M-21. The 880 replaced the "DC-6C" on the Seattle-Fairbanks-Anchorage route at this time. In 1965 Alaska lost its Seattle-Fairbanks route and a Seattle-Anchorage route was substituted.



ALASKA is as near as your telephone



A modern varied fleet to service all the needs of a growing State.

Alaska Airlines operates:

Boeing 727 fan jets for medium range passenger requirements;

Convair's 990 fan jet long range passenger aircraft;

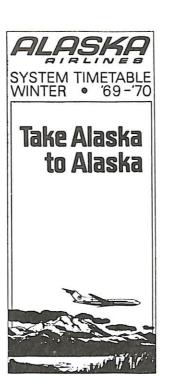
and all cargo *prop-jet* Lockheed 342's for outsized cargo or other special lift requirements.

Schedule at left from 1966 and advertisement at right from 1967. In 1965 Alaska became the world's first commercial airline to operate the Lockheed Hercules freighter. Two Boeing 727-90C's joined the Alaska system in 1966. That fall Alaska's Convair 880M was sold to Cathay Pacific Airways, then in May 1967 a former Varig Convair 990 Model 30-8 was acquired by Alaska.

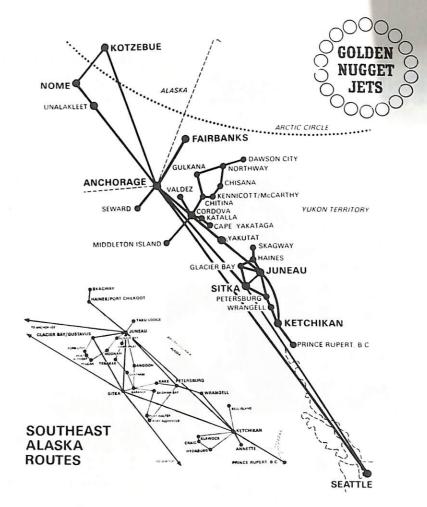
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FLIGHT NO.	244	1851	6	221	18		10	11	32	26	201	1895	33	502	81	21	243	1899	
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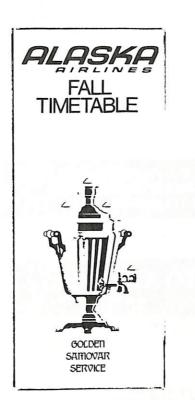


<u>Left</u>: June 1, 1967, Alaska north and westbound schedules. Jet aircraft were either Boeing 727's or the Convair 990. Schedule at right from 1968. Alaska-Coastal and Cordova Airlines were merged into Alaska Airlines in 1968.



Routes and schedules of Alaska 1969-70 illustrate new services added in south central and southeast Alaska with Alaska Coastal and Cordova mergers.





In 1970 Alaska introduced "Golden Samovar Service" offering beverage and meal service with a flavor of Czarist Russia.

FLIGHT NUMBER	1861	411	403	101	401	313		1891	303	405	305	307	407	1867	409	1895	188		1892	1897	City
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MEAL SERVICE

B - Breaktast D - Owner

C - Complementary Cocktails and Hors d'Oeuvres

S - Snack

A meal symbol preceded by an Flor Y indicates the meal service in that compartment. Meal symbols by themselves indicate the same meal is served in both Classes. Meal symbols enclosed in a circle indicate the meal is served to boarding passengers only.

6 GOLDEN SAMOVAR SERVICE

Passengers travelling on Alaska Aufiner' GOLDEN SAMOVAR flights will enjoy elegant service in an atmosphere reminiscent of Carist Russia. Sumptious meals with a Bussian flavor will be served by hostesses attued in Ukranian tuncis, to the music of the Balalaka FIRST CLASS passengers will receive personalized service in an exclusive atmosphere with deluxe menus, complimentary chambagne or wines, cocktails and lingueurs. Complete liquor service is available in couch All passengers will be served BOLSHOI GOLDEN TROTICA, a special beverage created exclusively for Alaska Aufines and served from the GOLDEN SAMOVAR.

Alaska Alaska

EFFECTIVE APRIL 29, 1973



In 1973 Alaska's aircraft each carried one of the four designs illustrated on this timetable - 1) the Russianinfluenced Alaskan architecture, 2) the Indian totem pole, 3) the Eskimo, or 4) the Alaskan pioneer/prospector.

Northbound System Flight Schedule

FLIGHT NUMBER AIRCRAFT	10	10	10	310 GG	67 Fen	GG		10	Fon Jet	373 GG	95 Fan Jet	305 GG	10	316 GG	Fan Jet	317 GG	Fan Jet		E1 Fan Jet		10	1
FREQUENCY		M	1 11.	T	, F/Y	1	1.1.		M.We ThFr	T.	F/Y	7	7	1 0 a	F/Y Mowe FrSu		F/Y TuTn Sa	Mate	Y TuSa	Wef 1	tale 	
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MEAL SERVICE

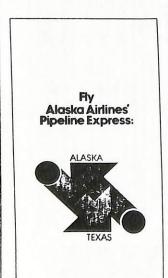
B - Breakfast
CB - Continental Breakfast
Coffee & Sweet Rolls

LB - Light Breakfast

New menus featuring great

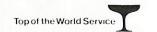
In 1973 Alaska's jet aircraft included the Boeing 727 and 707.

Alaska Airlines Timetable



DALLAS TO:

3 15p 4 40p 6 40p 4 20p 5 40p 95FY 95FY 95/67FY 95/67FY 95/67FY



HOUSTON TO:

Arrive 3 15p 4 40p 6 40p 4 20p 5 40p

BRANIFF & ALASKA AIRLINES BRING ALASKA A LITTLE CLOSER TO HOME

TO ALASKA The only daily thru-plane service to both Anchorage and Fairbanks.

Braniff Airways and Alaska Airlines on July 30, 1973, announced the filing with the CAB for an aircraft interchange from Houston and Dallas/Ft. Worth to Fairbanks and Anchorage with Seattle as the point of interchange, and change from Braniff to Alaska crews. The service was inaugurated June 1, 1974, with one daily round trip using Boeing 727 equipment.
The Alaska-Eraniff interchange was terminated in 1982 prior to the Braniff bankruptcy. The interchange later operated between American Airlines and Alaska Airlines.

THE FOLLOWING SCHEDULE MATERIAL WAS MADE AVAILABLE BY RON SUTTELL OF ALASKA AIRLINES FROM HIS PERSONAL COLLECTION

It shows Alaska Airlines' rapid expansion south along the West Coast in the 1980s.

ALASKA AIRLINES' SOUTHERN CALIFORNIA SERVICE!

NORTHBOUND (All Flights Daily)

		tellective J	ane 5, 1951)		
FL	GHT	87	FLI	GHT	19
Ontario	lv.	11.30 am	Burbank	lv.	6.35 pm
Burbank	arr.	11:55 am	Ontario	arr.	7:00 pm
Burbank	lv.	12:40 pm	Ontario	lv.	7.45 pm
Portland	arr.	2:35 pm	Portland	arr.	9.40 pm
Portland	lv.	3.10 pm	Portland	lv.	10.15 pm
Seattle	arr.	3.45 pm	Seattle	arr.	10.50 pm
			FLI	GHT .	41
Seattle	lv.	4:30 pm	Ontario	lv.	7:40 am
Anchorage	arr.	5:45 pm	Burbank	arr.	8:05 am
Anchorage	lv.	6:25 pm	Burbank	lv.	8:45 am
Fairbanks	arr.	7:15 pm	Seattle	arr.	10:55 am

SOUTHBOUND (All Flights Daily)

		tellective Ju	une 8, 1981)		
FLI	IGHT	92	FLI	GHT 4	10
Fairbanks	lv.	7:00 am	Seattle	lv.	7:45 an
Anchorage	arr.	7:50 am	Portland	arr.	8:20 an
Anchorage	lv.	8:30 am	Portland	lo.	8:55 an
Seattle	arr.	1:30 pm	Ontario	arr.	10:50 an
Seattle	lv.	2:50 pm	Ontario	lv.	11:30 ar
Portland		3:25 pm	Burbank	arr.	11:55 ar
			FLI	GHT	46
Portland	lv.	4:00 pm	Seattle	lu.	5:35 pr
Burbank	arr.	5:55 pm	Burbank	arr.	7:45 pr
Burbank	lv.	6:35 pm	Burbank	lo.	8:25 pr
Ontario	arr.	7:00 pm	Ontario	arr.	8:50 pr



Alaska Airlines entered the California market on 08 JUN 81 with service to Burbank.

08 DEC 81 schedule shows

to Prudhoe Bay on the

North Slope.

re-instatement of service

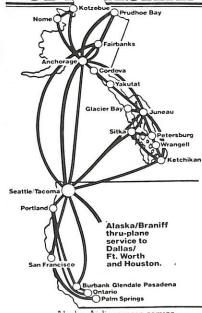
PRUDHOE BAY/SAG. RIVER To:

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Daily	11:10a	2:20p	AS 66	1	L
DALL	AS/FT. V	WORTH			
Daily	4:30p	6 02a	AS 56/AS 96	ANC	DDS
FAIR	BANKS				
	AI (INTERN	ATIONAL)			
		9:50p	AS 98	0	
HOU	STON				
1-14	H (INTERC	ONTINENTAL)			
Daily	4:30p	7:50a I	AS 56/AS 96	ANC	DDS
JUNI	EAU				
Daily	11:10a	6:45p	AS 66	3	L
ONT	ARIO				
X6	•8:55p	10:25a	AS 98	4	SB
POR	TLAND				
X6		7:55a	AS 98	3	S
SEAT	TLE/T	ACOMA			
		LE/TACOMA)			
		9:30p S	AS 66	4	LS
135	11:10a	10:30p S	AS 66	5	LS
			AS 56/AS 96		
X6	*8:55p	5:50a S	AS 98	2	S
SITK	(A				
135	11:10a	7:50p	AS 66	4	ι
YAK	UTAT				

Alaska Airlines

Daily 11:10a 4:30p AS 66





Alaska Airlines now serves Alaska's oil capital with daily non-stop Gold Coast" service from Fairbanks and Anchorage. Plus convenient thru and connecting service from the balance of our system

Alaska Airlines

Freq Leave Arrive Flight Stops

LONG BEACH To: 2 800 - 426 - 0333

ANCH	ORAGE				
A-AN	IC (ANCHOR	AGE INTERNA	ATIONAL)		
X7	8:00a	1:45p	AS 43/AS 93	SEA	
Daily	9:55a	3:25p	AS 45/AS 395	SEA	S
Daily	9:55a	3:55p	AS 45/AS 341	PDX	SS
FAIRE	BANKS				
F-FA	U (INTERNA	TIONAL)			
X7	8:00a	3:10p	AS 43/AS 93	SEA	BL
Daily	9:55a	4:50p	AS 45/AS 395	SEA	S
Daily	9:55a	5:35p	AS 45/AS 341	PDX	SS
JUNE	AU				
X7	8:00a	5:05p	AS 43/AS 67	SEA	BS
Daily	9:55a	4:45p	AS 45/AS 71	SEA	
			continued after		
KETO	HIKAN				
X7	8:00a	2:45p	AS 43/AS 67	SEA	BS
POR	TLAND				
Daily	9:55a	12:50p	AS 45	1	В
Daily	6:35p	8:30p	AS 49	0	D
PRUI	DHOE B	AY/SAG.	RIVER		
Daily		7:05p	AS 45/AS 341	PDX	SS
	TLE/TA	COMA LE/TACONA)	(1
X7	8:00a		AS 43	0	В
Daily		1:55p S		2	В
		9:35p S		1	D
SITK					-
X7	8:00a	4:00p	AS 43/AS 67	SE	A BS

Two more steps in
the expansion
along the
West Coast and
into California:
Long Beach was
added on
07 SEP 82 ...



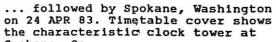


Alaska Airlines/American Airlines Interchange
Alaska Airlines/Continental Airlines Interchange
Alaska Airlines Authorized Routes

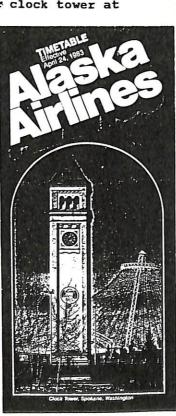
ANNOUNCING NEW SERVICE TO:

- Spokane, Washington with daily flights to/from Seattle connecting to other Alaska Airlines flights to cities in California, Oregon, and Alaska.
- Chicago, Illinois and Washington, D.C. from Anchorage, thru Seattle, on the second Alaska Airlines / American Airlines Interchange.
- Kodlak, Alaska with daily flights to/from Anchorage.
 Seattle, Burbank, Ontario
- Valdez, Alaska with daily flights to/from Anchorage.
 San Francisco with daily flights to/from Burbank and Colories.
- Call ALASKA AIRLINES or your travel agent when your travel plans call for one of our new destinations

ALASKA REGIONAL HEADQUARTERS 50 International Airport Road, Anchorage, AK 99502 CORPORATE HEADQUARTERS PO Box 68900, Seattle, WA 98168



Spokane. On
15 MAY Alaska
and American
added a second
"no change
interchange",
from Anchorage
to Washington,
D.C. to their
existing interchange between
Fairbanks and
Houston.

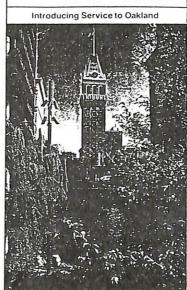


Alaska Airlines

Introducing Service to San Jose

Service to San Jose started on 06 SEP 83 and to Oakland the following 15 DEC.







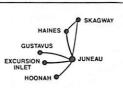












Alaska Airlines and the 4 contract air carriers shown above are working together cooperatively to provide convenient passenger and cargo service throughout Alaska. Together we provide convenient flight schedules, making connections quick and simple with competitive passenger fares and cargo rates to more Alaska destinations. Flight numbers and airline codes have been merged and listed in this timetable to offer easier reservations and ticketing capabilities. The Alaska commuter service makes an additional 20 communities available for the convenience of Alaska Airlines travelers flying to/from or within Alaska.

For reservations on any or all of the Alaska commuters contact Alaska Airlines Reservations. Alaska commuter flights are designated by Alaska Airlines flight numbers AS500 through AS999.

Alaska Airlines contract carriers also serve village communities throughout western Alaska. For exact flight information, refer to the Alaska Airlines Village Service Timetable.

In the early 1980s Alaska turned to a number of smaller airlines to feed its trunk routes. These feeders operate under the name "Alaska Airlines Commuter Service".

When service to Los

Angeles began on

28 APR 85, Alaska

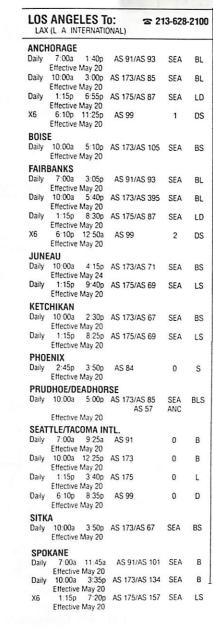
used the familiar

within its name.

are in black.

The other letters

"LA" symbol in red





Now L.A. is a big part of Alaska. Starting May 20, Alaska Airlines will fly non-stop to and from LAX.

TO LOS ANGELES FROM	M SEATTLE/TACOMA:
Leave: 7:00 AM	Leave: 10:15 AM
Leave: 11:15 AM	Leave: 6:30 PM

TO SEATTLE/TACOMA FROM LOS ANGELES : Leave: 7:00 AM Leave: 10:00 AM

Leave: 1:15 PM Leave: 6:10 PM

Also thru and connecting service to Alaska and Phoenix.

86

87

MARICAIR





Bering Air

TEMSCO



Alaska Airlines and the 6 commuter carriers shown above cooperatively provide passenger and cargo service within Alaska. Together we offer convenient flight schedules, making easy connections with competitive passenger fares and cargo rates to over 60 communities in Alaska.

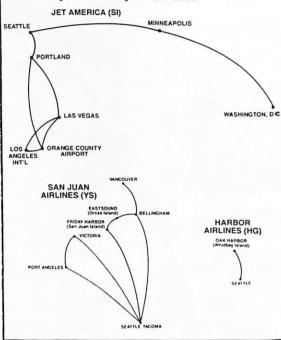
Reservations with these commuters can be obtained by calling Alaska Airlines toll free at (800) 426-0333. Alaska commuter flights are designated by the commuter flights are d nated in black in this timetable.

Alaska Airlines commuter carriers also serve additional village communities throughout western Alaska. Please refer to Alaska Airlines' Village Service Timetable for flight information.

CONNECTING CARRIERS

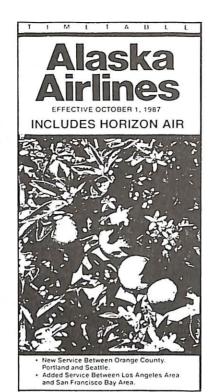
Alaska Airlines now makes air travel easier. Convenient connections are now provided between Alaska Airlines' cities and the destinations served by the carriers shown below.

Reservations for flights to any of these cities can be obtained by calling Alaska Airlines toll free (800) 426-0333. Each carrier's airline code pre-cedes their flight numbers throughout this timetable.



01 DEC 86 timetable shows inauguration of service to San Diego, CA, but also connecting service agreements with Jet America, San Juan Airlines and Harbor Airlines. Jet America would be completely taken over and its services integrated into the Alaska network on 01 OCT 87. There also has been a change in the line-up of commuter carriers working with Alaska Airlines.

> 01 APR 90 timetable promotes the JUL 1990 Goodwill Games, held in Seattle right after the 1990 Airliners International Convention.



Joint timetables were issued for Alaska Airlines and Horizon Air after Alaska Air Group, parent company of Alaska Airlines, had acquired Horizon Air in 1986, even though both carriers remained independent.



AIRLINE HAPPY HOUR

by AL S. TASCA

I don't have many sticks from Alaska Airlines. But those that I have or have seen, show some interesting variations. They are as follows:

Fig.1

This is a stick from their Gold Coast service. It is all-white and one-sided. Naturally the writing is hot-stamped gold, as is the name on the shank. The stick is 5.5 in (13.4 cm) long with the manufacturer's name, spir-it usa on the front just forward of the pointed end.

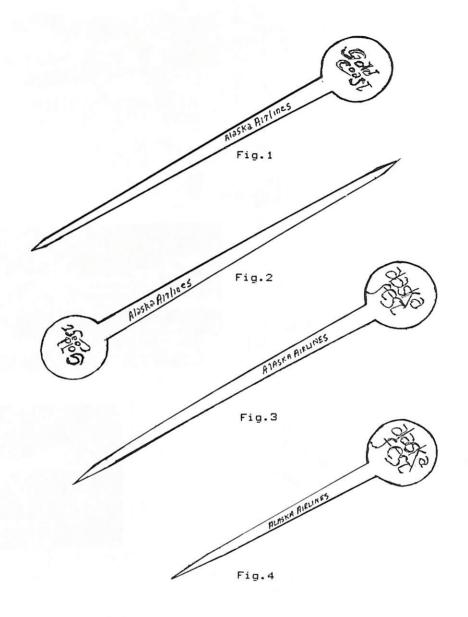
Fig. 2 This stick is nearly identical to the one in Fig. 1. The differences are that the airline name is higher on the shank and it faces in the opposite direction. As with many other sticks, it seems that during manufacture the name is not always in the same spot. Also, unlike the stick in Fig. 1, the manufacturer's name on this stick is in the same spot, but on the reverse side.

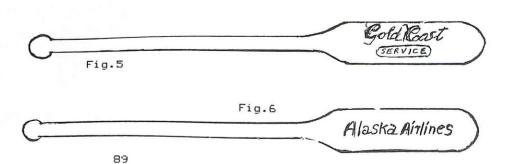
This one-sided, 5.5 in (13.4 cm) is also all-white, but the writing and name are in hot-stamped brownish red. This stick also comes in a two same-sided variety and as on the sticks in Fig. 1 and 2, the name is not always in the same spot on the shank. Both varieties also have spir-it usa just forward of the pointed end and this can also be on either side.

This is the matching pick to the two-sided stick in Fig. 3. It includes the same manufacturer's name in the same area. This pick is 4 1/8 in (10 cm) long.

Another all-white Gold Coast service stick in hot-stamped gold. This two-sided stick is 6 in (14.7 cm) long with the manufacturer's name spir-it just forward of the round end on the other side.

This shows the other side side of the stick in Fig.5. It is also all-white with hot-stamped writing. This writing is upside down, compared to the front side and can be read by holding the stick facing you and then turning it over top to bottom.





New playing cards have been scarce again, with only one new (is it?) card in sight. Should you see something new, please let me know so we can inform the rest of the membership. With only the one new (?) card to report, let's first look at our featured airline this month, Alaska Airlines.

The earliest issue I have of this airline is from the early 1960s, when they were flying the Convair CV-880 on their jet service to Seattle. This card has a white background and Alaska Airlines in dark-blue print. The "Golden Nugget jet service" text and the eagle are in gold. The aircraft is shown against a dark-blue sky.

Alaska Airlines issued a series of different color decks that I believe went along with the totem pole and other logos they used from 1973 to 1976. There were four different tail logos in the beginning: the totem pole head in green, an eskimo face in blue (without a smile at first), a goldminer/ prospector in red and the dome of a Russian Orthodox church tower in purple. The designs all represented aspects of the heritage and history of the State of Alaska. These four decks were plain cards in green, blue, red and purple, all with gold printing for the name and a border. It is a shame that the different tail logos were not shown on these cards. They would have made for a great series of cards.

In the late 1970s came the slogan "The sky's the limit", which led to a card showing a 727-200 flying above snow-capped mountains. The border and the printing are in white. A new slogan, "Fly with a happy face", came into use in the early 1980s. This led to a revision to the card mentioned above. Apart from the different slogan, the blue of this card is darker. There is another small difference: the earlier card does not show a registration number on the aircraft, while the newer version does (although it is illegible).

As far as I know, this latter card is still in use.

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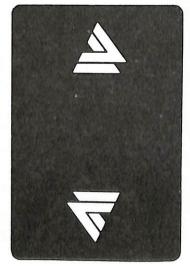
Alaska Airlines



I won't pass up the opportunity to show you a new card, at least new to me and to the CAPTAIN'S LOG:

Thanks to Randy, one of my colleagues at Federal Express, I can illustrate this card issued by Midway Airlines. The logo is white on an all-black background. I don't know how new this deck really is (Comments, anyone?) but it is a new one for the CAPTAIN'S LOG.

Until the next time and Happy collecting.



STICKER CHATTER

by DON THOMAS

To start, I want to show some Alaska Airlines labels. Alaska, the featured airline in this issue of the CAPTAIN'S LOG, was formed in 1944 by combining Star, Mirow, Lavery and Pollack Airlines. The line was awarded a Seattle-Fairbanks route in 1951 and inaugurated it with DC-4s. In 1958 the DC-6 inaugurated Seattle - Fairbanks - Anchorage Golden Nuggest Service. In 1967 Cordova Airlines merged into Alaska Airlines and in 1968 Alaska Coastal Airlines joined.

One of the more-colorful labels of Alaska Airlines, complete with totem pole, is illustrated (#1). Its background shows a blue sky. The triangular label (#2) has a gold border and "bird", red text and dark-blue inside triangle. It probably dates back to the airline's "Fly Alaska" period of the Convair CV-240, CV-880 and the Super Constellations. The next three labels for freight are selfexplanatory (#3a,b,c). They have "Alaska Airlines" in red and the other text in blue, on white. The Alaska Coastal Airlines label(#4) has a wide yellow circle with concentric narrow black circles and black text. The Alaska flag has white stars on a black background.

As usual, I have many more new labels than I can illustrate on three or four pages. I will therefore show only the mostattractive and most-important ones at hand.

The most-important one in June should be the sticker for AIRLINERS INTERNATIONAL 90 at Seattle (#5). It is already familiar to us as it has been illustrated in the CAPTAIN'S LOG for the past year. It shows one of the old Boeing 307 Stratoliners. These were used by both TWA and Pan American Airways.

Remember Chalks's Airlines, which had been flying to Nassau, Bimini and Cat Cay since 1919? It is now called Paradise Island Airways and is owned by television entertainer, talk show host and producer Merv Griffin. The green and white stickers shown (#6) were used on wrapped birthday cakes which were given to passengers in MAR 90 to celebrate the airline's first birthday. Stickers are courtesy of RICK ARANHA, who has been flying





Alaska Airlines CHECKED BAGGAGE



(Facsimile drawn by hand. (Red, gold and dark-blue colors don't reproduce well-JG)





#5



Э

for Chalk's and Paradise Island for the past many years.

Incidentally, when I was radio officer on a Munson Line cruise ship back in 1928, we used to go over to Paradise Island in the Bahamas for a swim when we were in Nassau. At that time it was called Hog Island and the only sign of habitation was an open-air lean-to used to change into bathing suits. Now there are many million-dollar hotels and gambling palaces on the island.

JAIME LaTORRE of Chile, who has attended the past eight AI conventions, sent in some nice new labels. The most-beautiful is one from Ladeco (#7) for best airline of 1986. It is in dark blue on an orange background, with a white airplane and yellow border. The Jet BAe 146-200 of LAN Chile (#8) is a new one -blue, red, light blue on white. The "Good Morning, Calama" sticker (#9) refers to a city in Northern Chile. Thanks, Jaime.

All new labels are useful and will be described in the Air Transport Label Catalogue.

HERMAN VAN DYK sent a Chalk's International label for Bimini (#10). It is blue on white and now obsolete. There should be others for MIA, NAS and CC. The new US Air BIL in black on white with the airline name in red and blue (#11), also from Herman. It was issued in 10/89. Another BIL from Herman is this cardboard BIL for KeyAir in blue and red on white (#12) and a cardboard BIL with a plain US Air in black in white (#13).

PETER RENTZCH of West-Germany sent in two Atlantic Airways labels. This is a Danish airline flying from the Faroe Islands to Copenhagen. The bird is black, with a blue cap. The border is red (#14). The other label (not illustrated) has a red border and a jet aircraft outlined in blue.

Delta's "Do not disturb" label came from MICHAEL GERKE. It is blue on white with a red border (#15). He also sent in the Paris inaugural service label of 1985 in black on gold (#16).

BILL GAWCHIK found some nice labels, among them a few new ones: Monarch Airlines flies out of Luton Airport in England with a fleet of Boeings and A300s. Their triangle is in yellow and gray, with a black center (#17). Wideroe's four-engined Dash 7 is shown on a blue background (#18)

92



La Tur is a Mexican charter airline operating MD-83 and Airbus A300-600 (#19) aircraft from the U.S. east and west coasts to Mexican holiday resorts. This A300-600 label has a light green background with a silver border. Mexicana's Compliments label is black on white (#20) and the smaller label from the same airline is in blue and brown on white (#21).

TED KOCH contributed labels from Spanair (#22) and Viva Air (#23). Both are based in Palma de Majorca. The Viva label is printed in five colors: yellow, black, red, blue and green, on white. These are the same as the colors of the Olympic flag. The Iraqi Airways 44th anniversary label (#24) is green, red and yellow, with a gold and green border.

ALLAN VAN WICKLER came up with a new Canadair label, among a lot of others. It shows the company's new Regional Jet (now under development) and comes in shiny silver and red on white and gray (#25). He also contributed the American Airlines Super 80 Luxury Jet label (#26). It shows an aluminum airplane on a white background, decorated with American's usual red and blue house colors. The border is in red.

From LEN WALLIS of Ontario, Canada, came this Canadian Helicopters label (#27) in dark blue and white, with a red humming-bird. The company flies from Vancouver to the winter resort of Whistler.

DAVE ROWE in England as usual sent in some new items. Air Columbus (#28) flies from Madeira and is connected with Sterling Airways of Denmark. The aircraft on the label is in blue and orange on white, against a background of mountain tops peeking through the clouds. The Inter-



#21









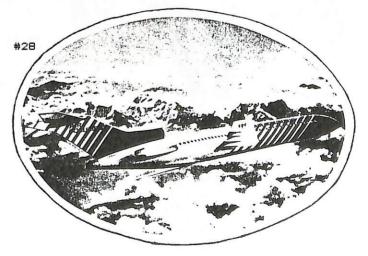
44
JEARS

**24









93

flug (East-Germany) label (#29) is in black on red and shows one of the airline's new Airbus A310 taking off. Federal Express advertised the 1989 football games with this red-background label (#30). Lauda Air of Austria's man poses with two big stuffed animals (#31). Or are they people in animal suits? This label comes in the form of a postbel comes in the form of a post-card that can be sent through the mail. The explanatory text on the back is also shown. The familiar bee mascot of Busy Bee of Norway is now on skis, in yellow and black on a blue and white background (#32). The label of Slov Air of Yugoslavia (#33) shows a LET Z-37 Cmelak (Bumble bee) agricultural crop duster airplane in blue and let-tering in red on a white background. Like so many airlines in the East Bloc, Slov Air not only operates air services, but is also involved in a host of other flying activities, including agricultural aviation.

The StatesWest BIL (34) was liberated by PAT McCOLLAM. It is in light green on white card-

That's it for this time. See you in Seattle, where I will have lots of 50-cent airline baggage labels from the 1920s to the 1960s, and lots of time tables from the 1930s and 1940s.

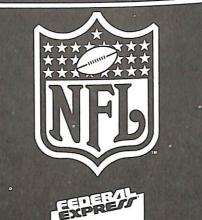


ENJOY THE FAMILY FUN OF >>>

A310

MIERFLUG

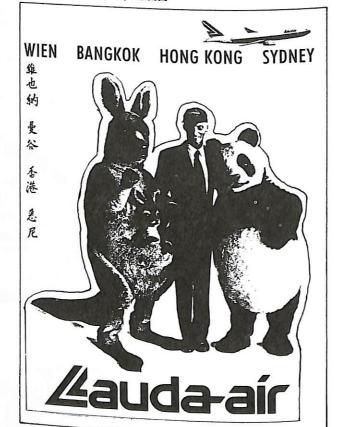




#34

inste der Laude Air ab Mai 1988: Mit Boeing 767-300ER nonstop nach ait nur einem Stop noch Australien und Hong Kong. Niki Lauda and his friends. Lauda Air's new scheduled services begin in May, 1988: Boeing 767-300ER non-stop flights to Bangkok and with only one stop to Australia and

#31



_		30
	Name	
	Address	
77	City	STATESWEST
	State	
	Phone (Zip	BAGGAGE IDENTIFICATION
1	Area Code Number	ATTACH TO LUGGAGE

WINGS & THINGS

by RICHARD KORAN



(LEFT) This Alaska Star Airlines hat badge was first one to be WOYD after ASA changed their name from Star Airlines in 1942. The badge is silver with deep-red enamel in the sky, a small silver star, silver land mass and blue ocean. The band around the center logo is in dark-blue enamel with silver letters. A silver band surrounds the whole badge. R.W. Stevens photo

As most of you know, if you have been reading my column for a while, I like to pull information form of formation from other sources, in the form of direct quotes, mostly, as a means to give you a story of aviation that perhaps has been told before before ... and better than I could tell it.
Why not? Why sit in front of a typewriter trying to get my thoughts together when they are
before me any are before me anyway? It happens all the time.

THE BUSH PILOTS

It happened again when I began thinking of Seattle and the up-and-coming convention ... remembering my visit to the Museum of Flight on a layour on on a layover ... looking at the airplanes on exhibit ... especially the older ones like the sturdy Stinson SR Reliant suspended in the musturdy Stinson SR Reliant suspended in the museum's "upper air" ... bringing back memories of Oshkosh EAA Fly-Ins and all the old airplanes, parked in the "antique" section, that may have been carried aloft with skis, wheels or floats, to a rugged destination ... like Alaska ...in the "old days".

So, when I read sections of Archie Satterfield's "The Alaska Airlines Story", I found a few paragraphs that tell the story best: "No era in aviation was more romantic than those golden years between World War I, which introduced serious aviation to the world, and World War I.

duced serious aviation to the world, and World War II, which made aviation legitimate. It was the the era of the bush pilots, knights errant in the wildthe wilderness, paladins astride their sons, Bellancas, Vegas, Robins, Fairchilds, Hamiltons, Fokkers, Pilgrims, Fords, Ryans, Standards and Stearmans. Some wore knee britches, leather lace boots, flying jackets, and, yes, some yes, some wore silk scarves. They cut romantic figures in the small towns and it is no wonder that the small towns and it is no wonder that these young, healthy and daring young men were so popular wit local belles. One young woman who grew up with miners and fishermen, said that when the pilots arrived in force during the early 1930s, the local boys didn't stand a chance -- unless they became pilots, too.

"Like the great cowboy years of the American West, the real bush pilot era did not last very long. While there are still charter pilots in the continuous lots in the north who are called bush pilots, 95



(ABOVE) First Alaska Airlines hat badge, and employee lapel pin. All the wings on these badges are silver with a blue enamel band surrounding the center piece. "Alaska Airlines" is in silver. The center has a deep-red sky with a silver star. The Alaskan land mass is in silver with a blue enamel ocean. There is a small chip in the sky enamel of the hat badge and this shows up as a white spot in the

(RIGHT) Gold Alaska hat badge is above a gold embroidered wing variation. The upward swept wings of this swept hat badge gold with red, dark-blue and light-blue enamel and silver highlights and lettering. The embroidered pilot wing is gold on black backing, embroidered letters in gold and red and blue



thread in the center with a small silver star. It is Thought this style wing was worn by aircrews flying contract trips to Japan from Alaska, in R.W. Stevens photo DC-45.

the true bush flying lasted only about fifteen years, from the arrival of Carl Eielson and Noel Wien in the mid-1920s until the federal government stepped into Alaska around 1940 and established routes, regulations and certificates for the airlines.

"Flying continued to be a hazardous occupation, but after the Federal regulations were imposed, flying was different; there were

rules to follow, laws to obey, flight plans to file and follow, control towers to talk to, dozens of new instruments to operate and complex airplanes to fly.

"Those bush years have produced a folklore of the North that has been handed down from generation to generation. Part of this unchanging folklore is due to the longevity of the participants; bush pilots who survived their trade, live long lives, and their memories are strong and firm. They do not tolerate vivid embellishments; to have done what they did is enough."

ALASKA AIRLINES WINGS

Some years ago I went into the Western Airlines Sea-Tac flight operations hoping to find someone who could help me locate some wings ... what else? A captain in the room suggested I contact retired Western Air Lines Captain R.W. "Bob" Stevens, as he, too, is a wing collector and history buff. Little did I know the extent of his interest in Alaska as he'd flown for Pacific Northern Airlines before his affiliation with Western ... his wing collection ... his history background ... and his extensive photography and writing skills!

When it comes to his wing collection, Bob Stevens has some of the best! He began collecting many years ago and discovered his best sources were the pilots who flew the routes of the pioneer air carriers in the 49th state. His ongoing relationship with Alaska itself continues to this day as he has been writing a definitive history of aviation in and around the Pacific Northwest. His photography has taken him around the world as well, taking pictures of Alaskan and African wildlife, the Norwegian Arctic, the Pribilof Islands, Nunivak Island eskimos, Nelson Island eskimos and other interesting subjects. Wings, too!

The Stevens collection includes wings and badges of Alaska Star Airlines, the early Alaska Airlines in both metal/enamel and em-

> (BELOW) The current Alaska Airlines wings and badges all have gold wings with red and medium blue centers and a dark-blue enamel band surrounding the center piece and gold eagle. "Alaska Air-

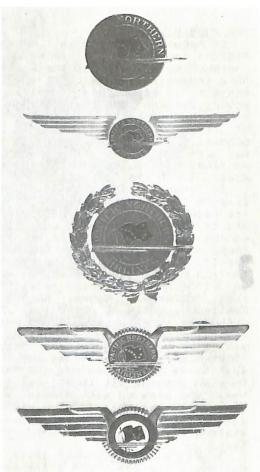




Silver embroidered Alaska Airlines pilot wing with red and blue center and a small silver star. The surrounding border is dark blue with letters in silver. This striking variation is beautiful R.W. Stevens photo in color.



The current Alaska Airlines pilot wing is in gold with red, blue and gold in the center. The blue enamel border has gold letters and a gold eagle surmounts the center. Enamel at upper left is red, with a gold star, and blue enamel forms the lower right of the wing's centerpiece.



lines" is in gold. as well as the fine detailing. As you can see, the older F/A half wing has the earlier ocean, sky and star details with gold and appropriate enamel. F/A badge at bottom left is current with the outstretched head, wings and tail in gold on the enameled R.W. Stevens photo ern Airlines pilot wings and badges show progression in the insignia from DEC 45 to the merger with Western Airlines in 1967, Both badges are red enamel with silver details and blue enamel "flag". A silver wreath accents the second hat badge. The first and second wings

accents of these beauties. R.W. Stevens photo

broidered variations, and the current Alaska Airlines uniform insignia. Just to titillate you, his Alaskan collection also includes wings and badges from Pacific Northern Airlines, Wien Alaska Airlines (including five or more variations of F/A wings made in remote locations by native artisans), Northern Consolidated Airlines, Reeve Aleutian Airlines, Cordova Airlines, Alaska Coastal Airlines, Ellis Airlines, Alaska Coastal-Ellis, and numerous others.

I hope I will have an opportunity to see some of Bob's collection as he plans on being at Airliners International 1990 in Seattle.

During one of my infrequent visits with him on lay-overs (which are too infrequent as far as I am concerned, because I like the Seattle area very much), Bob let me photograph some of his collection and these pictures will come in handy when I try to describe the various wings and enameling for the photos. I have included a photo of my current Alaska Airlines pilot wing and Bob came through with "flying colors" and some very nice B&W photos of his wings for us to drool over(!) ... including one grouping showing his Pacific Northern Airlines wings and badges, too.

The older Alaska Airlines wing is silver with deep red and blue enameling in the center. A blue enamel band surrounds the center with the name in silver letters. In the middle, the land surfaces are silver and the ocean blue. The sky is red with a silver star in the upper left. The Alaska Star wing is identical as far as the enameling is concerned, except the silver star is almost at the top of the center, and the wings are silver, too.

Capt. Stevens has an embroidered Alaska Airlines wing which is silver "wire" and has a center consisting of red thread at the top and blue at the bottom half. A small silver star is in the upper half of the center. Black threads accent the wing pattern. A blue band surrounds the center wing with silver wire "Alaska Airlines". He has a similar wing with gold embroidering, but there is no band around the center, just large gold lettering.

The current Alaska Airlines wing is gold with the blue enamel band around the center with gold lettering. A gold eagle separates the red sky at the upper left of the center, and the blue earth at the right and bottom. There is a gold star in the upper-left sky. The current Flight Attendant badge is similar to the center of the pilot wing except that it is somewhat larger. The eagle is also larger and its wings extend above the badge, whereas the head and tail extend out each side.

Bob also has an Alaska Airlines gold halfwing with red and blue enameling as in the earlier Alaska Airlines wing in silver. Four hat badges round out the Stevens Alaska Airlines collection:

-a large, round Alaska Star silver badge with the same deep-red and blue enamel;

-a silver Alaska Airlines with wings spread upward with appropriate red and blue enamel; -a gold Alaska Airlines with wings swept up-

ward with red and blue enamel, and, - the current Alaska Airlines badge, wings swept up and the eagle in the center of red and blue enamel.

97



(LEFT) This All American Airways badge has green enamel over all surfaces, with gold trim, AAA logo and edging. I found it at a local military show.



(ABOVE) Braniff Airways hat badge acquired at the D/FW mini-convention. It was the "catch of the show" for me. This 1939-era hat badge is in overall gold with red and black enamel in the center.

(BELOW) I acquired this Braniff International Airways hat badge at last year's D/FW mini-convention. This beautiful piece of aviation jewelry is in gold with blue enamel border, gold letters and red enamel behind "International". The upper surfaces are polished and the lower ones are matte finished.





Mesaba Aviation, operating as Northwest Airlink with Northwest Airlines, now provides connecting service between Detroit and 12 cities in the states of Michigan, Ohio, Pennsylvania and Wisconsin. Their wing is all-silver with a red, white and blue center. This badge comes in two sizes, one for the hat and the other for the jacket.

(RIGHT) These Pacific North-

are silver with red, blue

Bottom wing is silver with

red and white enamel in the

center with a blue enamel

flag. Silver used for the

and silver in the centers.

badge.

Many of you may have noted some improvement in my photographs in my attempts to eliminate as much reflection as possible to enhance the wing pattern. I have been able to do quite a but I still can't rid myself of the black spot in the center if that center is a polished surface. The "spot" is in my camera lens! Any suggestions, Dick Luckin???

AIRLINE INDUSTRY AWARDS

Readers ask me from time to time where I get my source material. Much of it comes from the many airline magazines, with my favorite being Air Transport World (ATW). The FEB 90 issue included their 16th annual airline industry awards program, a creation of the maga-zine's editorial staff, so I thought that perhaps I would include some of the winners'

Singapore Airlines was selected as the Airline of the Year for 1989, recognizing their singular achievements in passenger service and its enviable financial performance in the industry. The new Singapore Airlines wing did appear in the CAPTAIN'S LOG, 16/1 of MAR 90. Crossair of Switzerland was a repeat winner for 1989 as the commuter/regional airline of the year. Crossair "has become one of the largest, most-profitable, most-service conscious and highly-regarded regional airlines in the world despite early government protectionist policies and battles with giants Swissair and Lufthansa over route authority that threatened

its very existence," says ATW.
Thai Airways International received the Passenger Service Award for 1989, recognizing the friendliness and hospitality that is a hallmark of Thai culture. Thailand's flag carrier won out in the intense competition of the Pacific rim airlines.

Alaska Airlines won the Financial Manage-

ment Award for 1989.
"Any U.S. airline that has been profitable in each of the past 17 years - a period that includes the first 11 years of airline deregulation, an oil crisis, the air traffic controllers strike and a major recession serves to be recognized for superior financial

management," says ATW.

No wonder there are so many Happy Faces on the tails of Alaska's fleet. By the way, has anyone seen the Happy Face with sunglasses that flies into Palm Springs?



This rare Chicago & Southern captain's wing appeared in my mailbox some months ago. I was more than happy to make a trade that would add such fine wing to my collection. The wing has a gold finish and large pinback for wear.



Early 1950s United Air Lines flight engineer's wing in cloth for wear on the shirt. It has light -blue thread overall and dark-blue thread for accenting the wing pattern. The shield in the middle has three yellow propellers and the red-white -blue United logo. Thanks to retired United Air Lines Captain Lee Goodwin.



Air Toronto, an Air Canada Connector, flies out of Toronto's Lester B. Pearson International Airport, close to American's gates. This variation the AC Connector patterns is the best one yet. It has a red enamel logo at the top, polished edges at top and bottom and matte finish in between. "Air Toronto" is also polished.



Canada 3000 pilot wing worn by Toronto-based crew members for charter work. These folks are related to the Air 2002 to the Air 2000 airline in England, flying out of Manchester. The wing is in gold with white in the globe behind the way and "3000". globe behind the red maple leaf and red "3000".



Odyssey International flew charters out of Toronto until it find to until to until it filed for bankruptcy in April. Its 757s and 737s were seen at YYZ, Tampa (Florida) and many other sunspot destinations, as well as in Europe. The sixting the in Europe. The airline's logo can be seen on the cover of "Airliners" Winter 89, as well as in John Wenn's artists. A John Wegg's article "From Backwoods to Boeings, A Canadian Odyssey" story in that issue. There is great photo of an Air Toronto Jetstream Super 3

THE DEATH OF AN AIRLINE LEGEND
"'I'm not interested in aviation,' he protested, in what may have been the most-inaccurate appraisal of one's future ever uttered, says Robert Serling in "Eagle, The Story of American Airlines". C.R. Smith, an accountant happy in his job with a power company, had been handed the reigns of an airline his boss had hought an a restairly whim and was asked had bought on a gambler's whim and was asked "to keep the airline's books and generally oversee its operations." That was in 1928.

Today, the people of American Airlines are

mourning a legend! A special edition of the Flagship News was published for all employees at American and I'd like to quote some of what was expressed:

"C.R. Smith, the native Texan who helped build American into one of the largest and most-successful airlines in the world, died in

a Washington, D.C. hospital. He was 90.
"Except for military service during World War II, Smith was chief executive of American from 1934 until his appointment by then-President Lyndon B. Johnson as secretary of commerce in 1968.

"'Mr. C.R., as he was known to all, was a giant in an era of aviation pioneers', said

Robert L. Crandall, American's chairman and president. 'The nation has lost a great busi-nessman, the industry has lost a great pioneer and we at American have lost part of our

During World War 2, C.R. was selected by General Hap Arnold, commander of the U.S. Army Air Corps, to help develop the Air Transport Command (ATC), the military airline formed to handle the air transportation needs in all theaters. He once said the experience provided him with additional perspectives when he went from major-general to American's chief executive after the war.

I'd like to close this colum with one of Bob Stevens' poems:

"Contrails race across the sky To show where jets are passing by, Lengthy clouds of curving grace Soon dissolve and leave not a trace; Whither he who made this track, Going where; or coming back from far off place around the Earth, Katmandu, Paree' or Perth, Where others look up to the sky And see the contrails same as I."

Thai Airways International wings are similar to the SAS wings and a result of the financial backing of the former by the latter. These wings, however however, are older and are also silver. In fact, the wing, back plate and screwback are ALL silver and are marked as such. The current Thai wings are gold but as are gold, but with a dif- ferent gold content as they appear somewhat darker.



Crossair of Switzerland is an expanding regional, operating flights in its home country as well as to surrounding nations. The wing is in gold with Polished and nations. The wing is in gold with Polished letters and tail markings. ground is matte gold.



This JU 52 crew wing was acquired by Dr. Charles Quarles at a military auction. As best as we can tell at this time, it is worn by crew members who fly a rect fly at this time, it is worn by crew members windered restored JU 52 for Lufthansa, touring airports and air shows in West Germany and elsewhere in Europe. Photos of a model of the airplane appeared in the CAPTAIN'S LOG, 15/4, thanks to Hector Caboara Triangle is overall silver to Hector Cabezas. This wing is overall silver with a blue center. The LH crane is polished silver. 99





Thai Airways International wings for wear on the Shirt. These wings are goldplated and mounted on a blue background with a pinback. These shirt wings are about 2/3 the size of the full wings.



Mexicana's new wing is a departure from their Mexicana s new wing pattern. All the upper previous "modern" wing pattern. All the upper surfaces of this all-gold wing show quite well in this photograph. The Mexicana logo is in black enamel. The new hat badge is similar to the wing except for a large, detailed wreath that sur-rounds a bigger shield and logo.

REPORT FROM THE FIELD

by JIM "JET" THOMPSON

Since this is the annual pre- nental airline when it inaugu-convention issue and this year's rated New York - Seattle service convention is held in Seattle, I have been asked to cover the host airport, Seattle-Tacoma International Airport (SEA), to the locals better known as

It is the largest commercial airport in the Northwest and a very lovely and interesting one. I have been very interested in it since my first flight in there on 28 JUL 82 on Eastern Air Lines from St. Louis. I'll go back now and bring you up to date and try to cover the highlights of the airport's history.

The airport first opened in 1941 as a small field to handle General Aviation aircraft and was known as Galvin Airport. It gained a lot of business late in 1941 when many Fixed Base Operators (FBOs) and other civilian operators were forced off Boeing Field because of increased military operations. War clouds were gathering and Boeing was building B-17s at a very fast rate. The military had taken over a large portion of Boeing Field.

In 1942 the Port of Seattle voted to build and operate a major new commercial airport in the area. The site chosen was Galvin Airport, 12 mi (18 km) south of Seattle. Ground was officially broken for airport con-struction in 1943 and a year la-ter United Air Lines made the first official landing there with a commercial airliner. The airport did not officially open though until 1947.

Sadly, the first year was marked by a fatal accident. On 30 Nov 47 an Alaska Airlines DC-4 landed too far down the 5,600 ft (1,700 m) runway and ran off the end. The airplane crashed into some obstructions, resulting in the deaths of eight people. Twenty-four others were injured. The two pilots survived the crash and the official cause of the accident was listed as pilot error" because of the

landing too far down the runway.
1947 was the year that most of the major airlines began moving their operations from Boeing Field down the road to SEA-TAC. Northwest Airlines and Western Air Lines were among the first carriers to do so.

Northwest Airlines had become the nation's fourth trans-conti-

on 01 JUN 45. The first flight from Seattle eastward - with a DC-3 - carried 20 returning servicemen and one civilian. original schedule was three flights per day, operating out of Boeing Field. On 01 SEP 46 Northwest began service from Seattle-Tacoma to Anchorage.

Western Air Lines was granted a route extension northward from San Francisco to Portland and Seattle-Tacoma by the CAB on MAY 47 and the airline inaugura-

Seattle -

(Washington)

ted DC-4 service on 01 AUG of that year. This was the first direct service between Southern California and the Pacific Northwest.

Other airlines soon moved to the new airport and in 1948, its first year of opera-tions, SEA-TAC handled 130,549 passengers.

In the years to come, Northwest would make Seattle the main hub for its Pacific services Alaska, Hawaii and the Orient. Service to Tokyo, Seoul, Shanghai and Manilla started on 15 JUL 47 via the USAAF base on

Shemya at the far tip of the Aleutians, the most-western point of the USA On 02 DEC 48 service was inaugurated from Seattle via Portland to Honolulu. In JUN 50 Taipei, the capital of Taiwan, took the place of Shanghai after the Communists had come to power on mainland China.

Initially operating services with the C-54/DC-4, Northwest later put the Boeing 377 Stratocruiser on its Pacific network.

A new administration building was dedicated in 1949 and the first on-site fire department first was established, operated by the airlines.

In 1951 Alaska Airlines (see this issue of the CAPTAIN'S LOG) moved down to SEA-TAC. Up to then Alaska had been operating primarily out of Paine Field up in Everett.

United Air Lines and Continental Airlines started an in-terchange service from Seattle to Tulsa, Oklahoma on 15 SEP 53 with the DC-6B. UAL operated the Seattle - Denver portion of the route via Portland and Salt Lake City, and Continental the portion from Denver to Tulsa via Wichita.

This United-Continental interchange lasted until 01 JUL 67, when Braniff was granted a direct route to Seattle. Continental returned to Seattle on

Northwest Orient Airlines Lockheed L-1049 "Super G" Constellation. Powered by 4 Curtiss-Wright R-3350 'DA-3 Turbo Compound Engines. Shown here at Seattle-Tacoma Intn'l Airport with optional wing tip fuel tanks of 600 U.S. Gallons each. Northwest used its "Connies" for service from Seattle to Hawaii and to the Orient via Anchorage, Alaska.

Photo taken April - 1955 by J. Boyd Ellis



its own after Deregulation in

Braniff Airways and United Air Lines started a once-daily DC-6 interchange service from Houston to Seattle-Tacoma on 27 SEP 53. The route was from Houston to Dallas, Oklahoma City, Denver, Salt Lake City, Boise, Portland and Seattle. Braniff Crews operated between Houston and Denver and United crews between Denver and Seattle. DC-6Bs took over the service on 01 JUL 59. Twice-daily Boeing 720 service started on 10 JAN 65 and the last interchange service was operated on 12 JUN 67. After that date, both airlines went their own ways.

In 1954 the annual passenger Count at SEA-TAC passed the onemillion mark, with 1,048,383 travellers passing through the airport. The following year the Port of Seattle took over res-Ponsibility for the fire depart-

In the late 1950s the terminal building was quickly being outgrown. Plans were drawn up to build a new North Concourse, to be designated the D-concourse. Construction was completed and concourse opened in 1959. SEA-TAC also had its first foreign, overseas airline begin scheduled service when Japan Airlines started services to Tokyo with the DC-7C.

Even with the completion of D-concourse, the terminal was too small. Therefore, shortly after the opening of this con-Course, construction was started on the South concourse, to become known as the A-concourse and completed in 1961.

Scheduled jet service came to SEA-TAC on 01 JUN 60. On that date, Western Airlines began 707 services service to Los Angeles. The aircraft was leased from Boeing and made way for the airline's 720s from JUN 61 on. Other airlines soon followed:

Northwest with twice-weekly DC-8-32 on the Pacific services on 08 JUL 60, increased to four per week same per Week from 31 JUL. The same airline with the Boeing 707 on New York New York - Seattle, 16 SEP 60;

Japan Air Lines with DC-8-32 on the Tokyo-Anchorage-Seattle Service on 02 NOV 60. Alaska Airlines with Convair CV-880 on its "Golden Nugget" age in No Fairbanks and Anchor-

age in Alaska, 30 AUG 61;

* Pacific Northern Airlines
With Design Control Seattle With Boeing 720 on the Seattle -Anchorage service, 27 APR 62; * Pan American was granted non

stop Seattle-Fairbanks author-Boeing 707-321 on the route.

The jets reduced the travel time between Seattle and Anchorage from the six to seven hours for the DC-6A and Constellation, to just three hours.

The introduction of the jets A-concourse even more of a necessity. The new concourse, opened in 1961 also helped accommodate the crowds traveling to Seattle for the 1962 World's Fair. SEA-TAC handled 2,000,299 passengers that year.

Things remained pretty much the same until 1966 when construction started on what was to become B-concourse. The number of passengers had continued to grow and the additional faciligrow and the additional facilities were needed. Construction was completed in 1967 and the airport saw 3,853,607 passengers pass through that year.

With all the additional passengers passing through and more gates being added to handle more flights, it was only natural more runway capacity became the more runway capacity became the next priority for expansion. In 1968 a new runway was built. Known as 16R-34L, it runs paral-Known as 16K-34L, it runs parallel to and to the west of the existing runway 16-34. It is 9,450 ft (2,880 m) long. The old runway now became 16L-34R. B-concourse was also completed in 1968.

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As if this wasn't stop Seattle-Fallbanks and placed its construction started in the same \$90-million expansion program that would take several years to compete.

By 1970 the Airport Freeway The introduction of the new link was completed. This road made the completion of a connects SEA-TAC with Interstate 5. Part of the \$90-million expansion plan called for the construction of two satellite gate facilities. These were dedicated in 1973 and are connected to the main terminal by an underground transit system. One of these two satellites is to the north of the ramp area and is used by United Air Lines, the other is to the south for use by Northwest Airlines (see map photograph).

> During 1973, approximately 5.2 million passengers used the airport.

In 1975 SEA-TAC was presented with the FAA's National Beauti-fication Award and in 1976 the Port of Seattle Commission and King County, in which the air-port is located, adopted the recommendations of the SEA-TAC/ Communities Plan to acquire land surrounding the airport to reduce the impact of aircraft noise on the community. This was the first airport planning ef-fort in the country to succeed with such a plan. For



achievement, the airport was TAC are: Air BC, British Airsented SEA-TAC with the Aviation Environment Award for the SEA-TAC Park Plan. Under this plan, gates, of which 60 are equipped 420 acres of land at the airport's north end are designated as park land.

Meanwhile, more and more international services were added. An enlarged U.S. Customs area was completed in 1982 at a cost of \$1.7 million. A \$7-million expansion of the south satellite gate facility was completed in 1983, offering an in-transit lounge, duty-free shop and four new international arrival gates. In 1983, 10,141,737 passengers were handled.

The year 1984 saw 26 major airlines serving SEA-TAC. This was a tremendous increase from the 12 that were serving the airport before airline deregulation in 1978. New carriers (some now gone because of deregulation!) included Pacific Southwest, AirCal, TWA, Frontier, Delta and American, among others.

The following year the Port of Seattle Commission adopted a master plan update for the airport, which would guide the long -term development. In the same year the commission also adopted an updated Noise Remedy Program, costing \$140 million. It would expand the land surrounding the airport and help pay for noise insulation of nearby houses. The plan also helps those in the most-affected areas to sell their houses if they so desire.

Another terminal expansion, at the north end, was completed in 1987. It added more ticket counter space, offices and baggage handling facilities, public waiting areas and concessions. 14,445,282 passengers used the airport that year. But since the present facilities are designed to handle 20 million passengers, there is still a way to go before the saturation point is reached.

At the end of 1989, SEA-TAC was rated the 23rd airport in the USA in terms of passenger volume. It is 14th in the USA and 25th in the world in terms of air cargo and handled 277,000 metric tons of cargo in 1988.

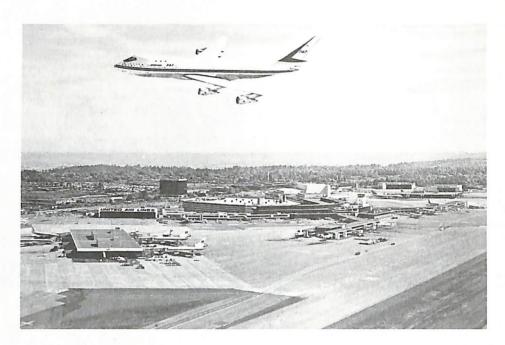
At the time of writing (early 1989) 21 airlines are serving SEA-TAC. Included are eight international passenger carriers and six commuters, plus several charter airlines.

Foreign carriers serving SEA-

awarded the American Planning ways, Finnair, Japan Air Lines, Association Honor in 1978. Mexicana, Canadian Airlines In-Finally, in 1980 the FAA pre- ternational, SAS and Thai Airways International.

The airport has 65 aircraft with loading bridges.

For PHOTOGRAPHY at and location map of SEA-TAC, see next page



Seattle-Tacoma is the largest and busiest airport in the Pacific Northwest.

(Above) Majestic Mount Rainier in the background of this ramp and terminal view of SEA-TAC is real, but the prototype of the Boeing 747 in this card is obviously a montage.

(Below) View looking west, with Puget Sound in the background. The airport's two satellite terminals are linked to the main terminal by an automated underground rail system running every two minutes. (These and the NW Super Constellation postcard from the JET Thompson collection.)

> Seattle - Jacoma International Airport



PHOTOGRAPHY AT SEA-TAC

Photography at SEA-TAC good from several locations. The View from the parking garage is Very limited and of little use, except for overall views of the airport.

From inside the terminal, the best location is in the B-con-Course. Gates B5 and B7 are the better ones to photograph from. This location puts you out next to the taxiway for aircraft going down to take off from runway 34R. From this point you can usually get the United and Alaska aircraft as they taxi past. If they are landing on 16L or 16R you guite often get them as they exit the runway to taxi back to the gate. If landings are on 34R you can get the Northwest, Delta, American, USAir, Horizon and some commuter aircraft as they taxi past you to their gates. If they are taking off from 16L or 16R you can get them as they taxi out.

The one big drawback about this area is that most of the Windows are tinted, so you must allow for this. There are a few that are not and they will be available subject to aircraft Parked at that particular gate or not.

C-concourse is almost as good but there are fewer good windows to shoot from. Both these locations are good only for morning Photography.

There is one other location on this side of the airport to photograph from and that is by Walking north to the end of the terminal and down an embankment onto one of the approach roads. This puts you near an apron and You can get some shots of the United fleet and some of the Alaska aircraft taxiing nearby.

If the aircraft are using runways 16L and 16R for landing, you can get some nice approach shots of aircraft on runway 16L from the following location: Take the N.E. Perimeter Way north to South 156th Way. Turn left and after passing under the elevated approach lights for runway 16L there is a small service road off to the right just before you get to the approach lights for runway 16R. You can turn off here, park and get some good approach shots for aircraft on 16L.

For another location, continue on down the road passing under the approach lights for runway 16R. Turn left at the first permissible location, 121st Avenue South. Travel down this hilly road about a mile and at the top of a dip you will find a gate on the left side, marked

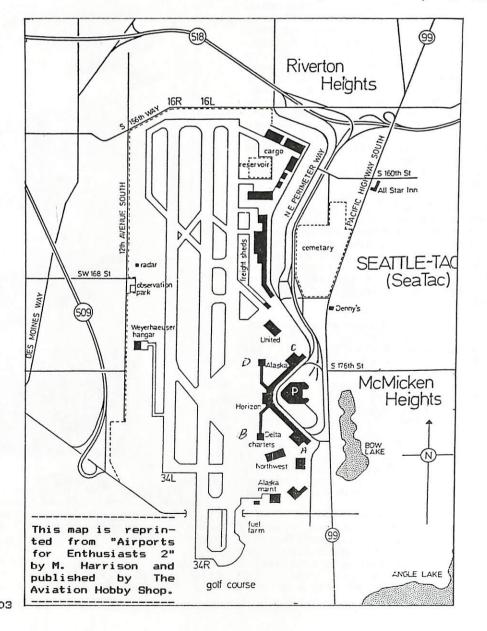
Viewpoint Park. This leads to a parking lot against the western edge of the field. From here it is possible to photograph aircraft taking off from runway 16R/34L, but you will need a telephoto lens in the range of 200-300 mm to obtain any good photos. This location is best in the afternoon. Aircraft on runway 16L/34R are a bit too far away for any good photos.

I hope these directions will help you get some great photos at SEA-TAC during your stay at the convention.

I would like to thank the following people and publications for their help in putting together the information for this report:

Marlys St. Laurent, Airport Communications Officer for Sea- TAIN'S LOG, Vol.12 No.2, SEP 86.

ttle-Tacoma Int'l Airport; Joop Gerritsma, Editor of the "Captain's Log"; the airline history books on Braniff, United and Western Air Lines by George W. Cearley, Jr.; "The Douglas DC-6 and DC-7 Series" by John A. Whittle; "The McDonnell Douglas DC-8" by John A Whittle, H.J. Nash and Harry Sievers; "A Pictorial History of Pan American World Airways" by P. St.John Turner; "The Alaska Airlines Story" by Archie Satterfield; Piedmont Airlines Takeoff and Landing Performance Data Manual; "Airports for Enthusiasts - 2" by M. Harrison; "Continental Airlines, The first fifty years 1934-1984" by R.E.G. Davies; "Flight to the Top" by Kenneth D. Ruble; Northwest Orient" by Bill Yenne; and finally, "Report from the Field, Boeing Field" by Jim "JET" Thompson in the CAP-



BARBARA FREEMAN sent this copy of a paper stick-on (#1). The color is off-white with the wing outlined in dark green. It is from bankrupt Emerald Air. Fig.2 > Barbara said they started out as a freight carrier and went back and forth between operating charters and scheduled services.

The LTU kiddie wing (#2) came from Hector Cabezas of Frankfurt, West-Germany. The small letters "LTU" make it different Fig.3 > from the others of this airline that I have in my collection. The difference is quite noticeable. The airline had its name in large letters on the first issue. The second issue's letters were smaller because by then it used the name "LTU LTS". Fig.4 > Now the third issue comes along, without the "LTS", but still with the small letters. An interesting evolution of the three different types from this West-German airline.

KEN TAYLOR of Calgary, Alberta, Canada, sent along this promo of Pacific Western Airlines. It is a cute badge, given out to children, but I think it is outside our definition of kiddie wings. Thanks for sending along the information anyway, Ken.

Then I found an item in the top drawer of my desk. This "Wings and Wheels" pin (#3) has the city name of Santee, S.C. on the bottom. As I remember, there was a Wings and Wheels museum in Fig.6 > the Orlando, Florida area that went out of business some years ago. If one of our members in or near Santee could please check the local telephone book and check out the existence of this particular Wings and Wheels for us, I can pass on the informa-

Last, but not least, I made a trade with BILL GAWCHIK, our erstwhile PanAm collector, who sent me these four miscellaneous

Fig.5 >

11" (#5), a TV station in upstate New York.

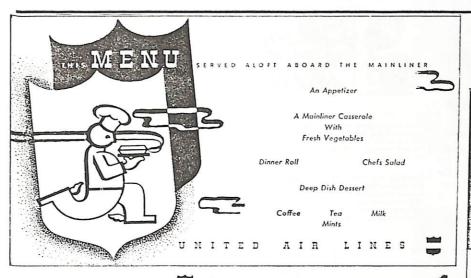
The last one took a bit of wings. Two are from radio sta- doing to get it in the LOG. It tions: KZEW 98 FM (#4) and KOGO is a COKE kiddle wing. I got it Seattle and Happy Collecting.

tion about this pin in the next Traffic/Copter. The third one is from Bill, but the young fifin the form of a stylized brand- teen-year-old who lives in this ing iron which is really "Sky house collects Coke items. Guess what - it took a threat of life or death before I got my kiddie

That's it folks. See you in

POST CARD CORNER

by WILLIAM DEMAREST



With its constantly expanding fleet of four-engined Mainliners, United Air Lines is providing increasingly frequent intercity and coast-to-coast schedules for the convenience of air travelers.

Once again it is time for us any interesting examto gather from all corners of ples to add, please the earth and talk our common send me a photocopy. language - Airline - at the 1990 Airliners International Convention. This year we are fortunate to be meeting in Seattle because You never know what most of the new postcards out today are of Boeing's finest the 737, 747, 757 and 767.

I urge you all to drop me a note or send me a photocopy of any new airline-issue postcards you find. Please note my new address as shown on the inside front cover. If we all work together, I can inform the world about any new postcard issues in our midst.

This issue's "Golden Oldies" section contains a mixture of everything. I am also showing three Alaska Airlines cards, in keeping with the theme of this issue.Enjoy!

Do you realize that not all airline-issue postcards feature aircraft? Over the years, United Air Lines has published a number of colorful menu postcards. A few are shown here. Wardair issued a combination menu and inaugural flight postcard for their second DC-10. In future issues I intend to feature art postcards from the airlines and a selection of Pan American flying boat postcards. If you have

I'm off searching for more postcards. you might find at flea markets and antique shows.

Happy Hunting!

Copper Skillet breakfast, served aloft, is an exclusive feature of

United Air Lines, the "extra care" airline,

YOUR BREAKFAST MENU FROM THE Copper Skillet

This menu prepared in United Air Lines Flight Kitchen at Los Angeles, Carl Stuebinger, Chef.

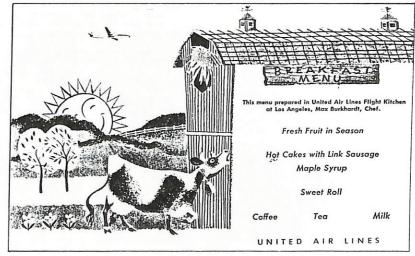
Chilled Fruit in Season

Cheese Omelette Broiled Tenderloin Steak, Ham or Link Sausage

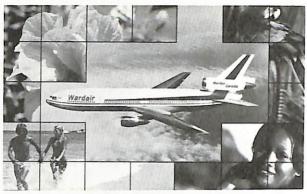
UNITED AIR LINES



One of the many reasons why so many experienced travellers prefer to fly United is the finest meals aloft, prepared and served in the "famous Mainliner Manner.



UNITED AIR LINES STROUTEROF



(Above): Front of Wardair menu card. This part can be torn off and mailed as a regular postcard. (Right): Explanation in two languages on outside of the other part of the card. (Far right): Menu as printed inside. Note aircraft registration CG-XRB. This is wrong and should have been C-GXRB.



The preparation of Wardair's inflight meals is carefully supervised by our own highly trained catering staff.
This is to ensure that all inflight meals meet Wardair's standard of excellence. Pictured above is just one of these delicious meals.

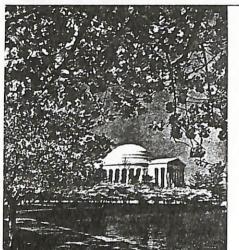
La préparation des repas servis à bord des avions Wardair se sait l'étroite surveillance de nos propres traiteurs, des spécialistes en la matière. Ainsi, nous sommes certains que tous les repas sont conformes aux normes d'excellence de Wardair. La photo ci-dessus

Friday December 15,1978 Inaugural Flight over Beautiful British Columbia Wardair's Second DC-10 The Punch Dickins Canadian Registration CG-XRB

Thampagne Breakfast

Champagne Broiled Beef Tenderloin Cheese Omelette set on Ham Slices Grilled Tomato Melba Toast Dound Coffee Tea





Menu

This menu prepared in United Air Lines Flight Kitchen at Chicago Midway Airport, Eugene Ertle, Chef.

Genoa Cone and Ripe Olive

Filet Mignon à la Bouchere Duchesse Potato French Cut String Beans

> Poppy Seed Roll Salad Marguerite Curry Dressing

Profiterale au Chocolat

Tea

UNITED AIR LINES



Fragrant Japanese cherry blossoms frame the Jefferson Memorial in Washington, D.C. Whether you are going for sight-seeing or business, you will enjoy flying United to the Capital.

YOUR MAIL THIS CARD BY AIR ONLY 4c

SPEED

Jefferson Memorial card += one of a series of United menu cards. Other scenes include:



Nothing is more beautiful than fall in New England. United Air Lines links this section of the country with the Midwest, the West, All the Pacific Coast and Hawaii.



Scenic Maroon Bells, near Aspen, Colorado. United offers frequent daily Mainliner service between Denver, gateway to the Rockies, and all the Pacific Coast, Hawaii, Chicago and all the East.

PLEASE AFFIX STAMP

STEWARDESS WILL MAIL

CARD CODE KEY: ab - seen from above bl - seen from below cc - combi card co - Continental size dr - drawing/art.impr.
fl - facing left

fr - facing right
gr - on the ground
if - in flight

il - in the landing ls - large size

ly - long view ml - model nc - new colors oc - old colors

ow - on water to - taking off wb - white border

AIRLINE ISSUES

Aer Lingus 737-400 above coast, co fr if Air France A320 co fl if on front Air Safaris Cessna 207A in front of

mountain, co fr if Nomad co fl if AirSur MD-83 co fl gr America West 747-200B co fl if Ansett 737-300 with flight data on reverse, co fl if

Avianca 747+767+707+727-100 cc co Braathen's SAFE 737-400 above mountains Cargosur DC-8-62F co fl il co fr if China Airlines A300 fl if ls A300+747-200+747SP gr fr ls 747-200 fr if ls 747-400 ft if ls

Condor 737-300 co fr if DC-10-30 above clouds, fl if nc Delta L-1011, fr if (Same shot as ear-lier issue, but enhanced photograph and new Delta letters on reverse)

DLT Fokker 50 nose view with control tower, co fl gr lv Fok 50 nose view in sunset, co fr gr Finnair MD-11, MD-83, DC-9-50, ATR 42

airline combi card, co
airline combi card, co
German Wings MD-83 (D-AGWA) co fr if
MD-83 nose view with truck
Hapag-Lloyd A310 co fl if ab co fr gr
Isles of Scilly Skybus B-N Islander co

Korean Air 747-400 head on, ab co fr if Lloyd Aero Boliviano 727-200 fl if LTE 757-200 bl fl if to

757-200 nose of aircr. on beach co

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757-200 co fl gr 757-200 cockpit view, co 757-200 left engine+3 flight att. co LTU 757-200 over mountains, co fl if wb Malev 737-200 co fl if

737-200 co fr to TU-134 co fr nc to TU-154 co nc fr gr Nortjet 737-400 co fl if il

Odyssey Int'l 757-200 co fl if SATA Air Acores BAe748 co dr fl if Singapore 747-400 into sunset, dr fl if Tarom 707-320F nose view, fr gr Viva Air 737-300 co fl if 737-300, over coastline co fl if lv

With special thanks to: Albert Bacallado, William Thomas Fain, Randy Lieberman, Rick Neyland, Josef Schmitt Jr., Vladimir Vokalek, Allan Van Wickler

COMMERCIAL PUBLISHERS

AVIMAGE 80 Kar-Air ATR-72 (also airline issue) 81 Northwest Airlines A320-211 82 JAT Yugoslav RomBac One-Eleven 561RC 83 Key Air DC-10-10 84 Skystar International 707-321B 85 Asiana Airlines 737-4Y0 86 Nortjet 737-4Y0 87 Air Seychelles 707-324C

DENNIS PRODUCTIONS C.079663L Manx Airlines ATP C.079664L Air UK Fokker F.27-200 C.079665L Novair DC-10-10 C.079666L AeroSpacelines 3776GT Guppy C.079667L Air Europe Fokker 100.

The Odyssey begins from the moment you step aboard one of our new advanced Boeing 757s, with twin Rolls-Royce engines for the quietest ride in the skies. And it continues with our commitment to a high level of personalized in-flight service.

With an All-Canadian team of experienced airline professionals. With the finest food, With total consistency. And with a dedication to getting our passengers to their destinations safe, relaxed and on time, every time.

Begin the Odyssey with Canada's "soon-to-be" premiere holiday airline . . . Odyssey International. The Odyssey

Photos:

Odyssey

C-FNBC

Ansett

VH-CZ

Cargos

EC-21

\irSur

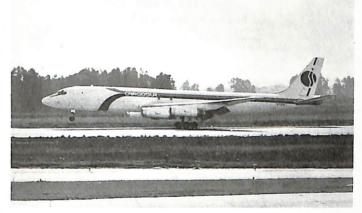
EC-EC 1alev

HA-LCI

has ended and Odyssey International is now a "has been' rather than a "soonto-be" airline. It declared bankruptcy in the Spring. ++++

The Odyssey begins here.





AIRSUR MD-83

EDITIONS P.I. 604 Air Europe 737-400 605 Alitalia/AT ATR-42

610 Heavy Lift CL-44-J 611 Adria Airways A320

618 Cubana IL-62M 619 Icelandair 737-400

615 Kuwait Airways 767-200

621 Air Bremen Saab SF-340 622 Aer Lingus 737-400

625 Aerogare sud de Paris-Orly

(All cards are Continental size) Aero Spacelines Guppy 201 fr gr

624 Ju-Air JU-52/3m G4F

Aeroflot TU-104 fl il TU-144 if to

Air Holland 757-200 fl il

Antillana DC-8-62 fr gr

Aeronica AN-32 fl gr

616 Royal Brunei 757-200 617 UTA/Aeromaritime 747-300

612 Varig 747-300

613 Air Malta 720 614 Aeroflot IL-86

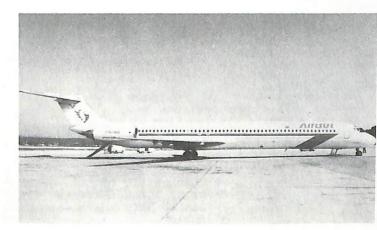
620 Egyptair A300

623 TAROM IL-62M

ENRICO NICCOLINI

606 Pam Am A310-300 607 Lufthansa 737-200 608 Malaysia Airlines DC-10-30

609 Northwest Airlines DC-10-40



Boeing 737-300.



A MALÉV TU-154 típusú repülőgépe Foto: Toth Beis MALEV's TU-154 aircraft







POST (NWA)

You'll thrill at the power and amazing speed of these modern, postwar twin-engine Martin luxury liners. Every new feature of comfort, convenience and performance is included. Built-in loading steps, reversible pitch propellers, soft, reclining seats, modern equipped galley, and large "picture" windows are just a few of the things you'll like about travelling Northwest Martins on short fast routes from Coast to Coast.

Oldies

Please address,

stamp, and return

to stewardess who

Golden Vuele a Miami via TAN Airlines en los Super-Curtiss de Primera Clase — con tarifas más bajas — ahorre dinero — compre más — goce de más tiempo.



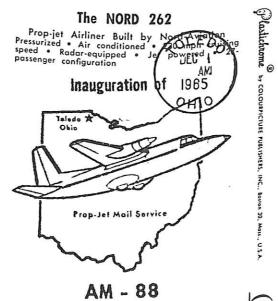
PASSENGER AIRMAIL Service Service CLEVELAND

WICHITA TULSA OKLAHOMA CITY WICHITA FALLS FORT WORT!!

(Left) This card of a Universal Fokker F.10 carries a onecent postage stamp, picturing Benjamin Franklin. Card was mailed at Berea, Ohio on 18 JUL 30.

Photos this page: Northwest Martin 2-0-2 N93051, F/n 551, c/n 9136. TAN Honduras Curtiss C-46 XH-TND, either C-46A c/n 30452 or C-46D c/n 30452. No identification shown on the Universal F.10 and the Lake Central Nord





LAKE CENTRAL AIRLINES CORRECTION: The Allegheny DC-9 in POSTCARD CORNER, p.15 of our previous issue, is a SRS.14 (leased before the Srs.30 arrived) and not a Srs.30 as printed in error. Our

> MR. DEMAREST'S "GOLDEN OLDIES" CARDS OF ALASKA AIRLINES ARE PUBLISHED WITH THAT ARTICLE IN THIS ISSUE THIS ISSUE

ATI Italy F.27 fl gr
Avio Ligure YAK-40 fl gr
Caledonian L-1011 fr gr
CPAir 727-100, 2 737-300, fl gr
Cubana AN-26 fl gr
Dan-Air London BAe 146 (blue&white clrs)
Egyptair IL-62M fl il
Hawaiian Air Dash-7 fr gr
Institute Geographique National Boeing
Partnair CV-580 fr gr
SAM Italy Caravelle 6N fl gr
Saudia L-100 Hercules fl gr

FLIGHTDECK
36 Air Canada 767-233ER
37 Manx Airlines BAe 146-100
38 Air Hong Kong 707-321C
39 Singapore Airl. Boeing 747-412
40 Adria Airways A320
41 Hot Air Viscount B13
42 Suckling Airways Do-228-200
43 Air Columbus 727-2J4RE

(This aircraft has been re-engined)

(This aircraft has been re-engined (This aircraft has been re-engined (This aircraft has been re-engined ELITE-LINE QUALITY SERIES

1 LOT polish Airlines 767-25D

2 Malev Hungary/TNT BAe 146-200QT

3 Challenge Air Cargo DC-8-63F

4 Haiti Trans Air 727-247

5 Air Ontario F-28-1000

6 Kabo Air 727-25

7 National Air Charters DC-8-63F

9 Naganagani 707-336C

10 Katale Aero Transport DC-8-55F

11 Heavylift 707-351C

12 ZAS Airline of Egypt A300B4

14 Air Djibouti DC-9-32

15 Calm Air BAe748-257

17 Calm Air BAe748-257

18 Air Manitoba HS 748-264

20 Northland Air DC-3C

19 Nunasi Northland DC-3C

11 TNT/Malmo Aviation F.27-600

22 Air Bremen SF-340A

23 American Airlines CV-640 (painted for Sound Adventures Air Serv. DHC-6-200 outside the U.S. For those of us who are in-

HELIO BASTOS SALMON

(New publisher from Rio de Janeiro)

VASP 727-100 cargo jet, co il fr

DC-3, co fr gr

PLANE VIEWS

(All card numbers prefaced PV-)

Ola United Expr./Presidential Dash-8-301

Ola United Express/Air Midwest SF-340A

Ola Allegheny Comm./Air Kentucky EMB 110

Canada Connector/Air Ontario

Canada Connector/Air Ontario

Ola Northwest Airlink/Express AL SF-340A

United Express/Air Wisconsin BAE

Ola United Express/Air Wisconsin ATP

United Express/Air Wisconsin BAe
United Express/Air Wisconsin ATP
United Express/Westair SD-360
Merrican Eagle/Simmons SD-360
American Eagle/Command SD-330-200
AA Eagle/Executive Air CASA 212
Pan Am Express/Resort Commuter DHC-7
Lake Union DHC-6 Twin Otter

AIR CARDS

LINER CARDS

SKYL INER CARDS
051 Air Gabon Fokker 100
052 Air Gurope Fokker 100
053 Luxair Fokker 50
054 Air Congo Fokker F.27

Air Congo Fokker 50

Air Congo Fokker F.27

THE AVIATION HOBBY SHOP

134 Malev TU-154B-2

135 TEA Boeing 737-3MB

137 Nais Air A300B4

138 British Midland Viscount 813

140 Lufthansa A310

141 Turkish Airles DC-10-10

142 Nigeria Airways A310

Long Air Congo Fokker F.27

Long Authority Shop Airways A310

Long Air Congo Fokker F.27

Long Airways A310

Unknown private publisher
(CP POSTCARDS?)
Air Hong Kong 707-321C
Air Zimbabwe BAe 146-200

Sultan Air 737-200 THY Turlish Airl. 727-2F2 Adv., nc TUR Turlish European 727-76

BOOKCASE



A PICTURE POSTCARD HISTORY OF U.S. AVIATION

Author: Jack Lengenfelder. <u>Publisher</u>: Almar Press, 4105 Marietta Drive, Binghampton, Marietta Drive, Binghampton, N.Y. 13903, USA. Price: In U.S. \$12.95 plus \$2 postage and handling; \$12.95 plus \$4.50 postage & handling

terested in airline postcards, this is a small sample of what has been issued over the years. It is one collector's selection, reproduced in black & white. Too bad the postcards could not reproduced in color, but this would have been a very expensive proposition, as 217 cards are illustrated. Cards from the earlitustrated. Cards from the early 1900s (Wright brothers reproductions) to the 1980s are shown. Although this is only a small selection from the many small selection from the many thousands of airline, military, airship, restored and other cards that have been printed and reprinted over the years, at least it is a representative gathering of postcards in one volume. This may not have been attempted before.

The author's bibliography of books shows that he has done A 37 books shows that he has done a thorough research job, with of few errors in the text. I note only that he confuses Capital only that he confuses Mid-Contitional Airways, calls Mid-Continent Airlines "Mid-Continent "Bin-Nillines", and Dinner Key "Bin-Nillines", otherwise it is a delight to follow the history of light to follow the history of l U.S. aviation through the years with the very informative text that goes with each card shown. About two-thirds of the cards pictured are historical or compictured are historical or compercial, the rest are military. The author's relative value inthe value of this book will the value of this book will be determined by how it will be determined by the hundreds of WAHS received by the hundreds.

airline postcard collectors. Review by Don Thomas

++++

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CATALOG OF AIRLINE BAGGAGE I.D. LABELS, Vol.1: USA and Canada

Author & Publisher: Herman Van Dyk, 7 Birchwood Avenue, Peabody, MA 01960, USA, 1990. 8.5 x 11 in (21 x 27 cm), 47 pages. Price: \$11 plus postage (USA &

class, foreign \$5 air mail, \$3 surface mail). This 46-page catalog by Herman Van Dyk is a very-well done and illustrated listing of the Canadian RILs on the U.S. and airlines to date. The 177 illus-

Canada \$3 first class, \$2

trations are clear and their presentation is well organized. 226 different airlines are represented.

A unique feature is the index, which will make the catalog well-worth its price. This index can be photocopied and sent to

other collectors with indications which BILs are available for trading, or which ones the collector already possesses. It collector already possesses. It is more up-to-date than the Air Transport Label Catalog, the volumes of which are updated every five years. The North American section is not due for an update until 1992.

This catalog is a boon to the collector of BILs, which are available from most airlines. To a large extent they have re-placed the airlines' other bag-gage and promotional labels in North America. With this catalog in hand, the collector can inexpensively gather a representative collection of BILs, most of which carry the logo of the airlines that issued them.

Publishing a catalog such as this one is an expensive and time-consuming operation, and the author is to be congratulated for taking on this monumental task.

Herman would be grateful for Herman would be glaceful for receiving any new BILs, especi-from foreign (non-North ally from foreign (non-North American) airlines that do not fly to the U.S., so that they may be included in a future volume, which is now being considered. Review by Don Thomas

AIRLINE DINNERWARE

by RICHARD W. LUCKIN

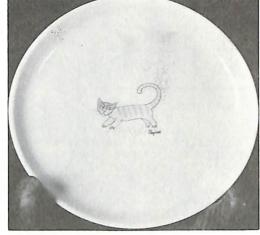


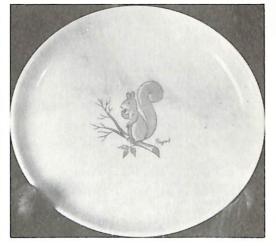


THIS COLUMN: This Northwest Airlines cup goes back a few years. The design is in brown and wraps around the cup.

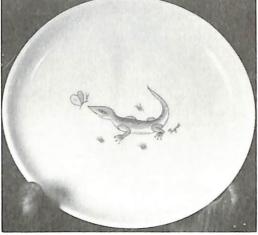


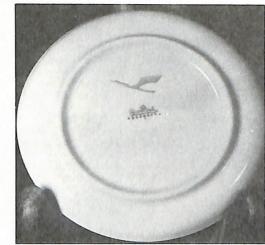








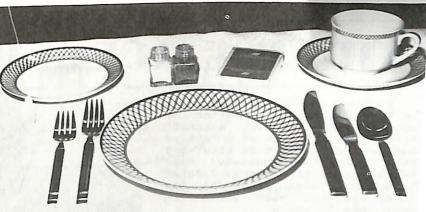




(ABOVE) Lufthansa has a series of small plates featuring a different animal on each plate. Does anyone know how and where these plates were used. Or, were they perhaps sold as gift items? Comments anyone?

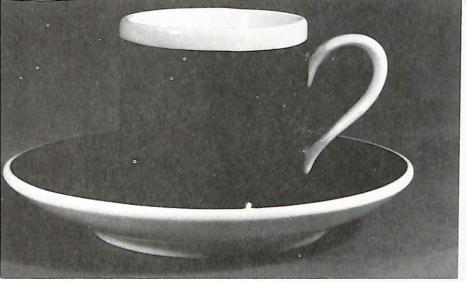


Hall China of East Liverpool, Ohio, in 1989 supplied china to USAir. The logo is in gold and the back of each piece has "US AIR" depressed into the ware itself. It is rumored the airline will be ordering china with their new logo on it. I will keep you posted.



United Airlines has been using a special china for their First Class passengers on the Pacific service. Delicate and light in weight, it has a silver design. A raised United logo decorates the flatware, which is similar in weight to the heavy silver

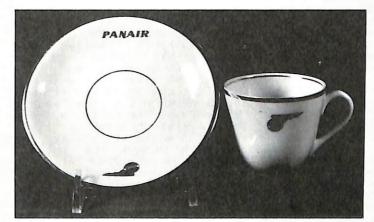
used on the railroads.



Most people have seen only the tall black and white cups marked Braniff, but there might have been an entire china service in this design. This photo may be evidence of this. The cup and saucer, marked Braniff, were supplied by ABCO of New York.



Here is a little different design of the BOAC ashtray. This one was made in England by Wade Regicor. The world on the rim is outlined in yellow while the lettering is white.



Panair china has a logo similar to that used years ago on PAA. China design is cobalt blue. I would really appreciate some information on this pattern, such as when and where it was used, and any other details you may be able to share.



I know the U.S. Army Air Forces are not an airline, but I still thought this is an interesting set. This demi cup-and-saucer set is decorated in bright gold on an ivory china. It was made by GRACE China - USA.

AIRLINEMODELING

by GERRY COLE

I recently had the opportunity to purchase a collection of more than 700 unbuilt aircraft kits from the widow of an active modeler. Most of these kits had been stored in an unheated barn for at least five years. Judging from the release dates of the kits, many had been there for more than 20 years.

Here in the Northeast of the USA, where I live, yearly temperature extremes in the barn probably ranged from below 0 to above 90 degrees Fahrenheit (-20 to +35 degrees Celsius). Some kits had been resting directly on the bare ground, which is usually very damp in the Spring. Some of these boxes were covered with a black film of mildew and most kits had been stored without any shrink wrap or other protection from the elements.

This raises some questions, the answers to which are of interest to all modelers: Were these kits still buildable? What was the condition of the decals? If a modeler invests in kits today, even though they won't be built for years to come, will they survive extended storage?

They say a plastic bag survives from 25 to 30 years in a landfill, causing concern among environmentalists. Even the kits in my purchased collection, that had been stored in harsh conditions, looked like new once the mildew had been removed.

The decals, on the other hand, were in sad shape. They had needed much more care if they had been meant to survive.

Fluctuations in moisture and temperatures cause decals to crack, something you may not notice until you place the sheet in water.

The solution to this problem is to apply a coat of Micro Superfilm. Brushed over the clear decal film area, this thin and flexible coating holds the cracked decal pieces together.

Decals will yellow over time, more so with some than with others. Exposure to sunlight will often eliminate this problem. I place the yellowed decal in a plastic bag and tape it to the inside of a window that faces the sun. A couple of weeks of exposure, even during our dark Northeastern winters, is usually sufficient. Once applied to the model and sealed from the outyellowing doesn't usually reappear.



Aspen CV-589 (N5815) has black tail titles and "815" fleet number in front of forward passenger door. (Gerry Cole photo)

a discoloration that starts at Airfix and Hobby Craft kits. the edge of the decal and advances toward the center. I have Rareliners Frontier and Scale Master BWIA and Air West decals. decal from its paper.

For storage, I suggest you keep your models at a constant table, they will be too. If extended storage is likely, place bag to minimize humidity fluctuations. I have been placing boxed kits inside large corrugated cardboard boxes to keep them free of dust, using a computer filing system to keep track of the contents of each box. If I don't build them, I am confident my grandchildren will.

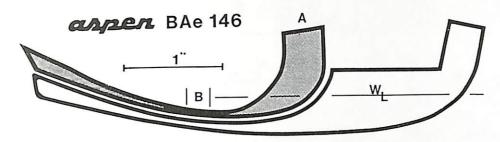
Flight Designs, 1075 SW Murray Road, Suite 205, Portland, OR 97229-5501, have been very busy producing decals for the 1/72 scale models of Canadian bush and commuter aircraft, and just in time for modelers to see the real thing while at the Air- and \$4 respectively. liners International 1990 convention in Seattle. The latest sheets include a DHC-2 Beaver MY FAVORITE AIRLINE with Trans Provincial markings, a Beaver with Pacific Western colors, a PWA Noorduyn Norseman side air by a clear topcoat, the and a Trans-Provincial DHC-3 Otter. All these aircraft have

There is one decal storage blue decals will provide the problem, however, that I have modeler with alternative livernot been able to solve. This is ies for the excellent Matchbox,

The modeler of smaller scales seen it primarily on the old has not been forgotten by Flight Designs. They have started to do the new colors of the USAir The mystery process makes it al- fleet. First to come are sheets most impossible to remove the for the Boeing 737-200 to -400 models and available in both 1/144 and 1/200 scales. Vertical tail and fuselage stripes are provided, along with titles, temperature. If you are comfor- flags and door frame decals. You can make you favorite registration from the number block prodecals in an airtight freezer vided. Cabin and cockpit windows are available from AA/ATP.

The second pair of decals features the new Northwest livery applied to the DC-9 and MD-80. The sheets allow you to build a DC-9-14, -15, -30 and -50 or an MD-80. Sample registrations are listed on the instruction sheet for each type. The blue fuselage stripe is provided for the MD-80 and it must be cut down to fit the shorter DC-9 models. Jim Childs suggests Model Master Gunship Gray lightened with white or lighter gray for the fuselage mid section. Your choice of 1/144 or 1/200scale sheets are available at \$5

I suppose every modeler has his or her favorite airline and possibly each of us makes that choice for different reasons. As a lover of Colorado, its mounfloats. These red, white and tains, football team and narrow-



B G.COLE 4/21/90

gauge railroads, my favorite airline is Aspen. It has taken some time, but Aspen Airlines has arrived in its multi-color glory in 1/144 scale. Flight Designs have now four Aspen decals available, featuring the Convair 580 in green/light green, blue/ light blue, brown/tan & orange/ Yellow markings. The first three sheets sell for \$4, the larger Orange/yellow sheet for \$4.50. Black cabin and cockpit windows are provided, along with door edge markings. The decal sheets are available direct from Flight Designs. Both the decals and the matching CV-580 kit may be Ordered from Sasquatch Scale Models, Box 68735, Portland, OR 97267. The CV-580 kit, without decals, sells for \$14. When ordering from Sasquatch, include \$1.60 postage for the kit. No decal postage is charged when they are ordered with their

The Flight Designs orange/yellow Aspen sheet also contains extra titles, tail and nose logos to allow somewhat more-ad-Venturous modelers to make an Aspen BAe 146-100 from the Welsh or Sasquatch kits. The modeler may modify the Convair stripes, by Flight Designs or from clear model the Aspen fleet, look up using blocks of solid-color decal provided on the sheet, or propriate colors. The template the 1987 "Those Magnificent mask and paint the BAe 146 may also help you cut tape or Planes" calendar. Note that by stripes. To aid in either ap- Frisket paper masking prior to 1985 even the blue and orange/ proach, I have included a template for the markings. These are reproduced here in their full-size scale. To aid in positioning, I have indicated the center of the window line (WL) and the edges of the right-side door (B). The shaded area is tire top center section of the yellow, the unshaded portion is orange. I suggest making four decaled orange, leaving a white 146 window decals as sheet Copies of the artwork and gluing stripe across the fuselage at AD5075 for \$1. each of them to a piece of thin the trailing edge of the wing. Cardboard. Carefully cut half Aspen's 146s featured white wing way around the outside of each and horizontal stabilizer sec- signs? More USAir sheets, probcolor section, top of the yellow tions with bare metal leading ably for the DC-9/MD-80, and on one sheet, bottom of the yel- edges, elevators and ailerons. low on the second sheet, etc. Additional painting instructions or DHC Dash-8. There is even the These four templates may then be are included in the Flight De- possibility of decals for the used to cut the stripe areas signs instruction sheet. If you Alaska Airlines Boeing 737 and

Template for applying the Aspen colors to the Welch or Sasquatch BAe 146 kits. Template is printed here at 100% size. (Below) "the real thing", an Aspen BAe 146 (N461AP) taxies for (Gerry Cole photo)



painting your own stripes.

Please note that these temness of the dorsal fin, the template may need to be extended in area (A). In addition, the enwing will need to be painted or

decal sheet to airbrush the ap- Ronald C. Hill's July photo in yellow Aspen Convairs with the "older" gray and white fuselage plates are intended only as a color scheme were sporting black guide. Depending on the thick- Aspen titles on their tail aspen leaves. Wasn't it nice of Flight Designs to include that extra title on the decal sheet? Many thanks, Jim and Dean. By the way, AA/ATP now offer black BAe

What is next for Flight Demore decals for the Shorts 360 from either the decals provided should need some inspiration to MD-80, perhaps even Seahawk I.





Gene Jacobi's A300 in 1/200 scale. Note pylon and nose details in the lower photo

EASTERN AIRBUS PROJECT

Eugene Jacobi of Tuscaloosa, AL, built the 1/200 scale A300 from the Hasegawa TDA kit, and has been kind enough to share the details of this decal project with us. He wanted to finish an Eastern A300 model in the all-gray fuselage scheme with white outlines around the Eastern titles. ATP sheet 200AD16. designed for the Lockheed L-1011 and DC-10, supplied the narrow hockey stick stripes, titles, flags, registration numbers and fleet numbers. Decals for the windshield, windows, doors and the small A300 fuselage logos came from the ATP200AD07 sheet for A300 windows. Bare metal scrubpanels where the stabilizer meets the fuselage were from the kit decals. GE engine decals came from the Hasegawa Delta 767 sheet, with the nose anti-glare panel from the Hasegawa Thai A300 decal sheet.

After painting the fuselage pearl gray, Gene started decal application from the black windshield. It was necessary to cut it into four pieces to make it fit. The same procedure was necessary for the silver frames. The blue stripes for the fuselage were applied starting at the tail, using the L-1011 fin stripes and curved sections. He then applied the ATP L-1011 & DC-10 fuselage cheat line. The nose presented a special problem due to differences in aircraft

imate position, slicing with a sharp knife as required to get the dark blue/white pinstripe downward slope correct. The lighter blue area was cut from the DC-10 nose decal, aligning the top edge with the lower windshield edge. The remainder of the nose was decaled like a jigsaw puzzle with about 30 pieces of scrapdecal, using a sharp knife and lots of decal setting solution. The black radome tip was punched from a black decal with a Waldron punch, likewise applied with lots of setting solution and decal slicing.

Once the stripes were dry, windows and gray door frames from the ATP window sheet were applied. When dry, portions of the gray door frames were covered with white ones from a MicroScale 707 decal sheet. Door information placards were made from rectangles of light-blue decal sheet, with words supplied by tiny, unreadable text from a MicroScale 1/72 scale Panther/ Cougar data sheet. The registration numbers were pieced together from the blocks supplied on the ATP Eastern sheet.

Gene has also used decals to detail the A300 engine pylons. He placed frosted tape over the pylons of a spare kit, burnishing with a soft pencil to transfer the raised panel lines to the tape. The tape was then reshapes. The L-1011 nose decal moved, placed on clear decals Keep your model photos and letwas first applied to the approx- sheet and the pylon panels cut

through the tape and the decal film (not the paper, just the clear film). With the frosted tape still in place, the circular access panels were punched from the decal with a Waldron punch set. The tape was then removed, and the decal sheet sprayed with Testor Metalizer dark anodic gray. The custom pylon decals were buffed slightly, coated with Future floor wax to seal the finish, and applied to the pylons. Additional circular panels were punched from clear decal sheet sprayed with Metalizer aluminum plate, sealed and applied. This process is much easier than trying to mask the pylons. When all the decals were dry, the pylons were given a final coat of Future to seal the decals into place.

Gene notes that the Waldron punch set is a marvelous tool. He uses it to cut masking circles in tape by first applying the tape to a sheet of scrap styrene sheet. The punches may also be used to eliminate the clear decal film around the GE logo engine decals, film that would otherwise show on the polished metal finished surface.

NEW MODELS FOR 1990 Clint Groves notes in the AA/ ATP catalog that pressure from the "B" company has forced Welsh Models to drop plans for a 1/144scale 737-300 and -400. Revell's 1990 catalog shows a 1/144 scale 747 in Thai markings and photos have appeared in Japanese magazines of the Hasegawa 1/200 scale DC-10 in both Japan Air Services and new-colors Japan Air Lines markings.

At the Earl's Court 1990 show in the U.K., Matchbox announced a 1/200 scale 737-300 with American and Iberia markings, along with a 747 in the same scale with British Airways and Aer Lingus decals. A built-up BA 747 was on display, so that seems like a fairly sure thing. Matchbox also announced a 1/390 scale 747 with BA/Air Canada decals and 1/320 scale DC-10 in Iberia/ KIM livery.

Revell should re-release the FW-200 Condor sometime in 1990, with markings for Lufthansa and Danish Air Lines. I hope the molds will be revised to correct the errors in the original kit.

On the quickie-built front, Wooster plans to introduce 1/200 scale A320, DC-10, BAe 146 and Saab 340 models.

DEPARTURE LOUNGE

The next colum will hopefully include the photos from the AI 90 model contest in Seattle. ters coming.

MEETINGS & CONVENTIONS

The CAPTAIN'S LOG has been advised of the following airline hobby events taking place:



21-23 JUN 90 (Thurs-Sat) SEATTLE, WA, USA.

AIRLINERS INTERNATIONAL '90. Red Lion Hotel, Sea-Tac, 18740 Pacific Highway South, Seattle, WA 98188, Ph. (206) 246-8500, Rooms \$78/night for 1-4 people from 18 thru 25 JUN. Trade, buy sell airline memorabilia of all kinds. Tours Of Boeing 747/767 assembly complex, Seum of Flight, Alaska Airlines, Sea-Tac ramp tour. Scenic flights over Mt. St. Helens on Horizon Air Dash B available. If you haven't received your registra-tion package in the mail yet, write to: Airliners International, P.O.Box 1164, Clackamas, OR 97015, USA.



14-15 JUL 90 (Sat-Sun) DENVER, CO

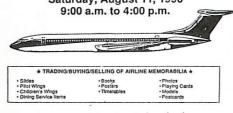
Transfair, a total transportation show featuring airline, railroad, steamship and motor coach memorabilia.

Located at I-70 and Brighton Blvd., Denver, CO. For info send a #10 SSAE to: N.R.H.S., Dept. CL, P.O.Box 5181,

17-22 JUL 90 (Tue-Sun) MIAMI, FL

IPMS/USA National convention at the Miami Convention Center, Hyatt Regency Hotel downtown. Room rates \$70/night for up to four people per room. Tours of Homestead AFB. Other aviation/convention attractions: Weeks Air Museum (military aircraft WW1 to WW2 period, Orange Blossom Hobbies shop, Convention beer blast sponsored by Canadian IPMS. For more details: IPMS Nationals 1990 Committee, 13211 SW 44th Street, Miami, FL 33175.

Midwest Airline Expo Minneapolis Saturday, August 11, 1990



11 AUG 90 (Saturday) MINNEAPOLIS, MN

Midwest Airline Expo, 0900 - 1400 hrs. Trading, buying, selling of Airline memorabilia. Comfort Inn, 1321 East 78th

St., Bloomington, MN 55425, Ph. (612) 854-3400, Rooms \$34/day + tax, for room reserv. (800) 228-2000. Hotel shuttle to airport. As a show feature, Jack Butz will be displaying a portion of his personal collection of airline memorabilia. Adm. \$3 at the door, Ch. under 12 free. Display tables (incl. 2 adult adm.) \$18. Table reserv. Rita Runyon, 901 Main St., Hopkins, MN 55343, Ph. (612) 435-8927, Info. Bill Rosenbloom, (612) 372-5411 (days only).

<u>Heetings & Conventions</u> is a free listing service for anyone organizing airliner mini-conventions, slide shows, airliner model contests, swap meets etc. Items for M&C must be received by the following deadlines to qualify for

For JAN-MAR meetings - 15 OCT APR-JUN meetings - 01 FEB JUL-SEP meetings - 01 MAY OCT-DEC meetings - 01 AUG

Items must include name and address of the event contact person and/or the sponsoring organization. Inclusion of contact telephone number is advised, but is at your own discretion. Event logos may be published on a space available basis.

Items will be included in all issues of the LOG expected to be published before the event date. The earlier we receive your notice, the more issues it will appear in and the more exposure it

Send your M&C items to the Editor, Joop Gerritsma, P.O. Box 776, WELLAND, Ont., Canada, L3B 5R5, or if time is short, call him at (416) 735-1036.
For inclusion of flyers in the LOG, contact Paul Collins.

OB SEP 90 (Saturday) NEWARK. NJ

Tri-State Airline Historical Society Airliners Northeast convention. 0900 - 1700 hrs at Vista Newark Airport Vista Hotel, 1170 Spring St., Elizabeth NJ 07201, Ph. (201)- 351-3900. Rooms \$65 s/d weekend rate. Free shuttle bus between terminal and hotel. Adm. \$4 at door (ch. under 12 free), tables \$20, wall tables \$25 (2 adult adm, with each table rental). Info: Bill Gawchik (914) 965-3010 or Bill Hough (212) 689-3936. Table reservations: Bill Gawchik, 88 Clarendon Avenue, Yonkers, NY 10701



15 SEP 90 (Saturday) ATLANTA, GA

Airliner Expo Atlanta'90, North America's largest one-day airliner show, 0900 - 1700 hrs. Model contest; trading, buying, selling; slide shows; door prizes; displays; trivia contest. Sheraton Atlanta Airport Hotel, 1325 Virginia Ave, Atlanta, GA 30337. Ph (404) 768-6660. Admission \$3 at door, child under 12 free, tables \$18 (includes 2 adult adm). Call toll free 1-800-325- 3535 for convention room rate of \$55s, \$60d (regular rate will be quoted, convention rate is given on check-in). Free airport shuttle. For more info & table reservations. call Bryant Petitt (404) 292-6969 (days) or John Joiner (404) 487- 3732 (nights), or write Bryant Petitt, P.O. Box 634 Clarkston, GA 30021



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Los Angeles Airliner Xpo. "North America's Largest One-Day Airline Show and
Sale, 0900-1700 hrs. Models, books, photos, slides, timetables, baggage labels, collectibles - buy, sell, trade. General admission \$4, display tables \$30, payable to Dekker/Williams Enterprises. At: Hacienda Hotel at LAX, 525 North Sepul-Hacienda Hotel at LAX, 525 North Sepulveda Blvd., El Segundo, CA 90245, USA, Ph. (213) 615-0015. Special Room rates available. For info and table reservations; Tim Williams, (213) 598-4033 or John Dekker, (714) 841-4446, or write: LA Airliner Xpo, P.O. Box 820, Seal Beach, CA 90740-0920, USA.



BAY AREA AIRLINE HISTORICAL SOCIETY

14 OCT 90 (TENTATIVE DATE) (Saturday) BURLINGAME, CA.

Airline collectibles show & sale by Bay Area Airline-Historical Society. Shera-ton Airport Hotel, 1177 Airport Blvd, Burlingame CA. Adm. \$3, children under 12 (with parent) free. Hotel room rates \$55/night. Reservations (415) 342-9200. More info: Tom Dragges (415) 574-8111.

JUN or JUL 91 (dates to be confirmed)
ORLANDO, FL

Airliners International Convention AI'90 Don and Linda Levine & Southern Florida Airline Historical Society are hosts. More details at AI'90 in Seattle, WA.

Every last Tuesday of the month (except DEC and the AI convention month).
DENVER, CO

Colorado Airliners International Aspen AW/United Express VIP Lounge, Stapleton Airp. 7 p.m. Meetings. Speakers, films, trading & more on the program. For info write: CAI, P.O. Box 440713, AURORA, CO, USA 80044-0713. Note: Once or twice a year the meeting is held on a day other than the last Tuesday of the month. Make sure you check with the CAI folks BEFORE you make travel and hotel reservations.



....from the left hand seat....
by
Paul F. Collins

Here it is July and Airliners Int'l 90 is now history. I hope that each and everyone one of you that attended had a super time. I will look for-florida. A real BIG hand to Jon and Jay for all the work and effort that they put forth for our the various committees that made everything on so smoothly. Fine job all around!

so smoothly. Fine job all around!

A number of things have been going on since the hast issue of the LGG. By now most of you should have received a letter from me with regards to the financial standing of the Society due to the fact that several hundred 1989 subscribers decided not revenue for 1990. We had two different directions of the next three issues of the LOG down to about cash flow before the last issue of the LOG down to about cash flow before the last issue of the LOG was to permitted. How could we increase the LOG was to permitted. How could we increase the Cash flow? Syears of membership at the current rate of \$15 and almost rest assured that the renewal fee for per year. With postage rates going up in 1991, you be increased and eight year period, you could expect the rates to more years. Also with a life membership you would thinking was to staying with us for a "few" shop roster-it would be a good bargin newal in on time to be listed in the annual member-for those planning on staying with us for a "few" shop roster-it would be automatic! A secon suggestion. This would getting you would to worry anymore about getting you would to worry anymore about getting your rescriptions of the LOG for local public and school ber of new members for the Society to be discreased the annual member-it would be automatic! A secon suggestion. This would be a good bargin newal in on time to be listed in the annual member-scriptions of the LOG for local public and school ber of new members of the Society to secon suggestion. This would be a good bargin newal in on time to be discret way to let the public and copy to you. How and we will gladly forward a copy to you.

We certainly would like to see many of you to be copy to you.

We certainly would like to see many of you take library program. With the library offer, when you send a card will be sent to the library indicating that

you have provided the library with a gift subscription to the CAPTAIN'S LOG. At this time, the life membershop offer is limited to Society members in the U.S. This is necessary because something will have to be worked out with regards to the postage that most members living outside the U.S. must pay to receive their LOGS. If you have any questions on this matter, please contact Society HQ.

In the last issue of the LOG, in this column, I ask for your opinion on the roster and was it worth the effort and cost to print. I was somewhat surprised by the number of you that took the time to express your thoughts on the subject. Of the some 30 letters received, all indicated that the roster was a very important part of their membership in the Society. This was the way it was intended to be. Several of those writing in did suggest that a list be made of those that actually wanted and used the roster to somewhat cut down on the overhead. I believe that all members are intitled to a copy of the roster. However, if a number of members do not want to receive a copy of the roster, some type of reduced mailing could be set up. Perhaps on the renewal sheets that you send in with your check a box could be provided for you to check off your check a box could be provided for you to check off yes or no on receiving the roster. Will have more on the time to write in, your opinions do count!

You will note that there is some additional advertisements in this issue of the LOG. I was impressed by ithe number of full page ads sent in for this issue. I the number of full page ads sent in for this issue. I have been sending out a number of letters to potential have been sending out a number of letters to potential have been sending out a number of letters to potential have been sending out a number of letters to potential have been sending out a number of letters to potential have been sending out a number of letters to potential have see a product or service that you believe would be of see a product or service that you believe would be of see a product or service that you believe would it and interest to Society members, let me know about it and interest to Society members, let me know about it and interest to Society members, let me know about it and interest to Society members, let me know about it and interest to Society members, let me know about it are interest. I will try to get that company or individual to see the ise in the LOG. Eventually I would like to see the revenue generated from advertising pay for the color revenue generated from advertising pay for the color cover that Mr. Gerritsma wants so badly!

The deal with the magazine distributor in New York has not come about as planned but things of this efforts take time to establish. I will continue with my areas to have copies of the LOG distributed to various of the country. The overhead on such a project as this will be high, so we don't want to go to this will we can see what the overall cost will be fast until we can see what the overall cost will to the Society. More on this as things progress.

Since I am writing this editorial prior to going to Airliners Int'l 90, I am sure that there will be several topics talked about at our annual Society business meeting as well as the convention business the meeting also. As mentioned in the last issue of the LOG there needs to be something done about topic well of mini-conventions now being held. This topic well best be handled at the Society business meeting. Should also need to decide once and for all, if the WAHS also need to decide once and for all, if the publication only. All topics that are presented at the and convention bussiness meetings will be presented in the next issue of the LOG.

This just about covers what I had since the sugissue of the LOG. If you have any questions or call gestions about the Society, please feel free to write. Until next time...happy collecting!

Paul

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American	DC-3	15"	115.00	United	DC-3	15"	115.00	American	B-767	13"	75.00	
American	DC-6-B	20"	165.00	United	DC-6-B	20"	165.00	American	DC-10	13"	115.00	
American	Electra	17"	140.00	United Express	ATR-42	11"	100.00	American	DC-3	71/2"	50.00	
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Continental Express	Embraer-120	10"	75.00	Central States	Jetstream	12"	110.00	Cargolux	B-747-200	17"	130.00	
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Delta	DC-3	15"	115.00	Ontario Express	Jetstream	12"	110.00	Eastern	B-757	10"	75.00	
Delta	DC-6	20	165.00	Piedmont	Jetstream	12"	110.00	Eastern	Electra	9"	60.00	
Eastern	Electra	17"	140.00	TWA	Jetstream	12"	110.00	Eastern	L-1049 Connie	12"	60.00	
Eastern	L-749 Connie	21"	165.00	United Express	Jetstream	12"	110.00	Federal Express	B-727-200	9.,	60.00	
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Northwest	B-377 S. Cruiser	24"	150.00	Cargosur	DC-8-62	171/2"	150.00	Northwest	B-377 S. Cruiser	11"	60.00	
Northwest	DC-3	15"	115.00	Delta	CV-880	14"	135.00	Northwest	Electra	9"	60.00	
Northwest	Electra	17"	140.00	Federal Express	B-727-200	13"	120.00	Pan Am	B-377 S. Cruiser	11"	60.00	
Northwest	M-404	16"	125.00	Federal Express	DC-10	19"	165.00	Pan Am	DC-6-B	10"	60.00	
Pacific Alaska	Lodestar	11"	95.00	Federal Express	MD-11	20"	165.00	Piedmont	B-727-100 Old	9"	60.00	
Pan Am	B-314 D. Clipper	25"	250.00	Horizon Air	F-28	10"	75.00	Piedmont	B-727-100 New	9"	60.00	
Pan Am	B-377 S. Cruiser	24"	150.00	Midwest Express	DC-9-30	11"	95.00	Piedmont	B-737-300	8"	60.00	
Pan Am	China Clipper	21"	205.00	Northeast	CV-880	14"	135.00	Piedmont	B-767ER	13"	75.00	
Pan Am	DC-3	15"	115.00	Piedmont	B-727-200	13"	120.00	Piedmont	DC-3	71/2"	50.00	
Pan Am	S-40	19"	315.00	Piedmont	B-737-300	11"	120.00	Purolator	B-727-100	9"	60.00	
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Pan Am	S-43	14"	95.00	Piedmont	F-28-4000	10"	75.00	Southern Air	L-100-30	10"	60.00	
	Dash 7	16"	110.00			10"	75.00	Southern	DC-3	10	60.00	
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Piedmont	Dash 8		110.00	TWA	CV-880		135.00	Southern	M-404	8''	55.00	
Piedmont	DC-3	15"	115.00	USAir	B-727-200	13"	120.00	Southwest	B-737-300	8"	60.00	
Piedmont	F-227	17"	125.00	USAir	B-737-300	11"	120.00	Southwest	Shamu	8"	60.00	
Piedmont	M-404	16"	125.00	USAir	B-737-400	11"	120.00	TWA	DC-3	71/2"	50.00	
Piedmont	YS-11	17"	125.00	USAir	B-767-ER	18"	155.00	TWA	L-1049 Connie	12"	60.00	
Republic	CV-580	15"	125.00	USAir	BAE 146	10"	100.00	TWA	L-1649 Connie	12"	60.00	
Sky West	Embraer-123	10"	75.00	USAir	DC-9-30	11"	95.00	TWA	L-749 Connie	10"	60.00	
Southern Air	L-100-30	18"	130.00	USAir	F-100	10"	110.00	TWA	M-404	8"	55.00	
Southern	DC-3	15"	115.00	USAir	F-28-4000	10"	75.00	United	B-377 S. Cruiser	11"	60.00	
Southern	M-404	16"	125.00	USAir	MD-80	13"	110.00	United	CV-340	9"	55.00	
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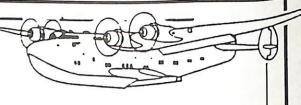
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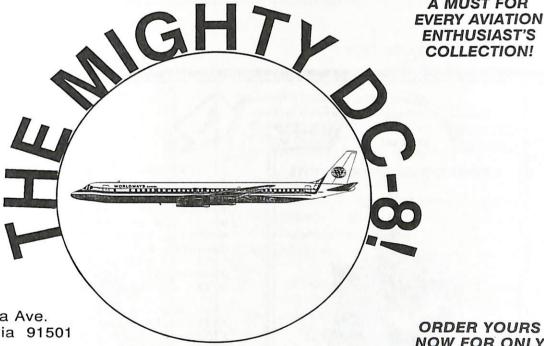
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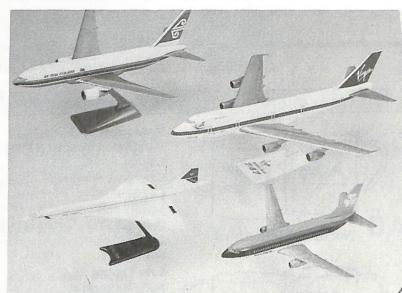
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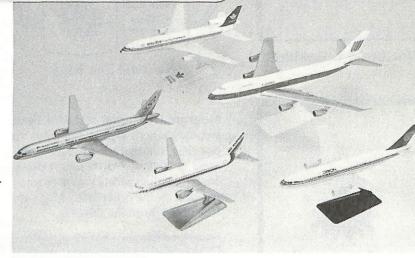


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