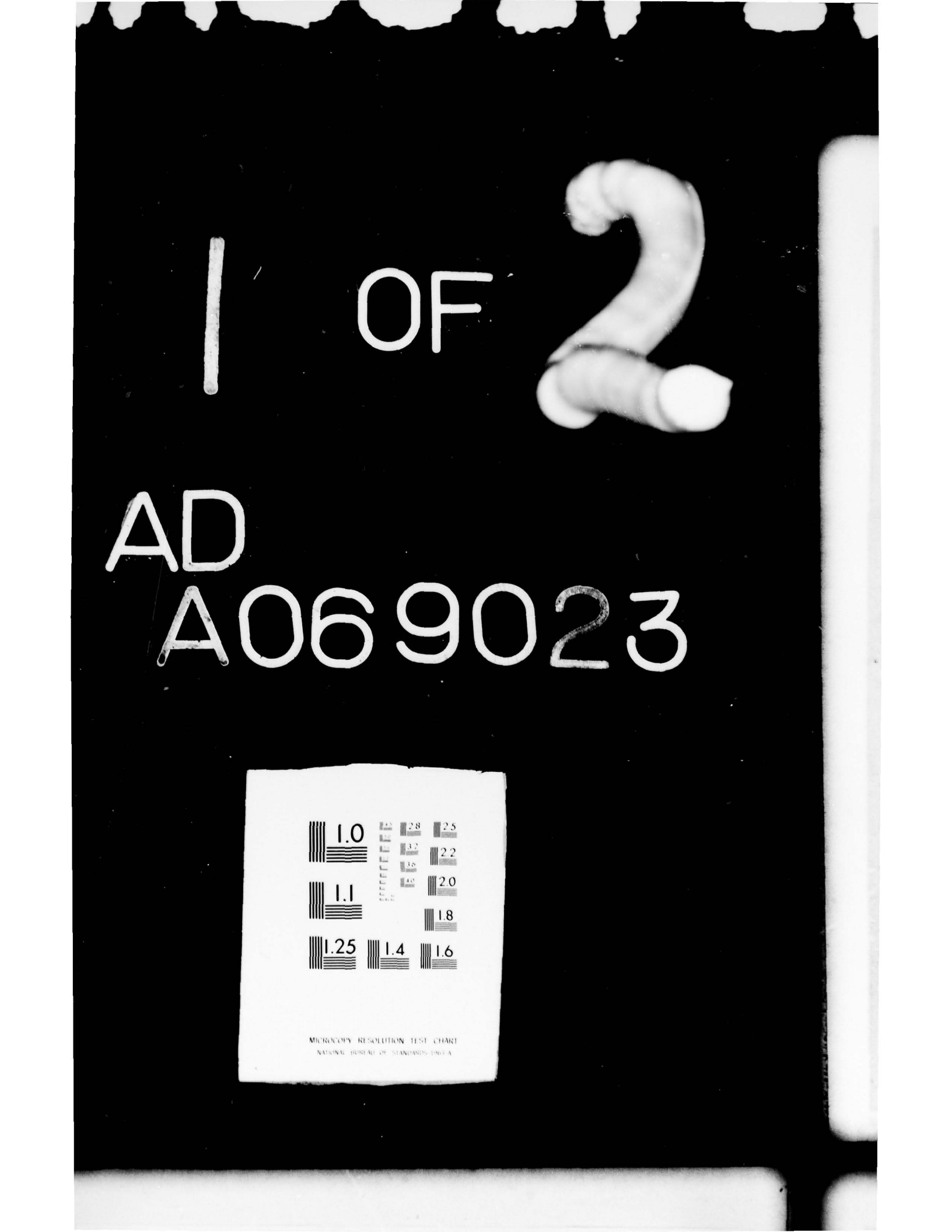
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NINTH ANNUAL REPORT OF OPERATIONS UNDER THE AIRPORT AND AIRWAY DEVELOPMENT ACT

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U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
WASHINGTON, D.C. 20591

411191

Technical Report Documentation Page

1. Report No.	2. Government Accession No.	3. Recipient's Catalog No.
FAA-ARP-79-1		

4. Title and Subtitle	5. Report Date
NINTH ANNUAL REPORT OF OPERATIONS UNDER THE AIRPORT AND AIRWAY DEVELOPMENT ACT	1978
	6. Performing Organization Code: ARP-11
7. Author(s): Virginia J. Martin	8. Performing Organization Report No.: FAA-ARP-79-1
9. Performing Organization Name and Address: Federal Aviation Administration, Office of the Associate Administrator for Airports, 800 Independence Avenue, S. W., Washington, D. C. 20591	10. Work Unit No. (TRAIS)
	11. Contract or Grant No.
12. Sponsoring Agency Name and Address: Federal Aviation Administration, 800 Independence Avenue, S. W., Washington, D. C. 20591	13. Type of Report and Period Covered: Annual Report - Covers Fiscal Year Ended September 30, 1978
	14. Sponsoring Agency Code

15. Supplementary Notes

16. Abstract

Section 24 of the Airport and Airway Development Act of 1970 (P.L. 91-258) requires that the Secretary, Department of Transportation, submit an annual report to Congress of operations under Part II of the Act for the preceding fiscal year. This report covers operations for the fiscal year ending September 30, 1978.

17. Key Words	18. Distribution Statement
Report of Operations Airport and Airway Development Act	Availability unlimited. Document may be released to the National Technical Information Service, Springfield, Va. 21151 for sale to the public.

19. Security Classif. (of this report)	20. Security Classif. (of this page)	21. No. of Pages	22. Price
Unclassified	Unclassified	153	

Form DOT F 1700.7 (8-72) Reproduction of completed page authorized

NINTH ANNUAL REPORT OF OPERATIONS

UNDER THE AIRPORT AND AIRWAY DEVELOPMENT ACT OF 1970 AS AMENDED BY THE AIRPORT AND AIRWAY DEVELOPMENT ACT AMENDMENTS OF 1976.

(PUBLIC LAW 91-258, 91st CONGRESS, APPROVED MAY 21, 1970)
(PUBLIC LAW 94-353, 94th CONGRESS, APPROVED JULY 12, 1976)

FISCAL YEAR ENDED SEPTEMBER 30, 1978

Rept. no. 9 (Annual) for period ending 30 Sep 78

1978

Virginia J. Martin

52p.

FAA-ARP-79-1

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

AD A111191

THE SECRETARY OF TRANSPORTATION
WASHINGTON, D.C. 20590

APR 30 1979

Honorable Walter F. Mondale
President of the Senate
Washington, D. C. 20510

Dear Mr. President:

I am pleased to transmit to you the Ninth Annual Report of Operations under the Airport and Airway Development Act of 1970 as required by Section 24 of the Act.

Sincerely,

Brock Adams

Enclosure

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THE SECRETARY OF TRANSPORTATION
WASHINGTON, D.C. 20590

APR 30 1979

Honorable Thomas P. O'Neill, Jr.
Speaker of the House
of Representatives
Washington, D. C. 20515

Dear Mr. Speaker:

I am pleased to transmit to you the Ninth Annual Report of Operations under the Airport and Airway Development Act of 1970 as required by Section 24 of the Act.

Sincerely,

Brock Adams

Enclosure

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Distribution: A-W-1 (minus RP/AS/PP/GC); A-W(RP/AS/PP)-3; A-W(GC)-2; A-X-1(minus AS); A-X(AS)-2; ZMS-411; A-FAS-1 (LTD); External

NINTH ANNUAL REPORT OF OPERATIONS UNDER THE AIRPORT AND AIRWAY DEVELOPMENT ACT OF 1970 AS AMENDED BY THE AIRPORT AND AIRWAY DEVELOPMENT ACT AMENDMENTS OF 1976

Section 24 of the Airport and Airway Development Act of 1970 (Public Law 91-258) requires that the Secretary, Department of Transportation, submit an annual report to Congress of operations under Part II of the Act for the preceding fiscal year. This report covers operations for the fiscal year ending September 30, 1978.

INTRODUCTION

With the enactment of the Airport and Airway Development Act of 1970 (P.L. 91-258) the Nation moved toward improving the efficiency and safety of the airport and airway system. Reflecting the role of aviation in the economy and the benefits derived from safe and efficient operation, that statute (1) found the airport and airway system inadequate to meet the requirements of the then current and projected growth in aviation, (2) declared substantial expansion and improvement was required to meet the demands of interstate commerce, the postal service, and national defense, and (3) established an expanded program of Federal matching grants to sponsors of airports serving commercial and general aviation. Moreover, the Act established a system of user taxes paid into a trust fund to provide an assured, long-term source of funding.

The Act has now been amended three times.

The Act was amended in 1971 (P.L. 92-174) to incorporate provisions involving the use, preservation, and priority for expenditure of funds from the Trust Fund. The Airport Development Acceleration Act of 1973 (P.L. 93-44) made further amendments to the 1970 Act, increasing annual authorizations for fiscal years 1974 and 1975 and increasing the Federal contribution for grants at most airports. The Airport and Airway Development Act Amendments of 1976 (P.L. 94-353 approved July 12, 1976) made several major changes to the Act, affecting among other things project eligibility, increased overall funding levels, distribution of funds, the project approval process, the percentage of the Federal contribution for most projects, extension of the planning grant program and the revisions to the National Airport System Plan.

THE AIRPORTS PROGRAM

The Airports Program covers the identification, planning, and development of the Nation's system of public airports to serve the needs of civil aviation in the fifty states, Guam, Puerto Rico, American Samoa, the Trust Territory of the Pacific Islands, and the Virgin Islands.

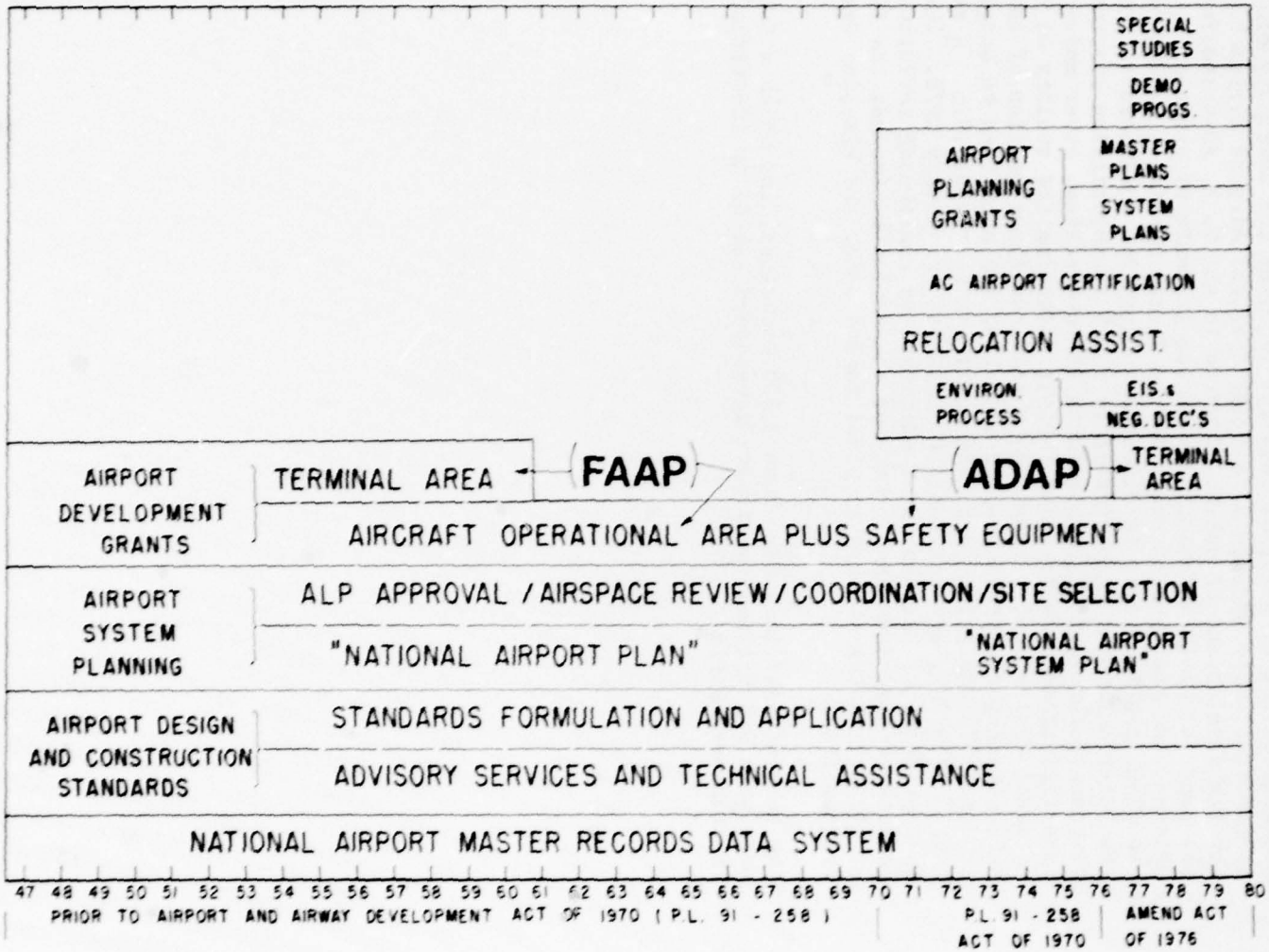
It is based primarily on provisions of the Airport and Airway Development Act of 1970 (Public Law 91-258), and the Airport and Airway Development Act Amendments of 1976 (P.L. 94-353) which amended P.L. 91-258. These laws provide legislative recognition of an important national need for improvement in the national airport and airway system. Airport system improvements aimed at increased system capacity and the accommodation of higher performance aircraft has been the goal of the Airports Program. Federal involvement is designed to assist municipalities and other public agencies that own and operate the civil airports of this country in funding airport planning and development that will (1) help assure enviromental acceptability and (2) provide for increased safety in airport operations.

Principal activities in this program include: preparation of a National Airport System Plan and other airports planning activities; administering a program of grants-in-aid for airport planning and airport development engineering and safety standards; airport certification and inspection for safety of operations; participation in transfers of Federal land and property for civil airport use; field collection of data for the airport data program; assuring that public agencies receiving Federal assistance continue to operate their airports for the benefit of the public in accordance with their agreements and a general aviation grant state demonstration program.

-AIRPORTS PROGRAMS-

HISTORY OF PROGRAM FUNCTIONS

FISCAL YEARS 1947 THROUGH 1980

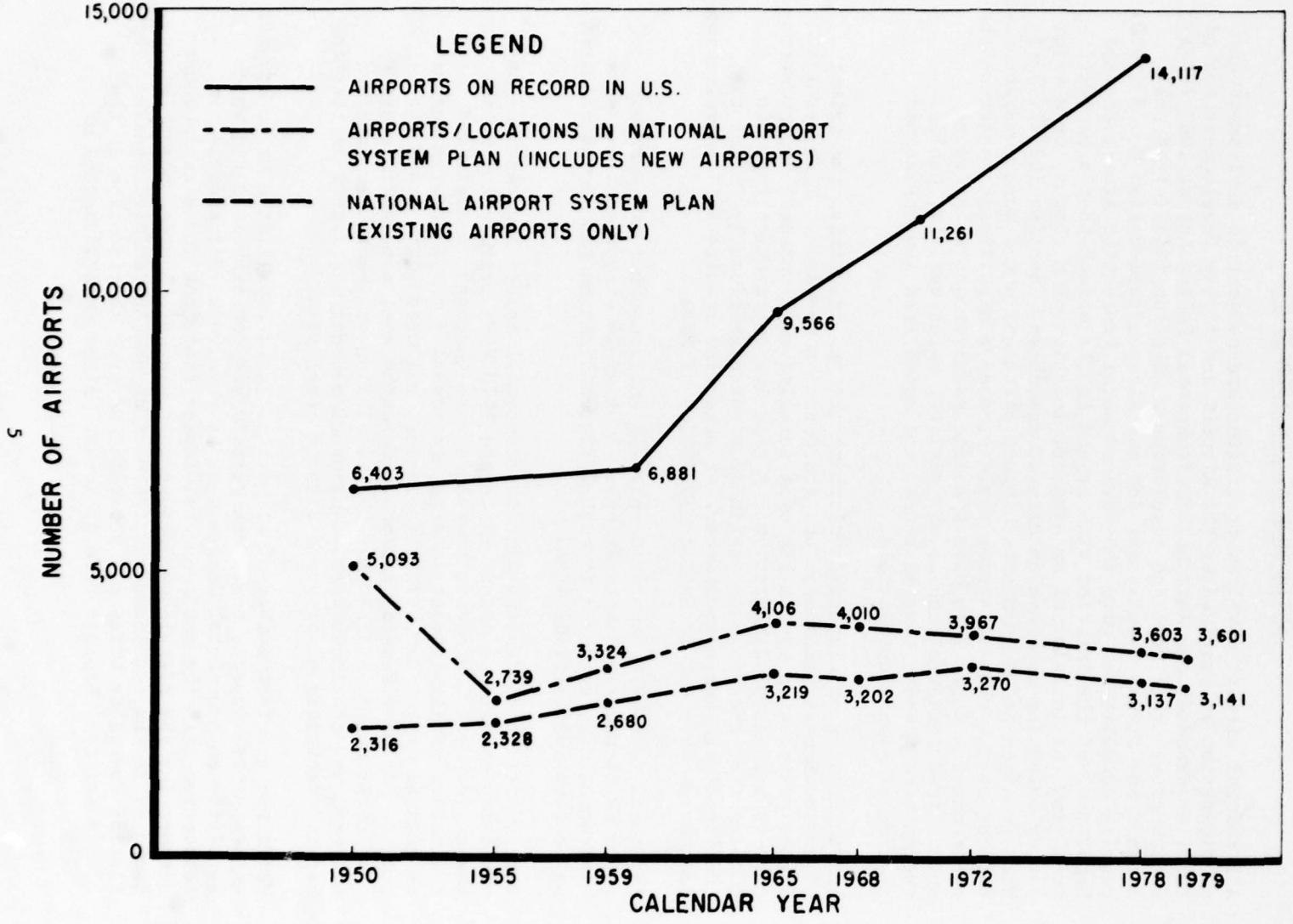


AIRPORT PLANNING

National Airport System Plan (NASP). The Airport and Airway Development Act of 1970, as amended, requires the Secretary of Transportation to prepare a ten-year National Airport System Plan for the development of public airports in the U. S. adequate for the needs of civil aeronautics, the requirements of national defense, and the special needs of the Postal Service. In developing the plan, the Secretary is directed to give due consideration to the relationship of each airport to local transportation systems, forecast technological developments in aeronautics, other modes of intercity transportation, and factors affecting the quality of the national environment. Prepared by FAA, the first edition of the NASP covering the years 1972 through 1982 was submitted to Congress in June 1973 and released to the public in September 1973. A revised NASP, 1978-1987, was delivered to Congress in January 1978. The NASP is kept current, between major editions, by continuing revisions to a computer-stored data bank. Many of the revisions include the findings of airport master and system plans funded under the Planning Grant Program (PGP).

The current NASP includes about 3,600 locations, for which a total of more than $11 billion in airport development needs is identified for the ten-year period.

NATIONAL AIRPORT SYSTEM GROWTH



AS OF 9/30/78

ENVIRONMENTAL CONSIDERATIONS

All Federal airport development actions are subject to environmental consideration as required by the Airport and Airway Development Act of 1970, as amended, the National Environmental Policy Act of 1969 (NEPA), and numerous other laws and regulations. Section 16(c)(4) of the Airport and Airway Development Act and Reorganization Plan No. 3 (1970) require consultation with the Environmental Protection Agency and the Department of the Interior with regard to the effect that a project involving the location of an airport, location of a runway, or a major runway extension may have on natural resources. Section 102(2)(C) of NEPA requires an environmental impact statement and a more comprehensive Federal review when an action would produce a significant impact on the environment. Other laws have specific requirements relative to specialized concerns such as air quality, water quality, public recreational lands, coastal zones, and endangered and threatened species of plants and animals.

Initial review of airport development actions identifies the extent of environmental assessment and coordination required. This results in the preparation by the FAA of a detailed environmental impact statement or a negative declaration. A negative declaration includes a finding that the proposed action does not significantly affect the quality of the human environment or otherwise require full coordination and review pursuant to Section 102(2)(C) of NEPA.

In Fiscal Year 1978, approximately 249 environmental actions were approved as negative declarations. Another 14 airport actions were environmentally approved through full coordination procedures required by Section 102(2)(C) of NEPA.

Our commitment to dealing with environmental issues has resulted in utilizing experience gained since the 1970 NEPA legislation to improve the environmental process, to assure more thorough analysis and evaluation of significant impacts, to identify projects with negative or minimal impact early in the process, and overall to speed the process for many Federal actions. Nevertheless, some actions are so complex or controversial that the resolution of the issues involved has been and continues to be a major time-consuming factor in reaching Federal decisions on proposed airport development.

While the greatest number of airport projects have little or no adverse environmental impact, there are certain project proposals for which sensitive environmental issues must be resolved. For example, in connection with the environmental impact statement for a replacement airport for the Everglades Jetport in southwest Florida, possible jeopardy to the continued existence of an endangered bird species, the Florida Everglade kite, and potential adverse modification of the kite's critical habitat were at issue. After several months of

investigation participated in and partially funded by the FAA, a final biological opinion was rendered that a training airport at the site was not likely to jeopardize the kite or adversely modify its critical habitat. Work is proceeding on the final environmental impact statement.

In a very few cases, specific environmental problems have contributed to a no-build decision. Controversy over hydraulic fill for a wetlands area for a runway extension on the North Bend, Oregon, airport required a year of research and negotiations to meet the State's requirements for a permit. Subsequently, the permit was challenged in State court and found to be faulty. As a result, the project was cancelled.

In other instances, airport projects with significant environmental impacts were approved with concomitant mitigation measures. In Fiscal Year 1978, a final environmental impact statement was approved for runway development at Ontario International Airport, California, which increases the capacity of the airport and at the same time decreases the noise impact on residential areas. Another example is the final impact statement approval for land acquisition and development of a southwest Florida regional airport in Lee County, Florida -- a new air carrier airport in a rapidly growing yet sensitive environmental area. The action provides for environmental buffer zones.

The FAA approved in Fiscal Year 1978 a final environmental impact statement for a runway extension at Stewart Airport, Newburgh, New York, which was an unusual situation. The Metropolitan Transportation Authority (MTA) established the need for the project based on optimistic forecasts which were predicated on the expectation that the greater runway length would attract long-haul international and charter operations, in turn promoting and supporting increases in domestic activity. The FAA could not validate the forecasts, nor was the proposed development included within the ten-year forecast period of the current National Airport System Plan. The MTA had not formally requested Federal financial aid for the project; and, had such aid been requested, the FAA would have been unable to grant it because the FAA could not make a finding that, based on the need for the project, there was no feasible and prudent alternative, as required by Section 16(c)(4) of the Airport and Airway Development Act of 1970, as amended. The issue before the FAA in this case was whether the environmental consequences of the proposed project were of sufficient magnitude to deny approval of the sponsor's airport layout plan and subsequent development which the sponsor believed would provide aeronautical and economic benefits to the community. After fully examining the potential environmental impacts of the proposed runway extension, the FAA approved the final impact statement, thereby enabling the MTA to proceed with the development without Federal financial aid.

On September 1, 1977, the Department of Transportation announced a new policy to encourage greater use of design and the arts in transportation. The FAA is taking significant steps to implement this policy to improve the quality of the built environment where Airport Development Aid Program funds are involved. Emphasis is on the improvement of design and architecture and on the use of works of art. Various internal notices and orders have been distributed and briefings held to instruct FAA personnel of funding eligibility, environmental considerations, and procedures for the selection of architects and engineers.

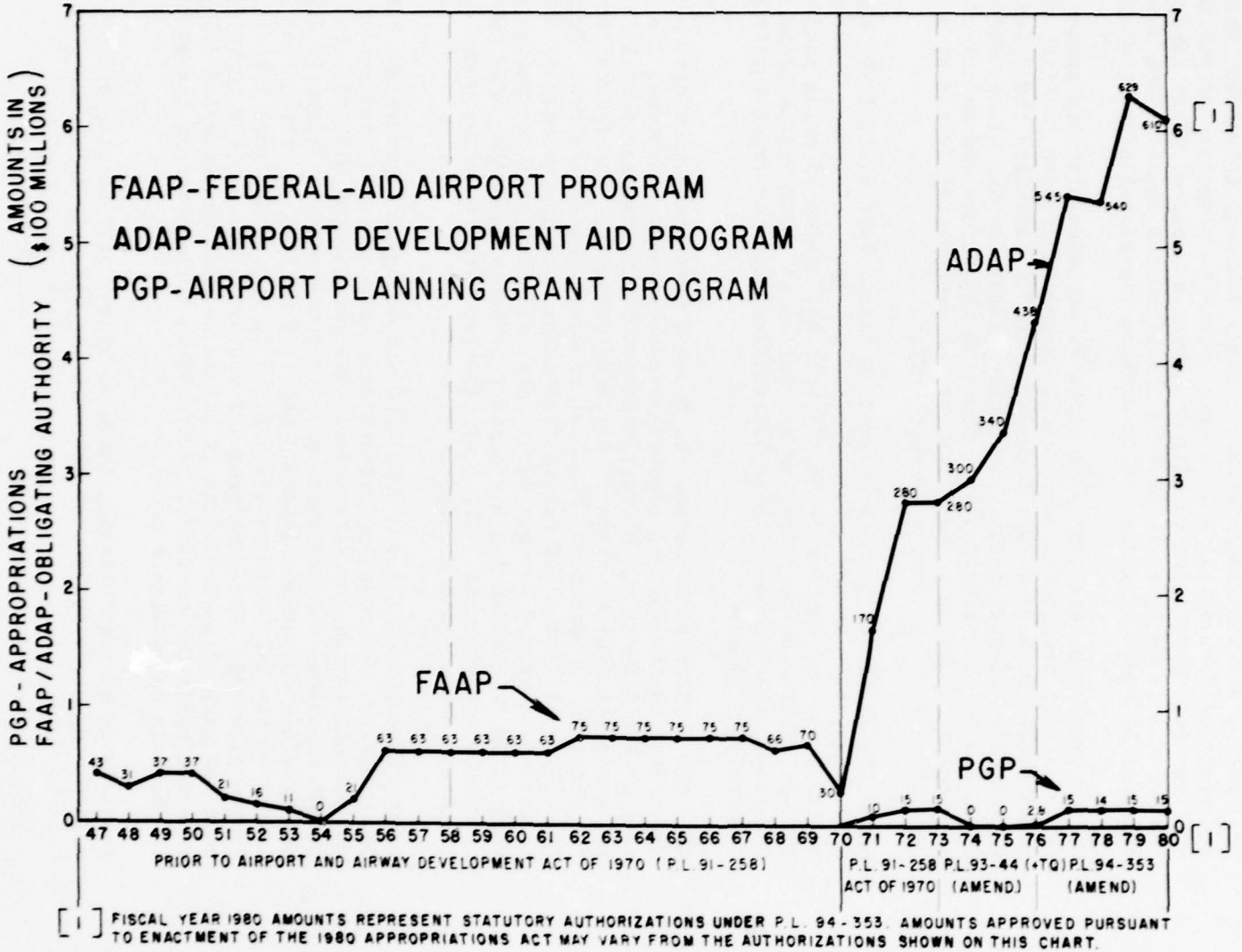
In the area of environmental litigation, the following cases are significant. An environmental impact statement for a new 10,500-foot north-south crosswind runway for Anchorage was approved in March 1977. A multi-year ADAP grant totaling $32.8 million was accepted in June 1977 and site preparation was begun. In August 1977, the U.S. District Court issued a preliminary injunction against any further expenditure of funds in response to a suit brought by a homeowner living near the proposed runway. His challenge was based largely on the criteria used by FAA in determining that the crosswind runway was eligible for funding. After a full trial, the judge ruled in favor of FAA on May 11, 1978.

Secretary Adams approved funding under the ADAP for acquisition of the Hollywood-Burbank Airport in October 1977, after approval of an environmental impact statement by FAA in August 1977. The airport is being acquired by the Hollywood-Burbank Airport Authority from the Lockheed Aircraft Corporation. The Authority was formed by the Cities of Burbank, Pasadena, and Glendale, California, to acquire and operate this air carrier airport in the busy Los Angeles hub. The total agreed upon sale price of $51 million is to be supported by ADAP grants totaling $35.5 million over three years. Twelve and one-half million dollars in two grants were awarded in October 1977 and April 1978. Grants in Fiscal Years 1979 and 1980 will depend on availability of funds. In October 1977, a coalition of homeowners filed suit in the U.S. District Court challenging the adequacy of the environmental impact statement and asking for an injunction against the transfer of Federal funds. In May 1978, the court granted the defendant's motion for summary judgment and dismissed the case. Appeal was expected. A key issue in the opposition was the noise impacts over nearby residential areas. The ADAP grant includes a provision for limiting any future growth which would expand the area of noise exposure.

AIRPORTS PROGRAMS

PLANNING & DEVELOPMENT GRANT-IN-AID PROGRAMS

FISCAL YEARS 1947 THROUGH 1980



[1] FISCAL YEAR 1980 AMOUNTS REPRESENT STATUTORY AUTHORIZATIONS UNDER P.L. 94-353. AMOUNTS APPROVED PURSUANT TO ENACTMENT OF THE 1980 APPROPRIATIONS ACT MAY VARY FROM THE AUTHORIZATIONS SHOWN ON THIS CHART.

PLANNING GRANT PROGRAM (PGP)

The Airport and Airway Development Act of 1970, as amended, authorizes the Federal Aviation Administration (FAA) (through delegation from the Secretary of Transportation) to make grants to planning and public agencies for preparation of airport system and master plans respectively. The program is designed to promote the effective location and development of publicly owned airports and to develop a national airport system plan.

System plans are developed by a state or areawide planning agency to formulate air transportation policy, determine airport facility requirements needed to meet forecast demands, and to establish the framework for detailed airport master planning. Airport master plans, which are developed by the airport owner, focus on the nature and extent of development required to meet the future aeronautical demand at a particular facility over a 20-year period.

Since the inception of this program in Fiscal Year 1971, 1,629 planning grants have been issued totaling $71.8 million. Of these, 1,472 were for master plans and the remaining 157 were for system planning projects. Included in the latter were the initiation of state system plans for 43 states, the Commonwealth of Puerto Rico, and the Trust Territory of the Pacific Islands.

When the program first began, the Federal Government provided up to two-thirds of the cost of planning grant projects. However, the enactment of the Airport and Airway Development Act Amendments of 1976 increased the Federal share of planning projects. The Federal Government now provides 75 percent of the cost of airport system plans. During Fiscal Year 1978 the Federal participation rate in the cost of airport master plans was 90 percent for general aviation airports and varied from 75 to 90 percent for air carrier airports depending upon the number of passengers enplaned. The participation rate in master plans may be higher in public land states.

During Fiscal Year 1978, $14,257,280 was obligated through the PGP for 242 projects. Discounting recoveries from closeout of prior-year grants, the net obligation for Fiscal Year 1978 totaled $14,015,406. This amount exhausted all available program funds and significantly exceeded the previous obligational record of $11.8 million in Fiscal Year 1977. Twenty of the 242 projects ($1,036,880 in PGP funds) were for airport system planning. The remaining 222 projects ($13,220,400 in PGP funds) were for airport master plans at 95 air carrier/commuter and 127 general aviation/reliever locations. A breakdown by location of the grants is shown in Appendices A and B.

Emphasis in airport planning and development will be placed upon maintaining the viability of our existing airports to accommodate the

projected increase in aviation demand. A critical issue affecting the viability of the existing system is the annoyance caused by noise from aircraft taking off and landing at these facilities. The airport owner is primarily responsible for the effect of aircraft noise on the community and developing action plans to reduce the impact of the noise. To assist airport owners in carrying out the responsibility, the Department of Transportation established a pilot program to encourage the development of airport noise control and land-use compatibility plans as part of PGP-funded master plans. The pilot program provided for funding up to 25 master plans for two years with this type of work. During Fiscal Year 1978, grants totaling $3,424,415 were issued to 25 airports for such planning. With the four grants issued in Fiscal Year 1977, a total of 29 airports are participating in the pilot program. Although the first plans under this effort are not scheduled to be completed until Fiscal Year 1979, we anticipate notable benefits from the program. This aspect of the airport planning process has helped to establish a forum for dialogue between airport operators and noise-impacted jurisdictions. Airport users and citizens also are playing an important role in this examination of the airport and noise.

Because of the preliminary indications of success of this work, any eligible airport sponsor with noise problems will be able to incorporate noise planning into its overall master planning of the airport under Federal aid projects. As part of this effort to encourage airport owners to actively seek solutions to noise problems, the FAA published an advisory circular on airport land-use compatibility planning in December 1977. This publication is intended to assist airport and urban planners, airport owners, and local governments in planning and achieving long-term compatibility between airports and their environs. Prior to publication, the advisory circular was coordinated extensively with other Federal agencies (e.g., Department of Defense, Department of Housing and Urban Development, Environmental Protection Agency), members of the aviation community (e.g., National Association of State Aviation Officials, Airport Operators Council International, Air Transport Association of America), and appropriate professional organizations. This publication, which is available through the Government Printing Office, was well received as evidenced by the initial printing of 17,000 copies being exhausted within two months of its availability.

Another major step in this area was the offering of a course on airport land-use compatibility planning through the FAA Academy. The intent of the course is to provide a familiarization in the area of land-use planning. Although this course is primarily directed at FAA personnel working in this area, it has also been attended by airport sponsors and state aviation officials.

Another noteworthy accomplishment during the year was the issuance of 15 grants totaling $831,150 in PGP funds for continuous airport system

planning. The objective of continuous planning is to insure that existing system plans remain responsive to the air transportation needs of an area. To accomplish this objective, grants are given to the responsible planning agencies to continuously monitor aviation activity and update as necessary the appropriate sections of the system plans. We feel this is an efficient way to keep system plans current and can effectively strengthen the aviation expertise of state and metropolitan area planning organizations. A system plan that is not maintained through continuous planning usually has a five-year life. At that time, a grant to completely update the initial system plan otherwise might be sought by the sponsor.

PGP FUNDING AND PERFORMANCE

(IN MILLIONS)

FISCAL YR	APPROPRIATION	NET OBLIGATIONS*	GRANTS ISSUED	CARRYOVER
1971	10.0	3.6	42	6.4
1972	15.0	9.0	180	12.4
1973	15.0	9.6	275	17.8
1974	.0	8.2	277	9.6
1975	.0	9.6	286	.0
1976	2.8	2.3	71	.5
TQ	15.0	3.7	51	11.8
1977	.0	11.8	205	.0
1978	14.0	14.0	242	.0
TOTAL	71.8	71.8	1629	.0

* NET OBLIGATIONS EQUAL NEW GRANTS MINUS RECOVERIES FROM THE CLOSEOUT OF EXISTING GRANTS.

AS OF 9/30/78

AIRPORT DEVELOPMENT AID PROGRAM

Section 14 of the Airport and Airway Development Act of 1970, as amended, authorizes the Secretary of the Department of Transportation to make airport development grants in order to bring about, in conformity with the National Airport System Plan (NASP), the establishment of a nation-wide system of public airports adequate to meet the present and future needs of civil aeronautics. The Airport and Airway Development Act Amendments of 1976 (P.L. 94-353), enacted on July 12, 1976, contain additional funding and add several new eligible items of development.

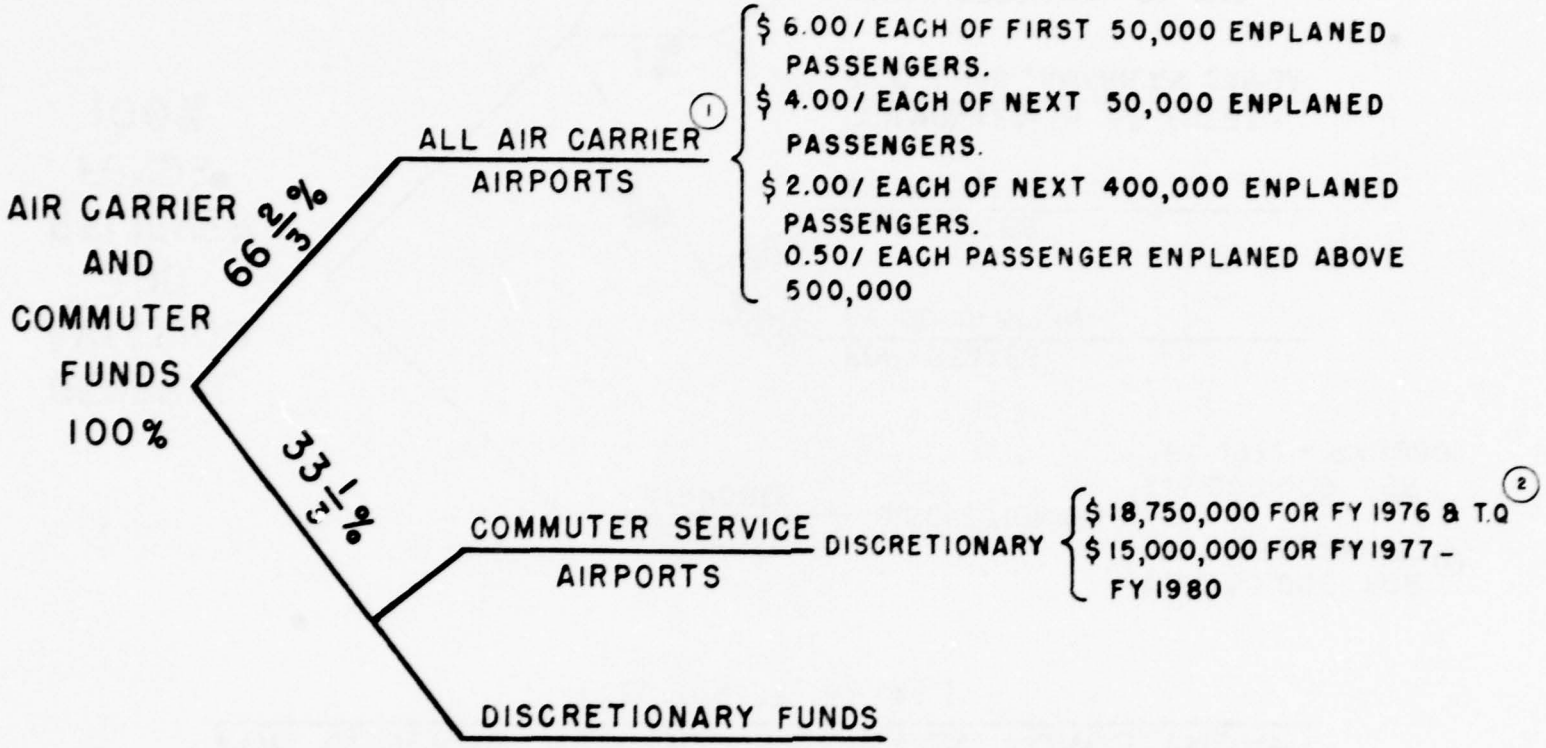
The 1976 amendment raised the annual program level from $310 million, established in 1973, to a range of $500 million to $610 million over the 5-year period through Fiscal Year (FY) 1980. This provides $435 to $525 million annually for airports serving all segments of aviation including a category of air carrier airports identifed as commuter. It further provides $65 million to $85 million annually for general aviation airports including airports that relieve congestion at high density locations. (Charts on pages 15 and 16 show the percentage distribution of the annual contract authority in accordance with Section 15a(3) and 15a(4) respectively.) It also revised the percentage of Federal participation in eligible airport development upward from previous levels of 50 and 75 percent. ADAP participation at all except the busiest airports was 90 percent through September 30, 1978, and then dropped to 80 percent for FY 1979 and 1980. Air carrier airports other than commuter airports whose total annual passenger enplanements are one-quarter of one percent or more of the total annual passenger enplanements of all such airports receive Federal participation at 75 percent. There are slight upward adjustments in a few states containing a high percentage of public land that result in Federal participation up to 93.75 percent of project costs.

In the case of airport development projects involving safety and/or security equipment, the 1976 amendment provides for the same rate of Federal participation as for other items of development. This revises a 1973 amendment that allowed 82 percent funding for these purposes.

The following items were made eligible under the 1976 amendment: (1) snow removal equipment; (2) noise suppressing equipment; (3) physical barriers and landscaping to diminish the effect of aircraft noise; and, (4) terminal development (including multimodal terminal development) limited to nonrevenue producing public use areas directly related to the movement of passengers and baggage at airports serving air carriers certificated by the CAB. (A maximum of 50 percent Federal share is allowed for terminal development with no more than 60 percent of a sponsor's enplanement funds for any fiscal year to be obligated for this purpose.)

DISTRIBUTION OF CONTRACT AUTHORITY FOR AIR CARRIER / COMMUTER FUNDS (ADAP)

(SECTION 15(a)(3))

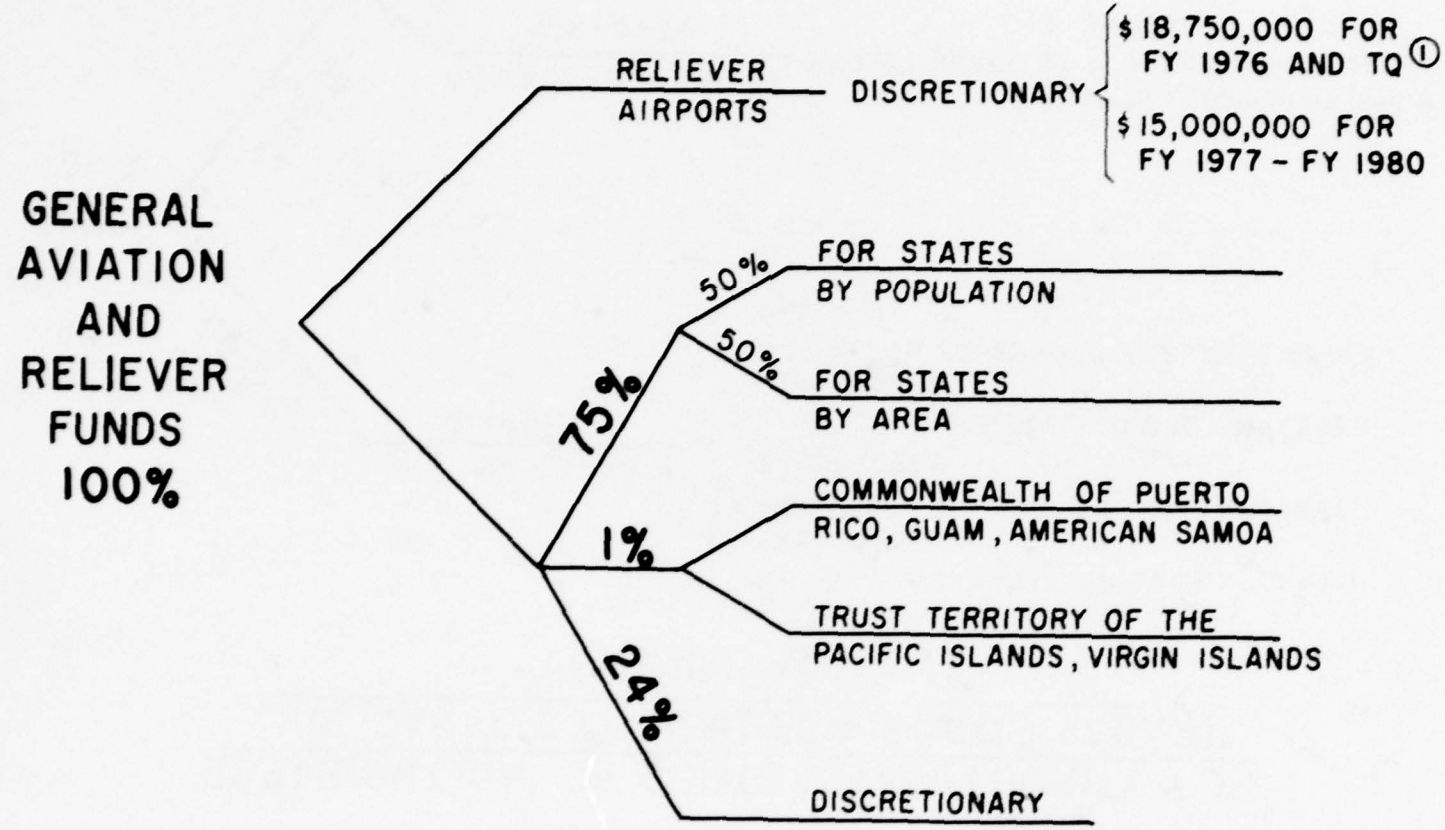


(1) NO AIRPORTS SERVING AIRCRAFT HEAVIER THAN 12500 LBS SHALL RECEIVE LESS THAN $150,000 OR MORE THAN $ 10 MILLION. AIRPORTS SERVING AIRCRAFT LESS THAN 12500 LBS SHALL RECEIVE NO LESS THAN $ 50,000 OR MORE THAN $ 10 MILLION. THE LOWER FIGURES HOWEVER, WILL BE SUBJECT TO THE 66 2/3 % FUNDING RESTRICTION.

(2) TRANSITION QUARTER.

DISTRIBUTION OF CONTRACT AUTHORITY FOR GENERAL AVIATION/RELIEVER FUNDS (ADAP)

(SECTION 15,(a),(4))



① TRANSITION QUARTER

The latest amendment also allowed a maximum of four states to administer the general aviation airport development portion of ADAP within their states, with the restriction that no grant could be made to any State under the State Demonstration Program after September 30, 1978.

The amendments permit certifications to be accepted from sponsors indicating that they will comply with all program statutory and administrative requirements. Other significant ADAP provisions of the amendments are: allowance for multi-year grants for projects extending over several years; and funding for grants to states to assist them to develop their own general aviation airport development standards, other than standards for safety of approaches. A maximum of $25,000 may be granted to a single state for development of standards.

PRIMARY GOALS

The primary goals of the ADAP are to:

Encourage the safe development and implementation of airport development programs consistent with national transportation goals and with goals determined locally through areawide planning programs.

Assist investments of airport sponsors in airport facilities.

Improve the safety and economic efficiency of the system by encouraging uniformity in development within appropriate safety and design standards.

Promote the timely development of airport facilities needed to minimize delays due to congestion in the system.

Assure consistency of airport development with other aviation facility installations programmed under the Facilities and Equipment Program for the Federal Aviation Administration (FAA).

Assist in the acquisition of nonpublic-owned airports where communities have committed themselves to public ownership and maintenance of the airport.

Mitigate, to the extent practical, adverse environmental effect of aircraft operations.

STATUTORY CRITERIA

The statutory criteria relating to the ADAP are:

The project has to be reasonably consistent with plans (existing at the time of approval of the project) of planning agencies for the development of the area in which the airport is located and will contribute to the accomplishment of the purposes of the Act.

Sufficient funds must be available for that portion of the project costs which will not be paid by the United States.

The project has to be completed without undue delay.

The public agency or agencies which submit the project application must have legal authority to engage in the airport development as proposed.

All project sponsorship requirements prescribed by or under the authority of the Secretary have to be met.

A public agency, or the United States or an agency thereof, must hold good title to the landing area of the airports or the site thereof, or give assurance satisfactory to the Secretary that good title will be acquired.

The project has to include provision for installation of the landing aids specified in the Act and determined by the Secretary to be required for the safe and efficient use of the airport by aircraft, taking into account the category of the airport and the type and volume of traffic utilizing the airport.

Fair consideration must be given to the interest of communities in or near which the project may be located.

The Secretary will not approve a project involving airport location, a major runway extension, or runway location if, after consultation with the Secretary of Health, Education and Welfare (HEW) (function has been delegated to Environmental Protection Agency (EPA)) and the Secretary of Interior it is found to have an adverse effect on natural resources, including but not limited to fish and wildlife, natural scenic and recreation assets, water and air quality, and other factors effecting the environment, unless the Secretary, following a full and complete review, renders a finding which would be a matter of public record that no feasible and prudent alternative exists and that all possible steps will be taken to minimize such adverse effect.

The public agency sponsoring the project, if it involves airport location, an airport runway, or a runway extension, has to certify to the Secretary that there was afforded the opportunity for public hearings for the purpose of considering the economic, social and environmental effects of the airport location and consistency with the goals and objectives of such urban planning as has been carried out by the community.

The Secretary will not approve any project involving airport location, major runway extension or runway location unless the Governor of the State in which such project is located certifies, in writing to the Secretary, that there is reasonable assurance that the project will be located, designed, constructed and operated so as to comply with applicable air and water quality standards. Where no state standards are approved or where such standards were promulgated by the Secretary of Interior or the Secretary of HEW (function delegated to the EPA), certification will be obtained from the appropriate Secretary. Notice of certification or of refusal to certify will be provided within 60 days after the project application is received by the Secretary.

The Secretary conditionally approves any such project application based on compliance during construction and operation with applicable air and water quality standards.

Airport development is included in the National Airport System Plan and complies with the airport development standards formulated or approved by the Secretary of Transportation.

As a condition precedent to approval of airport development projects, sponsors must give written assurances to the Secretary as shown in Section 18 of the Act. There must be consultation with air carrier operators at air carrier airports and fixed based operators on general aviation airports prior to making a decision regarding any proposed development.

PROGRAM CRITERIA FOR ADAP

In order to meet the intent of the legislation, criteria have been developed to accommodate the goals set forth in the Act. Recognition is given to the needs of all segments of aviation and to the prime goals of improving safety and increasing capacity.

Priorities are determined from a numerical rating table through which various factors are weighed, such as work essentiality, National Airport System Plan code, and timing of need. This process is not purely a mathematical computation, but rather the exercise of judgment in the application of these guidelines.

Programs of approved projects are developed on a continuing basis and allocations announced periodically. All requests within a given state, when projects meet basic eligibility requirements, are assigned a priority rating and programmed to the extent of available funds. Programs are monitored on a national basis to assure that the priority level of projects is uniformly applied throughout the Nation.

IMPLEMENTATION

Policy and procedures for administering the ADAP are developed and published in Part 152, Federal Aviation Regulations, including guidance on: (1) procedures for submission of requests for aid; (2) consideration of environmental effects; (3) eligibility of navigation aids; (4) landing aid requirements; (5) requirements for public hearings to consider the social, economic and environmental aspects of proposed airport development; (6) applicability and effect of the Uniform Relocation and Real Property Acquisition Policies Act; and, (7) project approval.

SIGNIFICANT COURT ACTIONS INVOLVING THE ADAP

In an action initiated in April 1975, the City of Los Angeles sued for and obtained a temporary restraining order, preliminary injunction and finding, by memorandum opinion dated June 23, 1975, for award for $9.585 million claimed due as entitlement to enplanement funds apportioned pursuant to Section 15 of the Airport and Airway Development Act of 1970. The suit was brought against the Secretary of Transportation and others and raised the issue of whether yearly limitations imposed by Section 302 of the Department of Transportation (DOT) Appropriations Act constitute effective control of the Secretary's discretion to program the obligation of enplanement funds. Final resolution of this case is still pending in the Court of Appeals for the District of Columbia.

Airport Development Aid Program Apportionments For Fiscal Year 1978

Appendix C to this report provides the apportionment of the $540 million authorization for fiscal year 1978 under the Airport Development Aid Program for airport development projects. Each air carrier airport sponsor and the Governor of each state, or the chief executive officer of the equivalent jurisdiction, were notified of the sums apportioned in accordance with Section 15(a)(3)(A) and Section 15(a)(4)(A) of the Airport and Airway Development Act of 1970, as amended.

Fiscal Year 1978 Development Activity

Under the Airport Development Aid Program, obligations amounted to $552.9 million, of which $480.9 million was for 761 new grant agreements; $2.8 million for up to 10 percent increases in existing ADAP grant agreements; and $69.2 million for multi-year grant amendments. This represents an all time high in terms of the number of grants issued and dollars obligated.

The difference between the $552.9 million in obligations and the authorized obligating level of $540.0 million reflects the use of recoveries from prior years' obligations.

The largest percentage of these funds were utilized to establish or improve system safety and capacity development, such as new runways, runway extensions, taxiways, apron areas, approach aids, airfield lighting, crash/fire/rescue vehicles, and snow removal equipment.

The new grant agreements utilized approximately $405.3 million for 504 projects at air carrier airports, including 48 projects at commuter airports, and $75.6 million for 257 projects at general aviation airports, including 38 projects at reliever airports.

In addition to the funds obligated during fiscal year 1978, commitments for future years' obligations through multi-year grant agreements and advance programming were made to sponsors in the amount of $125 million.

The 761 airport development projects for which grant agreements were executed during fiscal year 1978 are summarized in Appendix D by State and listed in Appendix E with descriptive work items.

Outlays for Grants-in-Aid Programs

The following are the cash outlays made for the grants-in-aid programs under Public Law 95-335 for fiscal year 1978.

	Thousands
Airport Development Aid Program	$ 552,515
Planning Grant Program	9,607
State Standards Program	34
Total Outlays	$ 562,156

GENERAL AVIATION STATE DEMONSTRATION PROGRAM

Section 28 of the Airport and Airway Development Act of 1970 as amended by P.L. 94-353 of July 12, 1976, authorized the Secretary of the Department of Transportation to conduct a four-State demonstration program to test the ability of the States to administer the general aviation portion of the Federal Airport Development Aid Program (ADAP) grant-in-aid funds. The states selected were Arizona, Michigan, Pennsylvania, and South Dakota.

Actual grant activity began for these four states in FY 1977 with the issuance of grant offers and their formal acceptance to participate in the demonstration program. Additional grants to these states were issued in FY 1978. The dollar amounts issued to each state are indicated below:

State	FY 1977 Amount	FY 1978 Amount	Total Amount
Arizona	$1,068,967	$1,191,085	$2,260,052
Michigan	$1,630,900	$2,029,071	$3,659,971
Pennsylvania	$2,482,430	$1,586,807	$4,069,237
South Dakota	$ 687,862	$ 678,838	$1,366,700

The evaluation of the progress of the general aviation state demonstration program was performed based on fact finding visits to the state offices and selected project sites. An evaluation report on the results of the administration of the program by the four states was submitted to the Congress in June 1978. The results were generally satisfactory although certain technical program discrepancies surfaced.

STATE STANDARDS PROGRAM

Section 16(g) of the Airport and Airway Development Act of 1970 as amended by P.L. 94-353 of July 12, 1976, authorizes the Secretary of the Department of Transportation to make grants to any state, upon application, for developing standards for airport improvements at general aviation airports within a state.

The purpose of this program is to provide the states greater flexibility in general aviation airport development by providing for construction standards that are more closely related to local conditions. Since the provisions of Section 16(g) are relatively brief, they are presented in their entirety below:

"Section 16(g). STATE STANDARDS

(1) The Secretary is authorized to make grants to any State, upon application therefor, for not to exceed 75 per centum of the cost of developing standards for airport development at general aviation airports in such State, other than standards for safety of approaches. The aggregate of all grants made to any State under this paragraph shall not exceed $25,000.

(2) The Secretary is authorized to approve standards established by a State for airport development at general aviation airports in such State, other than standards for safety of approaches, and upon such approval such State standards shall be the standards applicable to such general aviation airports in lieu of any comparable standard established under subsection (a) of this section. State standards approved under this subsection may be revised, from time to time, as the State or the Secretary determines necessary, subject to approval of such revisions by the Secretary.

(3) There is authorized to be appropriated out of the Airport and Airway Trust Fund not to exceed $1,275,000 to carry out this subsection."

Guidance material regarding the program was published on March 1, 1977, in Advisory Circular 150/5100-13, Development of State Standards for General Aviation Airports.

Six states have submitted applications to the FAA for the development of state standards. The dollar amounts issued to each state in FY 1978 is indicated below:

State	Amount	Date of Grant Acceptance
Arizona	$22,845	1/25/78
Florida	$25,000	12/29/77
Illinois	$15,000	5/4/78
Louisiana	$25,000	2/6/78
Oregon	$20,000	9/27/78
S. Carolina	$20,000	12/14/77

Additional grants are anticipated as a result of each state being contacted by FAA regional offices. Early indications are that 16 states plan to submit applications during FY 1979.

CIVIL RIGHTS CONSIDERATION

The airport development assistance program subjects the grant recipient to coverage by Title VI of the Civil Rights Act of 1964 and Section 30 of the Airport and Airway Development Act which is presented in its entirety below:

> "Section 30. CIVIL RIGHTS
>
> The Secretary shall take affirmative action to assure that no person shall, on the grounds of race, creed, color, national origin, or sex, be excluded from participating in any activity conducted with funds received from any grant made under this title. The Secretary shall promulgate such rules as he deems necessary to carry out the purposes of this section and may enforce this section, and any rules promulgated under this section, through agency and department provisions and rules which shall be similar to those established and in effect under title VI of the Civil Rights Act of 1964. The provisions of this section shall be considered to be in addition to and not in lieu of the provisions of title VI of the Civil Rights Act of 1964."

Every application for airport development assistance must contain or be accompanied by an assurance that the assisted facility will be operated in compliance with Title VI.

Compliance is monitored by the FAA Civil Rights Staff. Of the 1,957 airports currently obligated to Title VI compliance, 130 are reviewed on-site and the remainder off-site. The off-site review consists of a review of the annual report filed by each grantee.

There is a complaint mechanism by which persons who think they have been denied a Title VI guarantee may seek redress. Such complaints are investigated by the Office of the Secretary of Transportation. During the last fiscal year three complaints were received. None resulted in a finding of denial.

During the same time 303 Title VI reviews were conducted. None resulted in a finding of denial.

When an airport development assistance grant is for construction the prime contractor and its subcontractors having contracts in excess

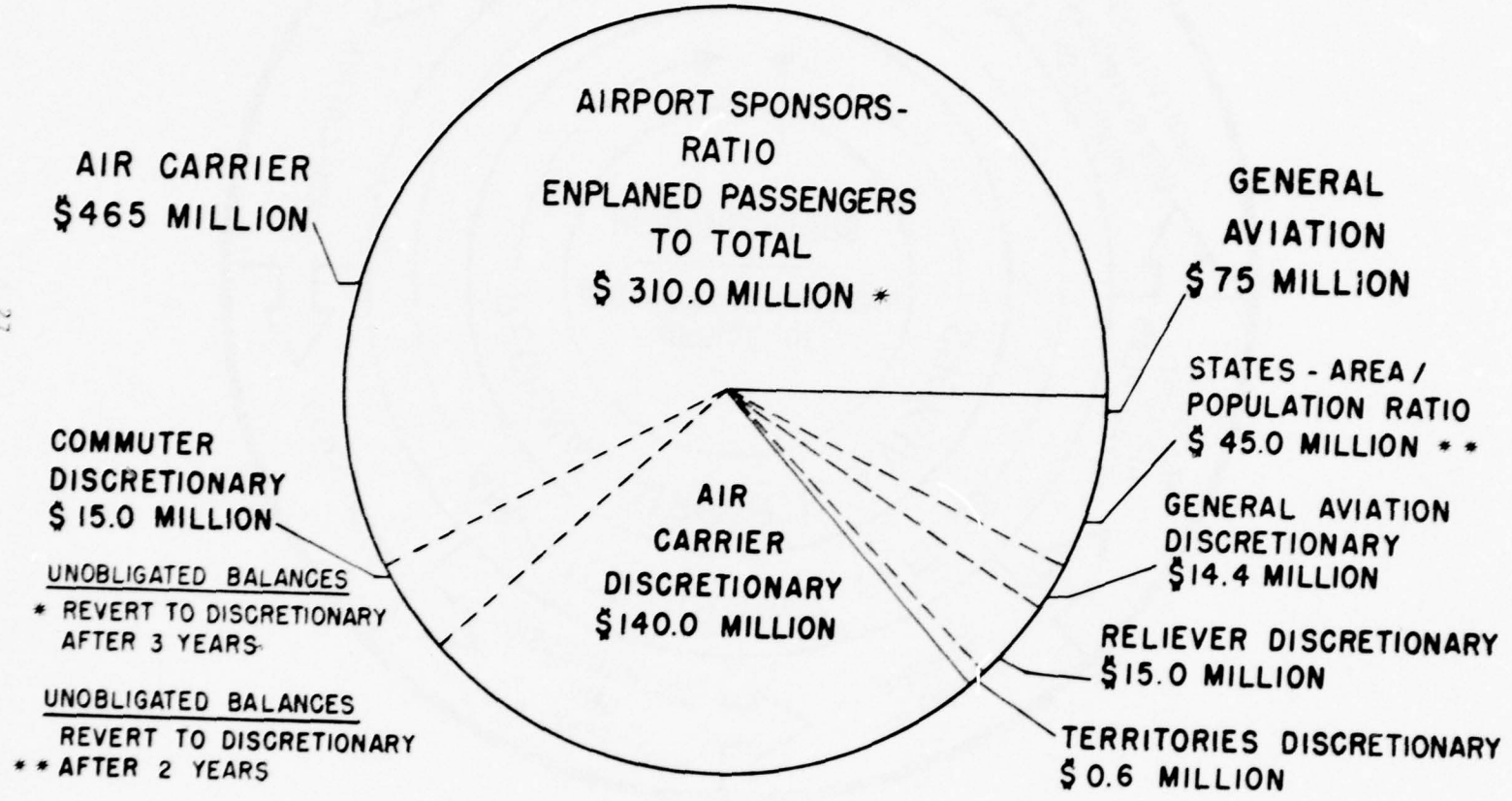
of $10,000 are covered by Executive Order 11246 and rules and regulations of the Office of Federal Contract Compliance Programs (OFCCP). The grantee is similarly covered if it participates in the construction.

Most of the airport development grants awarded during the fiscal year were for construction. During the fiscal year notice to show cause why sanction action should not be initiated for alleged noncompliance was issued to one contractor. It was resolved by voluntary action by the contractor. No grantees were found to be in noncompliance with the Executive Order.

The FAA continued its special emphasis program to assure that American Indians are aware of grant possibilities and the means of successfully applying for them. It is expected that American Indian tribes will become more active in developing new airports and upgrading old ones as their economic growth continues.

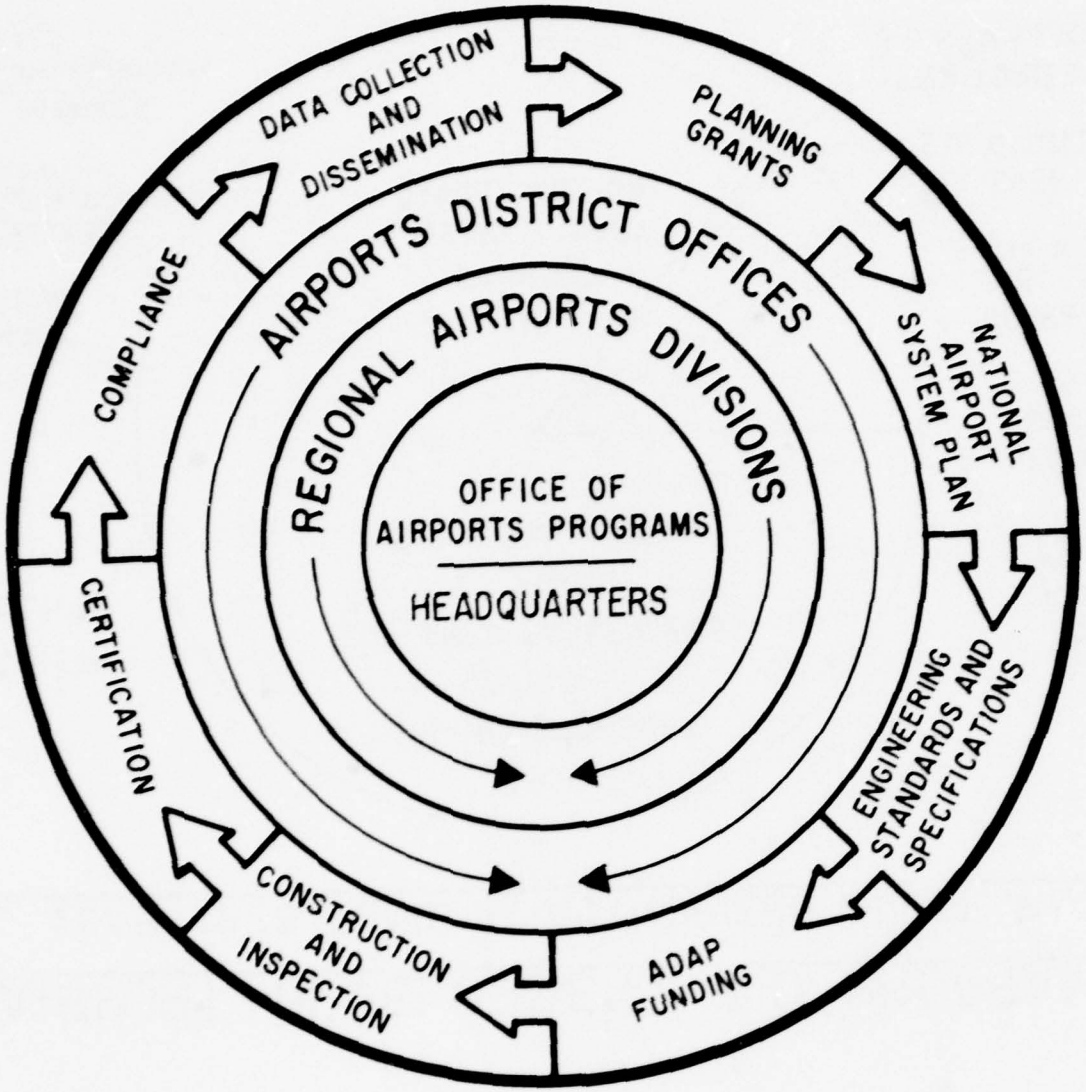
AIRPORT DEVELOPMENT AID PROGRAM

FISCAL YEAR 1978 FUNDING AUTHORIZED UNDER P.L. 94-353



TOTAL PROGRAM FUND AVAILABILITY - $ 540 MILLION

AIRPORTS PROGRAM CYCLE



ADAP FUNDING AND PERFORMANCE

(IN MILLIONS)

FISCAL YR	AIRPORT & AIRWAY DEV. ACTS	OBLIGATIONAL AUTHORITY	NET OBLIGATIONS	NO. OF PROJECTS	UNOBLIG. BALANCE
1971	280.0	170.0	170.0	231	110.0
1972	280.0	280.0	280.0	464	——
1973	280.0	280.0	206.6	450	73.4
1974	310.0	300.0	299.7	646	10.3
1975	335.0	339.9	339.9	643	-(4.9)
1976 + TQ	500.0	437.5	416.3	525	83.7
1977	510.0	545.0 1/	506.3	757	3.7
1978	540.0	540.0	539.8	761	0.2
TOTALS	3,035.0	2,892.4	2,758.6	4,477	276.4

1/ $35 MILLION PROVIDED UNDER ECONOMIC STIMULUS APPROPRIATIONS ACT 1977 (P.L. 95-29)

DATA AS OF 9/30/78

KEY PROVISIONS

"AIRPORT AND AIRWAY DEVELOPMENT ACT AMENDMENTS OF 1976"

FUNDING LEVELS ($MILLIONS)	'76 (+TQ)	'77	'78	'79	'80
• ADAP (DEVELOPMENT):	500	510	540	575	610
AIR CARRIER	435	440	465	495	525
GENERAL AVIATION	65	70	75	80	85
• PGP (PLANNING):	(15)	15	15	15	15

- STATE GA STANDARDS $1,275,000.

FUNDS DISTRIBUTION (ADAP)

- AIR CARRIER: 2/3 ENPLANEMENT APPORTIONMENTS (FORMULA)
  1/3 DISCRETIONARY ($15 MILLION RESERVED FOR COMMUTERS)

- GENERAL AVIATION: $15 MILLION - RELIEVERS (OFF TOP).
  75% STATE APPORTIONMENTS (AREA/POP. RATIO).
  24% DISCRETIONARY.
  1% U.S. ISLANDS AND TERRITORIES.

NO. 1

OBLIGATING AUTHORITY

5-YEAR PROGRAM AUTHORIZATION - 9/30/80

MULTI-YEAR PROJECT FUNDING

SPONSORS' NOTIFICATION OF APPORTIONMENTS DUE BY APRIL 1st

NEW LEGISLATION NEEDED FOR DISCRETIONARY FUNDS IN FY 1980

TERMINAL DEVELOPMENT LIMITED TO 60% OF AC SPONSORS' APPORTIONMENT

STATE LIMITED TO: 10% PGP FUNDS; AND $ 25,000 FOR GA STANDARDS

FEDERAL SHARE (ADAP AND PGP PROJECTS)

75%: AIR CARRIERS ENPLANING .25% OR MORE TOTAL ANNUAL PASSENGERS
AIRPORT SYSTEM PLANS
STATE GA STANDARDS DEVELOPMENT

90%/80%*: AIR CARRIERS ENPLANING LESS THAN .25% TOTAL ANNUAL PASSENGRS, COMMUTER, RELIEVERS, AND OTHER GA AIRPORTS

50% AIR CARRIER TERMINAL AREA DEVELOPMENT

*90% REDUCE TO 80% FOR FY '79 AND '80

NEW DEFINITIONS/ PROJECT ELIGIBILITY

- AIR CARRIER AIRPORT: INCLS. "COMMUTER SERVICE" AND LONG BEACH, CALIFORNIA.
- COMMUTER SERVICE AIRPORT: CAB 401(a) EXEMPTION; 2,500 ANNUAL ENPLANEMENTS.
- ADAP ELIGIBLE: SNOW REMOVAL EQUIPMENT.
  NOISE SUPPRESSION EQUIPMENT.
  PHYSICAL BARRIERS AND LANDSCAPING (NOISE)
  LAND ACQUISITION FOR NOISE COMPATIBILITY.
  AIR CARRIER TERMINAL AREA DEVELOPMENT.
- PGP ELIGIBLE: LAND USE STUDIES (AIRPORT MASTER PLANNING).
- AIRPORT STANDARDS: STATE DEVELOPED GA AIRPORT STANDARDS.

TERMINAL AREA DEVELOPMENT (AIR CARRIER)

- ALLOWABLE PROJECTS: NONREVENUE PRODUCING, PUBLIC-USE AREAS FOR MOVEMENT OF PASSENGERS AND BAGGAGE WITHIN AIRPORT.
- SPONSOR CERTIFICATION: REQUIRED SAFETY AND SECURITY EQUIPMENT ACQUIRED. GENERAL AVIATION ACCESS TO TERMINAL FACILITIES PROVIDED.
- INDEBTEDNESS RETIREMENT: NO DELAY IN AIRFIELD DEVELOPMENT. NO FUNDING OF TERMINAL AREA FOR FOLLOWING 3 YEARS.

PROJECT APPROVAL/STANDARDS

- AIRPORT IS IN REVISED NASP.
- PROJECT MEETS FAA OR APPROVED STATE GA DEVELOPMENT STANDARDS.
- AIRPORT USERS CONSULTED: AIR CARRIER – AIRLINES.
  GENERAL AVIATION – FBOs.
- FEDERAL SHARE NOT INCLUDED IN AIRPORTS' RATES, FEES, ETC.
- NO DISCRIMINATION IN AIRPORTS' CHARGES AND REGULATIONS.
- AFFIRMATIVE CIVIL RIGHTS ACTION TAKEN.
- PRESENT ENVIRONMENTAL REQUIREMENTS HAVE BEEN MET.
- SPONSOR'S CERTIFICATION AUTHORIZED – THAT IT WILL COMPLY WITH ALL STATUTORY AND ADMINISTRATIVE REQUIREMENTS IMPOSED UNDER THE ACT.

AIRPORT SAFETY/SECURITY EXEMPTIONS (FEDERAL AVIATION ACT OF 1958)

- SECTION 612 (C/F/R) – AIR CARRIERS' ENPLANING <.25% OF TOTAL, IF UNREASONABLY COSTLY, BURDENSOME OR IMPRACTICAL.
- SECTIONS 315/316 (SECURITY) – ALASKAN AIR CARRIERS ENPLANING <.25% OF TOTAL, WITHIN THE STATE.

NATIONAL AIRPORT SYSTEM PLAN (NASP)

- PREPARE AND PUBLISH REVISED NASP BY 1/1/78.
- CONSULT WITH CAB, EACH STATE AND AIRPORT SPONSOR.
- IDENTIFY LEVEL OF PUBLIC SERVICE AND USES MADE OF EACH AIRPORT.
- INCLUDE PROJECTED 10-YEAR DEVELOPMENT- WITH ESTIMATED COSTS SUFFICIENTLY ACCURATE FOR FUTURE YEAR APPORTIONMENTS.
- INCLUDE FOLLOWING AIRPORT CATEGORIES:

  AIR CARRIERS
  COMMUTER SERVICE
  RELIEVERS
  GENERAL AVIATION

STATE DEMONSTRATION PROGRAM (GENERAL AVIATION)

DELEGATION OF ADAP GRANT ADMINISTRATION FOR GA TO 4 STATES.

MUST MEET SECRETARY'S REQUIREMENTS.

NO FUNDING OF STATE ADMINISTRATIVE COSTS.

EVALUATION OF DEMONSTRATION SENT TO CONGRES IN JUNE 1978.

DEMONSTRATION PROJECT / SPECIAL STUDIES

$3 MILLION - MULTI - MODAL TERMINAL DEMONSTRATION PROJECT, SOUTH BEND, INDIANA.

POTENTIAL CLOSURE OF AIRPORTS STUDY SUBMITTED TO CONGRESS JANUARY 1978.

OTHER STUDIES SUBMITTED TO CONGRESS

LANDBANKING	DECEMBER 1977
NEW MAJOR AIRPORTS	DECEMBER 1977
SOUNDPROOFING	JULY 1977

APPENDIX A
PROJECTS APPROVED UNDER THE PLANNING GRANT PROGRAM (PGP) BY REGION

FISCAL YEAR 1978 SUMMARY

Region	State	Projects	Federal Funds
ACE	Iowa	6	179,349
	Kansas	7	157,912
	Missouri	5	527,944
	Nebraska	3	269,792
		21	1,134,997
AEA	Delaware	1	62,305
	Dist. of Col.	1	30,000
	Maryland	3	129,438
	New Jersey	2	133,524
	New York	8	755,411
	Pennsylvania	6	449,679
	Virginia	6	321,378
		27	1,881,735
AGL	Illinois	6	726,153
	Indiana	6	177,454
	Michigan	3	621,261
	Ohio	6	218,551
	Wisconsin	2	101,576
		23	1,844,995
ANE	Connecticut	4	121,487
	Maine	3	150,036
	Massachusetts	7	353,936
	New Hampshire	3	107,690
	Rhode Island	1	34,346
		18	767,495
ANW	Idaho	4	161,161
	Oregon	15	884,190
	Washington	6	178,769
		25	1,224,120
APC	Hawaii	1	375,000
	TTPI	3	115,380
		4	490,380
ARM	Colorado	11	396,025
	Montana	4	190,492
	N. Dakota	3	96,013
	S. Dakota	2	17,100
	Utah	2	31,790
	Wyoming	3	120,924
		25	852,344
ASO	Alabama	1	22,500
	Florida	10	838,875
	Georgia	4	677,797
	Kentucky	1	55,612
	Mississippi	2	30,397
	N. Carolina	3	285,400
	Puerto Rico	1	117,385
	S. Carolina	3	102,190
	Tennessee	5	159,855
		30	2,290,011
ASW	Arkansas	2	166,140
	Louisiana	5	237,764
	New Mexico	5	186,412
	Oklahoma	8	356,458
	Texas	19	663,911
		39	1,610,685
AWE	Arizona	8	349,042
	California	18	1,407,271
	Nevada	4	404,205
		30	2,160,518
NATIONAL TOTAL		242	$14,257,280

APPENDIX B
PLANNING GRANT PROGRAM
PROJECTS PLACED UNDER GRANT AGREEMENT

FISCAL YEAR 1978

STATE NAME OF AIRPORT OR PLANNING AREA LOCATION SPONSOR	TYPE OF AIRPORT	FEDERAL FUNDS	TYPE STUDY
ALABAMA			
Craig Field Selma, Alabama Craig Field Airport and Industrial Authority	General Aviation	$ 22,500	Airport Master Plan
ARIZONA			
Nogales International Airport Nogales, Arizona County of Santa Cruz	General Aviation	$ 34,227	Airport Master Plan
Parker Municipal Airport Parker, Arizona Town of Parker	General Aviation	$ 22,765	Airport Master Plan
Prescott Municipal Airport Prescott, Arizona City of Prescott	General Aviation	$ 26,644	Airport Master Plan
Safford Municipal Airport Safford, Arizona City of Safford	General Aviation	$ 24,581	Airport Master Plan
Springerville-Eagar Municipal Airport Springerville, Arizona Town of Springerville	General Aviation	$ 27,318	Airport Master Plan
St. Johns Municipal Airport St. Johns, Arizona City of St. Johns	General Aviation	$ 23,530	Airport Master Plan
Tucson International Airport Tucson, Arizona City of Tucson	Air Carrier	$ 87,602	Airport Master Plan
State of Arizona Arizona Department of Transportation		$102,375	State Airport System Plan (Update)

APPENDIX B

ARKANSAS			
Adams Field Little Rock, Arkansas City of Little Rock	Air Carrier	$134,640	Airport Master Plan (ANCLUC)
West Memphis Municipal Airport West Memphis, Arkansas City of West Memphis	General Aviation (Reliever)	$ 31,500	Airport Master Plan
CALIFORNIA			
Antioch Airport Antioch, California County of Contra Costa	General Aviation (Reliever)	$ 59,778	Airport Master Plan
Auburn Municipal Airport Auburn, California City of Auburn	General Aviation	$ 22,680	Airport Master Plan
Avalon Airport (New) Avalon, California City of Avalon	General Aviation	$100,886	Airport Master Plan
Bakersfield Airpark Bakersfield, California City of Bakersfield	General Aviation	$ 26,280	Airport Master Plan
Bass Lake Airport (New) Bass Lake, California County of Madera	General Aviation	$ 32,400	Airport Master Plan
Bishop Airport Bishop, California County of Inyo	Air Carrier (Commuter)	$ 28,595	Airport Master Plan
Chico Municipal Airport Chico, California City of Chico	Air Carrier	$ 27,810	Airport Master Plan
Columbia Airport Columbia-Sonora, California County of Tuolumne	General Aviation	$ 21,960	Airport Master Plan
Long Beach Airport (Daugherty Field) Long Beach, California City of Long Beach	Air Carrier	$112,246	Airport Master Plan

Los Angeles International Airport Los Angeles, California City of Los Angeles Department of Airports	Air Carrier	$498,250	Airport Master Plan (ANCLUC)
Sky Park Airport Santa Cruz, California City of Santa Cruz Department of Public Works	General Aviation	$ 30,240	Airport Master Plan
Santa Maria Public Airport Santa Maria, California Santa Maria Public Airport District	Air Carrier	$ 49,270	Airport Master Plan
Susanville Municipal Airport Susanville, California City of Susanville	General Aviation	$ 24,300	Airport Master Plan
Truckee-Tahoe Airport Truckee, California Truckee-Tahoe Airport District	General Aviation	$ 49,500	Airport Master Plan
Willows-Glenn County Airport Willows, California Glenn County Planning Department	General Aviation	$ 29,700	Airport Master Plan
Monterey Bay, California, Area Association of Monterey Bay Area Governments		$ 30,000	Regional Airport System Plan
Sacramento, California Regional Area Sacramento Regional Area Planning Commission		$ 30,000	Metropolitan Airport System Plan (Continuous)
Six Southern California Counties Southern California Association of Governments		$233,376	Metropolitan Airport System Plan (Continuous, Second Year)
COLORADO			
Cortez-Montezuma County Airport Cortez, Colorado Cities of Cortez and Montezuma	Air Carrier	$ 36,000	Airport Master Plan

APPENDIX B

Arapahoe County Airport Denver, Colorado County of Arapahoe	General Aviation (Reliever)	$ 44,820	Airport Master Plan
Southwest Denver Airport (New) Denver, Colorado Denver Regional Council of Governments, Agent for Counties of Arapahoe, Douglas, and Jefferson and County and City of Denver	General Aviation (Reliever)	$ 28,500	Airport Master Plan (Phase I)
Southwest Denver Airport (New) Denver, Colorado Denver Regional Council of Governments, Agent for Counties of Arapahoe, Douglas, and Jefferson and County and City of Denver	General Aviation (Reliever)	$ 61,500	Airport Master Plan (Phase II)
Ft. Morgan Municipal Airport Ft. Morgan, Colorado County of Morgan	General Aviation	$ 39,526	Airport Master Plan
Gunnison County Airport Gunnison, Colorado County of Gunnison	Air Carrier	$ 44,010	Airport Master Plan
Holyoke Airport (New) Holyoke, Colorado County of Phillips and Town of Holyoke	General Aviation	$ 26,532	Airport Master Plan
Longmont Municipal Airport Longmont, Colorado City of Longmont	General Aviation	$ 31,752	Airport Master Plan
Montrose County Airport Montrose, Colorado County of Montrose	Air Carrier	$ 29,736	Airport Master Plan
Archuleta County Airport (Stevens Field) Pagosa Springs, Colorado County of Archuleta	General Aviation	$ 22,149	Airport Master Plan

Denver, Colorado Metropolitan Area Denver Regional Council of Governments		$ 31,500	Regional Airport System Plan
CONNECTICUT			
Trumbull Field Groton, Connecticut State of Connecticut Department of Transportation	Air Carrier (Commuter)	$ 90,200	Airport Master Plan
Tweed-New Haven Airport New Haven, Connecticut City of New Haven	Air Carrier	$ 7,897	Airport Master Plan
Windham State Airport Willimantic, Connecticut State of Connecticut	General Aviation	$ 20,468	Airport Master Plan
Windham State Airport Willimantic, Connecticut State of Connecticut	General Aviation	$ 2,922	Airport Master Plan
DELAWARE			
Greater Wilmington Airport Wilmington, Delaware County of New Castle	Air Carrier (Commuter)	$ 62,305	Airport Master Plan
DISTRICT OF COLUMBIA			
Washington, D.C., Metropolitan Area Metropolitan Washington Council of Governments		$ 30,000	Metropolitan Airport System Plan (Continuous, First Year)
FLORIDA			
Arcadia Municipal Airport Arcadia, Florida City of Arcadia	General Aviation	$ 27,225	Airport Master Plan

Bartow Municipal Airport Bartow, Florida Bartow Municipal Airport Development Authority	General Aviation	$ 10,350	Airport Master Plan
Boca Raton Municipal Airport Boca Raton, Florida Florida Board of Regents	General Aviation	$ 38,291	Airport Master Plan
Ft. Lauderdale-Hollywood International Airport Ft. Lauderdale, Florida County of Broward	Air Carrier	$ 70,861	Airport Master Plan
Ft. Lauderdale-Hollywood International Airport Ft. Lauderdale, Florida County of Broward	Air Carrier	$ 74,918	Airport Master Plan (ANCLUC)
Miami International Airport Miami, Florida Dade County Board of County Commissioners	Air Carrier	$205,509	Airport Master Plan
Orlando International Airport Orlando, Florida City of Orlando	Air Carrier	$ 87,096	Airport Master Plan (ANCLUC)
Panama City-Bay County Airport Panama City, Florida Panama City-Bay County Airport and Industrial District	Air Carrier	$ 53,202	Airport Master Plan
Tampa International Airport Tampa, Florida Hillsborough County Aviation Authority	Air Carrier	$225,000	Airport Master Plan
Tampa International Airport Tampa, Florida Hillsborough County Aviation Authority	Air Carrier	$ 46,423	Airport Master Plan
GEORGIA			
William B. Hartsfield Atlanta International Airport Atlanta, Georgia County of Clayton and Cities of Atlanta, College Park, and Forest Park	Air Carrier	$477,198	Airport Master Plan (ANCLUC)

DeKalb/Rockdale County Airport (New) Lithonia, Georgia Counties of DeKalb and Rockdale	General Aviation (Reliever)	$ 86,868	Airport Master Plan
Henry County Airport McDonough, Georgia County of Henry	General Aviation	$ 71,649	Airport Master Plan
Moultrie Municipal Airport Moultrie, Georgia City of Moultrie	Air Carrier	$ 42,082	Airport Master Plan
HAWAII			
Honolulu International Airport Honolulu, Hawaii State of Hawaii	Air Carrier	$375,000	Airport Master Plan (ANCLUC)
IDAHO			
McCarley Field Blackfoot, Idaho City of Blackfoot	General Aviation	$ 27,130	Airport Master Plan
Freedman Memorial Airport Hailey, Idaho County of Blaine and City of Hailey	Air Carrier (Commuter)	$ 31,193	Airport Master Plan
Lewiston-Nez Perce County Airport Lewiston, Idaho County of Nez Perce and City of Lewiston	Air Carrier	$ 60,988	Airport Master Plan (ANCLUC)
Twin Falls City/County Airport-Joslin Field Twin Falls, Idaho City of Twin Falls	Air Carrier	$ 41,850	Airport Master Plan
ILLINOIS			
Chicago Midway Airport Chicago, Illinois City of Chicago	Air Carrier	$ 93,115	Airport Master Plan

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Chicago O'Hare International Airport Chicago, Illinois City of Chicago	Air Carrier	$427,322	Airport Master Plan
DeKalb Municipal Airport DeKalb, Illinois City of DeKalb	General Aviation	$ 42,646	Airport Master Plan
Williamson County Airport Marion, Illinois Williamson County Airport Authority	Air Carrier	$ 36,581	Airport Master Plan
Pekin Municipal Airport Pekin, Illinois City of Pekin	General Aviation	$ 18,489	Airport Master Plan
Palwaukee Airport Wheeling, Illinois Village of Wheeling	General Aviation (Reliever)	$108,000	Airport Master Plan
INDIANA			
Aurora Municipal Airport Aurora, Indiana Aurora Board of Aviation Commissioners	General Aviation	$ 37,044	Airport Master Plan
Franklin Municipal Airport Franklin, Indiana Franklin Board of Aviation	General Aviation	$ 27,000	Airport Master Plan
Kendallville Municipal Airport Kendallville, Indiana Kendallville Board of Aviation Commissioners	General Aviation	$ 27,570	Airport Master Plan
White County Municipal Airport Monticello, Indiana White County Board of Aviation Commissioners	General Aviation	$ 23,400	Airport Master Plan
Hulman Field Terre Haute, Indiana Hulman Field Airport Authority	Air Carrier (Commuter)	$ 40,500	Airport Master Plan

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Daviess County Airport Washington, Indiana Daviess County Board of Aviation Commissioners	General Aviation	$ 24,940	Airport Master Plan
IOWA			
Ames Municipal Airport Ames, Iowa City of Ames	General Aviation	$ 36,145	Airport Master Plan
Burlington Municipal Airport Burlington, Iowa City of Burlington	Air Carrier	$ 51,893	Airport Master Plan (ANCLUC)
Denison Municipal Airport Denison, Iowa City of Denison	General Aviation	$ 18,540	Airport Master Plan
Estherville Municipal Airport Estherville, Iowa Cities of Estherville and Spirit Lake	General Aviation	$ 29,463	Airport Master Plan
Iowa City Municipal Airport Iowa City, Iowa City of Iowa City	General Aviation	$ 30,708	Airport Master Plan
Pocahontas Municipal Airport Pocahontas, Iowa City of Pocahontas	General Aviation	$ 12,600	Airport Master Plan
KANSAS			
Augusta Municipal Airport Augusta, Kansas City of Augusta	General Aviation (Reliever)	$ 13,950	Airport Master Plan
Stanton County Municipal Airport Johnson City, Kansas County of Stanton	General Aviation	$ 16,000	Airport Master Plan
Ottawa Municipal Airport Ottawa, Kansas City of Ottawa	General Aviation	$ 17,660	Airport Master Plan
Tribune Municipal Airport Tribune, Kansas County of Greeley and City of Tribune	General Aviation	$ 18,805	Airport Master Plan

Wichita Mid-Continent Airport Wichita, Kansas Wichita Airport Authority	Air Carrier	$ 45,747	Airport Master Plan
Strother Field Winfield, Kansas Cities of Arkansas City and Winfield	General Aviation	$ 15,750	Airport Master Plan
Butler, Harvey, and Sedgwick Counties Wichita, Kansas Wichita-Sedgwick County Metropolitan Area Planning Commission		$ 30,000	Metropolitan Airport System Plan
KENTUCKY			
Greater Cincinnati Airport Covington, Kentucky County of Kenton and Kenton County Airport Board	Air Carrier	$ 55,612	Airport Master Plan (ANCLUC)
LOUISIANA			
East Baton Rouge Parish Airport (New) Baton Rouge, Louisiana State of Louisiana and Greater Baton Rouge Airport District	General Aviation	$ 57,474	Airport Master Plan
Ryan Airport (New Site Selection) Baton Rouge, Louisiana State of Louisiana and Greater Baton Rouge Airport District	Air Carrier	$ 71,935	Airport Master Plan
Lake Charles Municipal Airport Lake Charles, Louisiana State of Louisiana; Calcasieu Parish, Louisiana; Police Jury; and the Airport Authority for Airport District Number One, Calcasieu Parish, Louisiana	Air Carrier	$ 44,991	Airport Master Plan (ANCLUC)
False River Airpark New Roads, Louisiana State of Louisiana, Parrish of Pointe Coupee and City of New Roads	General Aviation	$ 29,645	Airport Master Plan

New Orleans, Louisiana Metropolitan and Regional Area New Orleans, Louisiana State of Louisiana		$ 33,719	Metropolitan Airport System Plan
MAINE			
Augusta State Airport Augusta, Maine State of Maine Department of Transportation	Air Carrier	$ 55,824	Airport Master Plan
Central Maine Airport Norridgewock, Maine Norridgewock Regional Airport Authority	General Aviation	$ 9,000	Airport Master Plan
Portland International Airport Portland, Maine City of Portland	Air Carrier	$ 85,212	Airport Master Plan (ANCLUC)
MARYLAND			
St. Mary's County Airport Leonardtown, Maryland County Commissioners of St. Mary's County	General Aviation	$ 23,400	Airport Master Plan
Garrett County Airport Oakland, Maryland Garrett County Commissioners	General Aviation	$ 46,038	Airport Master Plan
State of Maryland Maryland Department of Transportation		$ 60,000	State Airport System Plan (Continuous, Second Year)
MASSACHUSETTS			
L. G. Hanscom Field Bedford, Massachusetts Massachusetts Port Authority	General Aviation (Reliever)	$121,757	Airport Master Plan (ANCLUC)
Logan International Airport Boston, Massachusetts Massachusetts Port Authority	Air Carrier	$ 50,400	Airport Master Plan (Supplemental)

Fall River Municipal Airport Fall River, Massachusetts Fall River Airport Commission	General Aviation	$ 25,589	Airport Master Plan
Martha's Vineyard Municipal Airport Martha's Vineyard, Massachusetts County of Dukes	Air Carrier	$ 43,110	Airport Master Plan
Westborough Airport Westborough, Massachusetts Town of Westborough	General Aviation	$ 1,080	Airport Master Plan (Supplemental)
Commonwealth of Massachusetts Massachusetts Aeronautics Commission		$ 79,904	State Airport System Plan (Continuous)
Commonwealth of Massachusetts Massachusetts Aeronautics Commission		$ 32,096	State Airport System Plan
MICHIGAN			
Detroit Metropolitan/Wayne County Airport Detroit, Michigan County of Wayne	Air Carrier	$344,250	Airport Master Plan
Willow Run Airport Detroit, Michigan County of Wayne	General Aviation (Reliever)	$237,780	Airport Master Plan
St. Clair County International Airport Port Huron, Michigan County of St. Clair	General Aviation	$ 39,231	Airport Master Plan
MISSISSIPPI			
Gulfport Municipal Airport Gulfport, Mississippi Gulfport-Biloxi Regional Airport Authority and City of Gulfport	Air Carrier	$ 22,567	Airport Master Plan
Jackson County Airport (New) Pascagoula, Mississippi County of Jackson	General Aviation	$ 7,830	Airport Master Plan

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MISSOURI			
Kansas City International Airport Kansas City, Missouri City of Kansas City	Air Carrier	$416,864	Airport Master Plan
Kennett Memorial Airport Kennett, Missouri City of Kennett	General Aviation	$ 41,262	Airport Master Plan
Omar N. Bradley Airport Moberly, Missouri City of Moberly	General Aviation	$ 22,751	Airport Master Plan
St. Clair Memorial Airport St. Clair, Missouri City of St. Clair	General Aviation	$ 23,067	Airport Master Plan
Metropolitan Kansas City Area Mid America Regional Council		$ 24,000	Regional Airport System Plan (Continuous)
MONTANA			
Baker Municipal Airport Baker, Montana County of Fallon and City of Baker	General Aviation	$ 36,996	Airport Master Plan
Bert Mooney-Silver Bow County Airport Butte, Montana County of Silver Bow and City of Butte	Air Carrier	$ 50,423	Airport Master Plan
Great Falls International Airport Great Falls, Montana City of Great Falls	Air Carrier	$ 71,852	Airport Master Plan (ANCLUC)
Helena Airport Helena, Montana Counties of Clark and Lewis and City of Helena	Air Carrier	$ 31,221	Airport Master Plan
NEBRASKA			
Lincoln Municipal Airport Lincoln, Nebraska Lincoln Airport Authority	Air Carrier	$106,525	Airport Master Plan (ANCLUC)

Eppley Airfield Omaha, Nebraska Omaha Airport Authority	Air Carrier	$131,767	Airport Master Plan (ANCLUC)
West Point Municipal Airport (New) West Point, Nebraska City of West Point	General Aviation	$ 31,500	Airport Master Plan
NEVADA			
McCarran International Airport Las Vegas, Nevada County of Clark	Air Carrier	$109,688	Airport Master Plan
McCarran International Airport Las Vegas, Nevada County of Clark	Air Carrier	$ 52,462	Airport Master Plan
McCarran International Airport Las Vegas, Nevada County of Clark	Air Carrier	$116,055	Airport Master Plan (ANCLUC)
Reno International Airport Reno, Nevada County of Washoe and Cities of Reno and Sparks	Air Carrier	$126,000	Airport Master Plan (ANCLUC)
NEW HAMPSHIRE			
Laconia Municipal Airport Laconia, New Hampshire City of Laconia Airport Authority	Air Carrier (Commuter)	$ 49,320	Airport Master Plan
Manchester Municipal Airport Manchester, New Hampshire City of Manchester Airport Authority	Air Carrier	$ 54,000	Airport Master Plan
Skyhaven Airport Rochester, New Hampshire State of New Hampshire Aeronautics Commission	General Aviation	$ 4,370	Airport Master Plan

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NEW JERSEY			
Atlantic City Municipal (NAFEC) Airport Atlantic City, New Jersey City of Atlantic City	General Aviation	$101,124	Airport Master Plan
Burlington County Airpark Mount Holly, New Jersey New Jersey State Department of Transportation, County of Burlington, and Township of Lumberton	General Aviation	$ 32,400	Airport Master Plan
NEW MEXICO			
South Dona Ana County Airport Anapra, New Mexico County of Dona Ana	General Aviation (Reliever)	$ 17,400	Airport Master Plan
Chama Municipal Airport (New) Chama, New Mexico City of Chama	General Aviation	$ 54,000	Airport Master Plan
Roswell Industrial Air Center Roswell, New Mexico City of Roswell	Air Carrier	$ 40,860	Airport Master Plan
Santa Fe County Municipal Airport Santa Fe, New Mexico City of Santa Fe	Air Carrier (Commuter)	$ 51,652	Airport Master Plan
Silver City-Grant County Airport Silver City, New Mexico County of Grant	Air Carrier	$ 22,500	Airport Master Plan
NEW YORK			
Albany County Airport Albany, New York County of Albany	Air Carrier	$105,750	Airport Master Plan (ANCLUC)
Greater Buffalo International Airport Buffalo, New York Niagara Frontier Transportation Authority	Air Carrier	$110,759	Airport Master Plan

Long Island-MacArthur Airport Islip, New York Town of Islip	Air Carrier	$ 80,561	Airport Master Plan (ANCLUC)
Niagara Falls International Airport Niagara Falls, New York Niagara Frontier Transportation Authority	General Aviation (Reliever)	$ 92,451	Airport Master Plan
Oneida County Airport Utica, New York County of Oneida	Air Carrier	$ 67,095	Airport Master Plan
Suffolk County Airport Westhampton Beach, New York County of Suffolk	General Aviation	$ 66,936	Airport Master Plan
Westchester County Airport White Plains, New York County of Westchester	Air Carrier	$170,992	Airport Master Plan
Westchester County Airport White Plains, New York County of Westchester	Air Carrier	$ 60,867	Airport Master Plan (ANCLUC)
NORTH CAROLINA			
Raleigh-Durham Airport Raleigh, North Carolina Raleigh-Durham Airport Authority	Air Carrier	$ 19,500	Airport Master Plan
Raleigh-Durham Airport Raleigh, North Carolina Raleigh-Durham Airport Authority	Air Carrier	$250,000	Airport Master Plan
State of North Carolina North Carolina Department of Transportation		$ 15,900	State Airport System Plan (Continuous, First Year)

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NORTH DAKOTA			
Beulah-Hazen Airport (New) Beulah-Hazen, North Dakota Beulah Airport Authority and Hazen Airport Authority	General Aviation	$ 15,237	Airport Master Plan
Hector Field Fargo, North Dakota Fargo Municipal Airport Authority	Air Carrier	$ 45,000	Airport Master Plan
Jamestown Municipal Airport Jamestown, North Dakota Jamestown Airport Authority	Air Carrier	$ 35,776	Airport Master Plan
OHIO			
Port Bucyrus-Crawford County Airport Bucyrus, Ohio City of Bucyrus	General Aviation	$ 24,993	Airport Master Plan
Cleveland-Hopkins International Airport Cleveland, Ohio City of Cleveland	Air Carrier	$ 50,000	Airport Master Plan (ANCLUC)
Hamilton Airport Hamilton, Ohio City of Hamilton	General Aviation	$ 51,227	Airport Master Plan
Marion Municipal Airport Marion, Ohio City of Marion	General Aviation	$ 24,993	Airport Master Plan
Carl Keller Field Port Clinton, Ohio Erie-Ottawa-Sandusky Regional Airport Authority	General Aviation	$ 42,345	Airport Master Plan
Seneca County Airport Tiffin, Ohio County of Seneca	General Aviation	$ 24,993	Airport Master Plan
OKLAHOMA			
Clinton Municipal Airport Clinton, Oklahoma City of Clinton	General Aviation	$ 16,200	Airport Master Plan

Edmond Municipal Airport (New) Edmond, Oklahoma City of Edmond	General Aviation	$ 53,548	Airport Master Plan
Guymon Municipal Airport Guymon, Oklahoma City of Guymon	General Aviation	$ 39,735	Airport Master Plan
Nash Municipal Airport Hugo, Oklahoma City of Hugo	General Aviation	$ 20,250	Airport Master Plan
Will Rogers World Airport Oklahoma City, Oklahoma City of Oklahoma City	Air Carrier	$ 84,750	Airport Master Plan (ANCLUC)
Pauls Valley Municipal Airport Pauls Valley, Oklahoma City of Pauls Valley	General Aviation	$ 32,175	Airport Master Plan
Riverside Airport Tulsa, Oklahoma City of Tulsa	General Aviation (Reliever)	$ 93,600	Airport Master Plan (ANCLUC)
Thomas P. Stafford Airport Weatherford, Oklahoma City of Weatherford	General Aviation	$ 16,200	Airport Master Plan

OREGON

Albany Municipal Airport Albany, Oregon City of Albany	General Aviation	$ 45,000	Airport Master Plan
Baker Municipal Airport Baker, Oregon City of Baker	General Aviation	$ 28,206	Airport Master Plan
Bend Municipal Airport Bend, Oregon City of Bend	General Aviation	$ 35,995	Airport Master Plan
Mahlon-Sweet Field Eugene, Oregon City of Eugene	Air Carrier	$ 46,800	Airport Master Plan
Florence Municipal Airport Florence, Oregon City of Florence	General Aviation	$ 22,644	Airport Master Plan

LaGrande Municipal Airport LaGrande, Oregon City of LaGrande	General Aviation	$ 28,674	Airport Master Plan
Newport Municipal Airport Newport, Oregon City of Newport	General Aviation	$ 27,737	Airport Master Plan
North Bend Municipal Airport North Bend, Oregon City of North Bend	Air Carrier	$ 42,300	Airport Master Plan
Ontario Municipal Airport Ontario, Oregon City of Ontario	General Aviation	$ 30,234	Airport Master Plan
Portland International Airport Portland, Oregon Port of Portland	Air Carrier	$236,655	Airport Master Plan (Phase II)
Portland International Airport Portland, Oregon Port of Portland	Air Carrier	$239,955	Airport Master Plan (Phase III)
Prineville Airport Prineville, Oregon County of Crook and City of Prineville	General Aviation	$ 23,398	Airport Master Plan
Douglas County Airport Roseburg, Oregon City of Roseburg	General Aviation	$ 7,963	Airport Master Plan
McNary Field Salem, Oregon City of Salem	Air Carrier	$ 41,112	Airport Master Plan
Tillamook Airport Tillamook, Oregon Port of Tillamook Bay	General Aviation	$ 27,517	Airport Master Plan
PENNSYLVANIA			
Allentown-Bethlehem-Easton Airport Allentown, Pennsylvania Lehigh-Northampton Airport Authority	Air Carrier	$246,081	Airport Master Plan (ANCLUC)

Lawrence Airport Corry, Pennsylvania Corry Airport Authority	General Aviation	$ 26,100	Airport Master Plan
Allegheny County Airport Pittsburgh, Pennsylvania County of Allegheny	General Aviation (Reliever)	$ 78,822	Airport Master Plan
Pottstown Municipal Airport Pottstown, Pennsylvania Borough of Pottstown	General Aviation	$ 26,370	Airport Master Plan
Mifflin County Airport Reedsville, Pennsylvania Mifflin County Airport Authority	General Aviation	$ 33,390	Airport Master Plan
Washington County Airport Washington, Pennsylvania County of Washington	General Aviation (Reliever)	$ 38,916	Airport Master Plan
PUERTO RICO			
Puerto Rico International Airport San Juan, Puerto Rico Puerto Rico Ports Authority	Air Carrier	$117,385	Airport Master Plan
RHODE ISLAND			
State of Rhode Island Rhode Island Department of Administration		$ 34,346	State Airport System Plan (Continuous and joint funding simplification)
SOUTH CAROLINA			
Florence City-County Airport Florence, South Carolina County and City of Florence	Air Carrier	$ 33,489	Airport Master Plan
State of South Carolina South Carolina Aeronautics Commission		$ 53,351	State Airport System Plan (Continuous)

State of South Carolina South Carolina Aeronautics Commission		$ 15,350	State Airport System Plan (Continuous)
SOUTH DAKOTA			
Rapid City Regional Airport Rapid City, South Dakota City of Rapid City	Air Carrier	$ 9,810	Airport Master Plan
Watertown Municipal Airport Watertown, South Dakota City of Watertown	Air Carrier	$ 7,290	Airport Master Plan
TENNESSEE			
Crossville Memorial Airport Crossville, Tennessee City of Crossville	General Aviation	$ 30,420	Airport Master Plan
McKellar Field Airport Jackson, Tennessee Jackson-Madison County Airport Authority	Air Carrier	$ 30,870	Airport Master Plan
Murfreesboro Municipal Airport Murfreesboro, Tennessee City of Murfreesboro	General Aviation	$ [illegible]72	Airport Master Plan
Oak Ridge Municipal Airport Oak Ridge, Tennessee City of Oak Ridge	General Aviation	$ 35,955	Airport Master Plan
Winchester Municipal Airport Winchester, Tennessee City of Winchester	General Aviation	$ 26,338	Airport Master Plan
TEXAS			
Arlington Municipal Airport Arlington, Texas City of Arlington	General Aviation	$ 33,881	Airport Master Plan
Athens Municipal Airport Athens, Texas City of Athens	General Aviation	$ 19,561	Airport Master Plan

Robert Mueller Municipal Airport Austin, Texas City of Austin	Air Carrier	$ 95,138	Airport Master Plan
Curtis Field Brady, Texas City of Brady	General Aviation	$ 21,533	Airport Master Plan
Easterwood Field Airport College Station, Texas Texas A and M University	Air Carrier (Commuter)	$ 37,800	Airport Master Plan
Katy Municipal Airport (New) Katy, Texas City of Katy	General Aviation (Reliever)	$ 45,000	Airport Master Plan
La Grange Municipal Airport (New) La Grange, Texas City of La Grange	General Aviation	$ 28,000	Airport Master Plan
Lancaster Municipal Airport Lancaster, Texas City of Lancaster	General Aviation	$ 27,441	Airport Master Plan
La Porte Airport La Porte, Texas City of La Porte	General Aviation (Reliever)	$ 18,000	Airport Master Plan
Angelina County Airport Lufkin, Texas County of Angelina	General Aviation	$ 35,677	Airport Master Plan
Mansfield Municipal Airport (New) Mansfield, Texas City of Mansfield	General Aviation	$ 13,500	Airport Master Plan
East Texas Regional Airport Nacogdoches, Texas County and City of Nacogdoches	Air Carrier (Commuter)	$ 34,200	Airport Master Plan
Northeast Tarrant County Airport (New) North Richland Hills, Texas Cities of North Richland Hills, Hurst, and Keller	General Aviation	$ 27,682	Airport Master Plan

Rockwall Municipal Airport (New) Rockwall, Texas City of Rockwall	General Aviation	$ 44,645	Airport Master Plan
Sweetwater Municipal Airport Sweetwater, Texas City of Sweetwater	General Aviation	$ 12,000	Airport Master Plan
Draughon-Miller Municipal Airport Temple, Texas City of Temple	Air Carrier (Commuter)	$ 31,457	Airport Master Plan
North Central Texas Planning Region North Central Texas Council of Governments		$ 53,700	Regional Airport System Plan (Continuous)
State of Texas Texas Aeronautics Commission		$ 32,832	State Airport System Plan (Continuous)
State of Texas Texas Aeronautics Commission		$ 51,864	State Airport System Plan (Continuous)
UTAH			
Spanish Fork-Springville Airport Spanish Fork, Utah Cities of Spanish Fork and Springville	General Aviation	$ 9,094	Airport Master Plan
St. George Municipal Airport St. George, Utah City of St. George	Air Carrier (Commuter)	$ 22,696	Airport Master Plan
VIRGINIA			
Chesterfield County Airport Chesterfield, Virginia County of Chesterfield	General Aviation (Reliever)	$ 40,604	Airport Master Plan
Rockbridge County Airport Lexington, Virginia Rockbridge County Board of Supervisors	General Aviation	$ 35,989	Airport Master Plan

Lynchburg Municipal Airport Lynchburg, Virginia City of Lynchburg	Air Carrier	$ 67,720	Airport Master Plan
Norfolk International Airport Norfolk, Virginia Norfolk Port and Industrial Authority	Air Carrier	$ 82,998	Airport Master Plan (ANCLUC)
Orange County Airport Orange, Virginia Orange County Board of Supervisors	General Aviation	$ 31,500	Airport Master Plan
Commonwealth of Virginia Virginia State Corporation Commission		$ 62,567	State Airport System Plan (Continuous)
WASHINGTON			
Arlington Municipal Airport Arlington, Washington City of Arlington	General Aviation	$ 27,000	Airport Master Plan
Camas-Washougal Airport Camas, Washington Port of Camas-Washougal	General Aviation	$ 21,294	Airport Master Plan
Friday Harbor Airport Friday Harbor, Washington Port of Friday Harbor	Air Carrier (Commuter)	$ 25,650	Airport Master Plan
Bowerman Field Hoquiam, Washington Port of Grays Harbor	General Aviation	$ 33,363	Airport Master Plan
Sanderson Field Shelton, Washington Port of Shelton	General Aviation	$ 33,662	Airport Master Plan
Clark County Airport (New) Vancouver, Washington City of Vancouver	General Aviation	$ 37,800	Airport Master Plan
WISCONSIN			
Austin-Straubel Field Green Bay, Wisconsin County of Brown	Air Carrier	$ 52,335	Airport Master Plan

Wittman Field Oshkosh, Wisconsin County of Winnebago	Air Carrier	$ 49,241	Airport Master Plan
WYOMING			
Gillette-Campbell County Airport Gillette, Wyoming County of Campbell and City of Gillette	Air Carrier (Commuter)	$ 41,895	Airport Master Plan
Gillette-Campbell County Airport Gillette, Wyoming County of Campbell	Air Carrier (Commuter)	$ 27,711	Airport Master Plan
General Brees Field Laramie, Wyoming County of Albany and City of Laramie	Air Carrier	$ 51,318	Airport Master Plan
TRUST TERRITORY OF THE PACIFIC ISLANDS			
Babelthuap/Koror Airport Babelthuap Island, Palau Trust Territory of the Pacific Islands	Air Carrier	$ 52,740	Airport Master Plan
Babelthaup/Koror Airport Babelthaup Island, Palau Trust Territory of the Pacific Islands	Air Carrier	$ 22,140	Airport Master Plan
Yap International Airport Yap Island, Caroline Islands Trust Territory of the Pacific Islands	Air Carrier	$ 40,500	Airport Master Plan

APPENDIX C
SUMMARY DISTRIBUTION OF FUND AUTHORIZATION
FISCAL YEAR 1978

A summary follows of the distribution of funds authorized for fiscal year 1978. The distribution was made in accordance with Sections 15(a)(3) and 15(a)(4) of the Airport and Airway Development Act of 1970, as amended, including the Airport and Airway Development Act Amendments of 1976 (Public Law 94-353).

In accordance with Section 15 of the Act as amended by P.L. 94-353, funds apportioned to airport sponsors under the enplanement formula for air carrier airports which are not obligated during the fiscal year for which they were first authorized and the two fiscal years immediately following shall be added to the Air Carrier discretionary fund. In addition, amounts apportioned to each State under the area/population formula for General Aviation airports which are not obligated during the fiscal year for which they were first authorized and the fiscal year immediately following shall be added to the General Aviation discretionary fund.

Within these amounts, and subject to any annual obligational ceilings, airport sponsors may plan airport development projects and request Federal assistance for the establishment of a nationwide system of public airports adequate to meet the present and future needs of civil aviation.

1. Air Carrier/Commuter Service	$465,000,000
a. Airport sponsors -- enplanement formula	310,000,000
b. Discretionary	155,000,000
(Commuter service airports minimum)	(15,000,000)
2. General Aviation	$ 75,000,000
a. States -- area/population formula	45,000,000
b. Discretionary	30,000,000
(Reliever airports minimum)	(15,000,000)
(Territories)	(600,000)
3. Total Program Funds	$540,000,000

APPENDIX D

AIRPORT DEVELOPMENT AID PROGRAM

GRANT AGREEMENTS - FISCAL YEAR 1978

	AC/COMMUTER DEVELOPMENT		GA/RELIEVER DEVELOPMENT		TOTAL	
STATE	NO. OF PROJECTS	FEDERAL FUNDS	NO. OF PROJECTS	FEDERAL FUNDS	NO. OF PROJECTS	FEDERAL FUNDS
Alabama	10	$ 8,459,417	6	$ 932,046	16	$ 9,391,463
Alaska	22	12,216,622	4	3,609,562	26	15,826,184
American Samoa	1	109,339	-0-	-0-	1	109,339
Arizona	6	9,845,404	2	1,610,020	8	11,455,424
Arkansas	13	5,205,491	8	954,596	21	6,160,087
California	35	45,821,942	25	6,466,092	60	52,288,034
Colorado	8	7,961,531	7	2,691,980	15	10,653,511
Connecticut	3	3,057,902	1	499,500	4	3,557,402
Delaware	-0-	-0-	1	665,370	1	665,370
Florida	17	14,629,901	19	3,321,445	36	17,951,346
Georgia	11	7,205,731	7	2,014,893	18	9,220,624
Guam	2	2,204,485	-0-	-0-	2	2,204,485
Hawaii	5	10,492,267	-0-	-0-	5	10,492,267
Idaho	3	1,577,417	4	1,031,500	7	2,608,917
Illinois	12	11,960,948	6	2,535,400	18	14,496,348
Indiana	9	5,374,326	2	1,143,500	11	6,517,826
Iowa	8	2,046,455	4	839,545	12	2,886,000
Kansas	7	4,498,603	5	1,870,198	12	6,368,801

APPENDIX D

AIRPORT DEVELOPMENT AID PROGRAM

GRANT AGREEMENTS - FISCAL YEAR 1978

	AC/COMMUTER DEVELOPMENT		GA/RELIEVER DEVELOPMENT		TOTAL	
STATE	NO. OF PROJECTS	FEDERAL FUNDS	NO. OF PROJECTS	FEDERAL FUNDS	NO. OF PROJECTS	FEDERAL FUNDS
Kentucky	8	$ 4,405,656	5	$ 1,394,477	13	$ 5,800,133
Louisiana	15	10,407,549	4	1,114,093	19	11,521,642
Maine	8	3,196,303	5	373,545	13	3,569,848
Maryland	2	1,309,479	2	731,403	4	2,040,882
Massachusetts	8	5,322,550	8	1,844,594	16	7,167,144
Michigan	19	15,294,942	2	2,516,610	21	17,811,552
Minnesota	11	8,469,105	2	911,029	13	9,380,134
Mississippi	11	5,006,569	5	930,731	16	5,937,300
Missouri	11	6,371,371	4	1,426,653	15	7,798,024
Montana	8	5,019,020	4	1,337,060	12	6,356,080
Nebraska	11	4,742,117	4	916,920	15	5,659,037
Nevada	4	4,669,693	5	1,014,870	9	5,684,563
New Hampshire	4	987,112	3	190,800	7	1,177,912
New Jersey	8	2,495,007	5	1,710,129	13	4,205,136
New Mexico	10	3,397,812	5	2,068,858	15	5,466,670
New York	22	25,568,966	11	3,970,022	33	29,538,988
North Carolina	11	9,271,392	8	1,153,385	19	10,424,777
North Dakota	7	4,506,444	1	736,200	8	5,242,644

APPENDIX D

AIRPORT DEVELOPMENT AID PROGRAM

GRANT AGREEMENTS - FISCAL YEAR 1978

	AC/COMMUTER DEVELOPMENT		GA/RELIEVER DEVELOPMENT		TOTAL	
STATE	NO. OF PROJECTS	FEDERAL FUNDS	NO. OF PROJECTS	FEDERAL FUNDS	NO. OF PROJECTS	FEDERAL FUNDS
Ohio	8	$ 11,674,346	7	$ 3,104,984	15	$ 14,779,330
Oklahoma	11	8,233,093	8	1,330,929	19	9,564,022
Oregon	6	6,542,118	7	1,596,930	13	8,139,048
Pennsylvania	19	9,877,304	3	2,288,351	22	12,165,655
Puerto Rico	2	1,572,362	1	600,000	3	2,172,362
Rhode Island	2	585,000	-0-	-0-	2	585,000
South Carolina	7	5,407,014	4	676,176	11	6,083,190
South Dakota	7	3,283,579	1	678,838	8	3,962,417
Tennessee	6	4,809,878	2	797,785	8	5,607,663
Texas	29	19,731,484	17	4,290,763	46	24,022,247
Trust Territory	4	4,369,804	-0-	-0-	4	4,369,804
Utah	1	3,114,500	2	635,181	3	3,749,681
Vermont	2	1,248,916	1	270,000	3	1,518,916
Virginia	10	4,450,122	4	835,436	14	5,285,558
Virgin Islands	3	19,720,282	-0-	-0-	3	19,720,282
Washington	9	9,542,762	6	1,317,834	15	10,860,596
West Virginia	8	6,338,387	3	541,725	11	6,880,112
Wisconsin	10	6,629,341	4	1,456,558	14	8,085,899
Wyoming	10	5,048,228	3	685,693	13	5,733,921
TOTALS	504	$405,287,388	257	$75,634,209	761	$480,921,597

APPENDIX E

AIRPORTS GRANT-IN-AID PROGAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1978

Location and name of airport	Proj. no.	Federal funds	Description of work
ALABAMA			
Alexander T. C. Russell Field	02	$ 75,000	Land and relocation assistance; obstruction removal.
Anniston Anniston-Calhoun County	04	453,183	Land; site preparation for runway extension and parallel and connecting taxiway. (Multi-Year Project. Total Federal Commitment $814,383).
Auburn Auburn-Opelika	01	341,072	Land; resurface and mark runway (4,000' x 75'); install safety/perimeter fencing; obstruction removal; grade runway safety area; acquire rotating beacon.
Bay Minnette Bay Minnette Municipal	01	198,000	Construct and pave apron and taxiway; relocate hangars, fuel pumps, fuel tanks, rotating beacon and access road; remove concrete block terminal; construct electrical vault building; provide relocation assistance to the fixed base operator; taxiway marking; install wind cone and segmented circle.
Birmingham Birmingham Municipal	09	2,985,000	Land and relocation assistance; obstruction removal; fencing; drainage improvements.
Cullman Folsom Field	02	91,000	Construct, pave and mark partial parallel taxiway.
Dothan Dothan	03	983,619	Construct taxiways; taxiway lighting and marking; construct electrical vault building; install wind cones, apron floodlighting, security fencing and erosion control structures; rehabilitate high intensity runway lighting system; acquire three proximity suits. (Multi-Year Project. Total Federal Commitment $1,193,025).
Huntsville Huntsville-Madison County Jetport-Carl T. Jones Field	05	2,133,792	Construct, pave, light, and mark extensions to runway (2,600'± x 150') and parallel taxiway; construct, pave, light and mark connecting taxiways; construct extended runway safety area (2,500'±) and electronic gate. (Multi-Year Project. Total Federal Commitment $3,140,418).

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PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1978

Location and name of airport	Proj. no.	Federal funds	Description of work
A L A B A M A (Cont'd)			
Mobile Bates Field	06	1,014,601	Construct, pave, mark and light runway extension (1,700±' x 150') parallel taxiway "A" and taxiway "M"; relocate glide slope, approach light system and middle marker serving Runway 14; relocate gas line; extend drainage structure (35±') and replace security/perimeter fence (48±'). (Multi-Year Project. Total Federal Commitment $1,980,234).
Montgomery Dannelly Field	07	136,623	Debt retirement for terminal building construction of waiting room, restrooms, concourse, baggage claim area and baggage handling equipment.
Montgomery Dannelly Field	08	148,727	Acquire crash/fire/rescue vehicle and six proximity suits.
Oneonta Robbins Field	02	239,546	Site preparation for runway extension (882±'); obstruction removal.
Ozark Blackwell Field	02	112,500	Pave and mark parallel taxiway; install rotating beacon and tower.
Russellville Russellville Municipal	01	216,000	Land; obstruction removal; obstruction lighting; strengthen and mark runway and stub taxiway; relocate wind cone; install segmented circle and threshold lights at relocated threshold.
Tuscaloosa Tuscaloosa Municipal	06	49,500	Install runway and taxiway lighting.
Tuscaloosa Tuscaloosa Municipal	07	213,300	Land; obstruction removal; construct apron and taxiways to aprons; taxiway lighting and marking; pave service roads; install wind cone.
A L A S K A			
Allakaket Allakaket	01	631,669	Reconstruct runway (3,000' x 100'); construct apron, taxiway, access road, and snow removal equipment building; install wind cone, segmented circle and runway end markers; purchase motor grader with appurtenances.
Anchorage Anchorage International	11	1,157,340	Construct and pave taxiway and service roads at south end of Runway 13/31; taxiway lighting; marking; security fencing.

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PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1978

Location and name of airport	Proj. no.	Federal funds	Description of work
ALASKA (Cont'd)			
Anchorage Anchorage International	12	905,736	Reconstruct, pave, and mark taxiway; construct security fence; install taxiway directional signs; pave service road, apron, area between terminal apron and north/south parallel taxiway, terminal apron area and taxiways. (Multi-Year Project. Total Federal Commitment $2,376,719).
Anchorage Lake Hood Seaplane Base	03	436,819	Construct service road; pave two taxiways.
Anchorage Merrill Field	04	902,550	Overlay and mark runway; acquire snow removal equipment; install fencing; erosion control.
Arctic Village Arctic Village	01	2,316,840	Land; site preparation; extend and widen runway (5,200' x 150'); construct apron, partial parallel and stub taxiway, service pad and float plane access ramp, service road, and equipment and generator building; install runway and taxiway lighting, nondirectional beacon/distance measuring equipment, wind cone, segmented circle, rotating beacon, and engine generator; install visual approach slope indicators (VASI-4); acquire snow removal equipment. (Multi-Year Project. Total Federal Commitment $2,916,840).
Chignik Lake Chignik Lake	02	113,610	Construct equipment storage building; acquire snow removal equipment.
Fairbanks Fairbanks International	06	478,434	Surface preparation, friction seal coat and marking, Runway 1L/19R.
Fairbanks Fairbanks International	07	357,000	Additions to and remodeling of south end of terminal building; relocate security fence; install fire alarm and sprinkler systems.
Galena Galena	01	134,063	Acquire snow removal equipment.
Girdwood Girdwood	01	407,183	Land; site preparation; extend and reconstruct runway safety area (2,500' x 100'); construct taxiway, apron, and access road; install wind cone, runway end markers, and segmented circle.
Juneau Juneau International	05	150,000	Acquire snow removal equipment.

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Location and name of airport	Proj. no.	Federal funds	Description of work
A L A S K A (Cont'd)			
Juneau Juneau International	06	392,126	Construct crash/fire/rescue building. (Multi-Year Project. Total Federal Commitment $1,406,250).
Juneau Juneau International	07	965,156	Construct and light apron and taxiway; fencing.
Kaltag Kaltag	01	153,039	Construct snow removal equipment building and acquire snow removal equipment.
Kenai Kenai Municipal	03	268,125	Acquire snow removal equipment.
Kenai Kenai Municipal	04	909,656	Reconstruct runway (7,500' x 150'); reconstruct runway lighting and security fence; drainage; marking.
King Cove King Cove	01	113,610	Construct equipment storage building; acquire snow removal equipment.
Kodiak Inner Harbor Seaplane Base	01	88,862	Reconstruct seaplane facility. (Multi-Year Project. Total Federal Commitment $138,862).
Nelson Lagoon Nelson Lagoon	01	939,647	Land; construct runway safety area (2,600' x 100'), apron, taxiway, access road, and snow removal equipment building; install wind cone, segmented circle, and runway end markers; acquire snow removal equipment.
Noatak Noatak	01	151,294	Construct snow removal equipment building and acquire snow removal equipment.
Palmer Palmer Municipal	07	1,863,009	Site preparation; construct and pave runway (5,000' x 100'), two taxiways, apron, access and service roads; install runway and taxiway lighting and two visual approach slope indicators (VASI-4); seeding; marking.
Petersburg Petersburg	04	250,466	Gravel overlay runway and taxiway; apply bituminous surface treatment to apron and access road.
Selawik Selawik	01	258,529	Land; site preparation; gravel surfacing of runway (2,000' x 60') and apron; install wind cone, segmented circle, runway end markers, and retroreflective markers.

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PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1978

Location and name of airport	Proj. no.	Federal funds	Description of work
ALASKA (Cont'd)			
Tatitlek Tatitlek	01	1,081,420	Land; site preparation; construct runway (2,500' x 100'), taxiway, apron, access road, and snow removal equipment building; install wind cone, segmented circle and runway end markers; acquire snow removal equipment.
Wrangell Wrangell	04	400,000	Construct equipment storage building; install security fence.
AMERICAN SAMOA			
Pago Pago Pago Pago International	06	109,339	Construct service roads for apron; relocate utilities; fencing.
ARIZONA			
State of Arizona		1,191,085	State Demonstration Program grant in accordance with Section 28 of the Airport and Airway Development Act of 1970, as amended. (See Appendix F for list of State Demonstration Program projects in Arizona).
Flagstaff Pulliam	04	145,917	Construct apron, including tiedowns and associated taxiway marking; widen and mark a portion of parallel taxiway. (Multi-Year Project. Total Federal Commitment $379,330).
Grand Canyon Grand Canyon National Park	08	579,893	Rehabilitate and expand existing terminal building; relocate security fence; acquire snow removal equipment and construct equipment storage building, including driveway; install subsurface drains and reconstruct sidwalk; construct service road and widen airport access road.
Phoenix Phoenix-Sky Harbor International	11	4,273,003	Reconstruct west end of Runway 8L/26R (approx. 225' x 150') and construct skid resistant surface (approx. 11,000' x 150'); construct and light taxiways 4a and 6, including shoulder stabilization; relocate west end of taxiway B and reconstruct taxiways B1, B2, and B3, including shoulder stabilization; rehabilitate taxiway lighting; airport entrance road construction, widening, landscaping, signs, and irrigation system; construct replacement auto parking; runway and taxiway marking. (Multi-Year Project. Total Federal Commitment $4,523,454).

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PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1978

Location and name of airport	Proj. no.	Federal funds	Description of work
ARIZONA (Cont'd)			
Phoenix Phoenix-Sky Harbor International	12	3,500,000	Land and relocation assistance; removal of structures.
Tucson Tucson International	09	1,090,309	Construct and mark bypass taxiway, Runway end 29R taxiway "BE" and two general aviation taxiways, including retroreflective edge markers; expand apron; erosion control for bypass taxiway and apron; relocate security fence and install electric gate.
Tucson Tucson International	10	256,282	Install escalators in terminal building (2 each); install U. S. Customs baggage inspection unit; construct ramada to provide shelter and facilities for passengers awaiting Customs clearance; construct taxiway fillets, including relocation of taxiway lights, marking, and erosion control.
Tucson Ryan Field	02	418,935	Rehabilitate, widen, and mark taxiways; construct taxiway; fencing; drainage.
ARKANSAS			
Blytheville Blytheville Municipal	02	282,700	Reconstruct portions of and strengthen Runway 17/35 (approx. 3,300' x 75'); strengthen Runway 17/35 (approx. 1,700' x 75'); runway marking.
Clarksville Clarksville Municipal	01	90,738	Land; surface Runway 8/26 (approx. 3,000' x 75').
Fayetteville Drake Field	07	187,608	Phase II of: Remodel and expand terminal building.
Fayetteville Drake Field	08	137,559	Phase I of: Construct terminal apron; install apron security lighting and access road lighting; relocate ceilometer.
Flippin Marion County	01	120,000	Extend aircraft parking apron; relocate aircraft maintenance building.
Fort Smith Fort Smith Municipal	07	517,756	Construct crash/fire/rescue equipment building, access road, and utilities; taxiway subgrade drainage; fencing.
Fort Smith Fort Smith Municipal	08	99,000	Acquire snow removal equipment.
Harrison Boone County	03	266,706	Phase I of: Overlay Runway 18/36 (approx. 5,650' x 150'), parallel taxiway, apron, and connecting taxiway.

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PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1978

Location and name of airport	Proj. no.	Federal funds	Description of work
ARKANSAS (Cont'd)			
Harrison Boone County	04	76,400	Groove and mark Runway 18/36; Phase II of: Overlay Runway 18/36 (approx. 5,650' x 150'), parallel taxiway, apron, and connecting taxiway. (Multi-Year Project. Total Federal Commitment $226,400).
Hot Springs Hot Springs Memorial Field	04	250,000	Land.
Hot Springs Hot Springs Memorial Field	05	250,000	Land.
Hot Springs Hot Springs Memorial Field	07	46,725	Phase I of: Expand terminal apron and general aviation apron, including connecting taxiway; install gate.
Little Rock Adams Field	10	1,446,337	Reconstruct and overlay taxiway F, including widening of taxiway intersections, adjustment of edge lights, and drainage improvements; widen Airport Drive.
Little Rock Adams Field	11	1,122,200	Reconstruct and overlay Runway 17/35, including marking; install runway lights.
Monticello Monticello Municipal	02	117,879	Extend Runway 3/21 800', including marking; install runway lighting.
Monticello Monticello Municipal	03	20,000	Pave aircraft parking apron and turnaround.
Paragould Paragould Municipal	02	123,797	Overlay runway (approx. 2,800' x 60'), taxiway, turnarounds, and portion of apron.
Paragould Paragould Municipal	03	42,682	Install runway lighting, rotating beacon, segmented circle, and lighted wind cone.
Texarkana Texarkana Municipal	07	601,200	Construct crash/fire/rescue building and access/service road; install subdrainage system for Runway 22 and taxiway A; install remote air/ground lighting controls.
Texarkana Texarkana Municipal	08	204,000	Land.
West Memphis West Memphis Municipal	03	156,800	Reconstruct portion of runway; widen portion of taxiway; relocate taxiway lights and signs.

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Location and name of airport	Proj. no.	Federal funds	Description of work
CALIFORNIA			
Arcata Arcata	05	416,699	Land; provide adequate electrical power service and emergency power generator for the airport lighting system; install center-line and touchdown zone lighting on Runway 31. (Multi-Year Project. Total Federal Commitment $571,942).
Bakersfield Meadows Field	06	1,447,858	Land and relocation assistance; removal of structures.
Banning Banning Municipal	01	135,000	Install runway and taxiway lighting; rehabilitate beacon and tower; install lighting control panel and lighted wind cone; modify vault.
Banning Banning Municipal	02	317,107	Overlay, mark and seal Runway 8/26 (approx. 5,200' x 150'), including pavement transitions at connecting taxiways.
Big Bear Big Bear City	03	500,931	Site preparation for sections of parallel taxiway and apron; construct apron; improve airport drainage.
Borrego Springs Borrego Valley	02	226,432	Overlay, level (approx. 3,500' x 75') and seal and mark (approx. 5,000' x 75') Runway 7/25.
Bridgeport Bryant Field	01	128,462	Land reimbursement; construct tiedown apron, connecting taxiway, holding apron and airport access road; drainage; taxiway marking.
Chico Chico Municipal	06	145,917	Install runway and taxiway lighting. (Multi-Year Project. Total Federal Commitment $208,913).
Crescent City Jack McNamara Field	06	156,801	Construct porous friction course overlay, Runway 17/35 (approx. 5,000' x 150').
Delano Delano Municipal	02	324,000	Construct two holding aprons and connecting taxiway; reconstruct two connecting taxiways; drainage; taxiway marking; install visual approach slope indicators (VASI-2) runway ends 14 and 32; relocate wind cone and tee; install segmented circle, safety fence and gates.

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PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1978

Location and name of airport	Proj. no.	Federal funds	Description of work
CALIFORNIA (Cont'd)			
Fresno Fresno Air Terminal	08	1,504,614	Remove portion of taxiway E; construct taxiway R; reconstruct taxiway B; widen taxiways H, L, M, and N; construct 25' wide stabilized shoulders taxiways B, H, L, M, N, and R; taxiway lighting and marking. (Multi-Year Project. Total Federal Commitment $1,942,388).
Fullerton Fullerton Municipal	01	328,500	Land.
Gustine Gustine Municipal	01	308,335	Land; reconstruct (1,700' x 50'), widen, and extend (from 1,700' x 50' to 3,200' x 60'), Runway 18/36; construct partial parallel taxiway; remove and relocate levee embankment and safety fencing; install wind cone, segmented circle, and safety fencing; runway and taxiway marking and drainage.
Happy Camp Happy Camp	01	42,413	Resurface and expand aircraft parking apron, including tiedowns and associated taxiway marking; resurface and mark connecting taxiway.
Hollister Hollister Municipal	01	299,700	Land.
Hollywood Hollywood-Burbank	01	1,000,000	Acquire land, airport development (approx. 14.5 acres).
Hollywood Hollywood-Burbank	02	11,500,000	Acquire land, airport development (approx. 148.6 acres), including Runway 7/25 (approx. 6,074' x 150'), high intensity runway lighting and associated aprons and taxiways.
Imperial Imperial County	06	152,793	Land; structure removal; install lights on parallel and connecting taxiways for Runway 14/32, including regulator and enclosure. (Multi-Year Project. Total Federal Commitment $183,603).
LaVerne Brackett Field	02	974,314	Construct runway (approx. 3,661' x 75'); extend and light runway (approx. 833' x 75'); relocate visual approach slope indicator and runway end identifier lights; site preparation for taxiway extension and four connecting taxiways; relocate control tower and navigational aids.

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Location and name of airport	Proj. no.	Federal funds	Description of work
C A L I F O R N I A (Cont'd)			
Lompoc Lompoc	01	118,500	Extend apron, including tiedowns, associated taxiway marking and fence relocation; construct, mark and light apron taxiway extension; construct holding apron including associated marking and relocating existing taxiway lights; install apron floodlights.
Long Beach Long Beach (Daugherty Field)	07	183,060	Overlay portion of Runway 12/30 (approx. 1,900' x 200').
Los Angeles Los Angeles International	07	1,506,500	Reconstruct, light, and mark taxiway F and portion of taxiway 3-G, including shoulder stabilization; realign and resurface service road parallel to taxiway F.
Los Angeles Los Angeles International	08	941,250	Acquire three crash/fire/rescue vehicles; extend crash/fire/rescue building, including utilities. (Multi-Year Project. Total Federal Commitment $1,853,250).
Los Angeles Los Angeles International	09	1,420,133	Land.
Los Angeles Los Angeles International	10	9,660,936	Land. (Multi-Year Project. Total Federal Commitment $10,601,782).
Merced Merced Municipal	04	291,801	Land and relocation assistance; site clearance.
Modesto Modesto City-County/Harry Sham Field	06	169,194	Construct crash/fire/rescue equipment building, including solar heating utilities, landscaping, and access road. (Multi-Year Project. Total Federal Commitment $392,873).
Mojave Mojave	01	52,600	Construct safety fence and gates.
Monterey Monterey Peninsula	06	556,712	Grade and stabilize safety area between runway and taxiway; extend storm drainage system along south parallel taxiway, Runway 10/28; relocate portion of taxiway, including taxiway marking and relocation of taxiway lights; install taxiway lighting.

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Location and name of airport	Proj. no.	Federal funds	Description of work
C A L I F O R N I A (Cont'd)			
Oakland Metropolitan Oakland International	08	687,873	Land; construct, mark, and light taxiway, including shoulder stabilization; construct floodlight, and mark aircraft parking apron, including water pollution control and fire hydrants; airport access road modifications; extend access road, including drainage, pedestrian walkway, security gate, lighting, landscaping, marking and signs; install terminal loading bridges; acquire crash/fire/rescue vehicle; apron and taxiway drainage. (Multi-Year Project. Total Federal Commitment $1,476,186).
Ontario Ontario International	02	4,850,424	Construct, light, and mark parallel Runway 7R/25L (10,200' x 150') including grooving, shoulder stabilization and blast pad; construct, light, and mark partial parallel taxiway to Runway 25L, including shoulder stabilization; relocate Archibald Avenue; install security fence and gates; construct lighting vault; construct airfield drainage; relocate utilities and navigational aids. (Multi-Year Project. Total Federal Commitment $7,723,618).
Paso Robles Paso Robles Municipal	03	418,732	Construct partial parallel taxiway and connecting taxiway, including runway exit indicators; reconstruct portion of taxiway, including runway exit indicators; taxiway lighting and parking apron edge lighting; taxiway marking.
Quincy Gansner Field	03	284,791	Land; extend taxiway; relocate and reconstruct existing parallel taxiway, including two stub taxiways; taxiway marking.
Ramona Ramona	03	160,000	Construct and seal apron, including tie-downs; install visual approach slope indicator (VASI-2); construct taxiway and electrical equipment enclosure; taxiway marking.
Redding Redding Municipal	06	382,622	Extend, mark and light Runway 16/34 (from 6,000' x 150' to 7,000' x 150'); clear and grade extended runway safety area (approx. 800' x 500'); construct and mark partial parallel taxiway, including holding apron; construct fire access road to Runway 12/30.

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Location and name of airport	Proj. no.	Federal funds	Description of work
C A L I F O R N I A (Cont'd)			
Reedley Reedley Municipal	01	223,728	Construct and mark Runway 15/33 (approx. 2,800' x 50'), including two run-up aprons and drainage; construct aircraft apron and connecting taxiway, including aircraft tiedowns, drainage, and marking; install wind cone and segmented circle.
Riverside Riverside Municipal	03	432,612	Land.
Sacramento Sacramento Metropolitan	07	1,796,605	Land and relocation assistance; obstruction removal; site clearance. (Multi-Year Project. Total Federal Commitment $3,139,545).
San Diego San Diego International-Lindbergh Field	08	402,433	Acquire crash/fire/rescue vehicle.
San Diego San Diego International-Lindbergh Field	09	412,981	Rehabilitate security fence; reconstruct and extend perimeter road and apron. (Multi-Year Project. Total Federal Commitment $1,968,237).
San Francisco San Francisco International	09	587,754	Overlay, including reconstruction of portions of Runways 1R/19L (approx. 6,800' x 200'), 10L/28R (approx. 3,800' x 200'), and 1L/19R (approx. 2,000' x 200'); runway shoulder reconstruction and lighting modifications; runway marking. (Multi-Year Project. Total Federal Commitment $2,812,500).
San Jose San Jose Municipal	09	1,673,374	Land and relocation assistance; obstruction removal; site clearance.
San Luis Obispo San Luis Obispo County	02	134,852	Construct joint-use crash/fire/rescue equipment building, including utilities, landscaping, fencing, and service area.
San Martin South County Airport of Santa Clara County	02	258,174	Land.
Santa Ana Orange County	03	175,300	Acquire crash/fire/rescue vehicle.
Santa Ana Orange County	04	1,351,528	Expand air carrier and transient aircraft apron, including marking and subsurface drainage; construct paved perimeter road; install automated baggage handling system.

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Location and name of airport	Proj. no.	Federal funds	Description of work
CALIFORNIA (Cont'd)			
Santa Maria Santa Maria Public	05	590,315	Construct general aviation aircraft parking apron and connecting taxiways for general aviation apron and air carrier apron; stabilize taxiway shoulders; overlay taxiway; taxiway lighting and marking; install water system for fire protection; construct and mark service road; security fencing and gates; install subsurface storm drain. (Multi-Year Project. Total Federal Commitment $746,982).
Santa Maria Santa Maria Public	06	85,000	Immediate retirement of bonds for terminal building development.
Santa Rosa Sonoma County	06	195,365	Extend terminal apron, including tiedown assemblies and associated taxiway marking and edge lighting.
Santa Ynez Santa Ynez	01	265,356	Reconstruct entrance road; construct taxiways; install taxiway and apron lighting; taxiway marking; construct tiedown aprons, including tiedowns.
Stockton Stockton Metropolitan	09	180,000	Acquire crash/fire/rescue vehicle, including accessory equipment.
Stockton Stockton Metropolitan	10	334,911	Reconstruct general aviation aircraft parking apron, including tiedown anchors; reconstruct heavy aircraft parking apron. (Multi-Year Project. Total Federal Commitment $397,672).
Truckee Truckee-Tahoe	04	440,450	Resurface and mark runway (approx. 6,400' x 100'); overlay aircraft parking apron; reconstruct, widen, and mark taxiway; resurface taxiways; runway, taxiway and apron drainage.
Ukiah Ukiah Municipal	03	300,022	Land and relocation assistance; obstruction removal.
Ukiah Ukiah Municipal	04	376,865	Land and relocation assistance; obstruction removal.
Vacaville Nut Tree	03	39,155	Erosion control for airport entrance road.
Visalia Visalia Municipal	05	179,105	Construct joint-use crash/fire/rescue equipment building, including site improvement, utilities and access ramp; acquire two crash/fire/rescue vehicles, including associated equipment. (Multi-Year Project. Total Federal Commitment $427,438).

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Location and name of airport	Proj. no.	Federal funds	Description of work
CALIFORNIA			
Watsonville Watsonville Municipal	05	117,000	Land; obstruction removal; install middle marker/compass locator.
Weed Weed	02	14,815	Land.
Winters/Davis/Woodland Yolo County	01	125,330	Construct airport access road.
COLORADO			
Aspen Aspen-Pitkin County	05	256,455	Acquire crash/fire/rescue vehicle and snow removal equipment.
Colorado Springs Colorado Springs Municipal	07	853,129	Land; install security fence with gates and signs.
Cortez Cortez-Montezuma County	03	445,917	Construct combined two-bay crash/fire/rescue and maintenance equipment building; install security fencing and gates; apply skid resistant seal and mark runway (approx. 7,200' x 100'); expand aircraft parking apron; install apron floodlighting.
Craig Craig-Moffat	01	275,773	Expand aircraft parking apron; install runway lighting system.
Denver Arapahoe County	06	819,200	Expand aircraft parking aprons; construct new aircraft parking apron, including connecting taxiway; construct high-speed connecting taxiway.
Denver Jeffco	05	687,502	Construct and light apron and two connecting taxiways; pave apron fillet; relocate wind cone and segmented circle; taxiway marking.
Denver Stapleton International	11	3,933,487	Rehabilitate, groove, and mark runway (approx. 10,010' x 150'); replace runway lighting system, including approach light system and visual approach slope indicator modifications; construct, rehabilitate, and extend taxiways; upgrade taxiway lighting control system; rehabilitate portion of apron; install taxiway lighting; runway and taxiway shoulder stabilization; drainage. (Multi-Year Project. Total Federal Commitment $11,535,741).
Ft. Collins-Loveland Ft. Collins-Loveland Municipal	04	680,933	Rehabilitate/resurface, including rubberized friction seal, and mark runway (approx. 6,500' x 100').

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Location and name of airport	Proj. no.	Federal funds	Description of work
COLORADO (Cont'd)			
Grandby Grandby-Grand County	01	287,750	Rehabilitate runway (approx. 5,200' x 70'), connecting taxiway and parking apron; expand parking apron; construct taxiway turnaround; runway and taxiway marking.
Grand Junction Walker Field	04	1,538,523	Expand air carrier apron and general aviation apron with connecting taxiway; reconstruct portion of general aviation apron, including removal of two T-hanger buildings; construct T-hangar access areas; install security fence and perimeter fence with gates; install apron lighting.
Lamar Lamar Municipal	02	560,000	Land; construct and mark runway (approx. 5,000' x 60'); construct and mark connecting taxiway; install fencing. (Multi-Year Project. Total Federal Commitment $860,000).
Monte Vista San Luis Valley	01	90,795	Rehabilitate runway (approx. 5,840' x 47'), connecting taxiway, and apron.
Montrose Montrose County	04	98,247	Acquire crash/fire/rescue vehicle.
Riffle Garfield County	01	50,000	Construct and mark taxiway and aircraft parking apron; relocate beacon.
Wray Wray Municipal	01	75,800	Land; obstruction removal; grade portions of runway safety area; install wind cone and segmented circle; fencing; marking.
CONNECTICUT			
Danbury Danbury Municipal	06	499,500	Construct and mark partial parallel taxiway to Runway 8/26, including stub taxiways; install taxiway lighting.
New Haven Tweed-New Haven	09	560,570	Construct and light parking apron; install security fencing.
New Haven Tweed-New Haven	10	107,082	Acquire snow removal equipment.
Windsor Locks Bradley International	09	2,390,250	Rehabilitate, mark, and light taxiway.
DELAWARE			
Georgetown Sussex County	04	665,370	Rehabilitate Runway 4/22 parallel taxiway and terminal apron.

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AIRPORTS GRANT-IN-AID PROGAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1978

Location and name of airport	Proj. no.	Federal funds	Description of work
FLORIDA			
Avon Park Avon Park Municipal	01	40,000	Land.
Bartow Bartow Municipal	03	82,923	Install safety fencing, radio lighting controls, segmented circle, and wind cone.
Bartow Bartow Municipal	04	10,800	Connect visual approach slope indicator (VASI-2) to vault power supply.
Brooksville Hernando County	01	40,582	Install runway and taxiway lights; construct electrical vault; install energy conservation system.
Cocoa Merritt Island	03	29,998	Install safety fencing; construct lighting vault; install radio lighting control.
Crestview Bob Sikes	01	48,422	Install runway lighting.
Daytona Beach Daytona Beach Regional	07	875,415	Overlay/strengthen Runway 6L (2,000' x 150'); groove Runway 6L/24R (7,500' x 150'); overlay center 100' of 150' Runway 16/34; overlay Runway 6R/24L (3,200' x 100'); construct taxiways; install visual approach slope indicators (VASI-2), Runways 6R, 24L, 16, and 13; install amber lens (2,000') Runway 16; taxiway and apron lighting; runway and taxiway marking; construct crash/fire/rescue equipment building and associated service roads. (Multi-Year Project. Total Federal Commitment $1,469,511).
Deland Deland Municipal	01	316,389	Strengthen and mark runway (6,000' x 100'); clear transition zone Runway 12/30 and clear zone Runway 30.
Deland Deland Municipal	02	81,938	Install runway lighting; strengthen and mark taxiway.
Fernandina Beach Fernandina Beach Municipal	01	434,450	Overlay, mark, and light runway (5,300' x 100'); install rotating beacon/tower, lighted wind cone, segmented circle, radio lighting controls, and associated vault equipment.
Ft. Lauderdale Ft. Lauderdale-Hollywood International	06	498,000	Land; relocate power line; install access building mounting for medium-intensity approach lighting system with runway alignment indicator lights; install fence.

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PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1978

Location and name of airport	Proj. no.	Federal funds	Description of work
FLORIDA (Cont'd)			
Ft. Lauderdale Ft. Lauderdale-Hollywood International	07	1,485,225	Land; groove Runway 9R/27L (5,316' x 100') and Runway 13/31 (6,929' x 150'); widen, strengthen, mark, and relocate lights Taxiways C, E, and N; construct, mark, and light Taxiway F; install lighted wind cones Runways 9L, 9R, 27L and 27R; site preparation, localizer, Runway 9R; upgrade visual approach slope indicators (VASI-4) to (VASI-6), Runway 13/31; install security fencing.
Fort Myers Southwest Florida Regional	01	516,648	Land. (Multi-Year Project. Total Federal Commitment $1,066,818).
Gainesville Gainesville Regional	08	17,265	Install mechanical baggage claim device.
Gainesville Gainesville Regional	09	500,571	Construct beacon tower and relocate rotating beacon; expand apron and construct and mark taxiway; construct crash/fire/rescue equipment building and road; relocate electronic gate; construct interior service road. (Multi-Year Project. Total Federal Commitment $588,119).
Jacksonville Jacksonville International	07	1,235,131	Construct apron, including lighting and marking apron edge taxiways.
Key West Key West International	03	67,410	Groove Runway 9/27 (4,800' x 100').
Lake Wales Lake Wales Municipal	01	117,330	Overlay and mark Runway (4,000' x 100'); install tower and airport beacon; radio lighting controls, wind cone, and segmented circle.
Marathon Marathon Flight Strip	02	122,400	Install safety fence.
Melbourne Melbourne Regional	09	481,282	Construct taxiways; install visual approach slope indicators (VASI-2); construct apron extension; install wind cone; taxiway lighting and marking.
Miami Miami International	13	1,639,313	Strengthen air carrier terminal apron segments; strengthen and expand cargo apron, including access service road; security fencing; aircraft fire protection; apron edge lighting and guardhouse; apron flood-lighting. (Multi-Year Project. Total Federal Commitment $3,214,972).

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Location and name of airport	Proj. no.	Federal funds	Description of work
F L O R I D A (Cont'd)			
Miami Miami International	14	331,035	Strengthen air carrier concourse B apron.
Miami Opa Locka	01	239,854	Construct and mark parallel taxiway, including three connecting taxiways to Runway 9C/27C; widen aircraft holding apron; relocate taxiway lights.
Milton Milton T. Field	01	13,084	Land.
New Smyrna Beach New Smyrna Beach Municipal	02	106,729	Install runway and taxiway lighting and visual approach slope indicators (VASI-4); construct electrical vault; install radio lighting control panel.
Ocala Ocala Municipal	04	279,490	Instrument landing system/medium-intensity approach lighting system with runway alignment indicator lights site preparation, Runway 36; resurface terminal apron; install safety fencing.
Orlando Orlando International	09	1,895,100	Construct drainage canal (site preparation/ clearing and grubbing only, 200± acres); partial grading; construct partial terminal access road; construct people transfer structures (excluding guideway system). (Multi-Year Project. Total Federal Commitment $5,928,726).
Orlando Herndon	03	303,000	Reconstruct apron and install terminal apron floodlighting.
Panama City Panama City	07	490,365	Strengthen and mark runway (4,800' x 150').
Pensacola Pensacola Regional	05	498,150	Land; install terminal ramp lighting.
St. Augustine St. Augustine	02	276,808	Reconstruct runway (2,550' x 60') and extend (200' x 60'); reconstruct stub taxiway; clear obstructions Runways 6 and 13; clear transition zone Runways 13/31 and 6; install radio lighting controls; runway and taxiway lighting and marking.
St. Petersburg St. Petersburg-Clearwater International	03	726,648	Construct, light, and mark portion of parallel taxiway; strengthen portion of parallel taxiway; relocate taxiway lights; install VASI-4.

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Location and name of airport	Proj. no.	Federal funds	Description of work
FLORIDA (Cont'd)			
Sanford Sanford	05	135,000	Land and obstruction removal.
Tampa Tampa International	07	3,616,091	Land; extend, light, and mark Runway 18R/36L (2,298' x 150') and parallel and connecting taxiways, including blast protection pavement and blast pad; groove runway extension; construct drainage structure; relocate visual approach slope indicator; upgrade taxiway guidance signs; replace rotating beacon and tower; install security fencing and electronic gates; construct crash/fire/rescue ditch crossing and noise barrier; site preparation, localizer and glide slope, Runway 18R; relocate localizer and runway visual range, Runway 36L.
Valpariso Eglin Air Force Base	02	360,500	Expand and modify air carrier terminal; install jetways (2).
Vero Beach Vero Beach	03	38,000	Install safety fence; construct segmented circle.
GEORGIA			
Albany Albany-Dougherty County	03	686,664	Reconstruct runway; strengthen taxiway and relocate taxiway lights; reconstruct portion of taxiway; install fencing and gates.
Alma Bacon County	02	10,188	Mark runway.
Athens Athens Municipal	05	145,917	Construct taxiways; install taxiway lighting; relocate National Weather Service equipment. (Multi-Year Project. Total Federal Commitment $381,493).
Atlanta DeKalb-Peachtree	02	406,552	Land; site preparation for glide slope and apron; obstruction removal; runway marking.
Atlanta William B. Hartsfield International	16	2,055,274	Construct taxiway and portion of taxiways; install taxiway edge lights; construct terminal entrance road. (Multi-Year Project. Total Federal Commitment $9,750,816).

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Location and name of airport	Proj. no.	Federal funds	Description of work
GEORGIA (Cont'd)			
Augusta Bush Field	04	143,469	Acquire crash/fire/rescue vehicle.
Augusta Bush Field	05	351,675	Strengthen general aviation apron; construct and modify storm drainage system.
Augusta Bush Field	06	514,200	Extend runway and taxiway; install taxiway lighting; rehabilitate and extend runway lighting; relocate road and visual approach slope indicators.
Columbus Columbus Metropolitan	05	541,672	Land; construct taxiways; install runway end identifier lights and visual approach slope indicators; relocate displaced threshold to Runway 23; relocate and install safety fencing; install runway and taxiway lighting and supplemental wind cones; clearing; grubbing; runway and taxiway marking. (Multi-Year Project. Total Federal Commitment $572,194).
Cordele Crisp County-Cordele	01	59,400	Land; Runway 9/27 approach clearing.
Lawrenceville Gwinnett County	02	971,240	Land and relocation assistance; widen, strengthen, and extend runway (from 3,000' x 60' to 4,000' x 75') and parallel taxiway; strengthen and expand apron; relocate and extend runway lighting; install beacon and tower; relocate access road.
Macon Herbert Smart	01	397,777	Land; obstruction removal; construct taxiways; install runway lighting.
Macon Lewis B. Wilson	06	49,370	Rehabilitate runway lighting, Runway 5/23; install security fencing and safety gate; acquire twelve proximity suits.
Macon Lewis B. Wilson	07	1,111,038	Strengthen and mark parallel and connecting taxiways to Runway 13/31 and air carrier and general aviation aprons; relocate fuel farm; install visual approach slope indicator (VASI-4), taxiway lighting, and supplemental wind cones. (Multi-Year Project. Total Federal Commitment $1,462,426).

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Location and name of airport	Proj. no.	Federal funds	Description of work
G E O R G I A (Cont'd)			
Moultrie Moultrie Municipal	02	446,460	Land; approach and transitional clearing; strengthen runway (800') and apron; reconstruct and strengthen taxiways; install runway, taxiway, and apron lighting; install visual approach slope indicators (VASI-4), beacon, wind cone, and electrical vault; relocate drainage ditch. (Multi-Year Project. Total Federal Commitment $602,403).
Savannah Savannah Municipal	05	1,159,992	Land.
Statesboro Statesboro Municipal	02	120,000	Land and relocation assistance; approach clearing.
Thomasville Thomasville Municipal	01	49,736	Install runway lights on Runway 4/22.
G U A M			
Agana Guam International Air Terminal	06	884,485	Apron site preparation, including clearing and grubbing and grading/excavation.
Agana Guam International Air Terminal	07	1,320,000	Construct aircraft parking apron, including drainage; install apron edge lighting.
H A W A I I			
Honolulu Honolulu International	14	2,102,505	Construct apron, including site preparation, paving and drainage; install floodlights; relocate fencing and guard station; construct fuel separator units for Gates 5 through 10 and 27 through 31; relocate airline ramp vehicle storage area. (Multi-Year Project. Total Federal Commitment $4,054,318).
Honolulu Honolulu International	15	198,810	Install safety fence and gates.
Honolulu Honolulu International	16	6,890,698	Construct airport exit roadway ramps.
Honolulu Honolulu International	17	292,500	Install taxiway guidance signs.

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Location and name of airport	Proj. no.	Federal funds	Description of work
HAWAII (Cont'd)			
Kailua-Kona Ke-Ahole	02	1,007,754	Expand aircraft parking apron; construct taxiway; install taxiway and apron edge lighting; construct airport service roads and crash/fire/rescue building.
IDAHO			
Boise Boise Air Terminal	09	1,097,290	Land and relocation assistance.
Caldwell Caldwell Industrial	04	335,200	Land; extend, light, and mark runway 1,300'; relocate VASI; construct road; install fencing.
Coeur d'Alene Coeur d'Alene Air Terminal	03	150,000	Land; construct aprons; mark apron.
Council Council Municipal	01	270,000	Land; construct runway, including turn-arounds; construct taxiway and aircraft parking apron, including tiedowns; install perimeter fencing; runway and taxiway marking.
Gooding Gooding Municipal	01	276,300	Land; reconstruct runway, including turnarounds, connecting taxiways, apron, and access road; expand apron; install perimeter fencing; runway and taxiway marking.
Hailey Friedman Memorial	04	210,000	Land.
Lewiston Lewiston Nez-Perce	08	270,127	Land; acquire snow removal equipment.
ILLINOIS			
Cairo Cairo	01	306,000	Overlay and mark runway (approx. 3,600' x 100') and connecting taxiway.
Carbondale Southern Illinois	05	310,000	Land; relocate road, including fencing; install runway lighting and two lighting control panels.
Champaign Univeristy of Illinois-Willard	04	1,000,000	Land; overlay runway (approx. 4,165' x 150'); groove runway (5,300' x 150'); runway marking. (Multi-Year Project. Total Federal Commitment $1,295,544).

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Location and name of airport	Proj. no.	Federal funds	Description of work
ILLINOIS (Cont'd)			
Chicago Chicago-O'Hare International	10	2,905,000	Construct addition to crash/fire/rescue building; construct and light exit taxiway for Runway 22R and portion of exit taxiway for Runway 14L; enlarge fillets on Runway 9L/27R, including shoulders; overlay shoulders on taxiway, including rehabilitation of taxiway lighting system.
Chicago Chicago-O'Hare International	11	6,015,990	Reconstruct portion of Runway 27L (approx. 800' x 150') and taxiway; install signs on airport entrance road; install high temperature water generator; replace ceiling in lower levels of Terminals II and III, including modification of lighting and sprinkler systems; acquire snow removal equipment, crash/fire/rescue equipment, radios, and proximity suits.
Decatur Decatur	04	129,000	Acquire crash/fire/rescue vehicle and snow removal equipment. (Multi-Year Project. Total Federal Commitment $220,000).
East St. Louis Bi-State Parks	04	597,600	Land; construct, mark and light service road, including fencing; expand aircraft parking apron; construct aircraft parking apron.
Galesburg Galesburg Municipal	05	47,700	Install runway lighting.
Jacksonville Jacksonville Municipal	03	62,800	Install runway lighting and standby power generator.
Kankakee Greater Kankakee	01	701,000	Expand, light and mark apron; overlay and mark runway (approx. 5,100' x 100') and apron; install apron tiedowns.
Kewanee Kawanee Municipal	03	230,000	Overlay and mark runway (approx. 3,200' x 60') and install edge drains and trench drain on apron; runway marking.
Marion Williamson County	04	254,000	Overlay and mark a portion of runway (approx. 3,000' x 100') and a portion of parallel taxiway.
Mt. Vernon Mt. Vernon-Outland	05	323,010	Expand and light aircraft parking apron. (Multi-Year Project. Total Federal Commitment $473,010).

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Location and name of airport	Proj. no.	Federal funds	Description of work
ILLINOIS (Cont'd)			
Quincy Quincy Municipal-Baldwin Field	04	172,008	Construct crash/fire/rescue equipment building, including utilites; construct access road to taxiway, ramp, and access road to entrance road; install safety fencing and standby generator. (Multi-Year Project. Total Federal Commitment $328,197).
Rockford Greater Rockford	05	139,500	Overlay and light taxiways; realign taxiway.
Springfield Capital	07	518,850	Strengthen and mark apron; construct, light and mark taxiway.
Sterling Whiteside County-Joseph H. Bittorf Field	03	145,890	Overlay and expand aircraft parking apron.
Waukegan Waukegan Memorial	02	638,000	Construct aircraft parking apron, including tiedowns, floodlights, and service drive; construct, light and mark taxiway and access road; install safety fencing; relocate gas main.
INDIANA			
Angola Steuben County-Tri State	02	806,000	Extend runway (2,100' x 75'); strengthen runway (1,900' x 75'); construct aircraft parking apron, including tiedowns, connecting taxiway and turnarounds; construct turf apron and turf connecting taxiway; clearing and grubbing; runway and apron marking; install runway lighting, electrical vault, segmented circle, lighted wind cone, runway end identifier lights, apron floodlight, and rotating beacon.
Crawfordsville Crawfordsville Municipal	02	337,500	Land; construct taxiway and apron; overlay portion of existing apron; approach clearing; clearing and grubbing; taxiway marking.
Elkhart Elkhart Municipal	02	161,960	Acquire snow removal equipment.
Evansville Evansville Dress Regional	04	397,800	Land; acquire crash/fire/rescue vehicle; reconstruct airport service road.
Fort Wayne Fort Wayne Municipal (Baer Field)	06	629,036	Overlay, mark and light runway (approx. 6,198' x 150'); groove portion of runway (approx. 2,700' x 130'). Multi-Year Project. Total Federal Commitment $1,371,073).

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Location and name of airport	Proj. no.	Federal funds	Description of work
I N D I A N A (Cont'd)			
Indianapolis Indianapolis International	07	125,000	Acquire snow removal equipment.
Indianapolis Indianapolis International	08	1,557,979	Expand and mark International apron, including installation of apron floodlights and air carrier terminal apron, including installation of fence and tugwall; install oil-water separator; remove building; relocate utilities.
Muncie Delaware County	04	1,000,000	Extend, light, and mark runway (approx. 1,350' x 150') and parallel taxiway; relocate ditch and runway end identifier lights; install runway lighting and safety fencing.
South Bend Michiana Regional	04	958,250	Expand and redesign the existing airport terminal building into a multimodal facility, including improved access roads within airport property. (Multi-Year Project. Total Federal Commitment $976,575).
South Bend Michiana Regional	05	144,301	Construct crash/fire/rescue and snow removal equipment building, including ramps, driveways, access roads and utilities; sand storage building, including driveway and electrical vault; acquire crash/fire/rescue vehicle and snow removal equipment. (Multi-Year Project. Total Federal Commitment $1,220,114).
Terre Haute Hulman Field	03	400,000	Rehabilitate airport storm sewer system; install runway and taxiway lighting; runway end identifier lights, visual approach slope indicators (VASI-4) and new lighting control panel in tower; vault modifications.
I O W A			
Cedar Rapids Cedar Rapids Municipal	06	411,283	Land reimbursement.
Clinton Clinton Municipal	02	400,000	Repair, resurface, mark and groove runway (5,204' x 100'); construct and light turn-around runway end; mark and light obstructing fence; drainage; seeding.
Dubuque Dubuque Municipal	03	195,000	Acquire snow removal equipment.
Dubuque Dubuque Municipal	04	172,054	Construct aprons; obstruction removal.

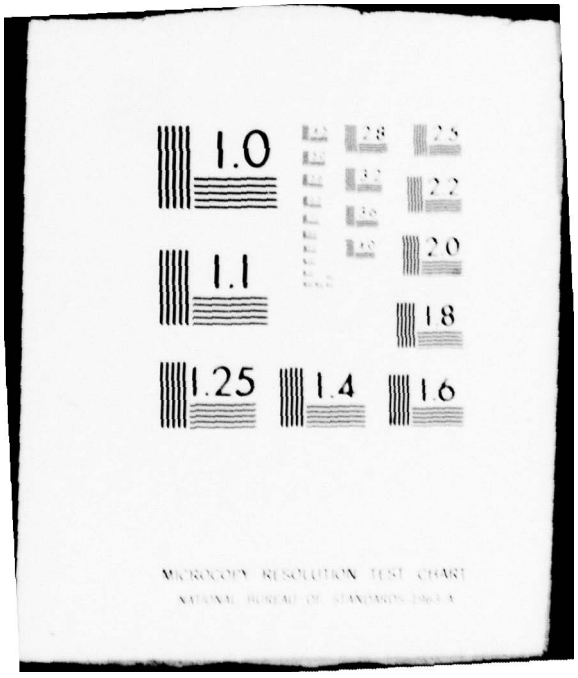
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Location and name of airport	Proj. no.	Federal funds	Description of work
I O W A (Cont'd)			
Fort Dodge Fort Dodge Municipal	05	10,000	Groove runway (6,500' x 150'). (Multi-Year Project. Total Federal Commitment $65,111).
Marshalltown Marshalltown Municipal	02	121,944	Construct apron and T-hangar access taxiway; construct and mark turnaround Runway end 30 and connecting taxiway to Runway end 36; drainage; seeding.
Mason City Mason City	04	145,917	Construct and light apron extension; relocate vent pipes and fuel pumps; acquire snow removal equipment. (Multi-Year Project. Total Federal Commitment $220,213).
Muscatine Muscatine Municipal	01	170,000	Land; obstruction removal; road relocation; fencing.
Oelwein Oelwein Municipal	03	47,500	Install runway and taxiway lighting; construct electrical vault.
Spencer Spencer Municipal	01	200,000	Land; install fencing.
Storm Lake Storm Lake Municipal	03	500,101	Construct, mark and light runway (4,200' x 75') and connecting taxiway; construct turnarounds and install visual approach slope indicators (VASI-2) and lighted wind indicator.
Waterloo Waterloo Municipal	05	512,201	Expand apron; construct access to air carrier ramp; construct electrical manholes and install electrical duct; modify taxiway lighting; shoulder stabilization for taxiways; install fence; marking; drainage.
K A N S A S			
Coffeyville Coffeyville Municipal	01	518,123	Overlay and mark runway (5,900' x 150') and taxiway; grading; seeding.
Garden City Garden City Municipal	04	446,460	Overlay and mark runway (6,000' x 150'); expand and place protective seal on apron; reconstruct and mark taxiways. (Multi-Year Project. Total Federal Commitment $596,460).
Great Bend Great Bend Municipal	03	145,917	Overlay and mark N/S parallel taxiway, connecting taxiways, and Runway 29 (500' x 150'); overlay and seal apron; overlay holding aprons; install drainage inlet and pipe. (Multi-Year Project. Total Federal Commitment $295,917).

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Location and name of airport	Proj. no.	Federal funds	Description of work
KANSAS (Cont'd)			
Hays Hays Municipal	03	446,400	Land.
Hutchinson Hutchinson Municipal	02	145,917	Overlay and mark runway (4,251' x 75') and portions of parallel taxiways; relocate runway lights; overlay access road. (Multi-Year Project. Total Federal Commitment $324,887).
Lawrence Lawrence Municipal	02	300,000	Land; adjust pipe lines.
Lyons Lyons-Rice County Municipal	01	180,000	Land; reconstruct runway (3,000' x50'), including turnaround; construct connecting taxiway; expand apron; install segmented circle and base for wind cone; relocate hangar; obstruction removal; drainage and seeding; runway and taxiway marking.
Olathe Johnson County Industrial	02	306,791	Land; install runway lighting, segmented circle, and lighted wind cone; grade Instrument Landing System glide slope area.
Olathe Johnson County Industrial	03	542,684	Overlay and mark runway (7,340' x 200'); install underdrains; seeding.
Pratt Pratt Municipal	01	322,600	Overlay (5,520' x 100'), mark, and light runway.
Salina Salina Municipal	04	319,021	Overlay and mark portion of runway (approx. 2,000' x 300'); construct terminal building expansion. (Multi-Year Project. Total Federal Commitment $619,021).
Wichita Wichita Mid Continent	09	2,694,888	Construct terminal access road and loop, cross field service road, air cargo service road, bridge over cross field service road and Harry Street, sidewalk, and detention pond; utility adjustments; landscaping and seeding; lighting and signs. (Multi-Year Project. Total Federal Commitment $3,899,202).

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Location and name of airport	Proj. no.	Federal funds	Description of work
KENTUCKY			
Covington Greater Cincinnati	13	1,281,371	Land and relocation assistance; structures removal; construct apron and taxiway; mark and light taxiway and install taxiway guidance signs; install security gates; obstruction removal; install manhole and drainage pipe for future apron development.
Elizabethtown Elizabethtown-Hardin County	02	84,900	Land and relocation assistance.
Hopkinsville Hopkinsville-Christian County	01	39,402	Land.
Lexington Blue Grass Field	07	1,205,914	Land; construct crash/fire/rescue equipment building; construct service road and install 12-inch water line; construct water retention basin; expand and modify airport terminal building and install baggage equipment; construct runway safety areas, Runways 8 and 26; construct and mark blast pads, Runway 4/22; reconstruct taxiway and relocate lighting; install runway and taxiway lighting, lighting control panel, taxiway guidance signs and marking; acquire snow removal equipment; structure removal; communications equipment. (Multi-Year Project. Total Federal Commitment $1,519,082).
London London-Corbin	03	446,460	Construct, light and mark taxiway and aircraft parking apron; install security fence. (Multi-Year Project. Total Federal Commitment $746,460).
Louisville Bowman Field	01	757,940	Reconstruct and light runway (approx. 4,350' x 100'); reconstruct airfield lighting supply and homeruns, Runways 6/24 and 14/32; install visual approach slope indicators (VASI-2).
Louisville Standiford Field	12	85,425	Expand crash/fire/rescue equipment building.
Louisville Standiford Field	13	102,745	Acquire snow removal equipment.
Louisville Standiford Field	14	889,664	Overlay and strengthen runway (7,250' x 150') and taxiway. (Multi-Year Project. Total Federal Commitment $3,810,780).

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KENTUCKY (Cont'd)			
Murray Murray-Calloway County	02	330,435	Land; extend and mark Runway 23 (1,000' x 75') and construct turnaround, Runways 5 and 23; extend runway lighting; relocate County Road and visual approach slope indicator (VASI-2); obstruction removal.
Paducah Barkley Field	09	80,536	Acquire snow removal equipment.
Paducah Barkley Field	10	313,541	Construct aircraft parking apron; construct, light, and mark taxiway.
Somerset Somerset-Pulaski County	02	181,800	Land; expand aircraft parking apron; install fencing.
LOUISIANA			
Alexandria Esler Regional	08	200,000	Construct surface treatment for Runway 8/26; airport drainage improvements. (Multi-Year Project. Total Federal Commitment $300,000).
Baton Rouge Ryan	06	500,000	Land.
Baton Rouge Ryan	07	750,000	Construct limited terminal access road. (Multi-Year Project. Total Federal Commitment $1,465,176).
Baton Rouge Ryan	08	725,000	Install drainage culverts for Runway 31 and portion of Runway 13; retrofit medium-intensity approach lighting system with runway alignment indicator lights and improve safety area Runway 13.
Houma Houma-Terrebonne	04	165,000	Install localizer and outer marker for Runway 17/35; relocate nondirectional radio beacon.
Jena Jena	01	319,093	Extend and mark Runway end 35 (approx. 1,900'); relocate threshold of Runway end 17 (approx. 1,100') south; construct turnaround at each end.
Jonesboro Jonesboro	01	165,000	Reconstruct portion of runway.
Lafayette Lafayette Regional	08	412,200	Strengthen and mark portion of runway (approx. 1,300'); construct new terminal access road; install new control panel and segmentalized taxiway circuits.

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Location and name of airport	Proj. no.	Federal funds	Description of work
LOUISIANA (Cont'd)			
Lake Charles Lake Charles Municipal	05	610,200	Expand apron, including incidental lighting; install security fencing.
Lake Charles Lake Charles Municipal	06	130,000	Install drainage culvert in extended safety areas for Runway 15.
Monroe Monroe Regional	07	166,500	Acquire crash/fire/rescue vehicle.
New Orleans New Orleans International	09	477,750	Install high intensity runway lights, centerline and touchdown zone lighting for Runway 10/28; perform approach light system and taxiway lighting adjustments.
New Orleans New Orleans International	10	2,326,207	Reconstruct and expand portion of terminal apron; reconstruct and strengthen taxiways; construct taxiway and stabilized shoulders for taxiways; install taxiway lighting system, including vault modification; marking. (Multi-Year Project. Total Federal Commitment $3,786,207).
New Orleans Lakefront	07	2,000,000	Construct remaining portion of hydraulic fill alternate areas A and B; construct bulkhead concrete cap.
Patterson Harry P. Williams Memorial	02	375,000	Land; install localizer/distance measuring equipment.
Shreveport Shreveport Downtown	02	230,000	Reconstruct portion of aircraft parking apron.
Shreveport Shreveport Regional	08	292,454	Improve safety area for Runway 23; rehabilitate portion of service road.
Shreveport Shreveport Regional	09	1,277,238	Site preparation for runway extension (1,050'± x 200') and parallel taxiway extension; relocate navigational aids.
Vidalia Concordia Parish	01	400,000	Overlay runway and extend 700'; construct apron, stub taxiway, and access road; drainage improvements; install fencing; marking.
MAINE			
Auburn-Lewiston Auburn-Lewiston Municipal	06	180,000	Land; install medium-intensity approach light system with sequenced flashers for Runway 4; replace medium-intensity runway lighting system with high-intensity runway lights on Runway 4/22; install rotating beacon.

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Location and name of airport	Proj. no.	Federal funds	Description of work
MAINE (Cont'd)			
Bangor Bangor International	07	1,305,000	Glide slope antenna site preparation; expand apron; rehabilitate apron drainage system; obstruction removal three areas, including clearing, grubbing, and excavation; construct fuel spill container system; install new high intensity runway lighting system; rehabilitate taxiway lighting system.
Belfast Belfast Municipal	01	27,000	Clear obstructions in approach, primary, and transitional surfaces of Runway 15/33; install rotating beacon; obstruction lighting.
Machias Machias Valley	02	90,458	Construct runway extension (500' x 50'); obstruction clearing.
Old Town DeWitt Field-Old Town Municipal	02	68,400	Land.
Portland Portland International Jetport	15	290,444	Construct Taxiway D; reconstruct and overlay Taxiway C; taxiway lighting and marking; prepare glide slope area Runway 29.
Portland Portland International Jetport	16	362,500	Renovate and expand terminal building.
Portland Portland International Jetport	17	142,200	Acquire snow removal equipment and construct addition to snow removal equipment storage building.
Presque Isle Northern Maine Regional	06	561,159	Reconstruct portion of Runway 1/19, including drainage and marking. (Multi-Year Project. Total Federal Commitment $1,062,351).
Princeton Princeton Municipal	01	31,087	Construct apron and stub taxiway to Runway 6/24.
Rockland Knox County Regional	04	180,000	Acquire snow removal equipment.
Rockland Knox County Regional	05	175,000	Construct general aviation apron; grade and turf part of terminal area; install drainage for terminal apron.
Wiscasset Wiscasset Municipal	02	156,600	Overlay and mark Runway 7/25 (3,400' x 75') and stub taxiways; replace rotating beacon; install security fencing.

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MARYLAND			
Baltimore Baltimore-Washington International	12	1,059,479	Phase II of: Payment of funds for the immediate retirement of the principal of bonds proceeds of which were used for eligible terminal development accomplished after July 1, 1970.
Ocean City Ocean City	02	697,203	Construct runway and turnaround (3,200' x 75'); relocate access road; expand aircraft parking apron.
Salisbury Salisbury-Wicomico County	04	250,000	Reconstruct portions of Runways 5/23 and 14/32; obstruction clearing; install visual approach slope indicators (VASI-4).
Westminster Westminster	01	34,200	Install runway lighting, rotating beacon, obstruction lighting and marking, segmented circle and taxiway reflectors; relocate wind cone; clearing.
MASSACHUSETTS			
Bedford L. G. Hanscom Field	08	782,000	Install runway and taxiway lighting, new stand-by engine generator, and airport beacon; approach and transition zone clearing.
Beverly Beverly Municipal	07	194,445	Reconstruct and mark taxiways; install security fencing.
Boston Logan International	21	363,485	Install touchdown zone lighting Runway 33L; construct, mark, and light connecting taxiway at International apron; install hold line signs and lighting improvements Runway 4R.
Boston Logan International	22	2,302,448	Bond retirement - Volpe International Terminal.
Boston Logan International	23	1,194,000	Reimbursement for land acquired to ensure compatible usage.
Boston Logan International	24	3,000	Construct new general aviation apron, helipad, and access road to apron, including drainage, lighting, and pavement marking. (Multi-Year Project. Total Federal Commitment $426,000).

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Location and name of airport	Proj. no.	Federal funds	Description of work
MASSACHUSETTS (Cont'd)			
Chatham Chatham Municipal	01	99,000	Install runway lighting; install security fencing; transition zone clearing.
Fitchburg Fitchburg Municipal	03	119,349	Land; approach and transition zone clearing, Runways 14/32 and 2/20; install taxiway lights and visual approach slope indicator (VASI-2).
Gardner Gardner Municipal	01	270,000	Land; reconstruct runway (approx. 3,000' x 75'), taxiway, and apron; install runway lighting and rotating beacon; runway and taxiway marking; clear and grub approaches, clear zones, and transitions to Runway 18/36.
Hyannis Barnstable Municipal	07	375,000	Land.
Nantucket Nantucket Memorial	05	683,195	Rehabilitate and mark terminal apron and portions of Taxiways A and B; expand and mark terminal and general aviation apron; construct, mark, and light stub taxiway; install apron security lighting and security fencing. (Multi-Year Project. Total Federal Commitment $940,243).
Plymouth Plymouth Municipal	08	112,500	Land.
Provincetown Provincetown Municipal	06	109,000	Install medium-intensity approach light system with sequenced flashers, runway lights, and runway marking; obstruction clearing.
Southbridge Southbridge	02	73,800	Install runway lights, runway end identifier lights, and visual approach slope indicator (VASI-2); primary approach and transition zone clearing.
Turners Falls Turners Falls Municipal	01	193,500	Rehabilitate and mark runway; install runway end identifier lights and visual approach slope indicator (VASI-2); rehabilitate stub taxiway and apron.
Worcester Worcester Municipal	06	292,422	Expand terminal apron, including relocation of fuel farm and replacement of electrical ducts for Runway 15/33. (Multi-Year Project. Total Federal Commitment $373,292).

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Location and name of airport	Proj. no.	Federal funds	Description of work
MICHIGAN			
State of Michigan		2,029,071	State Demonstration Program grant in accordance with Section 28 of the Airport and Airway Development Act of 1970, as amended. (See Appendix F for list of State Demonstration Program projects in Michigan).
Battle Creek W. K. Kellogg Regional	05	219,330	Acquire snow removal equipment.
Benton Harbor Ross Field	02	532,980	Acquire snow removal equipment; strengthen and mark Runway 9/27 (5,107' x 100'), portion of Runway 18/36 (400'± x 100'), and Runway 13/31 (600'± x 100'), taxiways, and apron.
Detroit Detroit City	04	69,390	Acquire snow removal equipment.
Detroit Detroit Metropolitan/Wayne County	10	2,724,150	Reconstruct taxiway intersection; extend apron; revise storm water retention pond; install perimeter fencing.
Detroit Willow Run	02	487,539	Resurface runway (approx. 7,526' x 160').
Escanaba Delta County	03	145,917	Acquire snow removal equipment; expand crash/fire/rescue equipment building and construct service area and access apron. (Multi-Year Project. Total Federal Commitment $152,077).
Grand Rapids Kent County International	07	2,698,085	Construct, mark, and light runway extension (2,000' x 150') and blast pad; relocate navigational aids and road; construct, mark, and light taxiway; install perimeter fence. (Multi-Year Project. Total Federal Commitment $4,506,399).
Hancock Houghton County Memorial	03	254,670	Strengthen and mark runway (5,200' x 100') and taxiway.
Ironwood Gogebic County	02	2,344,492	Land; construct runway (6,500' x 150') and taxiway; strengthen taxiways and apron; runway lighting; runway and taxiway marking. (Multi-Year Project. Total Federal Commitment $2,635,414).
Jackson Jackson County-Reynolds Field	03	332,277	Overlay, widen, and mark taxiway; construct apron; acquire snow removal equipment; install security fencing; install rotating beacon with tower.

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Location and name of airport	Proj. no.	Federal funds	Description of work
MICHIGAN (Cont'd)			
Kalamazoo Kalamazoo Municipal	05	340,740	Acquire crash/fire/rescue vehicle; construct combined crash/fire/rescue vehicle/snow removal equipment storage building; and demolish existing building.
Lansing Capital City	03	1,769,062	Construct Runway 27L extension (750' x 150') with parallel and connecting taxiways; raise runway lights; construct Runway 27L blast pad; construct Runway 9L/27R (3,600' x 75') with parallel and connecting taxiways; remove approach light system and install medium intensity approach lighting system with runway alignment indicator lights; relocate glide slope unit; construct extended runway safety area for Runway 9R/27L; security fencing; approach clearing; utility relocation. (Multi-Year Project. Total Federal Commitment $1,886,742).
Manistee Manistee County-Blacker	03	170,280	Acquire snow removal equipment; construct crash/fire/rescue/snow removal equipment storage building; install security fencing.
Marquette Marquette County	05	49,500	Acquire snow removal equipment.
Menominee Menominee-Marinett Twin County	04	151,200	Acquire snow removal equipment.
Muskegon Muskegon County	04	1,157,269	Land; approach clearing for Runway 32; install security fencing.
Pellston Emmet County	04	47,160	Install security fencing.
Saginaw Tri-City	05	1,472,800	Overlay apron; construct, light and mark taxiway; expand and modify terminal building; install water supply for aircraft fire protection; install ramp lighting for air carrier apron; construct, light and sign entrance road; construct service road and service area.
Sault Ste. Marie Chippewa County International	01	446,460	Relocate runway lights, taxiway lights, visual approach slope indicators and runway end identifier lights; install radio controls for lighting system; construct terminal access road and ramps; runway marking; install security fencing.

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Location and name of airport	Proj. no.	Federal funds	Description of work
MICHIGAN (Cont'd)			
Traverse City Cherry Capital	05	369,180	Construct, light, and mark taxiway; overlay and mark portion of taxiways and apron; expand apron; modify security fence in terminal area; relocate wind cone and segmented circle; ramp lighting.
MINNESOTA			
Bemidji Bemidji Municipal	04	446,460	Overlay and mark runway (5,700' x 150') and transitional pavements. (Multi-Year Project. Total Federal Commitment $501,606).
Brainerd Brainerd-Crow Wing County (Walter F. Wieland Field)	02	513,000	Construct and mark taxiway with paved shoulders and connecting taxiway stub; remove existing partial parallel taxiway. (Multi-Year Project. Total Federal Commitment $571,896).
Cloquet Cloquet-Carlton County	01	425,700	Land; construct 785' extension to Runway 17/35 with turnaround, connecting taxiway, and apron extension with tiedowns; overlay Runway 17/35 (3,215' x 75') and north taxiway; install runway lighting with visual approach slope indicators (VASI-4) both ends; relocate runway end identifier lights, beacon and wind cone; construct electrical equipment building; install taxiway reflective markers and radio controls; marking; obstruction removal.
Duluth Duluth International	03	336,933	Acquire snow removal equipment. (Multi-Year Project. Total Federal Commitment $399,037).
Fairmont Fairmont Municipal	03	32,460	Install runway lighting; upgrade electrical system; install central electrical distribution building. (Multi-Year Project. Total Federal Commitment $89,207).
Hibbing Chisholm-Hibbing Municipal	04	145,941	Land and relocation assistance; structure removal; ramp and entrance road lighting; install underground power line to serve localizer; construct electrical vault addition; relocate generator and install fuel tank; bury electrical distribution lines; relocate security fence. (Multi-Year Project. Total Federal Commitment $158,438).

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Location and name of airport	Proj. no.	Federal funds	Description of work
MINNESOTA (Cont'd)			
International Falls Falls International	05	2,768,928	Land reimbursement; construct non-revenue producing areas of terminal building; reconstruct, widen, mark and light runway (from 6,500' x 100' to 6,500' x 150'); construct and mark aprons; modify navigational aids; construct electrical distribution center; install apron lighting, visual approach slope indicator and beacon; relocate runway end identifier lights. (Multi-Year Project. Total Federal Commitment $2,913,628).
Mankato Mankato Municipal	04	145,917	Land; acquire crash/fire/rescue vehicle. (Multi-Year Project. Total Federal Commitment $215,000).
Minneapolis-St. Paul Minneapolis-St. Paul International Wold Chamberlain Field	11	2,852,147	Reconstruct portion of terminal apron; reconstruct, light and mark portion of taxiway; construct new and remodel existing non-revenue producing areas of terminal building (Pier D).
Minneapolis-St. Paul Minneapolis-St. Paul International Wold Chamberlain Field	12	287,400	Construct charter terminal building addition and remodel portions of existing building; install baggage handling equipment; construct incinerator building; install incinerator.
Pipestone Pipestone Municipal	01	485,329	Land; extend runway (900' x 75') and two turnarounds; overlay runway (2,800' x 75'); install runway lighting, visual approach slope indicators, runway end identifier lights, beacon and tower; construct electrical vault; update electrical system; runway marking.
Rochester Rochester Municipal	06	882,769	Reconstruct and mark portion of Runway 2/20 (approx. 1,750' x 150') and mark runway fixed distance marking; reconstruct and mark portion of Runway 13/31 and parallel taxiway; reconstruct portion of apron.
Thief River Falls Thief River Falls Regional	04	57,150	Construct drainage structures for erosion control.
MISSISSIPPI			
Clarksdale Clarksdale-Fletcher Field	01	252,098	Reconstruct and mark runway (4,000'± x 100') and connecting taxiway; improve surface drainage.

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Location and name of airport	Proj. no.	Federal funds	Description of work
MISSISSIPPI (Cont'd)			
Clarksdale Fletcher Field	02	26,658	Install runway and taxiway lighting.
Columbus Golden Triangle Regional	07	411,336	Overlay and mark runway (6,500' x 150'); expand apron. (Multi-Year Project. Total Federal Commitment $632,104).
Corinth Roscoe Turner Field	02	39,836	Land.
Greenville Greenville International	03	264,948	Strengthen and mark taxiway. (Multi-Year Project. Total Federal Commitment $443,002).
Greenwood Greenwood-Leflore	02	145,917	Reconstruct and mark taxiway; construct and mark partial parallel taxiway; install taxiway lighting system. (Multi-Year Project. Total Federal Commitment $197,013).
Gulfport Gulfport-Biloxi Regional	05	1,100,000	Strengthen touchdown zones on Runway 13/31 (3,800'± x 150'); runway marking.
Jackson Jackson Municipal (Allen C. Thompson Field)	09	777,757	Land; install security fencing.
Jackson Jackson Municipal (Allen C. Thompson Field)	10	385,317	Land and relocation assistance; strengthen and mark south end of Runway 15R/33L (6,600' x 150') and groove north end (1,900'± 1.f.); extend apron; modify fencing in apron area; reconstruct and strengthen access and service roads. (Multi-Year Project. Total Federal Commitment $2,466,093).
Jackson Hawkins Field	03	519,970	Strengthen and mark runway (5,400'± x 150') (Stage I).
Laurel Pine Belt Regional	06	146,476	Expand and light apron; construct taxiway; install wind cones. (Multi-Year Project. Total Federal Commitment $304,274).
Macon Macon Municipal	02	92,169	Overlay and mark runway (3,000'± x 50'), connecting taxiway, turnarounds, and apron; install runway and taxiway lighting, rotating beacon and beacon tower, wind cone and segmented circle.
Meridian Key Field	03	1,092,175	Strengthen, mark and groove runway (8,000'± x 150'). (Multi-Year Project. Total Federal Commitment $1,264,738).

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MISSISSIPPI (Cont'd)			
Natchez-Anders County Hardy Anders Field	04	381,790	Strengthen and mark runway (5,000' x 150').
Oxford University-Oxford	04	151,200	Construct apron and connecting taxiways.
Tupelo C. D. Lemons Municipal	06	149,653	Expand aircraft parking apron; install perimeter fence. (Multi-Year Project. Total Federal Commitment $225,357).
MISSOURI			
Albany Albany Municipal	01	171,537	Land; construct turf strip (3,300' x 120') with strip markers and turnarounds, turf taxiway, turf apron, and gravel access road (240' x 24'); install segmented circle and wind cone; grade; drain; seed and turf.
Cape Girardeau Cape Girardeau Municipal	04	242,465	Construct apron.
Columbia Columbia Regional	06	419,127	Land; expand and light apron; seeding; groove runway. (Multi-Year Project. Total Federal Commitment $752,335).
Jefferson City Jefferson City Memorial	05	100,000	Land.
Joplin Joplin Municipal	02	1,190,409	Land; overlay Runway 13/31 (6,500' x 150') and Runway 4/22 (3,604' x 75'), parallel, connecting, and center taxiways; groove Runway 13/31; construct taxiway; rehabilitate runway lighting system; expand terminal building; install security gates; relocate, mark, and light threshold, Runway 22; displace, mark, and light threshold, Runway 35; runway and taxiway marking; seeding. (Multi-Year Project. Total Federal Commitment $1,849,889).
Kaiser Lee C. Fine Memorial	01	407,955	Overlay runway, connecting taxiways, and apron; marking.
Kansas City Kansas City International	11	74,004	Grading, drainage and seeding for Category III instrument landing system, Runway 19.
Kansas City Kansas City International	12	413,325	Expand crash/fire/rescue operations and maintenance building; relocate incineration unit.

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Location and name of airport	Proj. no.	Federal funds	Description of work
MISSOURI (Cont'd)			
Lee's Summit Lee's Summit Memorial	02	150,525	Land reimbursement.
Maryville Maryville Memorial	01	529,141	Land reimbursement; construct Runway 14/32 (3,500' x 50') with rectangular turnaround at Runway 32 end; construct connecting taxiway; drainage.
St. Louis Lambert-St. Louis International	11	155,290	Acquire snow removal equipment and crash/fire/rescue vehicle with associated equipment; construct foam storage facility.
St. Louis Lambert-St. Louis International	12	2,802,644	Construct and light taxiway, holding apron, partial parallel taxiways to Runways 6/24 and 12L/30R, and 8 exiting fillets on connecting taxiways; overlay taxiway; expand terminal apron. (Multi-Year Project. Total Federal Commitment $5,875,729).
Springfield Springfield Municipal	10	232,339	Land; remove existing structures; light taxiways; obstruction removal.
Springfield Springfield Municipal	11	333,813	Expand and remodel terminal building; obstruction removal. (Multi-Year Project. Total Federal Commitment $429,249).
Warrensburg Skyhaven	01	575,450	Land; construct runway (3,300' x 60') with turnaround north end, connecting taxiway, apron, and access road; install runway lighting and wind cone; runway and taxiway marking; fencing; drainage; seeding; modify underground gas lines.
MONTANA			
Billings Billings-Logan International	09	90,000	Acquire snow removal equipment.
Billings Billings-Logan International	10	2,055,597	Land; extend, mark, and light runway (approx. 1,900' x 150') and parallel taxiway and connection, including shoulder blast pavement; construct and mark, including retroreflective markers, Taxiway H; construct vault; install lighting regulator; install security fence and gates; relocate existing security fence and gates; Instrument Landing System grading, removal and relocation of components; relocate Weather Bureau equipment. (Multi-Year Project. Total Federal Commitment $3,005,173).

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MONTANA (Cont'd)			
Bozeman Gallatin Field	06	504,900	Construct, mark and light Taxiway A and connector Taxiways C and E; acquire four hand-held transmitters/receivers, base station and battery charger; install one electrically operated keycard gate. (Multi-Year Project. Total Federal Commitment $800,900).
Butte Butte-Silver Bow County	06	379,000	Land; construct, mark, and light portion of the north partial parallel taxiway and light existing north segment; grade for Instrument Landing System glide slope, including pavement removal; security fencing.
Conrad Conrad	01	382,500	Land; reconstruct and mark runway (approx. 3,600' x 75'); adjust and rehabilitate existing runway lights, including new rotary beacon; extend, mark and light runway (approx. 1,000' x 75'), including visual approach slope indicators (VASI-2) and runway end identifier lights; relocate irrigation ditch, regrade drainage, terminal area.
Cut Bank Cut Bank	01	481,500	Rehabilitate and mark runway (approx. 5,300' x 75') and replace lighting system; rehabilitate and mark taxiway and install retroflective edge markers.
Great Falls Great Falls International	09	540,874	Install radio communications equipment; resurface, apply porous friction course, and mark runway (approx. 10,500' x 150'); strengthen and mark parallel taxiway; raise runway and taxiway lighting fixtures; terminal bond retirement; acquire snow removal equipment. (Multi-Year Project. Total Federal Commitment $1,277,712).
Helena Helena	06	408,150	Land and relocation assistance; install security fence and gates; acquire snow removal equipment.
Missoula Johnson-Bell Field	06	869,499	Reconstruct, expand and rehabilitate portions of air carrier apron; install new and relocate Taxiway B edge lighting and lead-in marking; install apron and terminal security floodlighting; install security fence and gate; realign and rehabilitate terminal entrance road. (Multi-Year Project. Total Federal Commitment $983,009).

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MONTANA (Cont'd)			
Red Lodge Red Lodge	01	306,000	Rehabilitate and mark runway (4,000' x 75') and connecting taxiway; rehabilitate aircraft parking apron; install runway lighting system, safety fence, and gate, radio control unit for airport lighting system, rotating beacon, and wind cone.
Stevensville Stevensville	01	167,060	Site preparation, including drainage, and application of first course of double bituminous surface treatment for new runway (approx. 3,800' x 60'), taxiway, and apron; install tiedowns.
West Yellowstone Yellowstone	04	171,000	Construct standby power and related equipment shelter; provide standby electrical power; strengthen apron for air carrier parking.
NEBRASKA			
Alliance Alliance Municipal	04	90,000	Acquire snow removal equipment.
Alliance Alliance Municipal	05	275,460	Overlay SE portion of Runway 12/30 (3,400' x 150') and center portion of Runway 17/35 (6,300' x 75'), including marking; install apron and taxiway lights, segmented circle, and wind cone. (Multi-Year Project. Total Federal Commitment $493,806).
Chadron Chadron Municipal	03	446,460	Overlay and mark runway (6,000' x 100'); construct apron; install taxiway lighting; seeding. (Multi-Year Project. Total Federal Commitment $532,406).
Columbus Columbus Municipal	04	145,917	Overlay and mark portion of runway (3,000' x 100'); construct and mark taxiway, including grading, drainage and seeding; install taxiway exit lights and electrical duct. (Multi-Year Project. Total Federal Commitment $340,053).
Gordon Gordon Municipal	01	299,920	Extend (800' x 50'), overlay (3,100' x 50'), light and mark runway including turnaround and visual approach slope indicator (VASI-2); overlay taxiway and apron; install taxiway lighting and wind cone; drainage and seeding.
Grand Island Hall County Regional	07	10,000	Install runway lighting. (Multi-Year Project. Total Federal Commitment $61,911).

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NEBRASKA (Cont'd)			
Lexington Lexington Municipal	02	55,800	Construct apron; seeding.
Lincoln Lincoln Municipal	09	353,469	Construct and light partial parallel taxiway; extend apron; install lighted taxiway guidance signs; construct helipad (50' x 50') and connecting taxiway; marking and seeding; acquire snow removal equipment; rehabilitate and overlay west side road system. (Multi-Year Project. Total Federal Commitment $1,709,675).
McCook McCook Municipal	04	32,175	Apron construction; marking; drainage; seeding. (Multi-Year Project. Total Federal Commitment $177,175).
Norfolk Karl Stefan Memorial	05	145,917	Install runway and taxiway lighting; construct apron and access road; seeding. (Multi-Year Project. Total Federal Commitment $401,413).
North Platte Lee Bird Field	06	1,945,444	Site preparation for future NW/SE runway (8,000' x 150'), including extended runway safety areas and navigational aids; creek relocation; obstruction removal; storm sewers installation; drainage; seeding; fencing. (Multi-Year Project. Total Federal Commitment $2,091,361).
Ogallala Searle Field	04	50,000	Install lighting systems for Runways 8/26 and 13/31 and connecting taxiways.
Omaha Eppley Airfield	10	1,197,375	Land; install a centerline and touchdown lighting system on Runway 14R/32L, including standby generator, control equipment, vault building, underground electrical duct, asphaltic concrete overlay, marking and regrooving; acquire snow removal equipment; obstruction removal.
O'Neill O'Neill Municipal	01	511,200	Land; remove power line and close road; widen (3,500' x 25'), extend (900' x 75'), including construction of turnaround, and overlay (3,500' x 50') runway; overlay and widen taxiway; construct taxiway; install visual approach slope indicators (VASI-2) and modify runway lighting; marking; construct access road; install segmented circle and wind cone; seeding.

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NEBRASKA (Cont'd)			
Sidney Sidney Municipal	02	99,900	Construct snow removal equipment building; acquire snow removal equipment.
NEVADA			
Battle Mountain Lander County	02	118,031	Reconstruct and expand aircraft parking apron, including tiedowns and marking; install lighted wind cone and segmented circle.
Carson City Carson Airport	04	213,480	Expand aircraft parking apron, including tiedowns; construct and mark taxiway; install drainage conduits.
Elko Elko Municipal (J. C. Harris Field)	03	446,460	Overlay terminal apron; construct and mark blast pad, Runway 5; stabilize unpaved area at end of Runway 23; overlay, widen, and mark taxiways; construct crash/fire/rescue equipment building; acquire crash/fire/rescue vehicle; install security gate. (Multi-Year Project. Total Federal Commitment $492,553).
Ely Ely (Yelland Field)	04	145,917	Reconstruct taxiways and aircraft parking apron; construct aircraft parking apron; relocate fuel facilities; rehabilitate water well. (Multi-Year Project. Total Federal Commitment $401,438).
Hawthorne Hawthorne	01	250,000	Construct and mark taxiway, including edge reflectors.
Las Vegas McCarran International	08	2,762,279	Land and relocation assistance; extend blast pad at end of Runway 1R; construct Taxiway S and three runway exit taxiways; construct holding apron; extend apron and install security floodlighting; expand general aviation apron; construct new electrical vault; install taxiway lighting and marking; relocate airport perimeter road; reconstruct two access roads, including street lighting, drainage, and marking.
Panaca Lincoln County	01	105,960	Install runway lighting system, taxiway guidance signs, obstruction lights, rotating beacon, and lighted wind cone; relocate segmented circle; construct electrical vault building, including electrical power service, radio control unit, and associated vault equipment; install aircraft apron security lighting.

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NEVADA (Cont'd)			
Reno Reno International	07	1,315,037	Stabilize shoulders each side Runway 16/34 and Taxiway A, including marking; extend apron, including relocation of taxilane lighting; improve airport drainage.
Winnemucca Winnemucca Municipal	02	327,399	Reconstruct runway (approx. 5,000' x 50'), including seal coat on remainder of 150' wide runway; reconstruct portion of taxiway, including taxiway exit indicators; construct taxiway and connector taxiway, including taxiway exit indicators and drainage; runway and taxiway marking.
NEW HAMPSHIRE			
Berlin Berlin Municipal	01	61,200	Land; rehabilitate six hazard beacons.
Concord Concord Municipal	04	12,600	Install two hazard beacons; modify Runway 17/35 lighting; clear trees in approach to Runways 30 and 35; runway marking.
Keene Dillant-Hopkins	04	37,800	Install runway lights, Runway 14/32 and radio control for runway lighting on Runway 2/20.
Lebanon Lebanon Regional	06	729,000	Reconstruct and mark runway (approx. 4,000' x 150'); construct, light and mark portion of taxiway.
Manchester Manchester Airport/Greiner Industrial Airpark	09	115,200	Acquire snow removal equipment.
Manchester Manchester Airport/Greiner Industrial Airpark	10	105,112	Construct crash/fire/rescue-snow removal equipment storage building. (Multi-Year Project. Total Federal Commitment $346,084).
Rochester Skyhaven	01	117,000	Expand apron and construct two stub taxiways; overlay existing apron and stub taxiway.
NEW JERSEY			
Caldwell Essex County	04	493,447	Rehabilitate and mark runway (approx. 4,730' x 100'); install runway lighting system; drainage modifications; obstruction removal.
Linden Linden	02	294,354	Overlay and mark runway (4,137' x 75'); remove tree obstructions to Runway 26 approach including necessary land interest.

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Location and name of airport	Proj. no.	Federal funds	Description of work
NEW JERSEY (Cont'd)			
Millville Millville Municipal	03	580,000	Land; reconstruct taxiways; obstruction removal.
Morristown Morristown Municipal	06	275,514	Construct taxiway spur to Taxiway D, including marking, lighting and drainage.
Newark Newark International	25	475,201	Upgrade airport fuel storage facilities (Phase I).
Newark Newark International	27	74,197	Acquire snow removal equipment.
Newark Newark International	28	130,007	Groove Runway 11/29 and approx. 330 l.f. of Runway 4R/22L at intersection with Runway 11/29.
Newark Newark International	29	254,481	Construct and reconstruct runway and taxiway pavement joints; overlay portions of Brewster Road, "D" Road, and fire lane; drain, grade and seed areas adjacent to Runway 11/29.
Newark Newark International	30	807,572	Terminal debt retirement (North Terminal and Terminals A and B).
Newark Newark International	31	54,018	Replace six taxiway and runway lighting constant current regulators in Switch House #2.
Ocean City Ocean City Municipal	02	213,448	Widen, overlay and mark runway (from approx. 3,200' x 50' to 3,200' x 60'), including drainage modifications; reconstruct aircraft parking apron.
Trenton Mercer County	04	424,017	Construct new service road; install security fencing.
Woodbine Woodbine Municipal	02	128,880	Reconstruct portion of runway (approx. 575' x 60'); install runway lighting, marking, visual approach slope indicators (VASI-2) and runway end identifier lights.
NEW MEXICO			
Alamogordo Alamogordo/White Sands Regional	05	446,460	Construct aircraft parking aprons and stub taxiways; relocate pipeline; drainage improvements.
Albuquerque Albuquerque International	08	1,465,007	Construct Phase III of south general aviation area, including apron pavement; install security fencing.

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Location and name of airport	Proj. no.	Federal funds	Description of work
NEW MEXICO (Cont'd)			
Albuquerque Albuquerque International	09	380,000	Install runway lights, engine generator, and taxiway guidance system; construct electrical vault; relocate telephone cables.
Albuquerque West Mesa	01	1,200,000	Land.
Belen Alexander Municipal	01	387,467	Land; Phase I of: Construct runway (4,800' x 60'), holding pad, partial parallel taxiway, connecting taxiway, apron, and access road; install runway lighting, fencing, segmented circle, rotating beacon, and wind cone; seeding and marking.
Carlsbad Cavern City Air Terminal	05	132,331	Phase I of: Rehabilitate, overlay, and mark Runway 14R/32L; install security gate.
Clovis Clovis Municipal	07	225,280	Install taxiway lighting; Phase I of: Overlay runway (5,700' x 150').
Farmington Farmington Municipal	06	271,734	Construct and mark taxiways; expand apron; install terminal apron security lighting; mark displaced threshold on Runway 7.
Gallup Senator Clarke Field	07	55,000	Acquire snow removal equipment.
Hobbs Lea County (Hobbs)	07	127,138	Phase I of: Reconstruct and overlay Taxiways T-1A, T-4 and T-6.
Hobbs Lea County (Hobbs)	08	117,662	Install independent ground-to-ground and air-to-ground medium-intensity approach lighting system with runway alignment indicator lights (MALSR) controls on Runway 3. Phase II of: Reconstruct and overlay Taxiways T-1A, T-4 and T-6.
Hobbs Lea County (Hobbs)	09	177,200	Phase I of: Overlay and mark Runway 12/30 (5,001' x 150').
Ruidoso Ruidoso Municipal	04	145,476	Overlay parallel and connecting taxiways; overlay south ramp area and connecting taxiway; construct T-hangar taxiways; marking.
Taos Taos Municipal	03	51,194	Acquire snow removal equipment.
Tucumcari Tucumcari Municipal	01	284,721	Rehabilitate and mark runway and taxiways.

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Location and name of airport	Proj. no.	Federal funds	Description of work
NEW YORK			
Albany Albany County	06	699,973	Install new air-conditioning system in existing terminal building, including necessary modifications to the existing heating and ventilating system; expand air carrier terminal apron. (Multi-Year Project. Total Federal Commitment $1,384,866).
Batavia Genesee County	02	571,877	Land; construct, mark, and light taxiway, including associated drainage and grading; rehabilitate taxiways; obstruction removal.
Bayport Edwards	01	720,000	Acquire Edwards Airport (approx. 50 acres).
Binghamton Broome County	05	544,672	Expand apron; overlay apron and associated taxiways; relocate runway end identifier light units from Runway 16 to Runway 10; rehabilitate electrical system serving visual approach slope indicator on Runway 16; install taxiway sign and pavement marking to designate Instrument Landing System critical area; acquire snow removal equipment. (Multi-Year Project. Total Federal Commitment $594,672).
Buffalo Greater Buffalo International	14	907,148	Install airport security fencing; rehabilitate apron; expand existing maintenance building; acquire snow removal equipment.
Dansville Dansville Municipal	02	300,500	Land; replace lighting and install runway end identifier lights both ends of Runway 14/32; install visual approach slope indicator (VASI-2); obstruction removal.
Elmira Chemung County	06	1,392,837	Overlay and groove runway (approx. 7,000' x 150'); overlay taxiway; runway and taxiway marking.
Elmira Chemung County	07	400,000	Land.
Farmingdale Republic	05	225,900	Land; construct west side transient aircraft parking apron.
Fulton Oswego County	05	90,000	Land.
Islip Islip MacArthur	06	560,000	Taxiway drainage improvements; widen and strengthen taxiway. (Multi-Year Project. Total Federal Commitment $786,553).

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Location and name of airport	Proj. no.	Federal funds	Description of work
NEW YORK (Cont'd)			
Ithaca Tompkins County	06	107,529	Acquire snow removal equipment.
Jamestown Chautauqua County	03	864,636	Rehabilitate runway (approx. 4,500' x 100'), including associated grading, drainage, and marking; construct taxiway, including lighting, grading, drainage, and marking; obstruction removal.
Monticello Sullivan County	02	209,582	Install glide slope and middle marker facilities on Runway 15 approach, including associated site preparation, pavement marking, land acquisition and obstruction removal or marking.
Newburgh Stewart	02	645,000	Widen and rehabilitate taxiway, including drainage, edge lighting, lighted taxiway guidance signs, and marking.
New York John F. Kennedy International	22	2,433,311	Construct parallel taxiway between Runway 4L/22R and Taxiway Z, including associated drainage, grading marking and lighting.
New York John F. Kennedy International	24	830,800	Install runway and taxiway centerline lights and taxiway edge lighting; replace cables and transformers for Taxiways G, H, and Z edge light systems; illuminate six wind socks; relocate street light standards on service court, Compass Road, and Pilot Road; install ground fault protection to transformers serving fuel storage facilities; install seven lighting regulators in switch house 1 and 2.
New York John F. Kennedy International	25	2,225,263	Extend service roads, including associated drainage, roadway lighting, traffic signs, and signals.
New York John F. Kennedy International	26	5,400,000	Terminal debt retirement (International Arrivals Building, Wing Buildings, including loading bridges and plane mates).
New York John F. Kennedy International	28	401,822	Resurface roads in Areas 6, 7, 8, 9, 10, 11, 12 and 13; Area 3 - pave grass areas between Taxiway I and the perimeter service road; Areas 4 and 5 - resurface areas of Taxiways SB, S, and general aviation terminal apron to strengthen and improve drainage.

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Location and name of airport	Proj. no.	Federal funds	Description of work
N E W Y O R K (Cont'd)			
New York John F. Kennedy International	29	174,761	Acquire snow removal equipment.
New York LaGuardia	23	21,679	Install runway and taxiway lighting pa[illegible] in the control tower.
New York LaGuardia	24	559,359	Install additional subsurface drainage parallel to Runway 13/31; overlay intersection of Runways 4/22 and 13/31; re-groove (approx. 600 l.f.) on Runway 22 deck; groove (approx. 1,815 l.f.) around the intersection of Runway 4/22 and Runway 13/31; groove Taxiways Q, HS, C, T and N; overlay taxiway; extend erosion pavement at end of Runway 4; strengthen taxiways; improve winter drainage system.
New York LaGuardia	25	134,606	Terminal debt retirement (pedestrian connectors).
Niagara Falls Niagara Falls International	06	668,490	Rehabilitate culverts under Runway 10L/28R and Taxiway G; partial consolidation of electrical power distribution.
Poughkeepsie Dutchess County	05	464,435	Construct terminal apron, taxiway, and access road, with lights, grading, and drainage; apron and taxiway marking; apron fencing.
Rochester Rochester-Monroe County	08	3,468,873	Install Category II signs and markings; replace existing runway centerline lights, Runway 4/22; construct new electrical vault; reconstruct intersection of Taxiways B and D and overlay Taxiway H between Taxiways B and D; extend Taxilane C; provide new gate for general aviation cargo handling; acquire snow removal equipment; rehabilitate public rest rooms in terminal building; replace main entrance pedestrian walkways and roof; taxiway lighting, marking, and drainage.
Saranac Lake Adirondack	03	1,220,791	Construct taxiway and convert existing runway to a taxiway; taxiway lighting, grading, drainage, and marking; fencing; runway lighting.

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Location and name of airport	Proj. no.	Federal funds	Description of work
NEW YORK (Cont'd)			
Saratoga Saratoga County	03	399,600	Land; overlay and light taxiways; obstructi removal.
Schenectady Schenectady County	05	40,500	Obstruction removal Runway 4, including necessary avigation easements.
Shirley Brookhaven Municipal	02	98,573	Install runway edge lights and runway end identifier lights; obstruction removal.
Utica Oneida County	06	585,000	Groove runway (6,000' x 130'); rehabilitate runway lighting; overlay taxiways and aircraft parking apron; construct apron; install fence; acquire snow removal equipment.
White Plains Westchester County	02	2,171,471	Overlay, mark and groove runway (approx. 6,550' x 150'), including replacement of lighting system; construct new lighting vault; obstruction removal; install fence; install new visual approach slope indicator system (VASI-4) on Runways 11 and 16 and new runway end identifier lights on Runway 11. (Multi-Year Project. Total Federal Commitment $2,790,579).
NORTH CAROLINA			
Asheville Asheville Municipal	04	1,546,085	Site preparation for 1,500' runway and taxiway extension to include site preparation for the glide slope and localizer and relocation of the localizer. (Multi-Year Project. Total Federal Commitment $2,174,047).
Charlotte Douglas Municipal	13	1,503,081	Construct base course for Runway 18R/36L (10,000' x 150') and parallel and connecting taxiways (excluding high speed diagonal taxiways); approach clearing for Runway 36L; construct concrete encased electrical duct from Runway 18R/36L to new airport traffic control tower.
Erwin Harnett County	01	270,000	Land.
Fayetteville Fayetteville Municipal	05	583,160	Extend Runway 3/21 and parallel taxiway (700') to include localizer relocation. (Multi-Year Project. Total Federal Commitment $749,755).

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Location and name of airport	Proj. no.	Federal funds	Description of work
NORTH CAROLINA (Cont'd)			
Greensboro Greensboro/High Point/ Winston-Salem Regional	07	2,582,059	General site preparation for terminal area; relocate Inman Road. (Multi-Year Project. Total Federal Commitment $3,086,896).
Greenville Pit-Greenville	01	698,400	Reconstruct, light, and mark runway; approach clearing.
Jacksonville Albert J. Ellis	03	33,883	Strengthen taxiways and general aviation apron; install supplemental wind cones. (Multi-Year Project. Total Federal Commitment $98,541).
Kinston Stallings Field	04	170,645	Install runway and taxiway lighting; construct vault; install engine generator and wind cones. (Multi-Year Project. Total Federal Commitment $434,593).
Monroe Monroe	05	159,300	Land; approach clearing.
New Bern Simmins-Nott	03	145,548	Install runway lighting, visual approach slope indicators (VASI-4 and VASI-2) and runway end identifier lights; construct electrical vault.
Raleigh Raleigh-Durham	05	788,250	Rehabilitate and strengthen air carrier and crash/fire/rescue building apron; groove Runway 5/23; approach clearing.
Reidsville Shiloh	03	101,541	Land.
Rutherford Rutherford County	02	13,500	Land; modify/add threshold and runway lights for non-precision approach.
Salisbury Rowan County	01	48,600	Land.
Smithfield Johnston County	03	220,309	Land; install runway and taxiway lighting, 36" beacon and tower, and visual approach slope indicators (VASI-2).
Southern Pines Pinehurst-Southern Pines	02	257,400	Land and relocation assistance; approach clearing.
Sylva Jackson County	02	82,735	Land and relocation assistance.
Wilmington New Hanover County	05	403,884	Expand and light general aviation apron; install visual approach slope indicators (VASI-4). (Multi-Year Project. Total Federal Commitment $544,876).

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Location and name of airport	Proj. no.	Federal funds	Description of work
NORTH CAROLINA (Cont'd)			
Winston-Salem Smith Reynolds	04	816,397	Strengthen Runway 15/33; install security fencing. (Multi-Year Project. Total Federal Commitment $1,147,633).
NORTH DAKOTA			
Bismarck Bismarck Municipal	07	1,788,800	Extend runway (1,377' x 150'), parallel taxiway, and runway and taxiway lighting system; mark pavement and grade the extended safety area; relocate road, glide path equipment, and Approach Light System; construct and mark taxiway and "T" hangar taxiways; grade hangar area; reconstruct and extend tie-down apron; install taxiway lighting; acquire snow removal equipment. (Multi-Year Project. Total Federal Commitment $2,338,800).
Devils Lake Devils Lake Municipal	04	10,000	Install security and safety fence; acquire clear zone easement for southwest approach; modify lighting controls; relocate gasline; construct access road; construct service road; improve drainage; remodel and construct addition to terminal building. (Multi-Year Project. Total Federal Commitment $193,091).
Dickinson Dickinson Municipal	02	736,200	Construct runway (5,200' x 75'), connecting taxiways, and apron extensions; install runway and taxiway lighting, lighted wind cone, segmented circle and tiedowns; remove obstructions; install perimeter fencing; marking.
Fargo Hector Field	09	1,063,342	Land; site preparation for west side terminal area and access road; extend lighting controls to new air traffic control tower and install control panel. (Multi-Year Project. Total Federal Commitment $1,713,692).
Grand Forks Grand Forks International	05	349,200	Construct partial parallel taxiway, including taxiway lights and marking; relocate segmented circle and replace wind tee with wind cone; install supplemental wind cones; acquire snow removal equipment.
Grand Forks Grand Forks International	06	82,443	Overall site preparation for general aviation area; construct and light taxiways and aprons; install tiedowns and safety fence; construct access roads; taxiway marking. (Multi-Year Project. Total Federal Commitment $701,959).

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Location and name of airport	Proj. no.	Federal funds	Description of work
NORTH DAKOTA (Cont'd)			
Minot Minot International	05	1,119,059	Construct, mark and light taxiways; relocate glide slope; modify lighting control vault. (Multi-Year Project. Total Federal Commitment $1,809,379).
Williston Sloulin Field International	04	93,600	Land; apply skid resistant seal coat and mark runway (6,041' x 100'); remove obstructions.
OHIO			
Akron-Canton Akron-Canton Regional	06	850,000	Construct, mark, and light apron, access taxiway, and access road; overlay and mark taxiways; site preparation for Instrument Landing System Glide Slope Antenna and medium-intensity approach lighting system with runway alignment indicator lights; install security fencing and gate; acquire snow removal equipment. (Multi-Year Project. Total Federal Commitment $1,279,245).
Cincinnati Lunken Field	01	1,600,000	Land; reconstruct, overlay, mark, and light runway (5,139' x 100'); install visual approach slope indicator (VASI-4), taxiway guidance signs, and lighted wind cone.
Cleveland Cleveland Hopkins International	07	4,267,644	Overlay and mark taxiways; reconstruct apron; install taxiway edge lighting; construct snow removal equipment storage building.
Cleveland Cuyahoga County	04	199,500	Acquire snow removal equipment.
Columbus Port Columbus International	06	1,664,035	Groove runways (10,700' x 130') and (6,000' x 130'); overlay and mark runway (3,826' x 100'); construct eastbound land to existing terminal entrance road; reconstruct and expand general aviation apron; install obstruction lights and security fence, including two gates; acquire crash/fire/rescue vehicle and snow removal equipment; overlay existing entrance road.

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Location and name of airport	Proj. no.	Federal funds	Description of work
OHIO (Cont'd)			
Dayton James M. Cox Dayton International	06	1,429,765	Construction and renovation of terminal south finger for non-revenue producing public-use space; construct paved shoulders on the terminal drive entrance road; overlay portion of terminal drive; install security fencing and associated gates; acquire snow removal equipment.
Lorain Lorain County Regional	03	139,500	Acquire snow removal equipment.
Mansfield Mansfield (Lahm) Municipal	03	561,000	Land reimbursement; overlay, reconstruct, and mark Taxiways A and B; overlay and mark Taxiways C, E, and F; construct taxiway radius fillets; expand terminal apron.
Middletown Hook Field Municipal	02	222,750	Asphalt overlay and mark runway (6,100' x 100'), taxiway, and terminal apron area.
Philadelphia Harry Clever Field	02	231,534	Overlay and mark runway (approx. 3,950' x 100'); install visual approach slope indicators (VASI-4).
Portsmouth Greater Portsmouth Regional	02	236,700	Overlay and mark runway (5,000' x 100') and connecting taxiway.
Smithfield Smithfield Municipal	04	475,000	Land reimbursement; overlay and mark runway (approx. 7,400' x 150').
Toledo Toledo Express	06	512,253	Immediate retirement of principal of bonds, the proceeds of which were used for renovation and expansion between July 1, 1970 and July 12, 1976, of non-revenue producing public-use areas of terminal building.
Toledo Toledo Express	07	1,775,000	Reconstruct, overlay, widen and mark terminal apron; widen, overlay, mark, and light stub taxiways; construct two taxiway connectors; install apron lighting.
Youngstown Youngstown Municipal	08	614,649	Construct aircraft parking apron and taxiway; overlay terminal apron, terminal entrance drive, and taxiways; groove runway (approx. 71,000 s.y.); expand aircraft parking apron; install taxiway lighting; marking.
OKLAHOMA			
Altus Altus Municipal	02	108,000	Land.

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Location and name of airport	Proj. no.	Federal funds	Description of work
OKLAHOMA (Cont'd)			
Ardmore Ardmore Municipal	01	570,146	Strengthen and reconstruct runway.
Cushing Cushing Municipal	02	53,000	Install runway lighting, electric controls to runway end identifier lights, lighted wind cone, and segmented circle.
Elk City Elk City Municipal	01	328,264	Realign and construct runway (approx. 3,400' x 60'), including taxiway connections; install runway lighting.
El Reno Mustang Field	03	28,998	Construct connecting taxiways to Hangars 2 and 3.
Enid Enid-Woodring Municipal	05	61,905	Install runway lighting.
Lawton Lawton Municipal	07	292,353	Expand terminal apron; expand crash/fire/rescue equipment building; acquire snow removal equipment.
McAlester McAlester Municipal	03	183,632	Reconstruct and widen portion of parallel taxiway; construct helipad and stub taxiway; Phase II of: Reconstruct portion of and extend apron, including relocation of antenna.
Muskogee Davis Field	03	179,686	Reconstruct portion of apron.
Oklahoma City Will Rogers World	09	1,432,120	Reconstruct and strengthen a portion of terminal apron and entrances A and B; Phase II of: Construct taxiway.
Oklahoma City Will Rogers World	12	2,262,366	Strengthen and reinstall lights on parallel taxiway system for Runway 17L/35R; Phase II of: Overlay Runway 17L/35R (9,800' x 150'), including marking and lighting adjustments.
Okmulgee Okmulgee Municipal	02	55,880	Install runway lighting, rotating beacon, lighted wind cone, and segmented circle; construct electrical vault.
Perry Perry Municipal	03	30,355	Construct apron and connecting taxiway; install segmented circle and lighted wind cone.
Ponca City Ponca City Municipal	08	61,200	Install lighting on parallel and connecting taxiways, including guidance signs.

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Location and name of airport	Proj. no.	Federal funds	Description of work
OKLAHOMA (Cont'd)			
Ponca City Ponca City Municipal	09	84,717	Construct crash/fire/rescue equipment building, including connecting road; Phase I of: Construct taxiway and relocate drainage; install two security gates.
Tulsa Tulsa International	12	53,700	Relocate a portion of perimeter road, including drainage.
Tulsa Tulsa International	13	443,767	Acquire snow removal equipment.
Tulsa Tulsa International	14	3,249,333	Reconstruct runway and taxiway; install supplemental wind cone and taxiway guidance signs; relocate Category II hold signs and remark taxiway; Phase I of: Reconstruct Taxiways A1, A2, A3, A4, and portion of Taxiway A.
Tulsa Tulsa Riverside	03	84,600	Land.
OREGON			
Aurora Aurora State	02	440,000	Install runway lights, lighted wind cone, and segmented circle; reconstruct and mark runway; site preparation for aircraft parking apron; construct and mark stub taxiway.
Hermiston Hermiston Municipal	02	58,000	Install perimeter fencing; expand aircraft tiedown areas.
Hillsboro Portland-Hillsboro	04	201,876	Land.
Klamath Falls Kingsley Field	03	224,100	Rehabilitate and mark portion of runway.
La Grande La Grande Municipal	03	160,354	Reconstruct and mark taxiway.
Lebanon Lebanon State	02	79,200	Land.
Medford Medford-Jackson County	07	1,915,000	Strengthen, mark and construct porous friction course, Runway 14/32; strengthen and mark taxiways; construct, mark and light taxiway; strengthen and mark holding apron and terminal apron.

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Location and name of airport	Proj. no.	Federal funds	Description of work
OREGON (Cont'd)			
Pendleton Pendleton Municipal	05	660,000	Install runway lighting; reconstruct, strengthen, and mark portion of runway.
Portland Portland International	15	2,502,723	Reconstruct, overlay, mark, and groove runway and replace runway lighting; install taxiway lights and signs; construct asphalt shoulders for runway and stabilized shoulders for connecting taxiways; install security fence and gates; construct, mark, and light taxiway, including stabilized shoulders; construct extended runway blast pad.
Redmond Roberts Field	05	527,000	Land; construct, mark and light taxiways; acquire snow removal equipment.
Salem McNary Field	06	713,295	Land; rehabilitate and mark runways.
Scappoose Scappoose Industrial Airpark	02	337,500	Land and relocation assistance; construct and mark taxiways.
Troutdale Portland Troutdale	01	320,000	Construct, mark and light taxiways; construct aircraft parking apron, including tiedowns.
PENNSYLVANIA			
State of Pennsylvania		1,586,807	State Demonstration Program grant in accordance with Section 28 of the Airport and Airway Development Act of 1970, as amended. (See Appendix F for list of State Demonstration Program projects in Pennsylvania).
Allentown Allentown-Bethlehem-Easton	07	464,778	Terminal building development (bond retirement).
Allentown Allentown-Bethlehem-Easton	08	728,370	Fill minehole and extend storm sewer.
Allentown Allentown-Bethlehem-Easton	09	49,950	Construct safety area for runway and taxiway, including relocation of the Runway 13 medium-intensity approach lighting system with runway alignment indicator lights; modify security fencing. (Multi-Year Project. Total Federal Commitment $232,110).

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PENNSYLVANIA (Cont'd)			
Altoona Altoona-Blair County	04	253,134	Install runway lighting, visual approach slope indicators (VASI-2 and VASI-4), and obstruction lights; approach clearing, Runways 2 and 20; acquire obstruction light easements, Area 4.
Beaver Falls Beaver County	01	343,764	Construct access road, aircraft parking apron, and connecting taxiways.
Bradford Bradford Regional	07	202,230	Reconstruct aircraft parking apron and T-hangar taxiways; acquire snow removal broom; overlay service road.
Bradford Bradford Regional	08	114,570	Construct sand/snow removal equipment storage building.
Butler Butler-Graham	03	357,780	Construct, mark, and light aircraft parking apron, connecting taxiway, and crossover taxiway.
DuBois DuBois-Jefferson County	05	240,750	Overlay and mark taxiways and apron.
Erie Erie International	06	672,649	Realign Powell Avenue, Oxer Road, and 20th Street; relocate Runway 6 localizer; modify Runway 24 medium-intensity approach lighting system with runway alignment indicator lights; construct outfall drainage system; realign perimeter fencing; relocate utilities.
Erie Erie International	07	198,911	Land and relocation assistance; obstruction removal. (Multi-Year Project. Total Federal Commitment $375,940).
Johnstown Johnstown-Cambria County	04	828,900	Overlay and mark Runway 15/33 (5,500' x 150') and parallel and connecting taxiways; groove runway; acquire snow removal equipment.
Middletown Harrisburg International	04	623,855	Demolish buildings 29 and 240.
Philadelphia Philadelphia International	20	1,799,691	Terminal building development (bond retirement).
Philadelphia Philadelphia International	21	81,750	Rehabilitate and strengthen apron drainage structures.
Pittsburgh Greater Pittsburgh International	12	150,000	Land.

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PENNSYLVANIA (Cont'd)			
Pittsburgh Greater Pittsburgh International	13	229,797	Acquire snow removal equipment.
Pittsburgh Greater Pittsburgh International	14	1,988,437	Land and relocation assistance; obstruction removal.
Wilkes-Barre Wilkes-Barre/Scranton International	05	378,900	Acquire snow removal equipment.
Wilkes-Barre Wilkes-Barre/Scranton International	06	538,830	Overlay, mark, and groove easterly and westerly portions of Runway 10/28 (3,130' x 150'); overlay and mark Taxiways A and E.
Williamsport Williamsport-Lycoming County	05	331,802	Land; rehabilitate, groove, and mark easterly 4,000' of Runway 9/27. (Multi-Year Project. Total Federal Commitment $756,866).
PUERTO RICO			
Fajardo Fajardo	01	600,000	Construct, mark and light runway (3,600' x 75'), west segment of parallel taxiway, connecting taxiways, and aircraft parking apron; construct turf tiedown apron; relocate and improve unpaved roads; modify unpaved roadway intersection; install perimeter and safety fencing and gates; install wind cone, segmented circle, and airport beacon.
Ponce Mercedita	05	65,603	Install runway, taxiway and apron lighting.
San Juan Puerto Rico International	08	1,506,759	Expand cargo apron; install apron edge and stub taxiway lighting; relocate security fencing.
RHODE ISLAND			
Block Island Block Island State	01	180,000	Overlay and mark runway (approx. 2,500' x 100'); expand terminal apron.
Providence T. F. Green State	04	405,000	Acquire snow removal equipment.
SOUTH CAROLINA			
Anderson Anderson County	01	25,200	Remove obstruction.

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Location and name of airport	Proj. no.	Federal funds	Description of work
SOUTH CAROLINA (Cont'd)			
Charleston Charleston AFB/Municipal	02	2,009,343	Land; relocate hazardous material storage facility, including apron, taxiway, road, and fencing serving this area. (Multi-Year Project. Total Federal Commitment $4,095,683).
Columbia Columbia Metropolitan	05	282,710	Install access road and terminal building graphics; landscaping of terminal building area and access road; install energy conservation computer system in terminal building; install baggage conveyer equipment.
Columbia Columbia Metropolitan	06	290,927	Reconstruct 1,600' of Runway 11/29 and a portion of Taxiway B. (Multi-Year Project. Total Federal Commitment $883,327).
Florence Florence City/County	07	142,250	Expand and light air carrier apron and general aviation apron; construct and light taxiway; strengthen taxiways and air carrier apron. (Multi-Year Project. Total Federal Commitment $335,108).
Georgetown Georgetown County	02	52,020	Install runway lighting, visual approach slope indicator (VASI-4), wind cone, segmented circle, and rotating beacon.
Greenwood Greenwood County	02	270,000	Strengthen and mark runway (5,000' x 150') and taxiways.
Greer Greenville-Spartanburg	05	1,274,790	Groove runway (7,600' x 150'); obstruction removal; acquire crash/fire/rescue vehicle; glide slope grading, Runway 21. (Multi-Year Project. Total Federal Commitment $1,384,092).
Hilton Head Island Hilton Head	01	539,928	Land; construct taxiway; expand apron; install runway lighting.
Myrtle Beach Myrtle Beach Air Force Base	01	867,066	Construct and light taxiways; expand and light apron; relocate telephone cables and service road. (Multi-Year Project. Total Federal Commitment $1,475,481).

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Location and name of airport	Proj. no.	Federal funds	Description of work
SOUTH CAROLINA (Cont'd)			
Union Union County	01	328,956	Pave, mark and light runway (3,000' x 60'); construct stub taxiway and apron; install visual approach slope indicators (VASI-2), and rotating beacon; extend runway safety area.
SOUTH DAKOTA			
State of South Dakota		678,838	State Demonstration Program grant in accordance with Section 28 of the Airport and Airway Development Act of 1970, as amended. (See Appendix F for list of State Demonstration Program projects in South Dakota).
Aberdeen Aberdeen Regional	08	289,060	Land.
Brookings Brookings Municipal	04	460,856	Land and relocation assistance; acquire snow removal equipment. (Multi-Year Project. Total Federal Commitment $610,856).
Huron Huron Regional	06	114,435	Overlay apron; install security fence; construct maintenance building; acquire snow removal equipment. (Multi-Year Project. Total Federal Commitment $207,480).
Mitchell Mitchell Municipal	06	495,500	Reconstruct portion of taxiway; overlay portion of taxiway and connecting taxiway; install taxiway lighting and marking; acquire snow removal equipment. (Multi-Year Project. Total Federal Commitment $639,500).
Rapid City Rapid City Regional	07	982,455	Land; construct, mark, and light runway (3,600' x 75') and parallel taxiway; install visual approach slope indicators (VASI-2); grading for future 1,300-foot runway extension and parallel taxiway; replace porous friction course and mark runway at runway intersection; fencing. (Multi-Year Project. Total Federal Commitment $1,524,686).

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Location and name of airport	Proj. no.	Federal funds	Description of work
SOUTH DAKOTA (Cont'd)			
Sioux Falls Joe Foss Field	09	330,000	Install security fence and gates; construct security enclosure and taxiways in general aviation area, including bypass apron; install standby power generator and switch gear for terminal emergency power; install security lighting for general aviation area; acquire snow removal equipment.
Watertown Watertown Municipal	09	611,273	Construct, mark and light taxiway, including end and intermediate connections. (Multi-Year Project. Total Federal Commitment $761,273).
TENNESSEE			
Arlington Arlington Municipal	01	230,785	Extend and mark taxiway; construct and mark stub taxiway; expand aircraft parking apron.
Bristol Tri-City	08	573,202	Land; site preparation for runway and parallel taxiway extensions; install security fencing; acquire snow removal equipment. (Multi-Year Project. Total Federal Commitment $1,976,274).
Chattanooga Lovell Field	08	1,223,380	Land and relocation assistance; structures and obstruction removal; construct, mark, and light taxiway; expand terminal apron; strengthen service road.
Clarksville Outlaw Field	05	166,556	Site preparation for runway extension. (Multi-Year Project. Total Federal Commitment $276,615).
Knoxville McGhee Tyson	09	1,280,258	Land; install Category II signs, Runway 4L/22R; strengthen and mark Taxiways B and B-2; acquire snow removal equipment; install security fencing; groove and mark runway. (Multi-Year Project. Total Federal Commitment $1,334,143).
Morristown Moore-Murrell	01	567,000	Land; extend runway (1,700' x 100'); install runway and taxiway lighting, visual approach slope indicator (VASI-2), runway end identifier lights, wind cone, and segmented circle; approach clearing.

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Location and name of airport	Proj. no.	Federal funds	Description of work
TENNESSEE (Cont'd)			
Nashville Nashville Metropolitan	10	26,400	Acquire crash/fire/rescue truck and auxiliary equipment.
Nashville Nashville Metropolitan	11	1,540,082	Strengthen and mark runway (6,600'± x 150'); install runway lighting and groove runway.
TEXAS			
Abilene Abilene Municipal	07	275,288	Phase III of: Reconstruct, mark, and light Runway 17R/35L (6,000' x 150'); construct, mark, and light east parallel and associated taxiways serving Runway 17R/35L; site preparation for Taxiway C; install taxiway guidance signs.
Amarillo Amarillo International	07	739,348	Construct and light general aviation aprons and connecting taxiways; install fencing; construct access road.
Austin Robert Mueller Municipal	07	513,855	Reconstruct and expand west side terminal ramp; extend and light taxiway; groove runway; marking.
Bowie Bowie Municipal	01	270,000	Land; construct runway (3,600' x 60') and access taxiways; relocate utilities; install fencing; clearing.
Brownsville Brownsville International	07	87,300	Install taxiway lighting; construct box culvert in extended safety area to Runway 13R.
Coleman Coleman Municipal	01	200,000	Reconstruct, relocate, mark, and light Runway 15/33 (3,800' x 75'), including safety area grading; construct and mark taxiway; reconstruct portion of apron; install beacon, segmented circle and lighted wind cone.
Corpus Christi Corpus Christi International	06	1,237,500	Reconstruct and overlay air carrier ramp; reconstruct and expand access road; reconstruct portion of terminal loop road; construct turnaround for fuel farm; install security gates; construct terminal concourse security wall.
Dallas Dallas-Fort Worth Regional	16	139,232	Acquire snow removal equipment.

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Location and name of airport	Proj. no.	Federal funds	Description of work
T E X A S (Cont'd)			
Dallas Dallas-Fort Worth Regional	17	4,842,053	Construct, mark and light air-freight apron; construct, mark, sign, and light taxiway extension and stub taxiways; construct blast protection at terminal aprons and Taxiways F and G; channel excavation (north drainage channel); stabilize fence line embankments.
Denton Denton Municipal	05	289,650	Phase II of: Extend runway (from 4,150' x 150' to 5,000' x 150'), including glide slope grading; construct and mark taxiway extension; install runway lighting, lighted wind cone, and segmented circle; marking; relocate visual approach slope indicator (VASI-2) and convert to VASI-4.
El Paso El Paso International	05	1,406,939	Reconstruct portion of runway, taxiways, and terminal apron, including apron drainage improvements; improve safety areas; rehabilitate lighting circuits; marking.
Ennis Ennis Municipal	03	186,475	Construct aircraft parking apron (approx. 7,800 s.y.); construct and mark stub taxiway and apron connecting taxiway; fencing.
Fort Worth Meacham Field	03	300,000	Reconstruct portion of taxiway; construct access roads to new southeast hangar area, including area grading for drainage.
Gladewater Gladewater Municipal	02	265,000	Land; pave, mark, and light runway (3,300' x 75'), including drainage improvements; construct taxiway turnaround; construct and mark taxiway; install beacon, lighted wind cone, and segmented circle; clearing.
Gruver Gruver Municipal	01	402,050	Land; construct and mark runway (approx. 4,700' x 60'), connecting taxiway, and apron.
Harlingen Harlingen Industrial Airpark	10	799,833	Extend runway (1,200' x 100')and parallel taxiway; relocate approach light system and instrument landing system. (Multi-Year Project. Total Federal Commitment $1,484,833).

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Location and name of airport	Proj. no.	Federal funds	Description of work
T E X A S (Cont'd)			
Henderson Rusk County	01	176,566	Overlay runway (3,000' x 75'); expand aircraft parking apron; install runway lighting, lighted wind cone, segmented circle, and rotating beacon; marking.
Houston Houston Intercontinental	11	1,626,278	Construct vehicular U-ramp and curb lanes for Terminal C; construct backfill for portion of aircraft apron.
Houston William P. Hobby	06	225,000	Overlay runway with safety surface treatment.
Huntsville Huntsville Municipal	03	200,000	Extend runway (1,300' x 100'), including turnaround; install runway lighting on extension; marking.
Kerrville Kerrville Municipal	03	122,050	Install localizer and outer marker for Runway 12/30; relocate non-directional beacon.
Kountze Hardin County	01	300,000	Construct and mark runway (3,800' x 75), stub taxiway, and apron.
Kountze Hardin County	02	58,500	Install runway lighting, visual approach slope indicator (VASI-2), rotating beacon, segmented circle and lighted wind cone.
Lake Jackson Brazoria County	02	400,000	Construct stub taxiway and aircraft parking apron; install runway and taxiway lights; construct access road; approach clearing; marking.
Laredo Laredo International	02	291,801	Rehabilitate runway and taxiway lighting; install taxiway guidance signs, emergency standby generator, segmented circle, and fencing.
Longview Gregg County	06	70,200	Rehabilitate runway lighting system.
Longview Gregg County	07	131,650	Improve safety area for Runway 17; acquire snow removal equipment.
Lubbock Lubbock International	11	770,263	Complete extension (3,000' x 150') of Runway 17R/35L and associated parallel taxiway; overlay Taxiway A; runway and taxiway lighting and marking.

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Location and name of airport	Proj. no.	Federal funds	Description of work
TEXAS (Cont'd)			
Lubbock Lubbock International	12	400,000	Extend, light, and mark taxiway. (Multi-Year Project. Total Federal Commitment $1,053,536).
Lufkin Angelina County	02	225,000	Land; install localizer, outer marker, and non-directional beacon for Runway 7/25.
McAllen Miller International	05	269,500	Construct crash/fire/rescue equipment building, including related utilities and surface access.
McAllen Miller International	06	173,600	Extend and light taxiway; install runway lighting, including pilot remote control; install visual approach slope indicator (VASI-2); extend general aviation apron; fencing; marking.
McKinney McKinney Municipal	03	347,000	Phase II of: Land; pave runway (approx. 4,000' x 75'); construct lime-treated subgrade for stub taxiway and apron.
Midland Midland Airpark	01	55,000	Install runway lighting and segmented circle; light existing wind tee; marking.
Midland Midland Regional Air Terminal	10	764,012	Phase III consisting of: Complete strengthening and reconstruction of terminal apron.
Midland Midland Regional Air Terminal	12	10,000	Construct two pedestrian bridges; install four passenger loading bridges, baggage carrousel equipment, and passenger elevator; reconstruct and widen access road; remodel ticket lobby; construct concourse. (Multi-Year Project. Total Federal Commitment $1,172,771).
Plainview Hale County	01	786,482	Phase I of: Reconstruct Runway 4/22.
San Angelo Mathis Field	05	141,691	Renovate and expand passenger terminal building, including baggage handling equipment, public seating, and landscaping. (Multi-Year Project. Total Federal Commitment $283,382).
San Angelo Mathis Field	06	94,462	Phase I of: Construct access and service road.

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Location and name of airport	Proj. no.	Federal funds	Description of work
TEXAS (Cont'd)			
San Antonio San Antonio International	08	1,603,102	Reconstruct and mark portions of Taxiways N, D, and F, including incidental lighting adjustments; construct, mark, and light portion of Taxiway N; construct and light access road.
San Antonio Stinson Municipal	02	81,990	Install runway and taxiway lighting.
Sulphur Springs Sulphur Springs Municipal	01	250,000	Phase I of: Construct and light runway (approx. 3,900' x 75'), stub taxiway, and apron; install lighted wind cone and rotating beacon; marking.
Tyler Pounds Field	04	1,585,000	Overlay, extend, light, and mark runway (from 5,102' x 150' to 7,200' x 150'), including extended safety area grading; construct, mark, and light taxiway; relocate County Road; lower portion of Fish Trap Road, including water line; clear approach and transition surfaces; fencing.
Waco Waco-Madison Cooper	05	265,000	Overlay and mark runway (6,600' x 150') and taxiway.
Wichita Falls Sheppard AFB/Wichita Falls Municipal	04	19,077	Expand terminal building (approx. 800 sq. ft.), including incidental remodeling of a portion of the existing building.
Whichita Falls Sheppard AFB/Wichita Falls Municipal	05	624,500	Construct connecting taxiways; reconstruct access roads; expand baggage claim area and parking apron.
TRUST TERRITORY			
Moen Island Truk International	02	3,729,585	Perform site preparation; construct protective structure for Runway 4/22; provide dredge fill for runway pavement structure and safety areas; construct runway drainage culverts and ditches.
Peipeinimaru West Tinian	02	358,650	Construct and grade sections of runway safety areas for Runway 8/26; install supplemental wind cones and security and perimeter fencing.

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Location and name of airport	Proj. no.	Federal funds	Description of work
TRUST TERRITORY (Cont'd)			
Peipeinimaru West Tinian	03	140,785	Acquire crash/fire/rescue vehicle and two proximity suits.
Rota Island Rota International	02	140,784	Acquire crash/fire/rescue vehicle and two proximity suits.
UTAH			
Provo Provo Municipal	04	286,079	Overlay runway with bituminous leveling course and open graded plant-mixed surface course (approx. 7,100' x 150') mark; expand aircraft parking apron.
Richfield Richfield Municipal	01	349,102	Land; construct apron.
Salt Lake City Salt Lake City International	09	3,114,500	Extend terminal apron, including shoulder stabilization; install apron edge floodlighting and taxiway guidance signs, install security fence, security wall barrier, gates, Terminal Unit No. 2 security lighting, and apron floodlighting, Concourses A and B, Terminal Unit No. 1.
VERMONT			
Barre-Montpelier Edward F. Knapp State	05	506,416	Reconstruct, mark, and light runway (approx. 3,600' x 100'); expand aircraft parking apron; reconstruct stub taxiway; install obstruction lighting, including land.
Burlington Burlington International	08	742,500	Acquire snow removal equipment.
Montpelier Springfield State	04	270,000	Install runway lighting, including electrical vault; reconstruct aircraft parking apron; expand aircraft parking; construct stub taxiway; install lighted wind cone and segmented circle; relocate fuel facilities.
VIRGINIA			
Brookneal Brookneal-Campbell County	01	250,000	Land; site preparation, Phase I.
Charlottesville Charlottesville-Albemarle	05	49,500	Install security fencing and automatic doors for crash/fire/rescue building; acquire snow removal equipment.

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VIRGINIA (Cont'd)			
Charlottesville Charlottesville-Albemarle	06	939,195	Strengthen runway (6,000' x 150'); marking. (Multi-Year Project. Total Federal Commitment $1,187,142).
Chesapeake Chesapeake Municipal	04	104,253	Expand apron and construct apron.
Danville Danville Municipal	04	180,561	Land and relocation assistance; obstruction removal; construct addition to crash/fire/rescue equipment building; install security fencing, perimeter fencing, and security partition in terminal.
Lynchburg Lynchburg Municipal	05	715,500	Extend, mark and light taxiway; rehabilitate runway lighting; replace obstruction light tower; relocate runway visibility value unit.
Newport News Patrick Henry International	08	916,109	Relocate and reconstruct portion of taxiway, Phase I; site preparation for Phase II. (Multi-Year Project. Total Federal Commitment $1,593,875).
Norfolk Norfolk International	07	283,500	Acquire crash/fire/rescue vehicle; install runway lighting, obstruction lights, and towers.
Norfolk Norfolk International	08	205,667	Acquire snow removal equipment.
Norfolk Norfolk International	09	274,500	Install security fencing.
Roanoke Roanoke Municipal	08	535,590	Land; install perimeter fencing.
Staunton Shenandoah Valley	07	350,000	Overlay and groove runway (6,000' x 150'), Stage II; overlay stub taxiways; mark runway and taxiways; shoulder grading. (Multi-Year Project. Total Federal Commitment $500,000).
Tangier Tangier Island	04	281,183	Strengthen apron and taxiway; extend runway (550' x 75'); expand apron.
West Point West Point Municipal	01	200,000	Overlay and mark runway (3,700' x 75').

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VIRGIN ISLANDS			
St. Croix Alexander Hamilton	07	2,693,000	Strengthen, mark and groove runway (7,612' x 150'), including runway end blast pavement; strengthen and expand terminal apron, including apron edge lighting and floodlights. (Multi-Year Project. Total Federal Commitment $3,747,874).
St. Thomas Harry S. Truman	06	15,453,844	Site preparation and obstruction removal, Runway 10/28 (7,000' x 150'), including parallel taxiway and aprons. (Multi-Year Project. Total Federal Commitment $17,703,844).
St. Thomas Harry S. Truman	07	1,573,438	Construct seven replacement duplex housing units, including paved access road.
WASHINGTON			
Auburn Auburn Municipal	01	49,500	Land.
Bellingham Bellingham International	03	1,230,000	Land; construct, mark, and light taxiways; construct terminal apron, including lighting and safety fencing; construct, mark, and light access road; relocate FAA direction finder antenna and Weather Bureau instruments; remove obstructions; rehabilitate and expand aircraft parking apron; fencing.
Bremerton Kitsap County	06	561,600	Construct, light, and mark taxiway; remark the runway displacement and install runway threshold lights; construct airport service road; extend runway lighting.
Kelso Kelso-Longview	02	250,000	Land and relocation assistance; structure removal; construct and mark taxiway and partial airport entrance road.
Lopez Lopez Island	02	359,324	Construct runway, taxiways, and apron; relocate power line; obstruction removal; runway and taxiway marking.
Olympia Olympia	04	150,000	Install security fencing and radio control equipment for runway lighting; improve runway approach; construct and mark taxiway.

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Location and name of airport	Proj. no.	Federal funds	Description of work
WASHINGTON (Cont'd)			
Pasco Tri-Cities	06	1,115,243	Land and relocation assistance; obstruction removal; install safety fencing; extend, mark, and light taxiways; rehabilitate, mark and light taxiway; stabilize primary surface, Runway 3L/21R. (Multi-Year Project. Total Federal Commitment $1,950,227).
Port Angeles William R. Fairchild International	02	290,025	Construct aircraft parking apron with tiedowns, including removal of T-hangar and relocation of utilities and business; construct and mark taxiway; install beacon and tower, safety fencing and apron flood-lighting.
Seattle Boeing Field-King County International	09	450,000	Extend, mark, and light taxiway.
Seattle Seattle-Tacoma International	14	1,805,000	Construct crash/fire/rescue equipment building, including carport for security vehicles and mobile hospital; demolition of existing fire station; modify service road.
Seattle Seattle-Tacoma International	15	979,988	Land and relocation assistance; functional replacement of Bow Lake Reservoir. (Multi-Year Project. Total Federal Commitment $1,881,805).
Spokane Felts Field	04	59,010	Install taxiway lighting.
Spokane Spokane International	11	1,336,187	Expand and improve terminal building; remove runway obstructions; improve runway shoulders; strengthen and mark taxiway; improve taxiway safety area; construct, mark, and light taxiway; expand terminal apron; expand, light, and mark terminal access road; rehabilitate and mark fuel farm road. (Multi-Year Project. Total Federal Commitment $4,117,899).
Wenatchee Pangborn	05	500,000	Acquire snow removal equipment; construct and mark taxiway; reconstruct and mark taxiway and portion of runway, including revision of threshold lights; expand general aviation apron.

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Location and name of airport	Proj. no.	Federal funds	Description of work
WASHINGTON (Cont'd)			
Yakima Yakima Air Terminal	05	1,724,719	Land; extend, light and mark runway (from approx. 6,600' to 7,600') and taxiway; strengthen and mark taxiway; strengthen portion of terminal apron; relocate visual approach slope indicator (VASI-4), glide slope, Runway 9/27, including weather instruments; grade extended runway safety area; relocate and mark taxiway; fencing. (Multi-Year Project. Total Federal Commitment $2,422,447).
WEST VIRGINIA			
Beckley Raleigh County Memorial	05	163,162	Expand general aviation apron; construct taxiways; street lighting for entrance road. (Multi-Year Project. Total Federal Commitment $290,329).
Charleston Kanawha	08	759,600	Overlay and strengthen taxiway; extend taxiway; reconstruct portion of taxiway.
Elkins Elkins-Randolph County	02	375,045	Land; remove obstructions; mark displaced threshold, Runway 31; install runway and taxiway lighting and obstruction lighting; acquire snow removal equipment.
Huntington Tri-State	06	250,000	Renovate and expand terminal building; construct access road to new general aviation area. (Multi-Year Project. Total Federal Commitment $793,019).
Lewisburg Greenbrier Valley	04	89,293	Construct crash/fire/rescue - snow removal equipment building; acquire snow removal equipment.
Lewisburg Greenbrier Valley	05	3,285,578	Phase I: Site preparation for runway extension (1,000' x 150') and taxiway extension; relocate medium-iatensity approach lighting system with runway alignment indicator lights. (Multi-Year Project. Total Federal Commitment $3,435,578).
Logan Logan County	02	150,000	Site preparation for stub taxiway and apron.

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WEST VIRGINIA (Cont'd)			
Martinsburg Eastern W. V. Regional	03	30,150	Land; install perimeter fencing and gates.
Morgantown Morgantown Municipal	05	1,134,540	Reconstruct portion of taxiway; relocate crash/fire/rescue equipment building; expand general aviation apron and terminal apron.
Parkersburg Wood County	05	281,169	Expand terminal apron; construct taxiway; strengthen taxiway; expand general aviation apron; install security fence around fuel farm.
Wheeling Wheeling-Ohio County	02	361,575	Overlay and mark runway (4,500' x 150').
WISCONSIN			
Antigo Langlade County	01	405,590	Land; extend runway (from 3,000' x 75' to 4,000' x 75') with turnaround; reconstruct apron with tiedowns; bury power line; obstruction removal; construct electrical transclosure; runway and taxiway lighting and marking; install lighted wind cone and wind tee, radio control of lighting, and runway end identifier lights.
Eau Claire Eau Claire Municipal	03	222,372	Expand general aviation apron, including tiedowns; construct snow removal equipment building, including apron and access roads; install runway lighting; acquire snow removal equipment. (Multi-Year Project. Total Federal Commitment $466,526).
Green Bay Austin Straubel Field	07	350,763	Land; overlay light and mark runway (3,200' x 75'); pave and mark shoulders on runway; acquire crash/fire/rescue vehicle, four proximity suits, and snow removal equipment. (Multi-Year Project. Total Federal Commitment $850,524).
Janesville Rock County	05	116,217	Acquire crash/fire/rescue vehicle and snow removal equipment; install fire alarm siren. (Multi-Year Project. Total Federal Commitment $188,193).
LaCrosse LaCrosse Municipal	05	1,500,000	Overlay and mark runway (8,536' x 150') and intersecting transitional pavements.

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WISCONSIN (Cont'd)			
Madison Dane County Regional-Truax Field	07	1,356,522	Reconstruct and expand general aviation apron; overlay portion of taxiway, marking; tiedowns; drainage; apron and taxiway lighting; install security fencing and gates.
Manitowoc Manitowoc Municipal	03	595,800	Reconstruct and mark runway (5,000' x 100'), including intersecting transitional pavements.
Milwaukee General Mitchell Field	09	1,319,501	Overlay, reconstruct and mark portion of runway (approx. 1,000' x 150') and associated taxiways; construct and mark new paved shoulders; revise associated runway and taxiway lighting systems; drainage; modify Category II runway power and controls; rehabilitate and replace security fencing; install two gates. (Multi-Year Project. Total Federal Commitment $2,282,000).
Milwaukee Lawrence J. Timmerman	02	250,000	Overlay and mark taxiways; construct and light holding apron; remove and/or mark and light obstructions.
Mosinee Central Wisconsin	05	180,000	Reconstruct portions of runways (approx. 1,170 s.y.); install subdrain system.
New Richmond New Richmond Municipal	01	166,840	Overlay runway (3,000' x 75') and turnaround, apron, and taxiway; mark runway and taxiway; install runway and taxiway lighting and lighted wind tee; light existing wind cone; construct electrical vault.
Rhinelander Rhinelander-Oneida County	04	898,166	Acquire snow removal equipment; construct crash/fire/rescue - snow removal equipment building; construct taxiways, terminal apron, entrance road, and service roads; construct electrical vault and equipment; construct blast pad, Runway 9; install taxiway apron and road lighting and marking; install security and safety fencing; obstruction removal; marking. (Multi-Year Project. Total Federal Commitment $1,190,000).

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WISCONSIN (Cont'd)			
West Bend West Bend Municipal	01	634,128	Land; reconstruct portions of runway and taxiway; install subdrain system; marking; install runway lighting, visual approach slope indicators (VASI-4), lighted wind cone, wind tee, radio controls, remote control panels, and electrical vault; obstruction removal; obstruction lighting; remove tetrahedron and thresholds, Runways 13 and 31; marking.
Wisconsin Rapids Alexander Field-South Wood County	01	90,000	Install runway lighting and runway end identifier lights; obstruction removal.
WYOMING			
Big Piney Big Piney Municipal	02	84,853	Remove existing and install runway lighting, including visual approach slope indicators (VASI-2); install segmented circle and rewire existing lighted wind cone; relocate beacon; construct electrical vault.
Casper Natrona County International	06	559,012	Install security fencing; construct gatehouse and install closed circuit television; construct (approx. 176,667 s.y.) bituminous porous friction course on Runway 3/21, including marking; reconstruct air carrier apron; construct terminal access road; overlay aircraft parking apron; construct addition to terminal building. (Multi-Year Project. Total Federal Commitment $1,630,680).
Cheyenne Cheyenne Municipal	03	150,000	Acquire snow removal equipment.
Cody Cody Municipal	04	130,908	Land; expand apron and taxiway facilities, including tiedowns; install tiedowns on existing apron. (Multi-Year Project. Total Federal Commitment $280,908).
Gillette Gillette-Campbell County	03	291,598	Construct and mark taxiway.
Jackson Hole Jackson Hole	02	260,973	Construct addition to terminal building, including covered walkways; install security fencing.

APPENDIX E

AIRPORTS GRANT-IN-AID PROGAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1978

Location and name of airport	Proj. no.	Federal funds	Description of work
WYOMING (Cont'd)			
Laramie General Brees Field	03	71,946	Install visual approach slope indicators (VASI-4) and runway end identifier lights.
Powell Powell Municipal	02	126,000	Expand terminal apron; construct aircraft tiedowns; construct aircraft tiedowns on existing apron; construct and mark hangar access taxiway.
Riverton Riverton Regional	05	550,640	Install security floodlights and extend security fencing; strengthen and expand apron.
Rock Springs Rock Springs-Sweetwater County	04	173,151	Relocate Instrument Landing System/Approach Light System from Runway 7/25 to Runway 9/27.
Rock Springs Rock Springs Sweetwater County	06	2,500,000	Site preparation (second stage) of Runway 9/27 (approx. 3,000' x 150'); pave, light, and mark runway (approx. 10,000' x 150'), including incidental grading; construct, light, and mark terminal apron and taxiways; relocate weather bureau equipment; reconstruct general aviation apron; install security fence and gates. (Multi-Year Project. Total Federal Commitment $2,800,000).
Saratoga Shively Field	02	474,840	Overlay and mark runway (approx. 8,400' x 75'), taxiway, and apron; construct and mark new apron; fencing.
Worland Worland Municipal	04	360,000	Construct and mark friction wearing surface on runway (approx. 7,000' x 100'); construct and mark taxiway to hangar area; grade for drainage for Runway 34; install security fence.

APPENDIX F

PROJECTS IN STATE DEMONSTRATION PROGRAM - FISCAL YEAR 1978

Location/Airport	Federal Funds	Description of Work
ARIZONA		
Prescott Prescott Municipal	$423,445	Rehabilitate south end of Runway 3/21 and west end of Runway 11/29.
Bisbee Bisbee	322,483	Construct 5900' x 60' runway, connecting taxiway, parking apron, and drainage facilities.
Sedona Sedona	223,110	Level and resurface Runway 3/21.
Williams Williams	150,000	New parking apron.
MICHIGAN		
Ontonagon Ontonagon County	198,898	Overlay runway, taxiways, and apron; apron and taxiway expansion; clearing.
Gaylord Otsego County	203,500	Construct and mark parallel taxiway and crossover taxiway.
Grand Ledge Abrams Municipal	462,500	Land; construct and light east/west runway; install rotating beacon, lighted wind cone, and segmented circle.
Lakeview Lakeview Municipal	72,000	Overlay Runway 9/27, taxiway, and apron.
Marlette Marlette Township	300,000	Land; overlay runway, taxiway, apron, entrance road, and apron access drive; install runway lighting with visual approach slope indicator and runway end identifier lights; install beacon and light existing wind cone.

PENNSYLVANIA

Lock Haven William T. Piper Memorial	$ 63,468	Install lighting system on Runway 9/27; install rotating beacon and runway end identifier lighting system on Runway 27.
Mt. Pocono Pocono Mountains Municipal	118,800	Land acquisition; rehabilitate lighting system for Runway 5/23; install visual approach slope indicator system (VASI-2) for Runway 5/23.
St. Mary's St. Mary's Municipal	346,140	Clear zone easement acquisition; extend Runway 10/28 from 3700' x 75' to 4300' x 75' and install runway lights on extension; relocate runway end identifier lights and threshold lights on Runway 28; relocate access road; install visual approach slope indicator system (VASI-4) for Runway 28, runway edge drains, and runway marking.
Lehighton Carbon County	151,200	Land and easement acquisition; install non-directional beacon, runway marking and perimeter fence.

SOUTH DAKOTA

Bison Bison Municipal	276,750	Land and easement acquisition; construct 3500' runway, apron, connecting taxiway, access road, hangar area, stub taxiway, and turnarounds; install wind cone; fencing; marking; seeding and fertilizing; and tie downs.
Hot Springs Hot Springs Municipal	76,500	Install radio-controlled runway lighting system with visual approach slope indicators (VASI-2); install lighted wind cone with segmented circle; renovate vault controls and wiring; install taxiway exit lights and new wiring to beacon.
Martin Martin Municipal	341,489	Land and easement acquisition; construct 3700' runway, apron, connecting taxiway, access road, hangar area, stub taxiway, and turnarounds; install wind cone; fencing; marking; seeding and fertilizing; and tie downs.

APPENDIX G

AIRPORT DEVELOPMENT AID PROGRAM-AIR CARRIER — RIS AP 5100-29

STATUS AS OF 30 SEPTEMBER 1978

STATE OR TERR	*--TOTAL 1971-DATE--* TOT. ARPT	TOTAL PROJ	TOTAL FEDERAL FUNDS	*-----UNOBLIGATED PROJECTS------* THRU CURRENT FY NO. PROJ	FEDERAL FUNDS	ADVANCED NO. PROJ	FEDERAL FUNDS	*----------STATUS OF GRANT AGREEMENTS----------* PROJECTS NOT STARTED NO. PROJ	FEDERAL FUNDS	PROJECTS UNDERWAY NO. PROJ	FEDERAL FUNDS	PROJECTS COMPLETED NO. PROJ	FEDERAL FUNDS	*--FINANCIALLY-- COMPLETED NO. PROJ	FEDERAL FUNDS
ALA	11	54	34,529,650	--	--	--	2,710,519	8	7,413,581	9	14,031,182	5	1,996,934	32	8,377,434
AL	55	110	152,736,556	--	--	--	19,526,952	19	10,259,953	26	56,481,946	15	21,348,551	50	45,119,154
ARIZ	13	49	44,413,705	--	--	--	483,864	9	16,607,752	4	5,094,844	5	3,263,690	31	18,963,555
ARK	10	59	18,929,057	--	--	4	776,613	7	1,382,348	16	6,700,730	5	4,321,715	27	5,747,651
CAL	47	203	190,807,386	--	--	--	14,018,049	43	67,437,040	36	69,830,214	25	13,539,061	99	25,983,022
COLO	15	59	76,657,880	--	--	--	8,727,810	10	8,408,770	14	39,672,008	5	6,854,365	30	12,994,927
CONN	5	26	12,077,083	--	--	1	150,000	2	2,950,820	5	1,600,625	8	5,830,859	10	1,544,779
DEL	1	7	2,488,479	--	--	--	--	--	--	--	--	--	--	7	2,488,479
FLA	29	127	121,201,382	--	--	1	11,086,292	13	21,408,191	18	29,379,429	37	39,605,247	58	19,722,223
GA	12	54	108,990,712	--	--	--	16,058,849	6	3,097,815	18	43,858,482	8	28,243,767	22	17,731,799
HWI	8	37	78,183,378	--	--	--	1,951,813	8	14,466,807	3	17,617,937	8	20,493,702	18	23,653,119
IDA	9	41	16,223,583	--	--	--	574,239	3	2,426,295	8	3,343,340	3	1,759,264	27	8,120,445
ILL	26	92	104,076,138	--	--	--	692,733	13	12,253,408	29	52,503,897	16	25,558,536	34	13,067,564
IND	13	43	46,527,325	--	--	--	1,836,175	7	4,249,326	20	29,290,965	4	4,205,174	12	6,945,685
IOWA	12	41	25,306,631	--	--	--	129,407	10	2,671,848	7	10,512,077	5	6,325,227	19	5,668,072
KANS	16	46	26,843,751	--	--	--	2,498,232	8	5,103,618	13	12,285,196	1	306,225	24	6,650,480
KY	7	53	35,145,991	--	--	--	3,534,284	4	2,702,920	15	15,759,908	7	5,690,933	27	7,457,946
LA	10	69	64,705,304	--	--	2	3,617,496	10	4,678,688	23	34,227,159	7	5,077,632	27	17,104,329
ME	8	48	12,768,030	--	--	--	501,192	7	2,635,144	9	4,117,975	6	1,483,650	26	4,030,069
MD	4	20	20,428,964	--	--	1	1,074,277	2	882,625	4	8,682,036	2	5,867,536	11	3,922,490
MASS	10	59	28,159,394	--	--	--	760,918	4	779,422	9	6,394,102	10	10,874,656	36	9,350,296
MICH	24	88	86,670,722	--	--	--	2,223,076	14	12,613,580	33	48,904,988	8	3,320,311	33	19,608,767
MINN	15	55	32,341,714	--	--	--	602,919	10	5,321,458	11	12,894,289	5	4,275,810	29	9,247,238
MISS	12	52	27,434,365	--	--	--	2,936,759	6	3,303,068	12	6,131,067	10	10,195,230	24	4,868,241
MO	9	52	29,759,388	--	--	--	4,161,209	12	9,865,282	8	6,577,170	3	402,646	29	8,753,081
MONT	15	71	30,872,948	--	--	--	2,095,924	2	675,900	18	11,250,081	15	11,308,736	36	5,542,307
NEB	14	70	33,764,960	--	--	--	2,496,051	12	6,212,035	11	6,977,284	6	7,342,051	41	10,737,539
NEV	4	22	31,884,445	--	--	--	301,614	5	10,706,146	2	4,073,122	3	10,373,466	12	6,430,097
NH	4	20	4,581,266	--	--	--	240,972	3	258,112	7	3,314,360	--	--	10	767,822
NJ	5	45	43,144,311	--	--	--	--	11	8,586,142	4	6,616,381	11	17,643,202	19	10,298,586
NMEX	10	64	15,953,993	--	--	5	1,476,736	5	1,030,854	9	5,200,681	4	699,301	41	7,546,421
NY	23	147	112,272,461	--	--	1	2,494,750	30	32,566,378	27	28,744,013	19	21,512,901	70	26,954,419
NC	13	61	52,038,910	--	--	--	2,100,228	8	10,716,007	19	15,454,661	20	20,381,437	14	3,386,577
NDKT	7	39	21,595,493	--	--	--	2,693,277	4	1,727,202	15	10,898,764	4	1,287,763	16	4,988,487
OHIO	13	49	49,837,648	--	--	--	429,245	8	11,674,346	17	25,770,286	4	2,870,967	20	9,092,804
OKLA	13	72	42,851,623	--	--	5	3,520,353	8	8,660,624	10	5,256,541	10	6,070,445	39	19,343,660
OREG	11	50	42,657,064	--	--	--	--	1	713,295	18	15,196,855	5	12,593,353	26	14,153,561

APPENDIX G

AIRPORT DEVELOPMENT AID PROGRAM-AIR CARRIER — RIS AP 5100-29

STATUS AS OF 30 SEPTEMBER 1978

STATE OR TERR	*--TOTAL 1971-DATE--* TOT. ARPT	TOTAL PROJ	TOTAL FEDERAL FUNDS	*-----UNOBLIGATED PROJECTS------* THRU CURRENT FY NO. PROJ	FEDERAL FUNDS	ADVANCED NO. PROJ	FEDERAL FUNDS	*----------STATUS OF GRANT AGREEMENTS----------* PROJECTS NOT STARTED NO. PROJ	FEDERAL FUNDS	PROJECTS UNDERWAY NO. PROJ	FEDERAL FUNDS	PROJECTS COMPLETED NO. PROJ	FEDERAL FUNDS	*--FINANCIALLY COMPLETED NO. PROJ	FEDERAL FUNDS
PA	22	111	96,994,742	--	--	3	2,001,693	13	6,077,126	26	32,710,009	17	18,606,836	52	37,599,078
RI	2	5	4,953,173	--	--	--	--	2	585,000	1	1,693,851	2	2,674,322	--	--
SC	8	23	20,580,619	--	--	--	3,589,315	2	2,549,271	10	7,742,295	5	2,702,219	6	3,997,519
SDKT	9	60	22,313,254	--	--	--	1,079,276	7	3,052,879	12	9,187,075	11	982,312	30	8,011,712
TENN	11	63	52,057,272	--	--	--	2,984,755	7	6,684,338	13	15,701,150	6	4,452,309	37	22,234,720
TEX	32	185	186,807,286	--	--	8	11,900,865	16	18,015,805	45	33,082,669	28	22,370,317	88	101,437,630
UTAH	5	21	29,052,976	--	--	--	--	2	2,424,726	9	21,047,215	2	2,507,077	8	3,073,958
VT	4	18	3,672,102	--	--	--	--	2	1,026,000	4	1,346,116	1	151,200	11	1,148,786
VA	12	61	31,796,099	--	--	--	1,075,713	9	4,100,122	17	12,045,313	3	1,320,680	32	13,254,271
WASH	15	66	52,833,683	--	--	--	5,216,241	4	4,330,919	22	27,620,382	1	318,472	39	15,347,669
WVA	9	44	29,188,193	--	--	--	820,186	8	7,016,104	11	9,454,941	1	437,485	24	11,459,477
WIS	14	57	47,398,937	--	--	--	2,070,224	7	2,874,653	17	18,454,478	5	5,674,020	28	18,325,562
WYO	10	37	21,607,805	--	--	--	1,521,668	10	4,686,022	12	10,458,866	1	668,752	14	4,272,497
AS	1	6	5,673,344	--	--	--	--	1	109,339	2	4,633,277	1	234,000	2	696,728
GUAM	1	7	8,028,168	--	--	--	--	2	2,204,485	1	3,173,590	--	--	4	2,650,093
PR	2	12	9,384,833	--	--	--	--	2	1,572,362	--	--	7	6,451,424	3	1,361,047
TT	5	13	11,977,528	--	--	--	--	--	--	7	8,251,032	4	3,231,984	2	494,512
VGIS	2	14	29,270,548	--	--	--	3,304,874	3	19,720,282	3	3,295,817	5	2,609,880	3	339,695
TOTALS	677	3057	2,542,452,252	--	--	31	154,047,637	429	403,476,233	719	894,542,671	409	418,317,632	1469	672,068,079

APPENDIX H

AIRPORT DEVELOPMENT AID PROGRAM-GENERAL AVIATION — RIS AP 5100-28

STATUS AS OF 30 SEPTEMBER 1978

STATE OR TERR	TOT. ARPT	TOTAL PROJ	TOTAL FEDERAL FUNDS	UNOBLIGATED PROJECTS THRU CURRENT FY NO. PROJ	UNOBLIGATED PROJECTS THRU CURRENT FY FEDERAL FUNDS	UNOBLIGATED PROJECTS ADVANCED NO. PROJ	UNOBLIGATED PROJECTS ADVANCED FEDERAL FUNDS	STATUS OF GRANT AGREEMENTS: PROJECTS NOT STARTED NO. PROJ	PROJECTS NOT STARTED FEDERAL FUNDS	PROJECTS UNDERWAY NO. PROJ	PROJECTS UNDERWAY FEDERAL FUNDS	PROJECTS COMPLETED NO. PROJ	PROJECTS COMPLETED FEDERAL FUNDS	FINANCIALLY COMPLETED NO. PROJ	FINANCIALLY COMPLETED FEDERAL FUNDS
ALA	16	24	5,689,798	--	--	1	178,421	1	31,100	15	3,212,488	2	1,284,190	5	983,599
AL	11	23	17,348,191	--	--	--	--	1	902,551	11	11,651,939	1	407,183	10	4,386,518
ARIZ	17	20	6,592,423	--	--	--	--	2	2,260,052	2	945,990	3	608,061	13	2,778,320
ARK	22	34	5,476,510	--	--	3	126,446	5	428,830	3	440,476	7	2,307,512	16	2,173,226
CAL	61	104	26,031,178	--	--	--	--	27	7,585,188	23	8,385,273	11	4,008,838	43	6,051,879
COLO	15	23	8,441,616	--	--	--	--	8	2,974,108	6	1,976,544	3	2,862,606	6	628,358
CONN	2	11	2,428,328	--	--	--	--	1	499,500	2	811,570	2	134,275	6	982,983
DEL	1	4	952,705	--	--	--	--	1	665,370	1	90,000	--	--	2	197,335
FLA	31	49	10,330,358	--	--	--	--	11	1,438,268	10	2,841,485	12	4,246,746	16	1,803,859
GA	33	40	9,005,687	--	--	--	--	7	2,014,893	6	1,396,547	12	4,054,269	15	1,539,978
HWI	1	1	288,750	--	--	--	--	--	--	--	--	1	288,750	--	--
IDA	16	23	4,245,219	--	--	--	--	1	335,200	8	1,703,972	2	496,982	12	1,709,065
ILL	34	47	12,602,087	--	--	--	--	4	1,196,400	11	4,113,923	8	2,738,164	24	4,553,600
IND	20	25	13,721,419	--	--	--	--	--	--	14	10,168,356	2	675,200	9	2,877,863
IOWA	18	24	4,616,533	--	--	--	--	4	839,545	6	1,050,770	2	267,207	12	2,459,011
KANS	22	25	5,879,444	--	--	--	--	4	1,563,407	3	1,464,538	4	1,224,683	14	1,626,816
KY	15	20	5,464,281	--	--	--	--	5	1,435,007	4	1,770,053	2	431,900	9	1,827,321
LA	13	20	4,952,254	--	--	3	515,000	3	473,300	9	2,291,299	2	767,000	3	905,655
ME	19	28	2,460,653	--	--	--	--	5	373,545	6	571,940	5	819,734	12	695,434
MD	7	9	4,242,897	--	--	--	--	3	887,625	3	2,519,468	--	--	3	835,804
MASS	18	48	5,971,342	--	--	--	--	6	1,462,094	4	970,650	6	712,814	32	2,825,784
MICH	22	26	10,804,562	--	--	--	--	2	2,118,439	10	5,820,078	6	1,803,984	8	1,062,061
MINN	29	31	7,691,631	--	--	--	--	1	485,329	11	4,477,323	3	561,776	16	2,167,203
MISS	37	52	7,223,039	--	--	1	106,400	2	118,827	7	1,203,681	5	631,358	37	5,162,773
MO	25	30	8,042,328	--	--	--	--	4	1,426,653	6	3,024,106	1	199,604	19	3,391,965
MONT	18	19	4,206,107	--	--	--	--	2	473,060	8	2,458,351	1	413,192	8	861,504
NEB	28	37	6,983,950	--	--	--	--	3	866,920	4	1,099,400	9	2,073,506	21	2,944,124
NEV	6	12	2,495,588	--	--	--	--	3	683,359	3	496,678	3	706,517	3	609,034
NH	6	10	1,262,068	--	--	--	--	2	73,800	2	434,000	2	317,700	4	436,568
NJ	8	19	9,626,846	--	--	--	--	6	1,776,046	6	749,640	--	--	7	7,101,160
NMEX	18	30	6,151,446	--	--	4	842,219	2	1,587,467	3	925,955	1	104,457	20	2,691,348
NY	25	50	13,496,312	--	--	--	--	16	4,692,371	15	5,203,580	5	1,443,307	14	2,157,054
NC	25	41	9,878,133	--	--	--	--	4	304,135	14	5,971,243	10	1,940,214	13	1,662,541
NDKT	17	20	4,104,266	--	--	--	--	3	1,123,020	2	686,182	6	1,124,706	9	1,170,358
OHIO	16	29	9,381,875	--	--	--	--	9	4,000,257	9	2,856,750	1	86,638	10	2,438,230
OKLA	50	65	7,532,117	--	--	5	521,451	4	834,710	10	1,877,777	7	892,894	39	3,405,285
OREG	20	29	5,330,986	--	--	--	--	2	501,876	9	2,037,979	1	58,000	17	2,733,131

APPENDIX H

AIRPORT DEVELOPMENT AID PROGRAM-GENERAL AVIATION

RIS AP 5100-28

STATUS AS OF 30 SEPTEMBER 1978

STATE OR TERR	*--TOTAL 1971-DATE--* TOT. ARPT	TOTAL PROJ	TOTAL FEDERAL FUNDS	*-----UNOBLIGATED PROJECTS------* THRU CURRENT FY NO. PROJ	FEDERAL FUNDS	ADVANCED NO. PROJ	FEDERAL FUNDS	*----------STATUS OF GRANT AGREEMENTS----------* PROJECTS NOT STARTED NO. PROJ	FEDERAL FUNDS	PROJECTS UNDERWAY NO. PROJ	FEDERAL FUNDS	PROJECTS COMPLETED NO. PROJ	FEDERAL FUNDS	*--FINANCIALLY--* COMPLETED NO. PROJ	FEDERAL FUNDS
PA	21	25	9,304,887	--	--	--	--	2	4,069,245	5	1,767,668	1	119,970	17	3,347,984
SC	15	17	4,530,533	--	--	--	--	1	25,200	7	1,940,415	--	--	9	2,564,918
SDKT	13	15	4,081,620	--	--	--	--	2	1,366,700	--	--	2	1,146,296	11	1,568,624
TENN	18	21	5,877,090	--	--	--	--	1	230,785	5	1,693,251	4	1,448,013	11	2,505,041
TEX	78	121	31,767,231	--	--	13	2,629,924	7	1,099,128	35	15,202,172	11	1,800,763	55	11,035,244
UTAH	16	22	4,473,909	--	--	--	--	4	1,547,332	7	1,520,800	2	139,591	9	1,266,186
VT	5	10	759,484	--	--	--	--	2	297,000	2	200,340	1	15,300	5	246,840
VA	18	28	7,193,996	--	--	--	--	9	1,564,061	10	3,797,997	4	732,776	5	1,099,162
WASH	24	42	7,778,944	--	--	--	--	2	418,334	12	4,034,591	1	79,200	27	3,246,819
WVA	10	18	5,100,316	--	--	--	--	4	1,291,725	--	--	2	2,335,957	12	1,472,634
WIS	28	36	6,942,820	--	--	--	--	4	1,456,558	5	1,840,059	6	977,861	21	2,668,342
WYO	12	20	3,109,972	--	--	--	--	3	662,923	3	938,884	2	254,428	12	1,253,737
PR	2	2	691,208	--	--	--	--	1	600,000	--	--	--	--	1	91,208
TOTALS	1002	1479	362,564,937	--	--	30	4,919,861	206	63,061,243	357	130,636,201	184	49,744,142	702	114,203,490

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
Washington, D.C. 20591

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