

ENGINEERS FORESEE LARGE AIR TRAFFIC GROWTH AT MIAMI

Air traffic saturation at Miami International Airport can be delayed six to eight years by removing military operations, and can be delayed until 1970 by removing military and transition flights. This conclusion is drawn by the Rader Engineering Corporation in a recently completed air traffic and port development survey made for the Dade County Port Authority and projecting 30 years into the future.

The survey, which points out that Miami is the nation's first port of entry for international air passengers, is based on Miami area population trends, present and prospective tourist travel, development of local commerce and industry, and application of these same expansion factors in Latin America.

Air traffic survey predictions for Miami International Airport include that:

1. By 1980 there will be 60 enplaned passengers per 100 population, with estimate based on CAA's 1948 figures that the national average air traffic amounts to 30 enplaned passengers per 100 population and anticipating a Pullman-rail travel decline.
2. By 1960 1,799,000 domestic passengers will use Miami International Airport; by 1970 2,689,000, and by 1980 3,753,000.
3. By 1955 more than 2,000,000 annual air passengers will be handled, with 3,000,000 by 1965.
4. By 1955 more than 200,000,000 pounds of air cargo will be handled per year and probably one billion by 1965.

Other predictions state that more than 10,000,000 airmail pounds will be handled annually, going to 20,000,000 pounds by 1965. Total annual plane movements will be up to 300,000 by 1955 and 385,000 before 1965. By 1980 the proportion of international air passengers will go to 50%, an increase from today's 47%.

"The rapid increase in air traffic during the last two years," the survey says, "had undoubtedly been greatly augmented by the establishment of coach fares by the major scheduled airlines and the rise in non-scheduled air traffic."

* * *

NEW P.A. SYSTEM AT WOLD CHAMBERLAIN

A new \$13,000 loudspeaker system has been installed at Wold Chamberlain Airport, Minneapolis. Northwest Airlines is paying the major share of the cost, which is being prorated among the five airlines, including Northwest, Braniff, Capital, Wisconsin Central and Western, serving Minneapolis and St. Paul.

In addition to airline arrival and departure announcements, the public address system plays semi-classical music 24 hours a day on a 15-minute on-and-off basis.

* * *

AIRPORT NOTES

(Terminal Bldgs. and Areas)

The foundation has been laid for the new administration building at Scottsbluff (Nebr.) Airport.

August R. Butler of Morristown, N.J. has been appointed temporary chief engineer as a move to speed up the completion of the new \$15,000,000 terminal building at Philadelphia International Airport.

December 30 has been set as the date for the special \$40,000 bond issue vote in Alamosa, Col., for airport improvements, including construction of a new terminal building. Total cost of improvements will be \$185,000. One \$40,000 bond issue was approved on November 4. Federal funds will make up the difference.

Work is expected to be resumed by the first of the year on the new administration building at Greenville (S.C.) Municipal Airport following a promise of a steel shipment by that time.

(Continued on following page)

AIRPORT NOTES (Cont.)

The New Castle County (Del.) Airport commission is surveying the possibility of constructing a new airport terminal building, which would include a control tower, with the belief that the present building would be used by the Air Force after construction was complete.

A control tower recently purchased from Los Angeles International Airport will be moved to Stockton (Calif.) Field following completion of the concrete base piers now under construction.

CAA's Office of Aviation Defense Requirements has authorized the Dade County (Fla.) Port Authority to begin construction preliminary to moving six air cargo buildings at Miami International Airport.

(Hangars)

Bond issue has been approved for financing of a \$300,000 hangar for Mercer Field, Trenton, N.J. The bonds, to go on sale shortly, will be retired in 10 years, maturing at the rate of \$25,000 for the first two years and \$30,000 for the years thereafter.

A new 121 x 107 ft. hangar is to be put up at San Francisco International Airport at a cost of \$106,512 to be used for repair and overhaul of private aircraft.

(Runways)

A 1,200-foot extension of the main E/W runway at a cost of \$120,000 has been completed at Hagerstown (Md.) Airport for use by Fairchild Engine & Airplane Corporation for testing C-119 aircraft.

The new hard-surfaced runway at Martinez (Calif.) Airport has been completed and opened to traffic.

Work has begun on repair of the runways at Lewiston-Auburn (Me.) Municipal, with grading and drainage facilities being accomplished first. The \$44,225 project will be completed in the spring, when paving work is possible.

(Lighting)

As soon as material is available, a \$40,000 lighting installation project will get under way at Tri-State Airport, Huntington, W.Va.

(Miscellaneous)

Airport projects completed or undertaken in Nebraska over the five-year period ended July 1, 1952 have cost a total of \$5,164,000, with the state and cities contributing \$2,574,000. Federal-aid program for 1953 in the state contemplates expenditure of \$262,000, of which \$131,000 will be state and local funds.

A multi-million dollar airport improvement program is planned for six major Canadian commercial airports, including extension and modernization of passenger and customs buildings at Gander (Newfoundland) International Airport and the Montreal, Ottawa, Toronto, Winnipeg and Vancouver airfields.

The California Association of Airport Executives will hold its semi-annual meeting at the Claremont Hotel, Oakland, Calif., May 19-21.