

**SUPPORTING STATEMENT
FAA AIRPORT MASTER RECORD
OMB# 2120-0015**

JUSTIFICATION

1. Explanation of Need for Information.

49 USC 329(b) empowers and directs the Secretary of Transportation to collect and disseminate information on civil aeronautics. In addition, Section 47310 of the U.S. Code Title 49, Sub VII, Part B, Chapter 471 mandates the collection of airport safety data. Aeronautical information is required by the FAA in order to carry out agency missions such as those related to aviation flying safety, flight planning, airport engineering and federal grants analysis, aeronautical and flight information publications, and the promotion of air commerce as required by statute.

The safety information collected includes, but is not limited to, the following: airport name, associated city, airport owner and airport manager, airport latitude, longitude, elevation, runway description, services available, runway approach light systems, communications frequency, airport use, number of operations and based aircraft, obstruction data, and pertinent general remarks.

In addition to the FAA's requirements, the information is used extensively by other segments of the civil and military aeronautical communities, since it is the agency's central source for the collection of airport safety data used in aeronautical and flight information publications. Other users of the data are private industry (Jeppesen, ForeFlight, aircraft owners and pilots associations, etc.), state agencies (state airport directories, aeronautical publications, and system planning), and other government agencies (National Oceanic & Atmospheric Administration, National Geospatial-Intelligence Agency).

Within the FAA, the collection and dissemination of this information is known as the Airport Data and Information Program. The collection of program information will be accomplished utilizing an interactive web form located within the Airports GIS application (<https://airports-gis.faa.gov/public/>). In addition, and as supplemental to the interactive web form, FAA forms 5010-1, 5010-2, 5010-3, and 5010-5 may still be used to complete program objectives. Since implementation in 1958, the Airport Data and Information Program has provided for:

(a) Accurate record and depiction of conditions at civil airports, heliports, gliderports, balloonports, seaplane bases, and ultralight flightparks.

(b) A comprehensive agency aeronautical repository designed to eliminate redundant collection and dissemination processes.

(c) Timely and accurate aeronautical information which is essential to the safety of the flying public.

(d) Promotion and encouragement of safe operating conditions at airports through contact with airport management and follow-up coordination.

(e) Ensuring that data are collected and published with a degree of consistency and frequency with the exercise of FAA responsibilities.

(f) Efficient means for producing both recurring and one-time reports derived from the data collected and needed for agency management direction, including airport improvement program planning, the issuance of federal grant funds, forecasting, budgetary, and statistical analyses.

The Airport Data and Information Program employs methods of information collection such as: physical inspection, airport reporting and mail solicitation. The physical inspections are conducted by FAA, State, and contract inspectors. Airport reporting is accomplished by the airport sponsor or manager. Mail solicitation is the process whereby the owners of private use airports are mailed an FAA Form 5010-2 and are asked to review the data on their airport, verify the data or make any relevant changes to the data, submit revision using the interactive web form within Airports GIS or sign the Form and mail it back to the FAA.

Civil airports are divided into two categories: those open to the public and those not open to the public. Currently there are approximately 19,800 airports in the Airport Data and Information Program. Approximately 5,200 airports are open to the public and about 14,600 are closed to the public. The 5,200 airports that are open to the public can be further broken down into approximately 540 Part 139 airports and approximately 4,660 non-Part 139 airports. In addition we estimate that about 500 new airports are added to the FAA records each year, while at the same time the same approximate number are reported abandoned or deactivated. The information collected in this program is safety critical and directly supports the DOT strategy of enhancing the safety for pilots in flight and also enhancing the safe maintenance of airports. The program therefore reduces dollar loss by preventing aviation incidents in the air and on the ground.

This collection of aeronautical information supports the DOT strategic goal on safety.

2. Use of Information.

The Airports GIS system is utilized to collect and update all airport information required by the Airport Data and Information Program. This information is transferred and stored in the FAA's Airport Authoritative Source, which is the designated repository for all authoritative data and information provided by the users of the Airports GIS system. FAA Forms 5010-1 and 5010-2, Airport Master Record, may be used to collect and update information on existing airports. The forms are computer-generated, pre-populated reports of existing conditions downloaded from Air Traffic's NASR database and may be used as planning documents. The FAA Form 5010-1 may be used as a reference to update information as a result of a physical inspection of a public-use

airport. Most of the information recorded on the form is collected by state inspectors, regional airports personnel and AAS-100 either through physical inspection or through mail solicitation to the airport management. Data not collected by Airports personnel are collected by other components of the agency. FAA Form 5010-2 is an abbreviated version of FAA Form 5010-1 and is used to accomplish the mail solicitation portion of the Airport Data and Information Program for all airports not open to the public. The information on both forms is computer printed depicting the last reported data concerning the airport. Forms 5010-2 is designed for use as a mail-out in a window envelope and is a self-contained return mail form. The mail respondent needs only to review the data on the report, make changes where appropriate, sign and date the form, upload and submit revision using the interactive web form within Airports GIS or return it to the FAA. The goal of the Airport Data and Information Program is to obtain a yearly update of all airports on record with the FAA either through physical inspection, self-reporting by airport management or mail solicitation.

Regardless of the method used to collect the data, the resulting information is fed into an authoritative source and disseminated to the flying public. A new Form 5010-1, Airport Master Record, becomes available as a download and is the most up-to-date record for that airport until such time as new information is received.

FAA Form 5010-3 is identical to FAA Form 5010-1, except that it is buff in color and contains no information other than data element titles. This form may be used when an airport is not on record with the FAA and it is inspected for the first time by FAA, State or contractor inspectors.

FAA Form 5010-5 is identical to FAA Form 5010-2, except that it is buff in color and contains no information other than element titles. It is mailed to airport sponsors to obtain the initial safety information on all new airports that are not open to the public and to a new open to the public airport when it is not feasible to make a physical inspection.

If this data were not collected, U.S. government aeronautical and flight information publications such as sectional aeronautical charts, Airport/Facility Directories, and other flight information manuals could not be produced or maintained.

The data is public in nature and is the agency's source for the information used in aeronautical and flight information publications. It is used by various entities of the civil and military aeronautical communities. Other users of the data include private industry (Jeppesen, ForeFlight, aircraft owners and pilots associations, etc.), state agencies (state airport directories, aeronautical publications, and system planning), and other government agencies (National Oceanic & Atmospheric Administration, National Geospatial-Intelligence Agency).

3. Use of improved technology.

In compliance with the Government Paperwork Elimination Act (GPEA), the Airport Data and Information Program employs the use of an interactive web form and software

for the collection of data on public use airports. The interactive web form is available for the electronic submission of responses, and this direct data entry speeds up the process of obtaining and processing aeronautical information. The data is ultimately stored in an FAA database and FAA Form 5010-1 was developed by private industry as a computer generated form. This portion of the data collection process is 100% compliant with GPEA requirements. This retrieval capability provides quicker access to data electronically for FAA and State inspectors prior to, during, and after performing an inspection at an airport open to the public.

Data collected on airports not open to the public may also be accomplished utilizing the web form, however in most cases through a mail solicitation program using FAA Form 5010-2. FAA Form 5010-2 is available electronically, and automating the collection of airport data using the mail solicitation program began in 2010. Downsizing in the federal government resulted in reductions to the staffing and the resources for the Airport Data and Information Program to a reduced level, but is now supporting the automation of the collection of airport data using the interactive web form and/or mail solicitation program. Therefore this portion of the data collection process is also compliant with GPEA requirements.

4. Efforts to Identify Duplication.

The Airport Data and Information Program's Airports GIS interactive web form is the primary source for the collection of aeronautical information on airports for the FAA. The annual inspection of airports open to the public using FAA Forms 5010-1 and 5010-3, and the annual mail solicitation of airports not open to the public using FAA Forms 5010-2 and 5010-5, are the FAA's secondary method for obtaining airport data on an annual basis. This information is used by pilots for pre-flight planning and during in-flight operations and is deemed critical to flying safety.

5. Methods used to minimize the burden on small businesses.

The collection of data from small businesses (aviation flying schools, crop-dusting, hospital heliports, etc) requires only a minimum amount of burden, since the owner previously provided the information on record with the FAA. The information is merely kept current every three years by mail solicitation using contractor services. The owner is provided and merely reviews the form, marks any changes on the form, and submits via the interactive web form or mails it back. Since the physical description for these landing facilities changes infrequently, the owner normally reports only minor administrative changes such as his address and phone number.

6. Describe the consequences to Federal program or policy activities if the collection were conducted less frequently.

The new interactive web form provides for a more efficient and timely response to data inaccuracies and correction within the authoritative source database. Data is currently collected annually. Less frequent collection of data leads to inaccurate data in

aeronautical publications and pilot handbooks, posing a serious hazard to air navigation by creating safety problems for pilots and the flying public. In addition, less frequent collection of data results in inaccurate data in the data base, causing longer time for FAA specialists to review and verify records, resulting in additional staffing being needed in AAS-100.

7. Explain any special circumstances that would cause the information collection to be conducted in a manner inconsistent with 5 CFR 1320.5(d)(2)(i)-(viii).

The information is collected in a manner consistent with the guidelines in 5 CFR 1320.5(d)(2)(i)-(viii).

8. Consultation outside the Agency.

The FAA's Airport Data and Information Program, in conjunction with GCR, Inc., offers a training class entitled Airport Master Record Seminar, open to new and recurrent FAA and State aviation personnel who will be conducting airport inspections or other interested parties who will be involved in data collection and dissemination. The class is structured to provide attendees with the procedure for inspecting airports, and an in-depth study of the aeronautical data elements collected in the Airport Master Record. In addition, conferences are held occasionally to discuss the process of collecting and disseminating aeronautical information. The formats of the conferences are a combination of lectures and open forums for free discussion of topics of concern to State inspectors.

A 60-day Federal Register notice for public comments was published on November 10, 2015, (80 FR 69771). No comments were received.

9. Payments.

There are no payments or gifts to respondents. FAA personnel inspect part 139 airports. Remuneration of contractors or grantees that inspect non-Part 139 airports for the FAA is accomplished by state grants through the Airport Improvement Program.

10. Assurance of Confidentiality.

No assurance of confidentiality is given.

11. Questions of a Sensitive Nature.

No personal information is collected.

12. Estimate of Burden.

The Airport Data and Information Program is implemented by FAA Order 5010.4A. Chapter 3 of this Order describes roles and responsibilities. Reporting burden is as follows:

FAA Form 5010-1 = Burden imposed on State inspectors. NOTE: This is a pre-populated report of existing conditions downloaded from Air Traffic's NASR database used as a reference to update information as a result of a physical inspection of a public-use airport.

<u>Number of Responses</u>	<u>Burden Hours</u>	
	<u>Per Response</u>	<u>Total Burden Hours</u>
4,732	1	4,732

FAA Form 5010-2 = Burden imposed on owners/managers of airports not open to the public. NOTE: This is a pre-populated report of existing conditions downloaded from Air Traffic's NASR database used as a reference to update information regularly through physical inspection or mail solicitation.

<u>Number of Responses</u>	<u>Burden Hours</u>	
	<u>Per Response</u>	<u>Total Burden Hours</u>
3,800	.25	950

FAA Form 5010-3 = Burden imposed on state inspectors submitting information on newly established airports open to the public.

<u>Number of Responses</u>	<u>Burden Hours</u>	
	<u>Per Response</u>	<u>Total Burden Hours</u>
5	1	5

FAA Form 5010-5 = Burden for respondents submitting initial information.

<u>Number of Responses</u>	<u>Burden Hours</u>	
	<u>Per Response</u>	<u>Total Burden Hours</u>
500	1	500

Summary

FAA Form 5010-1	= 4,732 (completed by FAA or State inspectors)
FAA Form 5010-2	= 3,800
FAA Form 5010-3	= 5 (completed by FAA or State inspectors)
FAA Form 5010-5	= <u>500</u>
	9037

Annual cost burden to respondents resulting from the collection of information for FAA Forms 5010-2 and 5010-5 is estimated at \$400,000 annually based on prevailing contract costs for private industry.

4300 hours x \$93.0232 = \$400,000.

13. Cost Estimate to Respondents.

There are no additional start-up costs not already included in question 12.

14. Cost Estimates to the Federal Government.

Annual cost to the Federal Government is estimated at \$3,500,000. This information obtained from the annually-renewed grant awarded to GCR, Inc. to conduct and monitor these activities. AIP Grant Number 3-22-5010-013-2015.

15. Explanation of changes.

There is a slight increase in the number of airports closed to the public, and therefore there a decrease in the number of annual responses.

16. Publication of Collected Information.

Air Traffic's Aeronautical Information Services Directorate publishes one-half of all the data collected in their daily National Flight Data Digest (NFDD). The NFDD is the single dissemination source in the U.S. for all civil charts and civil flight publications published by U.S. Government mapmakers and private industry mapmakers. No complex analytical techniques are used. The NFDD is published daily, and from it are derived several aeronautical publications and pilot handbooks, all having different chart publication dates. For example, a complete set of the Airport/Facility Directory is published every eight weeks and individual sectional aeronautical charts are produced at alternating time intervals every six months.

17. If seeking approval to not display the expiration date for OMB approval of the information collection, explain the reasons that display would be inappropriate.

FAA Forms 5010-1 and 5010-2 are computer generated. FAA Forms 5010-3 and 5010-5 are recurring, nonchanging forms that are printed and stocked for continuous use.

18. Certification for Paperwork Reduction Act Submissions.

There are no exceptions to this certification.