

2021

Airport Master Record Seminar

Session 1: Airport Data and Information Program Overview

Speakers: Christopher Criswell, FAA
Rich Gossen, GCR Civix



FAA
Office of Airports

2018
AIRPORT MASTER RECORD SEMINAR

Federal Aviation Administration

Christopher Criswell

Manager, Airport Data and Airspace Branch

AAS-120

202-267-4634

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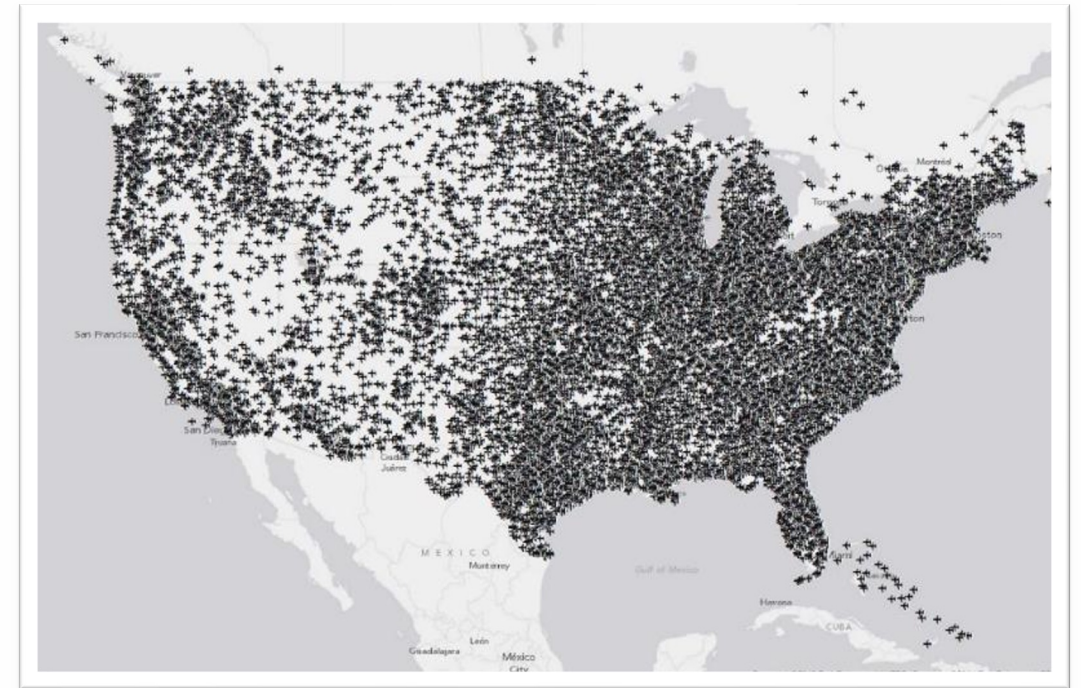
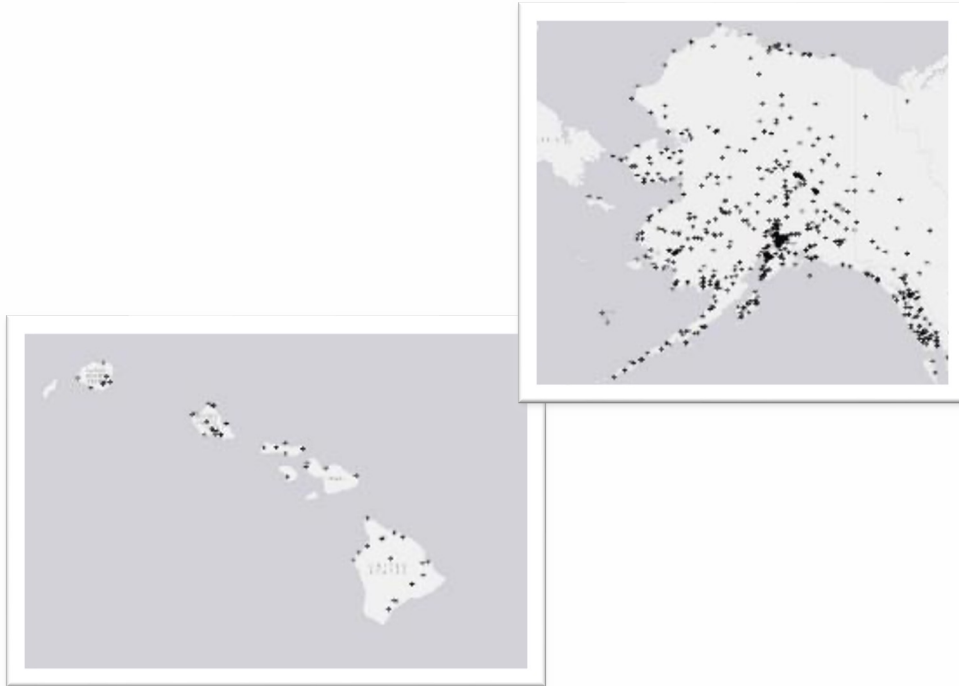


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Airport Data and Information – National Airspace System

Approximately 20,000 landing facilities in the FAA database (airports, heliports, seaplane bases, gliderports, balloonports, and ultralight flightparks)



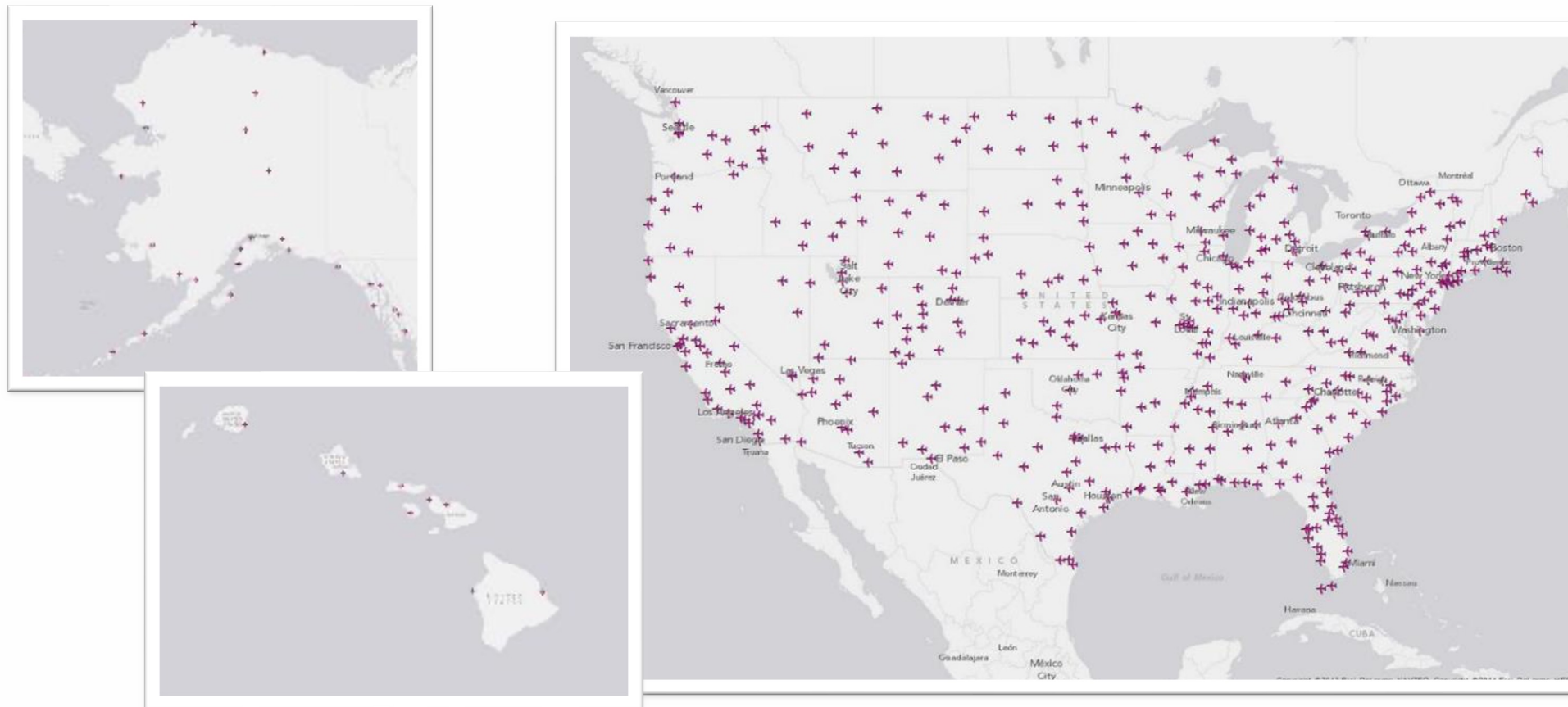
National Airspace System

Approximately 3,500 airports receive federal funding and are included in the National Plan of Integrated Airports System (NPIAS)



National Airspace System

Approximately 530 airports in the US have commercial service



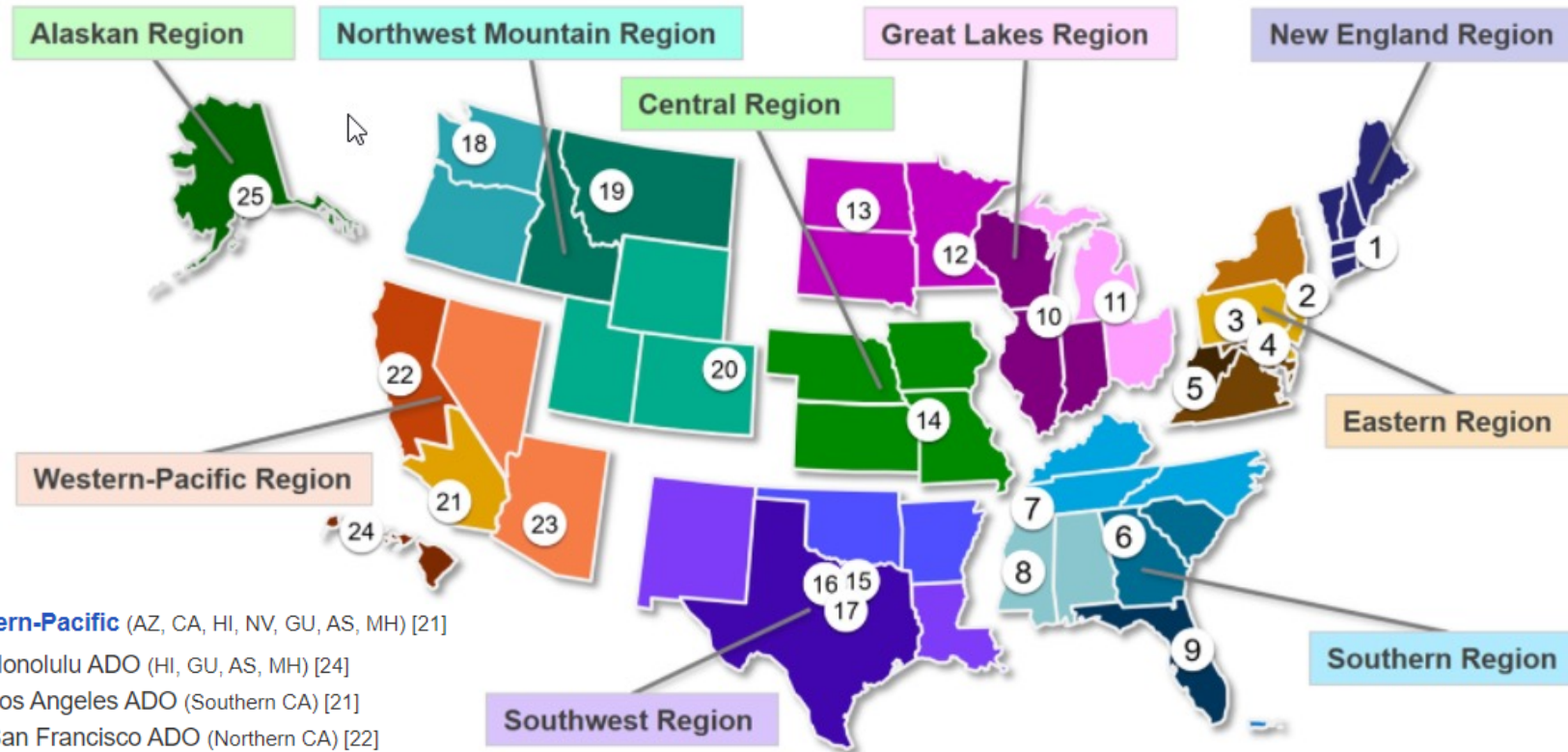
FAA Office of Airports

- 3 Headquarters Offices
- 9 Regional Division Offices
- 21 Airport District/Development Offices
 - Engineering/Safety/Certification
 - Planning/Programming
 - Noise and Environmental
 - Compliance



FAA Office of Airports

https://www.faa.gov/about/office_org/headquarters_offices/arp/regional_offices/



- **Alaskan** (AK) [25]
- **Central** (IA, KS, MO, NE) [14]
 - Beckley ADO (WV) [5]
 - Harrisburg ADO (DE, NJ, PA) [3]
 - New York ADO (NY) [2]
 - Washington ADO (DC, MD, VA) [4]
- **Great Lakes** (IL, IN, MI, MN, ND, OH, SD, WI) [10]
 - Chicago ADO (IL, IN, WI) [10]
 - Detroit ADO (MI, OH) [11]
 - Dakota / Minnesota ADO (MN, ND, SD) [12, 13]
- **New England** (CT, ME, MA, NH, RI, VT) [1]
- **Northwest Mountain** (CO, ID, MT, OR, UT, WA, WY) [18]
 - Denver ADO (CO, UT, WY) [20]
 - Helena ADO (ID, MT) [19]
 - Seattle ADO (OR, WA) [18]
- **Southwest** (AR, LA, NM, OK, TX) [15]
 - Arkansas/Oklahoma ADO [16]
 - Louisiana/New Mexico ADO [17]
 - Texas ADO [15]
- **Southern** (AL, FL, GA, KY, MS, NC, PR, SC, TN, VI) [6]
 - Atlanta ADO (GA, SC, PR, VI) [6]
 - Jackson ADO (AL, MS) [8]
 - Memphis ADO (KY, NC, TN) [7]
 - Orlando ADO (FL) [9]
- **Western-Pacific** (AZ, CA, HI, NV, GU, AS, MH) [21]
 - Honolulu ADO (HI, GU, AS, MH) [24]
 - Los Angeles ADO (Southern CA) [21]
 - San Francisco ADO (Northern CA) [22]
 - Phoenix ADO (AZ, NV) [23]

FAA Office of Airports

Mission:

To “**collect**” airport data

To “**deliver**” the airport data
to the Air Traffic Organization



FAA Office of Airports (ARP)

Current airport data collection programs used by ARP:

- Airport Data and Information
 - State Inspection and 5010 Inspection Program
 - Private Airport Survey Mail Solicitation
 - Direct owner/manager submissions via the Airport Master Record (AMR) module in the online, Airport Data and Information Portal (ADIP)
- Airports GIS Survey
 - GIS = Geographic Information System
- Airport Airspace Analysis
 - Obstacle Evaluation/Airport Airspace Analysis (OE/AAA) database



Airport Data and Information

FAA Order Vs. Advisory Circular



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**ORDER
5010.4A**

Effective Date:
11/30/15



U.S. Department
of Transportation
Federal Aviation
Administration

Advisory Circular

SUBJ: Airport Data and Information Management

This order prescribes requirements, delegates authority, assigns responsibility, and provides guidance for assuring compliance with the provisions of the Airport Data and Information Management program. This directive defines the roles and responsibilities of Federal Aviation Administration (FAA) personnel in the collection, management, processing, and handling of data describing the physical infrastructure, characteristics, services and operational environment of the airport.

Michael P. Huerta
Administrator

Subject: Airport Data and Information
Program

Date: 9/30/2015

AC No: 150/5300-19

Initiated By: AAS-100

Change:

1. **Purpose.**

This Advisory Circular (AC) provides general guidance and information for airport owners and operators in the collection and management of data describing the physical infrastructure, characteristics, and services of their airport. This data is source material for the Federal Aviation Administration (FAA)'s aeronautical information databases, for use in the dissemination of aviation information to the public, preparation of government and private industry aeronautical charts, and related flight information publications as required by 49 U.S.C. 44721, 49 U.S.C. 47130, and the planning and programming of various programs within the FAA. This AC also describes the schedule, frequency, and standards for airport inspections. These inspections ensure conformance with standards including the applicability and currency of the published information.



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Airport Data and Information



FAA Order:

**Tells FAA employees how to do
their jobs.**

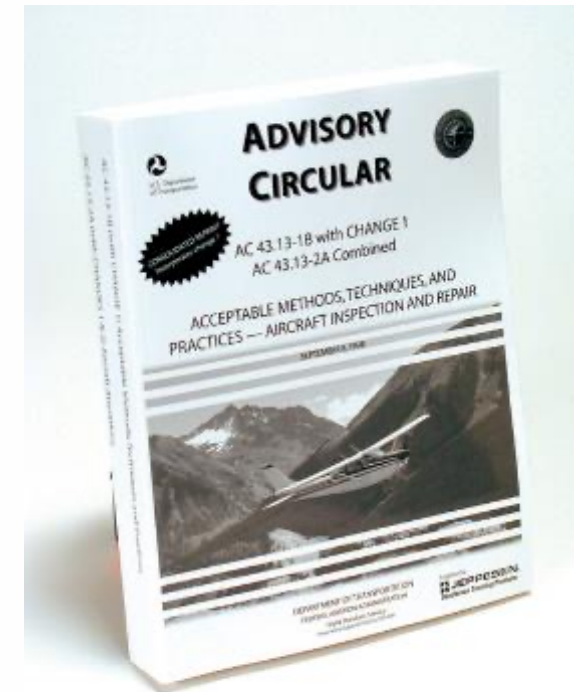
Airport Data and Information

Advisory Circular (AC):

Recommendation to aviation community.

Advisory in nature.

Unless....



Airport Data and Information

You are a NPIAS airport with Federal Obligations (\$\$)...

AC is mandatory.

National Plan of Integrated Airport Systems (NPIAS)

Approx. 3,500 existing and proposed airports that are significant to national air transportation and thus eligible to receive Federal grants under the [Airport Improvement Program \(AIP\)](#).



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OE/AAA

Obstruction Evaluation/Airport Airspace Analysis

OE =
Obstruction
Evaluation



Airport Airspace Analysis Program

AAA Mission:

- To “***analyze***” airport airspace data
- To “***forward***” the airport airspace data to the Airport Data and Information Program, who in turn “gives” the data to the Air Traffic Organization



Airport Airspace Analysis Program

Mission: To analyze airport airspace data via aeronautical studies. These studies analyze the impact of airport construction and potential hazards to navigation on the National Airspace System using the OE/AAA database.

AAA Form

Form 7480-1 Notice of Landing Area Proposal
(see the 8 items in the instructions)

OE Form

Form 7460-1 Notice of Proposed Construction or Alteration

Form 7460-2 Notice of Actual Construction or Alteration

U.S. Department of Transportation
Federal Aviation Administration

OMB CONTROL NUMBER: 2120-0038
EXPIRATION DATE: 10/31/2014

NOTICE FOR CONSTRUCTION, ALTERATION AND DEACTIVATION OF AIRPORTS

A. Airport Owner ☐ Check if this is the Property Owner

1. Name and Address ☐ Check if this is the Airport's Physical Address

2. Phone 3. Email

B. Airport Manager (Complete if different than the Airport Owner)

1. Name and Address ☐ Check if this is the Airport's Physical Address

2. Phone 3. Email

C. Purpose of Notification (Answer all questions that apply)

1. Construct or Establish as: ☐ Airport ☐ Ultralight Flightpark ☐ Balloonport ☐ Helipark ☐ Seaplane Base ☐ Other

2. Construct, Alter or Realign as: ☐ Runway ☐ Helipad(s) ☐ Other

3. Change Status from To: ☐ VFR to IFR ☐ IFR to VFR ☐ Private Use to Public Use ☐ Public Use to Other

4. Change Traffic Pattern: ☐ Direction ☐ Altitude ☐ Other (Describe Below)

5. Deactivate: ☐ Airport ☐ RWY ☐ TWY

6. Description:

D. Name, Location, Use and Type of Landing Area

1. Name of Landing Area 2. Loc ID (for existing)

3. Associated City and State 4. Distance from City (nm)

5. County (Physical Location) 6. Direction from City

7. Latitude 8. Longitude 9. Elevation

10. Current Use: ☐ Private ☐ Public ☐ Private Use of Public Lands

11. Ownership: ☐ Private ☐ Public ☐ Military (specify)

12. Airport Type: ☐ Airport ☐ Helipark ☐ Ultralight Flightpark ☐ Seaplane Base ☐ Balloonport ☐ Other

E. Landing Area Data (List any Proposed, New or Unregistered Runways, Helipads, etc.)

1. Airport, Seaplane Base or Ultralight Flightpark (see second page if needed)		2. Helipark, Balloonport or other Landing Area (see second page if needed)	
RWY ID	Lat. & Long. Show on attachment(s)	Helipad ID	Lat. & Long. Show on attachment(s)
Surface Type	Show on attachment(s)	Surface Type	Show on attachment(s)
Length (feet)		TLOF Dimensions	
Width (feet)		FAFO Dimensions	
Lighting (kay)		Lighting (kay)	
Right Traffic (Y/N)		Ingress/Egress (degrees)	
Elevation (MSL) Show on attachment(s)	Show on attachment(s)	Elevation (MSL) Show on attachment(s)	Show on attachment(s)
VFR or IFR		Elevated Height (AGL)	

F. Operational Data (Indicate if the number provided is Actual or Estimated)

	1. Number of Based Aircraft		2. Average Number of Monthly Landings	
	Present or Estimated	Estimated in 5 Years	Present or Estimated	Estimated in 5 Years
Single Engine				
Multi Engine				
Jet				
Helicopter				
Glider				
Military				
Ultralight				

3. What is the Most Demanding Aircraft that operates or will operate at the Airport? (Provide approach speed, rotor diameter, etc. if known)

4. Are IFR Procedures for the Airport Anticipated? ☐ Yes ☐ No If Yes, Within _____ Years

G. CERTIFICATION: I hereby certify that all of the above statements made by me are true and complete to the best of my knowledge.

1. Name, title of person filing this notice (type or print) 2. Signature (in ink)

3. Date 4. Phone 5. Email

FAA Form 7460-1 (4/14) SUPERSEDES PREVIOUS EDITION



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Airport Airspace Analysis Program

FORM 7480-1: <https://www.faa.gov/forms/index.cfm/go/document.information/documentID/185334>

1. Establish a new airport.
2. Add-modify-deactivate a runway.
3. Add-modify a taxiway.
4. Abandon an airport.
5. Abandon a taxiway.
6. Change the status of an airport from private use to public use and from public use to private use.
7. Change status from IFR to VFR or from VFR to IFR.
8. Establish or change any traffic pattern or traffic pattern altitude or direction.



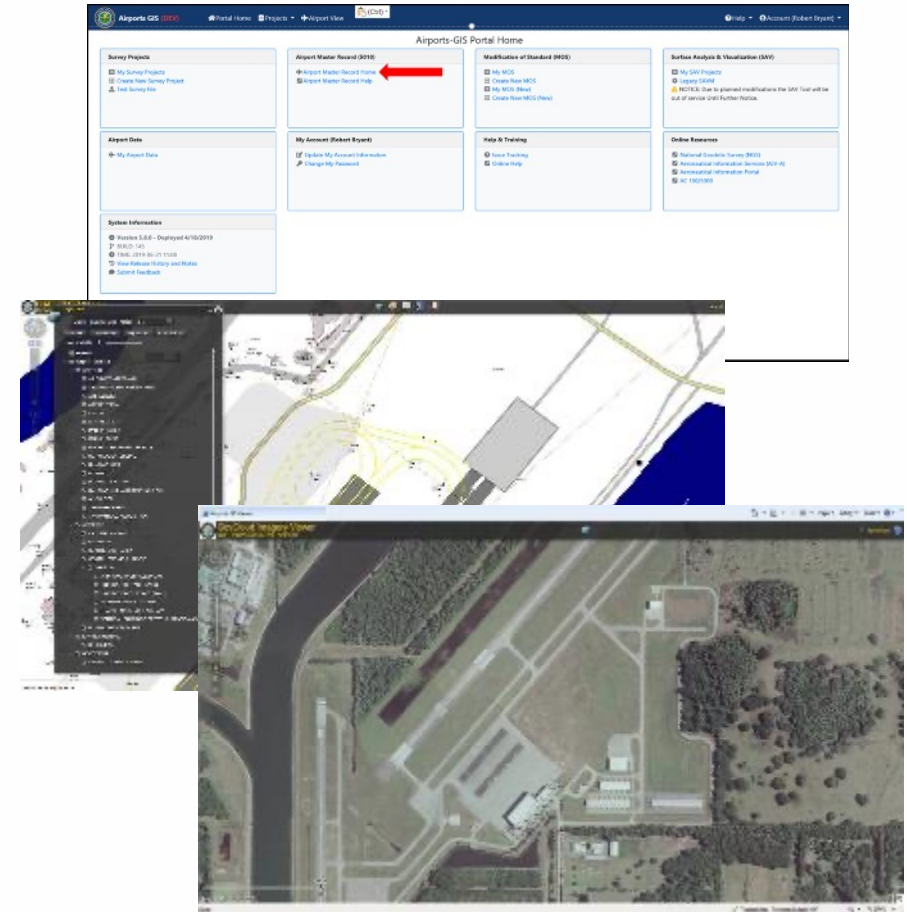
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Airport Data and Information Portal (ADIP)

<https://adip.faa.gov/agis/public/#/public>

- Provides a single portal for the collection and management of airports data
- Allows the FAA and airports to collaborate more effectively and efficiently on airport planning, design, operations and maintenance decisions.
 - Airport Master Records (AMR) Module
 - Airports GIS Survey Module
 - Modification to Standards
 - Surface Analysis and Visualization Tool (“20:1 Tool”)
 - Runway Incursion Mitigation (RIM) Program
 - High Resolution Imagery
 - Legacy ALP’s



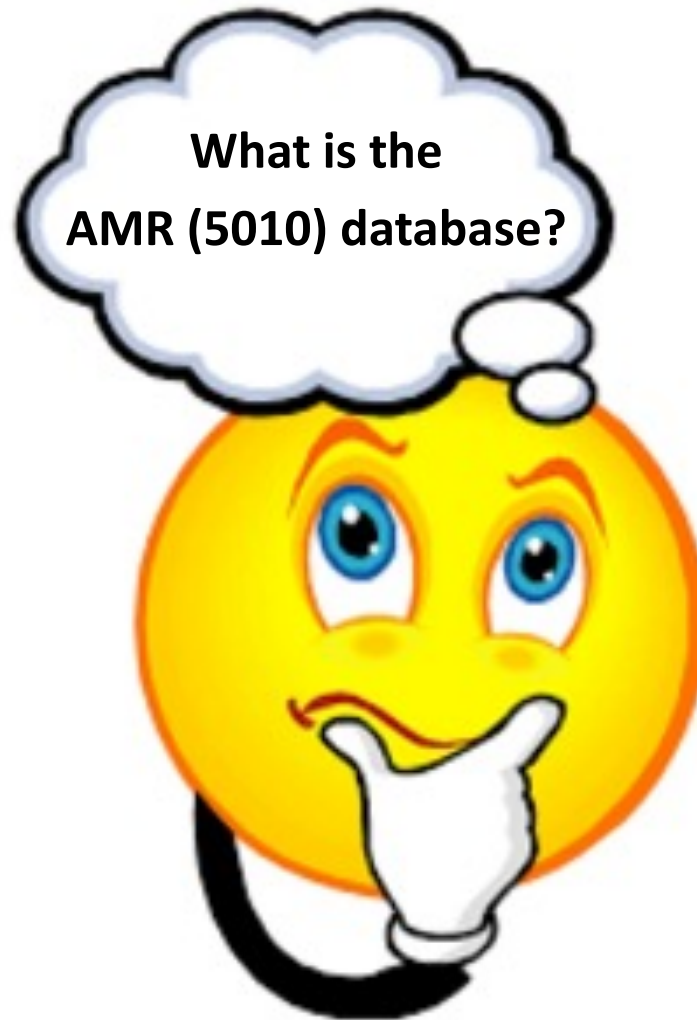
Air Traffic Organization

Operational arm of the FAA responsible for providing safe and efficient air navigation services to 30.2 million square miles of airspace (includes all of the United States, large portions of the Atlantic and Pacific Oceans, the Gulf of Mexico and the Caribbean Sea).

Within the ATO, there is one directorate tasked with the **validation** and **dissemination** of the FAA's aeronautical information and products: AJV-A or Aeronautical Information Services.



Data from the Airport Master Record (Form 5010)

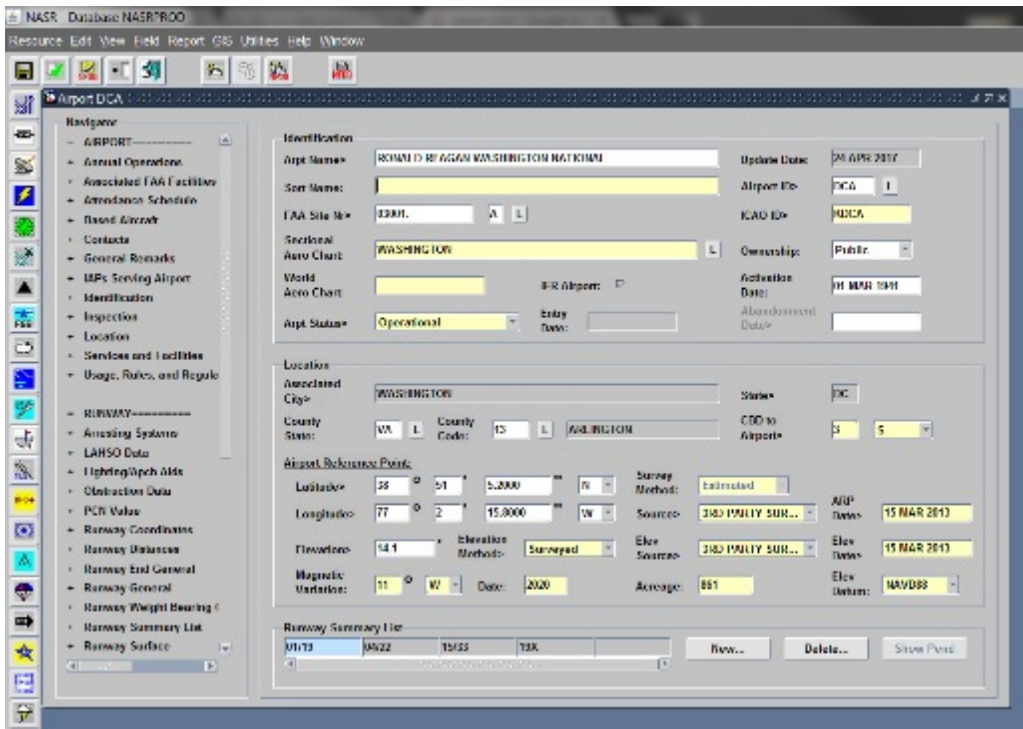


AMR Data

There is no such thing as an “AMR (5010) database”



AJV-A maintains the National Airspace System Resources (NASR) database. Includes data beyond airport info. E.g., airway, fix and ARTCC definitions in addition to data collected for airports in the AMR.



National Airspace System Resources (NASR)

Aeronautical Data Team (**ADT, formerly NFDC**) maintains

- The National aeronautical information database
- The National Airspace System Resources (NASR)
- Provides aeronautical information to government, military, and private producers of aeronautical charts, publications, and flight management systems.

National Airspace System Resources (NASR)

Database element examples

- Airport Data
- Runway Data
- Remarks Data
- Navaids Data
- Airspace Fixes
- Holding Patterns
- Victor Airways
- Jet Airways
- Parachute Jump Areas
- US Location Identifiers (LOC IDs)
- Preferred Routes
- Restricted Areas
- Special Use Airspace
- Military Opns Areas

Airport Data and Information

FAA AMR (Form 5010-1) has two functions:

- It is a report which contains useful airport data at a glance.
- It also serves as a planning document or checklist for conducting airport inspections.



Upcoming Changes

- Official OMB 5010 Form Designation
- Advisory Circular 150/5300-19: *Airport Data and Information Program*
 - This AC provides standards, recommended practices, and automation capabilities for inspectors and airport owners/managers to manage their data within the Airport Data and Information Portal (ADIP) application to communicate changes to the FAA's authoritative source, which is the designated repository for authoritative data describing the physical infrastructure, characteristics, services, and operational environment of the nation's airports.
- The ADIP site is located at: <https://adip.faa.gov/agis/public/#/>



Welcome to the Airport Data and Information Portal

Your one stop for Airport Data!

[Go To Advanced Facility Search](#)

The Airport Data and Information Portal (ADIP) helps the Federal Aviation Administration (FAA) collect airport and aeronautical data to meet the demands of the Next Generation National Airspace System.

Guided by Advisory Circulars (ACs), the Airport Sponsor or proponents are key links in the information chain. Use the Airport Data and Information Portal to access airport data and submit changes matching defined business rules. FAA lines of business are notified once data has been submitted and approved.

 **Register**

Request a Public Account and select your role

MyAccess 

Login/Register for all @faa.gov users

 **Public Login**

Login for Airports, Consultants, State and other users

ADIP Program

- Enables state airport inspectors to edit data and submit inspections for their Public Use airports
- Enables airports and their sponsors/consultants to submit and manage airport data, transparently and in a single location
- Reduces the manual coordination necessary to make airport data revisions
- Enables private use facilities a way to keep their airports active and charted
- Must be OWNER/MANAGER listed on current Airport Master Record (5010) form to gain access to system
 - Ability to designate responsible party

Airport Master Records (AMR) Module inside the Airport Data and Information Portal (ADIP)

Allows airport managers, state aeronautical department inspectors, FAA Airport Certification Safety Inspectors (ACSIIs), and FAA ADO, Regional, and Headquarter personnel to transmit airport safety inspection data directly to the FAA.

Airports GIS (DEV) Portal Home Projects Airport View Help Account (Robert Bryant)

NORFOLK INTL (ORF)
NORFOLK, VA - FAA Site No. 25905.*A

[Download current 5010 Form](#)

General Information

- 1. Associated City: NORFOLK
- 2. Airport Name: NORFOLK INTL
- 3. CBD to Airport (NM): 3 North East
- 4. State: VA
- 5. County: NORFOLK
- 6. Region / ADO: AEA DCA
- 7. Sectional Aeronautical Chart: WASHINGTON
- Airport Internet Address:

Owner Information

- 10. Ownership: PU-Publicly Owned [Change Ownership](#)
- 11. Owner Name: NORFOLK AIRPORT AUTH [Owner Change](#)
- 12. Address 1: 2200 NORVIEW AVE

Manager Information

- 14. Manager Name: ROBERT BOWEN, EXEC DIR
- 15. Address 1: 2200 NORVIEW AVE
- Address 2:
- City: NORFOLK
- State / Zip: VA 23518 5807

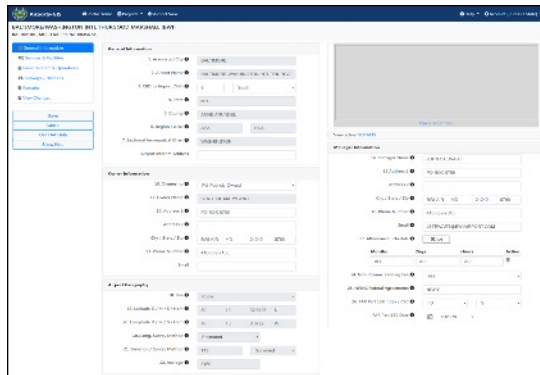
Map View: Measure Map Layers Settings Open Large Map. View active NOTAMS Wildlife Survey.

Airport Data and Information Program (ADIP)



AMR (5010) Data Flow

Refreshing of the ADIP AMR 5010
Database by FAA every 28 days



AMR

XML Export
of Changes



Aeronautical Information Services
Aeronautical Data Team (ADT)



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ADT View of Airport Changes in NASR



FAA
Office of Airports

Airport Data and Information Program (ADIP)

The Result...Published in National Flight Data Digest (NFDD)

WASHINGTON	NFDD 203 - 18	10/21/2010
OCEAN SHORES		
OCEAN SHORES MUNI AIRPORT	(W04)	26323.21A
LATITUDE - 46-59-57.1919 N	LONGITUDE - 124-08-32.577 W	
<u>RMK PARKING RAMP LOOSE GRAVEL ON SURFACE.</u>		DELETED
<u>RWY ID 15/33</u>		
RMK INTENS RWY LGTS: MIRL OTS INDEFLY.		DELETED

Published in Chart Supplements

OCEAN SHORES MUNI (W04) 2 NE UTC-8(-7DT) N46°59.95' W124°08.54' SEATTLE
15 B NOTAM FILE SEA L-1D
RWY 15-33 H3100X50 (ASPH) S-12.5 MIRL
RWY 15: PAPI(P2L)—GA 3.0° TCH 40'. RWY 33: PAPI(P2L)—GA 3.0° TCH 40'. Trees. Rgt tfc.
AIRPORT REMARKS: Unattended. Seabirds in safety and taxi areas and adjacent wetland. Rwy 15-33 has asph 50'
wide with 12.5' grvl shoulders. ~~Parking ramp loose gravel on surface. MIRL OTS indef.~~ ACTIVATE MIRL Rwy
15-33 and PAPI Rwy 15 and Rwy 33—122.8.
COMMUNICATIONS: CTAF 122.9
RCO 122.4 (SEATTLE RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE HQM.
HOQWAM (H) VORTACW 117.7 HQM Chan 124 N46°56.82' W124°08.96' 346° 3.1 NM to fld. 10/19E.
HIWAS.

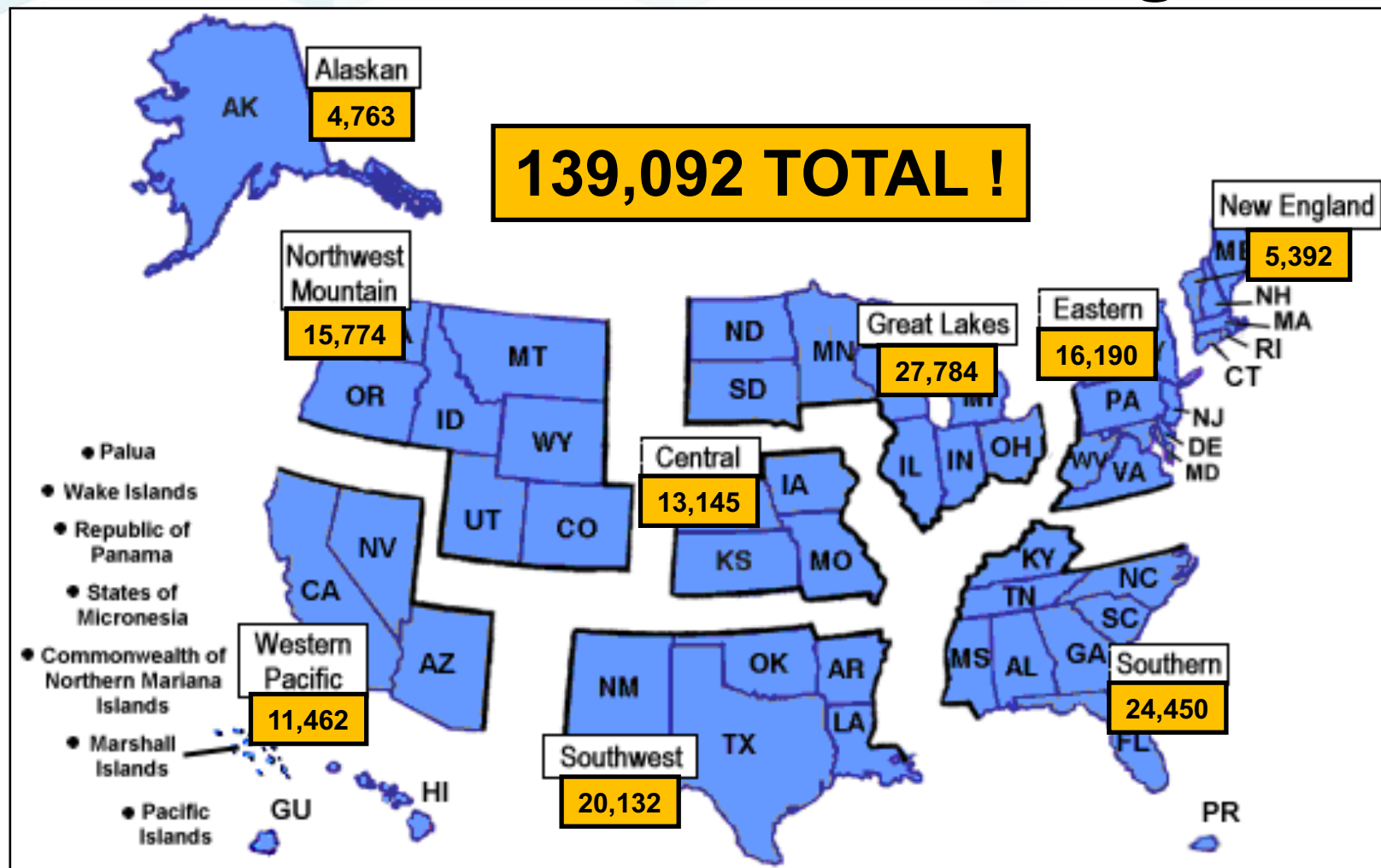
GCR Inc. (GCR) - contractor with the Office of Airports, Airport Data and Information Program

- [illegible]



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Office of Airports

Airport Data and Information Program



Airport Master Records (5010)

NASAO – contractor to GCR, Contract Administrator/Program Promoter

- Responsible for negotiating a services agreement with each state aeronautics department for completion of public use, non-Part 139 airport data inspections
- Following agreement execution, NASAO issues an electronic Notice-To-Proceed to the state to begin airport data inspection services
- Contract duration is based on the federal fiscal year (October 1 through September 30 the following year) and the number of inspections is based on 1/3 of total number of non-Part 139, civil public-use airports in the state
- NASAO audits status of all contracts until all have been executed or have opted out of the program
- NASAO prepares and distributes a quarterly newsletter promoting the program and seeking ways to improve it



Airport Master Records (5010)

Participation by States

- Program's intent is to utilize inspectors within each state aeronautics department to conduct airport data field inspections

Contracts with States

- Ordering of inspection services accomplished by execution of a services agreement with each state aeronautics department
- If a state chooses not to participate, a contractor recommended by the state or GCR, will conduct the inspection on behalf of that state aeronautics department



Airport Master Records (5010)

State Aviation / Contractor

- Inspection Responsibilities:
 - Inspect at least 1/3 of your state's non-Part 139, public-use airports/heliports annually
 - Request based aircraft participation in BasedAircraft.com for applicable airports (non-primary, NPIAS)
 - Submit changes through the FAA's Airport Master Record (AMR) module, within their ADIP website within 2 weeks of inspection
 - Receive reimbursement for each applicable Inspection

Airport Master Records (5010)

Inspection Reimbursement

- GCR prepares an invoice statement per month of inspection activity submitted through **ADIP's AMR** for each participating state/contractor. Statement contains a listing of each airport inspected and forwarded during the reporting period, the inspector's name, the date inspected, date submitted to **ADIP AMR**, and the date forwarded to the FAA (ADT).
- States/contractors confirms accuracy of statement and notifies GCR of any changes needed
- GCR draws down from grant (typically 3rd week in month) and sends reimbursement check back to state/contractor within 3 days of receipt of grant funds



5010Web.com

ALASKA (July 2017 Invoice)

Rebecca Rauf
Alaska Dept. of Transportation / Central
Region Finance
Attn: 5010 Inspection Refund
P.O. Box 196900
Anchorage, AK 99519

Invoice Date: August 4, 2017
Invoice Period: 7/1/2017 - 7/31/2017

Contract Year: 10/2016 - 10/2017
GCR Job No.: 13559 - Year 13
Facilities Inspected per Invoice Period: 91
Invoice Amount: \$136,500.00

Payable To: State of Alaska / Dept. of Transportation

Facilities Inspected & Forwarded During Invoice Period (7/2017)

Airport	Assoc. City	FAA Site #	LIC ID	Inspector	Inspection Date	Date Forwarded	Submitted to FAA
Alachua	Alachua	50017.17C	201	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50017.17A	210	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	201	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	202	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	203	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	204	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	205	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	206	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	207	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	208	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	209	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	210	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	211	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	212	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	213	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	214	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	215	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	216	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	217	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	218	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	219	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	220	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	221	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	222	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	223	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	224	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	225	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	226	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	227	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	228	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	229	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	230	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	231	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	232	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	233	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	234	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	235	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	236	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	237	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	238	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	239	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	240	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	241	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	242	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	243	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	244	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	245	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	246	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	247	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	248	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	249	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	250	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	251	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	252	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	253	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	254	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	255	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	256	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	257	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	258	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	259	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	260	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	261	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	262	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	263	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	264	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	265	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	266	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	267	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	268	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	269	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	270	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	271	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	272	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	273	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	274	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	275	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	276	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	277	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	278	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	279	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	280	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	281	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	282	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	283	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	284	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	285	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	286	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	287	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	288	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	289	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	290	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	291	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	292	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	293	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	294	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	295	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	296	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	297	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	298	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	299	Luke Bird	6/30/2017	7/25/2017	7/31/2017
Alachua	Alachua	50020.17A	300	Luke Bird	6/30/2017	7/25/2017	7/31/2017

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THANK YOU



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