International aviation is of vital importance to the economy of our State. Every air route enhances and strengthens our economy by creating greater opportunities for tourism, new markets for the export of Hawaiian agricultural and other products, and the availability of meaningful jobs. In turn, Honolulu International Airport is of vital importance to international aviation. It is imperative that international facilities at the Airport be as comfortable, convenient, and efficient as possible for the international passenger and our export industries.

To provide these facilities at the Airport, the State Department of Transportation has adopted plans for a new International Terminal Complex. As can be seen from the summaries in this brochure, this new Complex will not only improve existing facilities, but will provide a true Aloha welcome to all our international guests and business travelers.

John Waihee

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PACIFIC GATEWAY TO THE UNITED STATES
HONOLULU INTERNATIONAL AIRPORT
Honolulu, Hawaii

Honolulu International Airport is the premier international gateway to the United States from Pacific countries. Hawaii is the favored destination of Japan's "10 Million Program" and half of all Japanese travelers to the United States use Hawaii as their gateway. This trend is expected to continue, with significant increases in Japanese visitors to Hawaii throughout the decade.

To maintain Hawaii's position in the world tourism market, the Governor's Task Force on International Aviation and the State Department of Transportation supported the bilateral talks between the United States and Japan and have succeeded in obtaining six new air routes between Japan and Hawaii. In addition, new air service from other Asian countries and Australia has been added and efforts are under way to promote new air service from European and South American nations.

With these accomplishments, the Department of Transportation has embarked on an ambitious program to improve international terminal facilities at the Airport. The new International Terminal Complex is the principal element of the program.
We are working closely with the airlines and other Airport tenants to provide the State of Hawaii with the best international airport in the nation.

We have a number of consultants assisting us. KPMG Peat Marwick is providing airport and terminal planning expertise. Under the management of Park Engineering, the joint venture of Leo A. Daly and Sam Chang, Architect, assisted by Okita Kunimitsu & Associates, is providing architectural expertise. The firms of R.M. Sato, H.T. Miyamoto, R.H. Murayama, and R.N.S. Ho are providing site and engineering expertise and Hawaii Design Associates is providing landscape design services. Pacific Planning & Engineering, with Lea+Elliott, is managing the design and construction of APM facilities and M&E Pacific is managing the design of airfield improvements.

The accomplishments of these firms will become visible as the new International Terminal Complex is completed.

Edward Y. Hirata
Director, State of Hawaii
Department of Transportation

INTERNATIONAL PASSENGERS

In 1990, there were 6.9 million visitors to Hawaii. About 2.6 million visitors were international passengers requiring federal inspection at the Airport, including 1.8 million passengers from Pacific countries. Despite the Persian Gulf war, early statistics indicate that the number of international passengers at the Airport in 1991 will at least equal the number in 1990. This large number of international passengers is expected to continue, ranking Honolulu International Airport as the fourth busiest gateway in the nation, following only New York, Miami, and Los Angeles.

ECONOMIC IMPACT

In addition to the expenditures of international visitors to Hawaii, Airport and airline operations also contribute considerably to the State’s economy and employment. In 1989, the total economic contribution of Airport-related activities, both on and off the Airport, was more than $2.9 billion. Airport-related activities provided 52,000 jobs and $1.2 billion in local wages and salaries.

Based on forecasts of future Airport and airline activities, Airport-related impacts are estimated to increase to $4.3 billion by the year 2010.
The Capital Improvements Program developed for Honolulu International Airport by the Department of Transportation will provide first-class facilities for all residents of and visitors to Hawaii.

The Capital Improvements Program includes several airfield projects designed to make it easier for aircraft to land and arrive more quickly at the terminal buildings. The Program also includes improvements to the public roadways and parking, specialized facilities for passengers traveling in tour groups, and air-conditioning, signage, and other building systems. However, the major portion of the current Capital Improvements Program consists of new passenger terminal and concourse facilities. In addition to the International Terminal Complex and the new automated people-mover system described in this brochure, the Department of Transportation will soon be opening a new Interisland Terminal and an extension of the aircraft boarding areas in the Ewa Concourse.
INTERNATIONAL TERMINAL COMPLEX

The new International Terminal Complex will be built on a 43-acre site next to the existing Overseas Terminal. Programming and conceptual planning for the new complex were completed in August 1990. Architectural and engineering design is scheduled to be completed in December 1991. The federal inspection facilities in the new International Terminal are scheduled to open in late 1994. The remaining facilities will open within the following year.

International Terminal. Over 1.5 million square feet of floor area in the four-story International Terminal will be dedicated to providing a true Aloha welcome to our international visitors. The terminal will accommodate international ticketing facilities, baggage claim, tour group facilities, and federal agency inspections in spacious halls surrounded by Hawaiian landscaping. Local musicians will entertain and Airport staff will offer refreshments to passengers awaiting federal inspection.

International Tour Group Facilities. Tour group facilities for arriving international passengers will be located directly across the roadway from the exits of the federal inspection area at the lower level. These specialized facilities will provide extensive areas for baggage handling, lei greeting, and photography prior to boarding of tour buses. For the convenience of departing international passengers, separate tour group facilities will also be located at the entrances to the International Ticketing Lobby, near the airline check-in counters.
Concourse Extension. The existing Diamond Head Concourse will be extended to provide seven additional aircraft parking positions. International passengers arriving at these new parking positions will be able to walk directly to the federal inspection areas in the International Terminal. Facilities in the concourse extension have been designed with passenger convenience as a top priority to ensure that international passengers begin their visit to Hawaii in a first-class style.

Automated People Mover (APM) System. The International Terminal will be connected to the other passenger terminals in the Airport terminal area by a state-of-the-art people mover system. Comfortable and modern vehicles will whisk international passengers arriving at concourses distant from the International Terminal directly to the International Terminal. Passengers transferring from the International Terminal to other facilities at the Airport will be transported by vehicles that stop at each station every 90 seconds.

Air Cargo and APM Maintenance. A new air cargo complex and an APM maintenance facility will be built at the northern boundary of the International Terminal Complex, along Ualena Street. The air cargo complex will provide over 500,000 square feet of floor area for airline cargo and industrial and commercial tenant operations. The APM facility will accommodate the maintenance and control functions of the APM system. The facility will also accommodate the maintenance functions of the Wiki-Wiki bus system that will serve passengers on the public roadways in the Airport terminal area.

Roadways and Parking. New two-level public roadways will connect the International Terminal with the other terminal buildings and the H-1 Freeway. The lower-level roadway will serve arriving international passengers and the upper-level roadway will serve departing international passengers. Public parking for international passengers will be provided at the Diamond Head end of the International Terminal.
In addition to the new International Terminal Complex, the Department of Transportation is also designing an extension to the existing Ewa Concourse to accommodate three additional gates. The extension will be completed in mid-1993. Currently under construction is a new Interisland Terminal. The two lower levels of the terminal will provide ticketing and baggage claim facilities for the interisland airlines. The upper levels will be used for the APM system and public parking. The new Interisland Terminal is scheduled to open in late 1992.

Improvements to existing terminal facilities are also being designed to accommodate the changes in their use brought about by the APM system and the other projects. These improvements include remodeling of the Overseas Terminal, extensions of the roadway system, and construction of new lei stands and a theme garden. These additional improvements are all scheduled to be completed by late 1994.
International passengers arriving at the Diamond Head Concourse and its extension will enter secure foyers immediately upon leaving the aircraft. These foyers will be located at each aircraft gate to separate arriving international passengers from the general population in the Concourse, as required by federal regulations. The Concourse has been designed to provide arriving international passengers with direct and convenient paths to the federal inspection facilities in the International Terminal or the intransit lounges at the third level of the Concourse.

Within each foyer, escalators, elevators, and stairs will lead directly to the third level of the Concourse for access to the International Terminal or intransit lounges.

Each foyer will be designed to convey a traditional Aloha welcome and will be spacious and "open air" in appearance, with particular emphasis on the use of Hawaiian landscaping.
International passengers arriving at concourses distant from the International Terminal will be transported directly to the International Terminal by the APM system. Four-car trains will be assigned to each arriving flight to ensure that passengers are transported to the International Terminal without delay. The APM stations dedicated to serving arriving international passengers will be located on the third level of the concourses at convenient distances from all aircraft gates. The stations will be spacious and designed with tropical landscaping to reflect Hawaii’s natural beauty.

Upon arriving at one of the two APM stations serving the International Terminal, passengers will enter bridges between the International Terminal and the new extension to the Diamond Head Concourse. At these bridges, passengers from the APM system will join passengers walking from the Concourse, and will proceed directly to the federal inspection facilities in the International Terminal.
Arriving international passengers will enter the federal inspection facilities in the International Terminal at one of three entrance halls, amidst a Hawaiian landscaped setting with seating and other amenities for passengers needing to complete or arrange their travel documents. Each entrance hall will be decorated with local artwork and musicians will entertain passengers with Hawaiian music.

Beyond the entrance halls, arriving international passengers will first stop at one of 120 stations available for representatives of the U.S. Immigration and Naturalization and the U.S. Public Health agencies to inspect their travel documents. After their travel documents are inspected, passengers will claim their baggage and, if requested by federal agents, proceed to one of 90 inspection stations provided for the U.S. Customs and U.S. Department of Agriculture agencies. If no request is made, passengers will leave the federal inspection facilities directly.
The international baggage claim area, located at the ground level of the new International Terminal, will consist of four interconnected lobbies with spacious atriums and natural light streaming through geometrically designed skylights.

Fifteen high-capacity baggage claim devices will permit easy retrieval of arriving baggage. For passenger convenience, free baggage carts will be located at each baggage claim device. Occasional seating will also be provided for passengers wishing to rest while others in their party claim their baggage.

To further ensure passenger convenience, static and electronic signage will be provided. Also, International Passenger Coordinators, staff of the State Visitor Information Program, and representatives of the international airlines will be stationed throughout the international arrivals area to assist passengers with any questions or difficulties that might arise.
The International Terminal will be served by a two-level roadway system extending from the existing roadway system at the Overseas Terminal and connecting directly with the H-1 Freeway.

As at the Overseas Terminal, the upper-level roadway will provide six traffic lanes. A central median will separate the three traffic lanes serving the curbside functions of the International Terminal from the three outer lanes serving Airport through-traffic and the curbside functions of commercial users of the International Terminal.

The lower-level roadway will also provide six traffic lanes and be divided by a central median. The inner three traffic lanes will provide vehicular access to arriving international passengers exiting the federal inspection facilities. The outer three lanes will serve Airport through-traffic and the curbside functions of car rental and other courtesy vans, taxicabs, and limousines.
TOUR GROUP ARRIVALS AREA

An attractive tour group area for arriving international passengers will be provided adjacent to the new International Terminal. Passengers will access the area from the federal inspection facilities by a spacious, centrally located passageway beneath the lower-level roadway. Large elevators and moving ramps will assist passengers with the descent to and ascent from the passageway.

Upon reaching the tour group area, passengers will first check their baggage with their tour operators in an open-air lobby. At an adjacent assembly area, passengers will be greeted with leis and briefed by their tour operators and may, if desired, be photographed in the Hawaiian gardens designed especially for that purpose. Dressing rooms and refreshment stands in the assembly area will permit passengers to begin their Hawaii visit comfortably. Having completed the check-in formalities, passengers will board their tour buses from the lobby adjacent to the assembly area.
The International Ticketing Lobby will be at the second level of the new International Terminal. As in the existing Overseas Terminal, airline check-in counters will be arranged in “islands” along the center of the lobby. Passengers will approach them directly from the curbside areas of the second-level roadway. Traditional ticket counters will be provided at the rear of the Ticketing Lobby for passengers wishing other airline services. The ticketing facilities in the new International Terminal will be used by the airlines choosing to relocate their operations from the existing Overseas Terminal.

The International Ticketing Lobby will be designed with comfort and convenience as top priorities. Throughout the air-conditioned lobby, natural daylight and vistas of the Koolau Mountains will be provided. Shops selling flowers and packaged foods will be located at the center of the Lobby. Clear signs and graphics will also be provided to ensure that circulation patterns are easily understood.
SHOPPING COURT

Retail shops for departing international passengers will be available in the Shopping Court located at the second level, in the center of the new International Terminal. Passengers departing from the new International Terminal will enter the Shopping Court directly from the Ticketing Lobby. Passengers checking in at other terminal facilities will enter the Shopping Court from the adjacent APM stations.

Over 50,000 square feet of floor area in the various shops will permit passengers to leisurely browse through the many items available for sale in the duty free shop and the other retail shops dedicated to news and sundry items, jewelry, flowers, and local products. In addition, food and beverage facilities will provide a variety of American and foreign menus in several settings, including banquet rooms. Passengers will also enjoy the various gardens provided in the Shopping Court and the services provided in the airline clubrooms at the mezzanine level.
APM MAINTENANCE FACILITY

All maintenance and system-control functions for the APM system and the Airport Wiki-Wiki bus system will be located at a facility adjacent to the new Air Cargo Complex. APM vehicles will travel from the terminal complex to the maintenance facility on elevated guideways extending from the International Terminal. Ground-level service roads will connect the facility with the primary roadways of the terminal complex served by the Wiki-Wiki system.

The maintenance facility will be a four-story structure accommodating Wiki-Wiki maintenance operations at the ground level, employee parking at the second and third levels, and APM maintenance and system-control functions at the fourth level.

High vehicle-servicing bays, vehicle wash-racks, and equipment storage areas will provide for the maintenance necessary to ensure complete system reliability and the highest level of service to all users.
To meet the increasing demand for air cargo and commercial facilities at the Airport, a new Air Cargo Complex will be built on property immediately north of the new International Terminal. The Complex will consist of six stories encompassing more than 500,000 square feet of floor area. Air cargo operations will be accommodated at the ground level. The upper levels will provide space for industrial and commercial tenants and public parking. The initial construction phase of the Complex will be completed by late 1992 and will provide three of the ultimate five bays of the facility.

Docks and parking stalls for trucks serving the air cargo operations will be provided along the entire landside of the Complex. Vehicular access to the upper levels will be provided at the ends of the Complex. On the airside, an aircraft apron capable of accommodating up to two B-747 cargo aircraft will be provided. Cargo staging, storage, and work areas will also be provided at the aircraft apron.