

NEBRASKA DEPARTMENT OF AERONAUTICS



2013 ANNUAL REPORT

NEBRASKA DEPARTMENT OF AERONAUTICS
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2013 ANNUAL REPORT NEBRASKA DEPARTMENT OF AERONAUTICS



Mission:

Encourage and Facilitate
the Development and
Use of Aviation in
Nebraska

This report provides an overview of aviation in Nebraska, as aviation touches our lives in many ways. It is the Department's hope that this report will be a great source of information and a tool for understanding aviation in Nebraska. Many thanks to the Department's professional staff for their efforts in putting this report together. For additional information about the services of the Nebraska Department of Aeronautics please visit our home page at www.aero.nebraska.gov.

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ANNUAL REPORT FROM THE DIRECTOR

Ronnie Mitchell



Calendar year 2013 provided a challenging array of events which this department dealt with in satisfying our responsibilities legislatively and to the 81 public use airports in our state. The issues were both Federal and State and are detailed in this summary.

During late 2012, the sponsor share of Federal grants for Airport Improvement Projects (AIP) went from 5% to 10% of project costs and a short time later the amount of the Federal grant withheld until project closeout went from \$10,000 to 10% of the total grant amount, causing sponsors to obtain bridge loans and creating additional expense for our airports.

Federal "sequestration" took place on March 1 and employed automatic, across-the-board spending cuts due to annual budget deficits. The impact of "sequestration" was briefly felt by airline travelers, as Air Traffic Controllers were told they would be furloughed to offset cuts to the FAA budget. On May 1, President Barack Obama signed into law legislation giving the Federal Aviation Administration (FAA) authority to shift funds (\$256 million from the AIP fund) to eliminate air-traffic controller furloughs. The furloughs were suspended until April 27 following congressional passage of the measure to let the FAA work around across-the-board spending cuts that kicked in during March. It also gave the FAA enough flexibility to avert the planned June 15 closing of 149 small-airport control towers operated by agency contractors. Our one contract tower in NE at Grand Island remained open.

We anxiously awaited OST release of DOT grants for 20 projects among our public use airports. That list was soon down to two airports and we anticipated those would be released shortly. Sequestration's impact on Federal funding of AIP would be greater after October 1. The Federal Government's 16-day partial shutdown ended October 16, 2013. Funding for Airport Improvement projects remained in a state of flux as the Continuing Resolution for funding of the government lasted until January 15, 2014 while the debt limit will likely meet resistance for an increase on February 17, 2014.

The State legislative session began on January 8th. LBI40 was introduced by Senator Bob Krist, which required Zoning Boards to protect airport instrument approach zones from incursion of tall structures out to ten miles from the runway. LBI40 was passed by the Legislature and signed into law by Governor Heineman. During the session, we also attempted to upgrade the state aircraft fleet with the purchase of the University Foundation's 2001 King Air, which we picked up new from the factory in Wichita, KS during November of 2001. In August of 2012, this department entered into a lease/purchase agreement with the Foundation which ended June 30, 2013. It was up to the Appropriations Committee to fund the purchase of \$2,164,760 with money from the General Fund. The Appropriations Committee approved our deficit appropriation, but during Senate debate a study was requested to determine aircraft requirements for the state and then the Legislature would make a decision on whether or not to acquire the King Air, purchase a different aircraft, lease or charter. The Foundation King Air was sold to a private entity in September and we await the findings of the Legislative Executive Committee's study.

Commissioner Ken Risk, who was appointed March of 1999, passed away on February 27 after a long battle with pancreatic cancer. Ken was replaced by Diana Smith from Beatrice. One of our pilots, Zach Miller, left for private employment in January and was replaced by Rob Markise. A 23-year employee, Bob Richter, retired on December 31.

Fuel tax revenue for FY12-13 came in at \$1,427,878 which is better than FY 11-12 by about \$8,700. Our revenue stream remains flat, while pay increases and inflation continue to erode our income. We continue to be frugal in our spending to compensate for this; however, at some point we will need to increase revenue by some means as yet undetermined.

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ANNUAL REPORT AERONAUTICS COMMISSION

The Nebraska Aeronautics Commission was originally established in 1935. It is a five-member commission appointed by the Governor with each member serving for five years. One commission member is appointed or reappointed each year in March. The members of the Commission receive no salary but are reimbursed for their actual expenses related to agency functions. Per State of Nebraska Aeronautics Laws Section 3-104, the Commission's primary functions are:

- ➔ allocate State funds and approve the use of Federal funds to be spent for the construction or maintenance of airport projects
- ➔ designate the location, and approve the sites of airports
- ➔ arrange and authorize the purchase of aircraft upon behalf of the State
- ➔ select and approve pilots to be employed by State agencies
- ➔ assist the Director in formulating the regulations and policies to be carried out by the Department under the terms of the State Aeronautics Department Act

Aeronautics Commissioners:

Dorothy Anderson
Holdrege, Nebraska
2018*

Michael Cook, Chairperson
Bellevue, Nebraska
2017*

Diana Smith
Beatrice, Nebraska
2014*

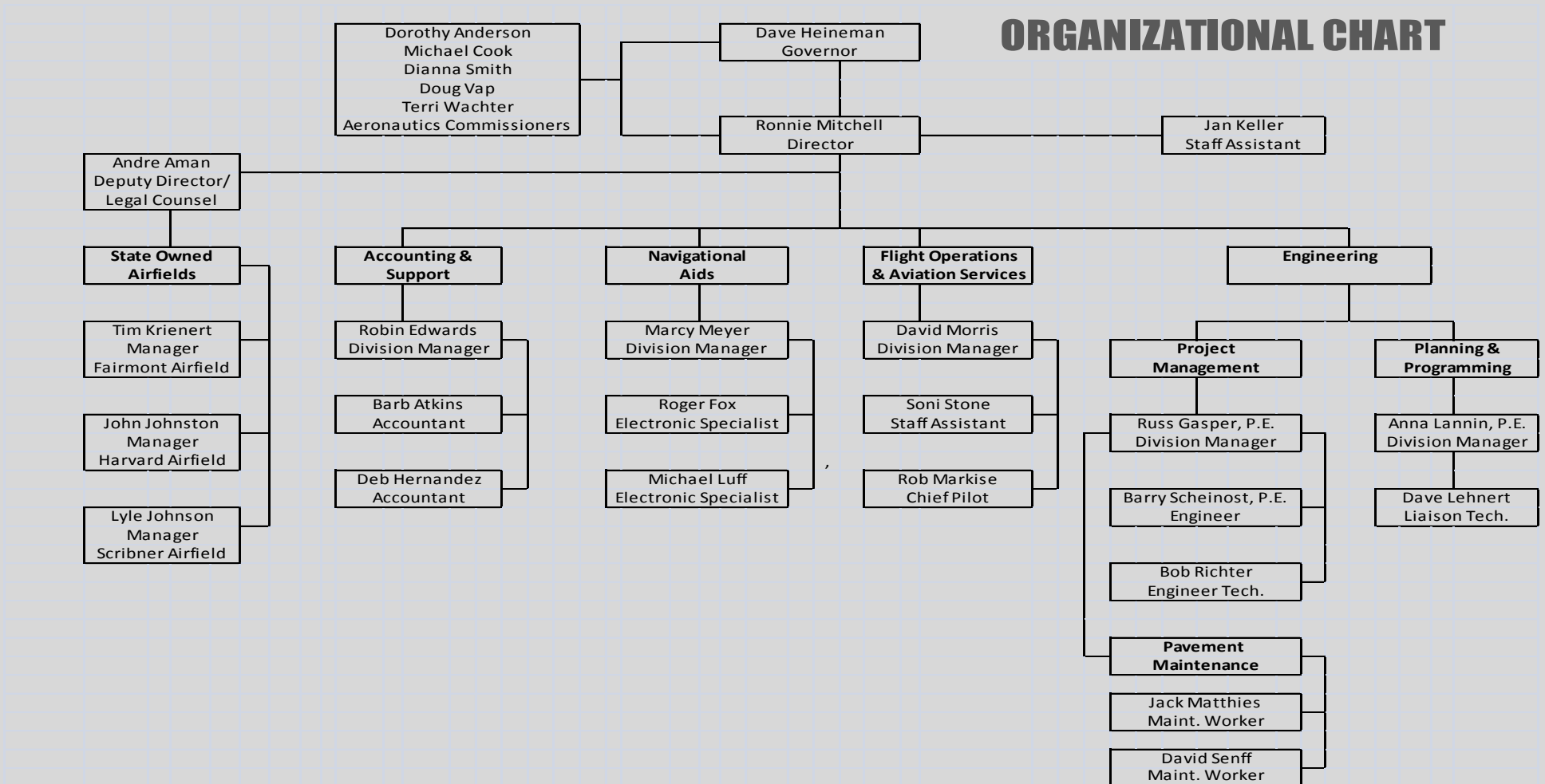
Doug Vap
McCook, Nebraska
2016*

Terri Wachter
Norfolk, Nebraska
2015*

*Indicates year term expires

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AGENCY MISSION & GOALS

The Nebraska Department of Aeronautics (NDA) is a service agency that was created in 1945 under State of Nebraska Aeronautics Laws, Chapter 3, for the purpose of furthering public interest and aeronautic progress within the State. The NDA is dedicated to carrying out the Nebraska Aviation System Plan to aid in ensuring a safe, viable and sustainable air transportation system that enhances the State's economy and quality of life; and to providing safe, reliable and efficient air transportation and aviation services to support all State governmental entities. The NDA is committed to the development of strategic plans, problem-solving processes that address statewide aviation issues, coordinating and managing aviation-related legislative issues, participating in multi-modal transportation coordination, and providing outreach to aviation constituents, airport sponsors and users throughout the State of Nebraska.

The Department's goals include:

- ➔ developing aviation as an integral part of Nebraska's transportation system
- ➔ encouraging aviation-related economic development that links the state, country and world as a significant source of transportation
- ➔ creating and implementing strategies to protect and improve the State's aviation system
- ➔ supporting the efficient modernization of Nebraska's airport system, emphasizing operational safety and security
- ➔ maintaining a system of navigational aids that supplement the federal system,
- ➔ assisting eligible public-use airports to preserve and maintain airport surfaces through maintenance and rehabilitation
- ➔ upgrading and maintaining the state-owned aircraft fleet
- ➔ supporting aviation education

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AGENCY STRUCTURE

The Nebraska Department of Aeronautics serves all public use airports in the state and the general public regarding aviation related issues with a staff of 22 professionals. The agency is divided into six divisions:

Three **State-Owned Airfields** are operated as active airports. The airfields were deeded to the Department as World War II surplus property. The locations of the State Owned Airfields are as follows:

- Fairmont State Airfield; Fairmont, Nebraska
- Harvard State Airfield; Harvard, Nebraska
- Scribner State Airfield; Scribner, Nebraska

In addition, the Department manages land at the site of the Bruning State Airfield, Bruning, Nebraska. The Bruning State Airfield was closed in 1969.

The **Accounting and Support Division** provides essential operational services and support to the agency as a whole, as well as to the Nebraska Aeronautics Commission. The Administration Division is responsible for:

- office and personnel management
- procurement, budget and finance management
- legislative coordination
- public outreach and relations
- administrative rule coordination
- policy direction and implementation

The **Navigational Aids Division** is located at the Kearney Municipal Airport for efficient centralized deployment of technical staff throughout the State of Nebraska. The technical staff maintains navigational facilities and systems in accordance with Federal Aviation Administration (FAA) Standards for the support of the National Airspace System. The division is responsible for:

- installation, maintenance and operation of the State-owned navigational aids
- the majority of Automated Weather Observation Systems (AWOS's) in Nebraska and their dissemination into the FAA's National Data Interchange Network (NADIN)

AGENCY STRUCTURE

- management of the registration of all radio frequencies on both the navigational aids and the AWOS sites they maintain

The **Operations Division** is an active participant within the aviation community in Nebraska and provides air transportation for state government. The division is responsible for:

- operating and managing of state owned aircraft, and rental/charter of aircraft
- publishing the State Airport Directory and bi-monthly PIREPS newsletter
- participating in the annual American Legion Cornhusker Boys' State and American Legion Auxiliary Cornhusker Girls' State
- organizing youth programs, which may include an annual aviation art contest and aviation career exploration (ACE) camp

The **Pavement Maintenance Division** operates essential programs within the Department that provide cost effective services to enhance safety and maintenance. All public-use airports have access to these programs that aid in extending the useful life of initial investments related to pavements. The services provided are:

- pavement marking
- crack and joint sealing
- seal coats and pavement rehabilitation

The **Engineering Division** is comprised of the Planning and Project Management Sections. The Planning and Project Management Sections work in harmony with each other in order to sustain the vitality of Nebraska's statewide aviation system; therefore, the duties and responsibilities these sections blend together to include:

- coordinating with 81 airport sponsors to develop 20-year capital improvement plans
- reviewing airport improvements for fiscal responsibility and value
- conducting airport inspections to identify discrepancies with safety and airport licensing standards
- issuing building permits for structures over 150-ft in height
- maintaining a searchable database regarding meteorological evaluation tower locations
- administering public-use airport Disadvantaged Business Enterprise programs
- processing state and federal grant payments
- coordinating and reviewing land acquisition projects
- coordinating consultant selection activities for airport sponsors
- preparing and reviewing airport hazard area zoning documents
- administering state Hangar and Fuel Loan Programs
- inspecting/evaluating airport pavements, as required by federal agreements

AGENCY STRUCTURE

- preparing pavement preservation/maintenance plans, as required by federal agreements
- acting as agent for airport sponsors
- completing environmental assessments to comply with National Environmental Protection Act (NEPA)

Many of the duties and responsibilities listed above are provided to public-use airports by the engineering division through a contractual agreement (i.e., Agency Agreement). The Agency Agreement is in accordance with, and for the purpose of, complying with the laws of the State of Nebraska, Sections 3-124 and 3-329.

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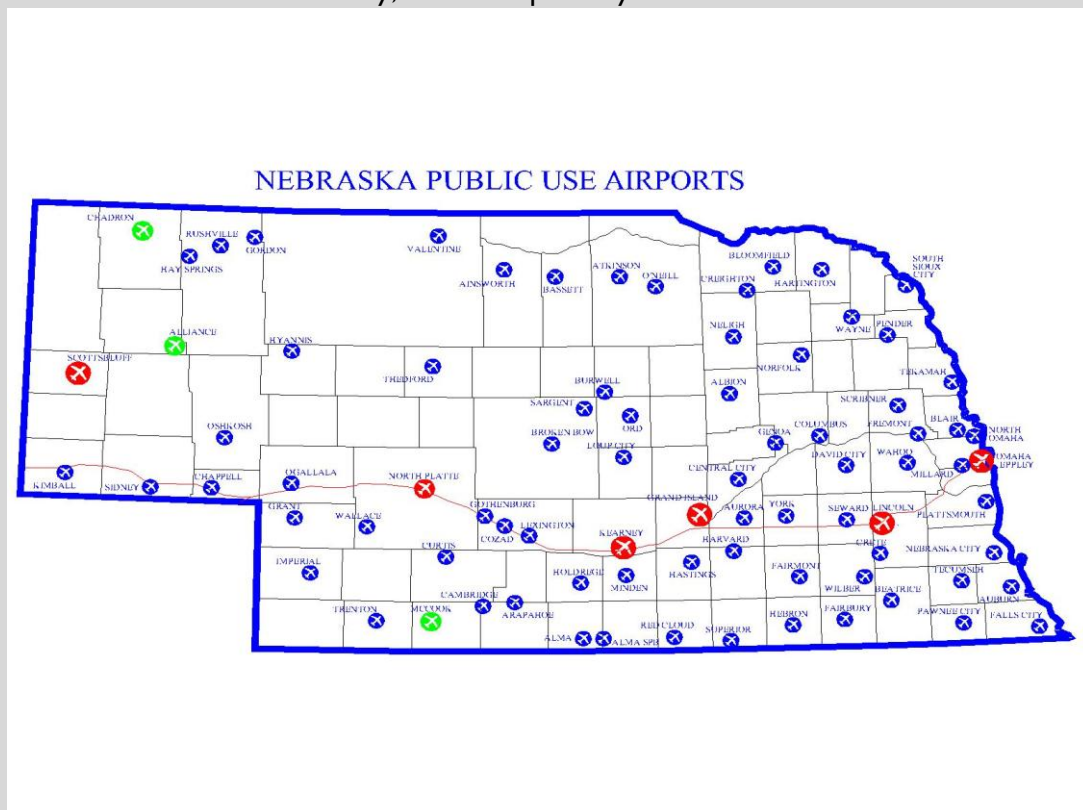
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ANNUAL REPORT AGENCY ACCOMPLISHMENTS

Nebraska Airports

There are 81 public-use airports in Nebraska. These airports are required to have a license issued by the Department. These airports, as shown below, are inspected every three years and must meet minimum licensing standards as established by the Department.

Nine (9) airports have commercial air service (Omaha, Lincoln, Grand Island, Kearney, North Platte, McCook, Scottsbluff, Alliance and Chadron) with the remaining 72 airports considered general aviation airports. However, all the public-use airports (commercial service or general aviation) are significant economic generators for the State of Nebraska. Not only do the airports themselves generate economic benefits, but also many non-aviation employers rely on the Nebraska Airport System to support their daily business activities, which also contribute to building the State's economy. All the licensed airports are publicly owned facilities except for North Omaha and South Sioux City, which are privately owned.



The following table provides information regarding based aircraft and annual operations.

ACCOMPLISHMENTS

NEBRASKA PUBLIC-USE AIRPORTS BASED AIRCRAFT & ANNUAL OPERATIONS

CITY	AIRPORT	BASED AIRCRAFT*	ANNUAL OPERATIONS*
AINSWORTH	AINSWORTH MUNICIPAL AIRPORT	14	4,000
ALBION	ALBION MUNICIPAL AIRPORT	11	5,100
ALLIANCE	ALLIANCE MUNICIPAL AIRPORT	71	14,700
ALMA	ALMA MUNICIPAL AIRPORT	4	850
ALMA	HARLAN COUNTY LAKE	0	2
ARAPAHOE	ARAPAHOE MUNICIPAL AIRPORT	3	2,250
ATKINSON	STUART-ATKINSON MUNICIPAL AIRPORT	13	2,700
AUBURN	FARINGTON FIELD	8	2,150
AURORA	AURORA MUNICIPAL AIRPORT	27	15,925
BASSETT	ROCK COUNTY AIRPORT	5	2,000
BEATRICE	BEATRICE MUNICIPAL AIRPORT	27	10,175
BLAIR	BLAIR MUNICIPAL AIRPORT	41	15,500
BLOOMFIELD	BLOOMFIELD MUNICIPAL AIRPORT	5	4,050
BROKEN BOW	BROKEN BOW MUNICIPAL AIRPORT	16	10,830
BURWELL	CRAM FIELD	4	900
CAMBRIDGE	CAMBRIDGE MUNICIPAL AIRPORT	14	7,000
CENTRAL CITY	CENTRAL CITY MUNICIPAL AIRPORT	22	5,514
CHADRON	CHADRON MUNICIPAL AIRPORT	22	7,848
CHAPPELL	BILLY G RAY FIELD	1	3,320
COLUMBUS	COLUMBUS MUNICIPAL AIRPORT	47	15,000
COZAD	COZAD MUNICIPAL AIRPORT	14	13,000
CREIGHTON	CREIGHTON MUNICIPAL AIRPORT	11	2,320
CRETE	CRETE MUNICIPAL AIRPORT	40	23,420
CURTIS	CURTIS MUNICIPAL AIRPORT	7	6,280
DAVID CITY	DAVID CITY MUNICIPAL AIRPORT	4	3,400
FAIRBURY	FAIRBURY MUNICIPAL AIRPORT	11	6,400
FAIRMONT	FAIRMONT STATE AIRFIELD	21	1,585
FALLS CITY	BRENNER FIELD	22	4,700
FREMONT	FREMONT MUNICIPAL AIRPORT	48	22,300
GENOA	GENOA MUNICIPAL AIRPORT	3	1,050
GORDON	GORDON MUNICIPAL AIRPORT	15	4,650
GOTHENBURG	QUINN FIELD	18	7,644
GRAND ISLAND	CENTRAL NEBRASKA REGIONAL AIRPORT	39	23,048
GRANT	GRANT MUNICIPAL AIRPORT	17	9,500
HARTINGTON	HARTINGTON MUNICIPAL AIRPORT	23	6,600
HARVARD	HARVARD STATE AIRFIELD	9	1,570
HASTINGS	HASTINGS MUNICIPAL AIRPORT	25	19,000
HAY SPRINGS	HAY SPRINGS MUNICIPAL AIRPORT	3	400
HEBRON	HEBRON MUNICIPAL AIRPORT	4	2,920
HOLDREGE	BREWSTER FIELD	32	10,100
HYANNIS	GRANT COUNTY AIRPORT	5	1,825
IMPERIAL	IMPERIAL MUNICIPAL AIRPORT	16	9,700
KEARNEY	KEARNEY REGIONAL AIRPORT	29	30,040
KIMBALL	ROBERT E ARRAJ FIELD	10	4,750
LEXINGTON	JIM KELLY FIELD	28	10,640
LINCOLN	LINCOLN AIRPORT	212	60,709
LOUP CITY	LOUP CITY MUNICIPAL AIRPORT	9	1,400

ACCOMPLISHMENTS

NEBRASKA PUBLIC-USE AIRPORTS BASED AIRCRAFT & ANNUAL OPERATIONS

CITY	AIRPORT	BASED AIRCRAFT*	ANNUAL OPERATIONS*
MCCOOK	MCCOOK BEN NELSON REGIONAL AIRPORT	35	16,900
MINDEN	PIONEER VILLAGE FIELD	22	7,000
NEBRASKA CITY	NEBRASKA CITY MUNICIPAL AIRPORT	10	5,300
NELIGH	ANTELOPE COUNTY AIRPORT	12	5,300
NORFOLK	KARL STEFAN MEMORIAL AIRPORT	43	26,934
NORTH PLATTE	NORTH PLATTE REGIONAL AIRPORT	48	37,814
OGALLALA	SEARLE FIELD	15	4,483
OMAHA	EPPLEY AIRFIELD	106	108,055
OMAHA	MILLARD AIRPORT	110	72,300
OMAHA	NORTH OMAHA AIRPORT	58	14,250
O'NEILL	O'NEILL MUNI - JOHN L BAKER FIELD	15	7,440
ORD	EVELYN SHARP FIELD	13	7,000
OSHKOSH	GARDEN COUNTY AIRPORT	8	6,270
PAWNEE CITY	PAWNEE CITY MUNICIPAL AIRPORT	5	844
PENDER	PENDER MUNICIPAL AIRPORT	15	2,700
PLATTSMOUTH	PLATTSMOUTH MUNICIPAL AIRPORT	37	20,500
RED CLOUD	RED CLOUD MUNICIPAL AIRPORT	11	5,160
RUSHVILLE	MODISETT FIELD	4	3,250
SARGENT	SARGENT MUNICIPAL AIRPORT	4	5,000
SCOTTSBLUFF	WESTERN NEBR. REGIONAL/WILLIAM B. HEILIG FIELD	41	27,965
SCRIBNER	SCRIBNER STATE AIRFIELD	13	2,600
SEWARD	SEWARD MUNICIPAL AIRPORT	33	12,650
SIDNEY	SIDNEY MUNICIPAL AIRPORT	29	11,475
SO. SIOUX CITY	MARTIN FIELD	36	20,900
SUPERIOR	SUPERIOR MUNICIPAL AIRPORT	10	12,500
TECUMSEH	TECUMSEH MUNICIPAL AIRPORT	4	5,000
TEKAMAH	TEKAMAH MUNICIPAL AIRPORT	23	26,270
THEDFORD	THOMAS COUNTY AIRPORT	3	6,150
TRENTON	TRENTON MUNICIPAL AIRPORT	2	3,750
VALENTINE	MILLER FIELD	26	4,264
WAHOO	WAHOO MUNICIPAL AIRPORT	39	16,350
WALLACE	WALLACE MUNICIPAL AIRPORT	10	2,675
WAYNE	WAYNE MUNICIPAL AIRPORT	22	8,480
YORK	YORK MUNICIPAL AIRPORT	22	10,300
TOTALS:		1,904	946,594

*Based Aircraft and Annual Operations values obtained from the FAA 5010 Data Base

ACCOMPLISHMENTS

Airports Classifications

Nebraska Public-Use Airports are classified in accordance with the Nebraska Aviation System Plan as National, Regional, Local or Limited Airports. Many factors, including serving population centers, accommodating medical needs, serving economic/trade centers, and general aviation coverage, were considered when classifying airports.

NATIONAL AIRPORTS – Maintain a consistent and contributing role in enabling the local, regional, and statewide economy to have access to and from the national and worldwide economy.

NEBRASKA AVIATION SYSTEM PLAN NATIONAL AIRPORT CLASSIFICATION

ASSOCIATED CITY	NATIONAL CLASSIFICATION	AIRPORT NAME
Alliance		Alliance Municipal Airport
Beatrice		Beatrice Municipal Airport
Chadron		Chadron Municipal Airport
Columbus		Columbus Municipal Airport
Fremont		Fremont Municipal Airport
Grand Island		Central Nebraska Regional Airport
Hastings		Hastings Municipal Airport
Kearney		Kearney Regional Airport
Lincoln		Lincoln Airport
McCook		McCook Ben Nelson Municipal Airport
Norfolk		Norfolk Regional Airport
North Platte		North Platte Regional Airport
Omaha		Eppley Airfield
Plattsmouth		Plattsmouth Municipal Airport
Scottsbluff		Western Nebraska Regional Airport
Sidney		Sidney Municipal Airport
Valentine		Miller Field
York		York Municipal Airport

NEBRASKA AVIATION SYSTEM PLAN NATIONAL AIRPORT MINIMUM FACILITY STANDARDS

FACILITY	NATIONAL CLASSIFICATION MINIMUM CRITERIA	MEETING CRITERIA
Airport Reference Code (ARC):	C-II or Greater	100%
Runway Length:	75% Large Aircraft at 60% Useful Load	94%
Runway Width:	To Meet ARC	94%
Runway Strength:	To Meet ARC	100%
Crossing Runway:	As Needed to Meet 95% Coverage	50%
Taxiways:	Full Parallel	89%
Navigational Aids:	Precision Approach	50%
Visual Aids:	MALS, PAPIs	67%
Lighting:	MIRL, Beacon	100%
Weather:	Automated Weather	100%
Services:	Phone, Restrooms, FBO, Maintenance, Jet Fuel, Ground Transportation, RCO	56%
Facilities:	Terminal, Aircraft Apron, Hangars, Auto Parking	100%
Ground Access:	Full paved road from associated city to terminal Roadway signs on and off site	78%

ACCOMPLISHMENTS

REGIONAL AIRPORTS – Maintain a contributing role in supporting the local and regional economy and connecting it to the state and national economy.

NEBRASKA AVIATION SYSTEM PLAN REGIONAL AIRPORT CLASSIFICATION

ASSOCIATED CITY	AIRPORT NAME
Ainsworth	Ainsworth Municipal Airport
Albion	Albion Municipal Airport
Blair	Blair Municipal Airport
Broken Bow	Broken Bow Municipal Airport
Crete	Crete Municipal Airport
Falls City	Brenner Field
Gordon	Gordon Municipal Airport
Holdrege	Brewster Field
Imperial	Imperial Municipal Airport
Kimball	Robert E. Arraj Field
Lexington	Jim Kelly Field
Nebraska City	Nebraska City Municipal Airport
Neligh	Antelope County Airport
Ogallala	Searle Field
Omaha	Millard Airport
O'Neill	O'Neill Municipal-John L. Baker Field
Ord	Evelyn Sharp Field
Seward	Seward Municipal Airport
Superior	Superior Municipal Airport
Wahoo	Wahoo Municipal Airport
Wayne	Wayne Municipal Airport

NEBRASKA AVIATION SYSTEM PLAN REGIONAL AIRPORT MINIMUM FACILITY STANDARDS

FACILITY	MINIMUM CRITERIA	MEETING CRITERIA
Airport Reference Code (ARC):	B-II or Greater	100%
Runway Length:	100% OF Small Aircraft w/ less than 10 passenger seats	81%
Runway Width:	To Meet ARC	86%
Runway Strength:	To Meet ARC	100%
Taxiways:	Partial Parallel	67%
Navigational Aids:	Non-Precision Approach	100%
Visual Aids:	PAPIs	95%
Lighting:	MIRL, Beacon	100%
Weather:	Automated Weather	76%
Services:	Phone, Restrooms, FBO, Maintenance, Jet Fuel, Ground Transportation, RCO	43%
Facilities:	Terminal, Aircraft Apron, Hangars, Auto Parking	95%
Ground Access:	Full paved road from associated city to terminal Roadway signs on and off site	33%

ACCOMPLISHMENTS

LOCAL AIRPORTS – Maintain a supplemental and contributing role for a local economy.

NEBRASKA AVIATION SYSTEM PLAN LOCAL AIRPORT CLASSIFICATION

ASSOCIATED CITY	AIRPORT NAME
Atkinson	Stuart-Atkinson Municipal Airport
Auburn	Farington Field
Aurora	Aurora Municipal Airport
Cambridge	Cambridge Municipal Airport
Central City	Central City Municipal Airport
Creighton	Creighton Municipal Airport
Curtis	Curtis Municipal Airport
David City	David City Municipal Airport
Fairbury	Fairbury Municipal Airport
Fairmont	Fairmont Municipal Airport
Grant	Grant Municipal Airport
Hartington	Hartington Municipal Airport
Hebron	Hebron Municipal Airport
Hyannis	Hyannis Municipal Airport
Loup City	Loup City Municipal Airport
Minden	Pioneer Village Field
Omaha	North Omaha Airport
Oshkosh	Garden County Airport
Red Cloud	Red Cloud Municipal Airport
Scribner	Scribner State Airfield
South Sioux City	Martin Field
Tekamah	Tekamah Municipal Airport
Theadford	Thomas County Airport
Wallace	Wallace Municipal Airport

NEBRASKA AVIATION SYSTEM PLAN LOCAL AIRPORT MINIMUM FACILITY STANDARDS

FACILITY	LOCAL CLASSIFICATION MINIMUM CRITERIA	MEETING CRITERIA
Airport Reference Code (ARC):	B-I or Greater	100%
Runway Length:	95% Small Aircraft (NPIAS Airports) 75% Small Aircraft (non NPIAS) Airports)	76%
Runway Width:	60-ft for NPIAS Airport, 50-ft for non-NPIAS Airport	88%
Runway Strength:	To Meet ARC	92%
Taxiways:	Turnarounds & Connectors	88%
Navigational Aids:	Non-Precision Approach	72%
Visual Aids:	PAPIs	44%
Lighting:	MIRL, Beacon	88%
Services:	Phone, Restrooms, Fuel	88%
Facilities:	Pilots Lounge, Aircraft Apron, Hangars, Auto Parking	84%
Ground Access	Roadway signs on and off site	--

ACCOMPLISHMENTS

LIMITED AIRPORTS – Maintain a limited contributing role for the local economy.

NEBRASKA AVIATION SYSTEM PLAN LIMITED AIRPORT CLASSIFICATION

LIMITED CLASSIFICATION	
ASSOCIATED CITY	AIRPORT NAME
Alma	Alma Municipal Airport
Arapahoe	Arapahoe Municipal Airport
Bassett	Rock County Airport
Bloomfield	Bloomfield Municipal Airport
Burwell	Cram Field
Chappell	Billy G. Ray Field
Genoa	Genoa Municipal Airport
Gothenburg	Quinn Field
Harvard	Harvard State Field
Hay Springs	Hay Springs Municipal Airport
Pawnee City	Pawnee City Municipal Airport
Pender	Pender Municipal Airport
Rushville	Modisett Field
Sargent	Sargent Municipal Airport
Tecumseh	Tecumseh Municipal Airport
Trenton	Trenton Municipal

NEBRASKA AVIATION SYSTEM PLAN LIMITED AIRPORT MINIMUM FACILITY STANDARDS

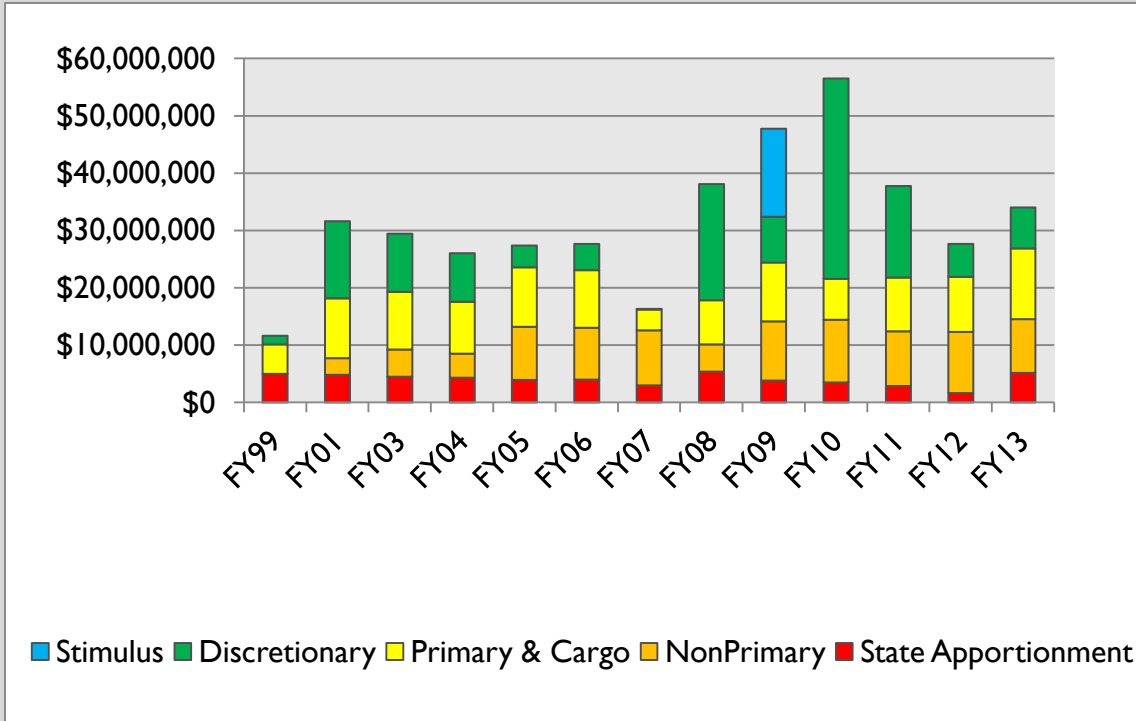
LIMITED CLASSIFICATION		
FACILITY	MINIMUM CRITERIA	MEETING CRITERIA
Airport Reference Code (ARC):	A-1 or Turf	100%
Runway Length:	95% Small Aircraft (NPIAS Airports) Maintain Existing (non NPIAS) Airports)	90%
Runway Width:	60-ft Paved or 120-ft Turf (NPIAS Airport) 50-ft Paved or 100-ft Turf (non-NPIAS Airport)	86%
Taxiways:	Turnarounds and/or Connectors	100%
Lighting:	Reflectors or LIRL, Beacon	95%
Services:	Phone, Restrooms	71%
Facilities:	Aircraft Apron, Hangars, Auto Parking	100%
Ground Access	Roadway signs on and off site	--

ACCOMPLISHMENTS

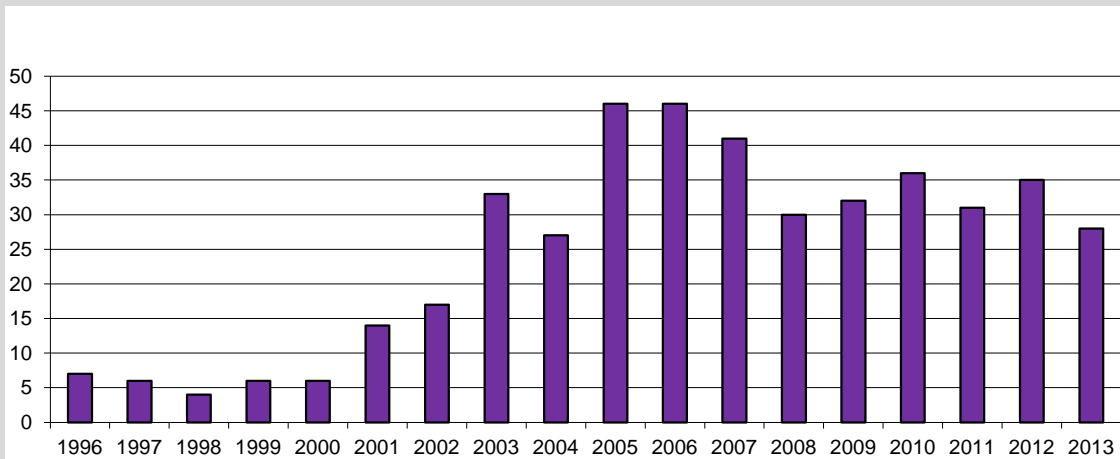
Airport Improvements

The Department continues to assist airport sponsors in obtaining federal grants and complying with grant requirements. A majority of federal funds must pass through the Department by state law. The Department also administers the state's grant and loan programs. The following tables illustrate various funding for airport improvement projects.

FEDERAL FUNDING



NUMBER OF FEDERAL GRANTS ISSUED BY YEAR

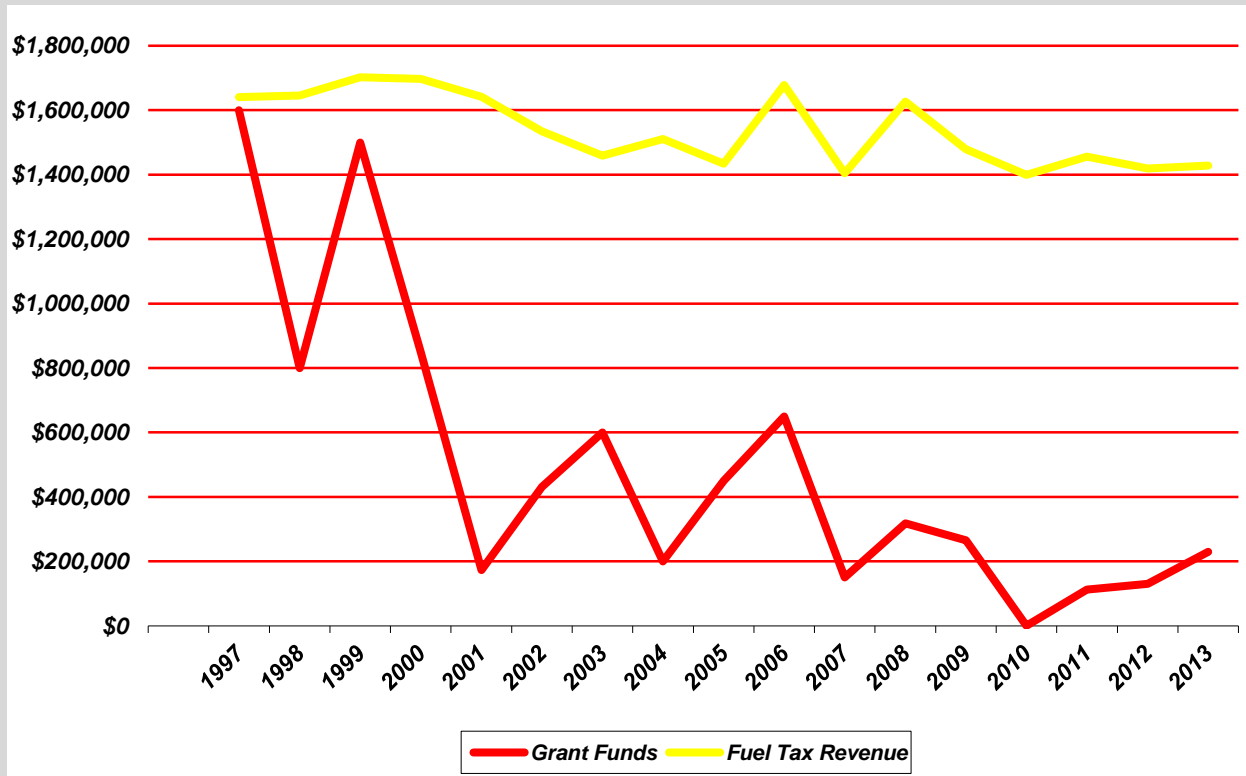


2013 FEDERAL PROJECTS

AIRPORT	FEDERAL GRANT AMOUNT	PROJECT DESCRIPTION
Ainsworth	\$2,057,000	rehabilitate runway 13/31 (asphalt overlay)
Alliance	\$390,000	pavement rehabilitation (engineer services only)
Blair	\$1,380,000	snow removal equipment
Blair	\$184,795	land (tract B)
Broken Bow	\$174,600	airport layout plan
Broken Bow	\$83,000	land (tract 23)
Cambridge	\$349,000	pavement rehabilitation (engineer services only)
Chadron	\$364,800	pavement rehabilitation (engineer services only)
Columbus	\$227,000	land, tract 45
Crete	\$401,000	joint seal & mark
Crete	\$178,000	snow removal equipment
Falls City	\$3,218,000	widen & light rwy, taxi, MITL
Gordon	\$304,825	pavement rehabilitation (engineer services only)
Grand Island	\$1,284,929	terminal building (engineering services only)
Holdrege	\$601,200	rehabilitate runway and taxiway lighting
Imperial	\$324,000	pavement rehabilitation (engineer services only)
Kearney	\$1,686,896	construct fire station
Kearney	\$55,665	wildlife study
Lexington	\$153,665	SRE bldg (total request \$409,500)
Lincoln	\$450,000	pavement rehabilitation (engineer services only)
Lincoln	\$569,800	snow removal equipment (broom)
Loup City	\$1,032,969	extend rwy, turnarounds, taxilane
Nebraska City	\$300,000	grade partial parallel taxiway
Neligh	\$222,000	pavement rehabilitation (engineer services only)
North Platte	\$1,260,763	joint seal 12/30, rehabilitate taxilanes
O'Neill	\$158,500	snow removal equipment
Omaha Eppley	\$10,882,500	rwy 18/36 rehabilitation: phase II construct
Omaha Eppley	\$1,706,250	drainage: phase II construct
Omaha MLE	\$126,000	pavement rehabilitation (engineer services only)
Ord	\$532,022	construct T-hangar with terminal area
Pawnee City	\$142,000	land
Red Cloud	\$189,000	rehabilitate hangar doors
Rushville	\$150,000	hangar look back
Scottsbluff	\$1,621,000	terminal building remodel and expansion
Scottsbluff	\$96,000	boarding ramp
Seward	\$364,378	construct T-hangars
Wayne	\$150,000	hangar look back
York	\$750,000	construct shop hangar

ACCOMPLISHMENTS

STATE GRANTS VS. STATE FUEL TAX REVENUE



2013 - STATE OF NEBRASKA AIRPORT FUNDING

State Grant Funds	Gordon	\$115,000
	Pavement Preservation Program	\$50,000
	Total	\$165,000
2013 Hangar Loan Allocations	Broken Bow – Door Replacement	\$43,750
	Valentine – T-Hangar	\$483,000
	York – 2-Place Hangar	\$173,682
	Total	\$700,432
Hangar Loan Returns (2012 Allocations)	Broken Bow – T-Hangar	(\$208,635)
	Broken Bow – Door Replacement	(\$43,750)
	Valentine	(\$255,160)
	Total	(\$507,545)
Fuel Loan Allocation	Gothenburg	\$12,308.00
	Total	\$12,308.00

ACCOMPLISHMENTS

Pavement Maintenance

Nebraska airports have access to pavement maintenance programs (i.e., crack/joint sealing, pavement marking, & asphalt seal coats) developed as a cost-effective service that enhances airport safety and extends pavement life. In addition, if time permits, the Department provides these services to Nebraska State Parks through the Nebraska Department of Roads. The following is a summary of work completed during 2013.

Crack/Joints Sealed, feet	507,756
Airports Visited for Crack/Joint Sealing	17
State Parks Visited for Crack/Joint Sealing	11
Pavement Marking/Painted, square feet	20,426
Airports Visited for Marking	4

Air Transportation

During 2013, ten (10) state of Nebraska governmental agencies utilized the state-owned aircraft for a total of 243.8 hours, which converts to 42,614 total statute miles. During the period of January 1 thru June 30, the King Air owned by the UNL Foundation was the primary aircraft used for passenger transport. Beginning on July 1, the King Air was listed for sale and the Cheyenne IIXL became the primary aircraft used for passenger transport. The Navajo was used primarily for aerial photo work conducted for the Nebraska Department of Roads (NDOR). The aerial photo flights consisted of one NDA crew member and one NDOR technician. Of the total flight hours (243.8 hours) and mileage (42,614 miles), the Navajo was flown 78.4 hours which covered approximately 13,260 statute miles. A summary of the aircraft operation hours are presented below.

Aircraft	Number	Hours
Cheyenne	774KV	86.9
Navajo	100NE	78.4
KingAir	4NU	44.5
Rental		34.0
		243.8*

*Hours include aircraft maintenance and testing operations, and passenger flights

Airport Directory

During 2013, the Department published 4,000 Airport Directories. The Airport Directory continues to be a very popular publication among pilots and aviation enthusiasts. The directory is published every other year, with the next publication scheduled for distribution by January 2015.

PIREPS

Keeping the aviation community informed of events and local aviation activities has become a method of furthering the Department's goal to, "Encourage and Facilitate the Development and Use of Aviation in Nebraska". PIREPS, a bimonthly general aviation newsletter with 4,000 subscribers, has been a publication of the Department since 1948. It covers Nebraska aviation events as well as important issues affecting the aviation industry in Nebraska.

ACCOMPLISHMENTS

Navigational Aids

Navigational Aids are vital for the safe operation of aircraft in the state. The following is a summary of navigational aids that were operated during 2013.

NEBRASKA WEATHER REPORTING LOCATIONS

ID	LOCATION	FACILITY	AOMC MONITORED	DATED COMMISSIONED	OWNER	FREQUENCY	TELEPHONE NUMBER
KANW	Ainsworth	AWOS III PT		Nov 1, 1995	NDA	118.325	(402)-387-2329
KBVN	Albion	AWOS III PT		August 3, 2004	LOCAL*	118.575	(402)395-2052
KAIA	Alliance	ASOS	X	May 16, 1996	FAA	135.075	(308)-762-1221
KAUH	Aurora	AWOS III PT		July 5, 1991	NDA	121.225	(402) 694-5472
KBIE	Beatrice	AWOS III PT		September 1, 1991	NDA	125.325	(402) 228-3229
KBTA	Blair	AWOS III PT		September 27, 2007	NDA	120.225	(402) 426-0448
KBBW	Broken Bow	ASOS	X	July 29, 1999	FAA	120.000	(308) 872-5354
KCDR	Chadron	ASOS	X	August 30, 2000	FAA	118.050	(308) 432-5574
KOLU	Columbus	AWOS III			FAA	125.525	(402) 563-3895
KFNB	Falls City	ASOS	X	August 30, 2000	FAA	119.275	(402) 245-5948
KFET	Fremont	AWOS III PT		July 5, 1991	NDA	121.275	(402) 727-9135
KGRI	Grand Island	ASOS/ATIS	X	October 1, 1992	NWS	127.4	(308) 382-5590
KHSI	Hastings	ASOS	X	May 30, 1995	FAA	120.525	(402) 463-4029
KHDE	Holdrege	AWOS III PT		April 4, 1991	NDA	121.325	(308) 995-6433
KHJH	Hebron	AWOS III PT		February 24, 2004	LOCAL*	118.525	(402) 768-2501
KIML	Imperial	ASOS	X	June 30, 2000	FAA	124.175	(308) 882-5186
KEAR	Kearney	AWOS III			FAA	123.875	(308) 237-5608
KIBM	Kimball	AWOS III PT		March 11, 2003	NDA	118.075	(308) 235-2516
KLXN	Lexington	AWOS III PT		April 4, 1991	NDA	121.025	(308) 324-5975
KLNK	Lincoln	ASOS/ATIS	X	November 1, 1992	NWS	118.05	(402) 474-9214
KAFK	Nebraska City	AWOS III PT		May 13, 2003	LOCAL*	128.325	(402) 873-7375
KMCK	McCook	ASOS	X	December 4, 1996	FAA	119.025	(308) 345-1193
KMLE	Millard	AWOS III PT		November 20, 1991	NDA	118.250	(402) 895-6778
KOFK	Norfolk	ASOS	X	April 1, 1996	NWS	119.025	(402) 644-4480
KLBF	North Platte	ASOS	X	February 1, 1996	NWS	118.425	(308) 534-1617
KOGA	Ogallala	AWOS III PT		July 5, 1991	NDA	121.275	(308) 284-6573
KOMA	Omaha	ASOS/ATIS	X	February 22, 1996	FAA	120.04	(402) 344-0324
KOFF	Offutt AFB	Observer/ATIS				126.025	
KONL	O'Neill	AWOS III		July 5, 1991	NDA	121.125	(402) 336-4834
KODX	Ord	ASOS	X	August 30, 2000	FAA	119.925	(308) 728-7954
KPMV	Plattsmouth	AWOS III PT		September 26, 2006	LOCAL*	118.975	(402) 298-7524
KBFF	Scottsbluff	ASOS	X	June 1, 1995	NWS	121.025	(308) 632-8949
KSNY	Sidney	ASOS	X	December 14, 1995	FAA	118.025	(308) 254-3525
KTQE	Tekamah	ASOS	X	May 30, 1995	FAA	127.275	(402) 374-2853
KTIF	Theftord	AWOS III PT		April 19, 2004	NDA	120.825	(308) 645-0488
KVTN	Valentine	ASOS	X	October 1, 1995	NWS	118.075	(402) 376-1673
KAHQ	Wahoo	AWOS III P		May 17, 2011	LOCAL*	125.975	(402) 443-4030
KLCG	Wayne	AWOS III PT		June 6, 2005	LOCAL*	120.125	(402) 375-0111
KJYR	York	AWOS III PT		July 12, 2001	NDA	124.175	(402) 362-3785

ASOS: Automated Surface Observation System, AOMC- ASOS Operations and Monitoring Center;
 AWOS III PT: Automated Weather Observation System NWS: National Weather Service Silver Spring, MD
 P: Precipitation; T: Thunderstorm; *Indicates Maintenance Contracted thru NDA

ACCOMPLISHMENTS

NEBRASKA APPROACH PROCEDURES - 2013

APPROACH TYPE & NUMBER OF APPROACHES	
ILS (Instrument Landing System), ILS or LOC	20
LOC (Localizer)	2
VOR (VHF Omni-Directional Range), VOR/DME	62
RNAV(GPS)	161
NDB (Non-Directional Beacon)	65
GPS	2
Airports w/ SIAP's	65

Aviation Art Contest

Since 1986, the Department has co-sponsored an aviation art contest for the benefit of Nebraska's youth. This contest is in conjunction with the Fédération Aéronautique Internationale (FAI), National Association of State Aviation Officials (NASAO), Federal Aviation Administration (FAA), Embry-Riddle Aeronautical University and National Coalition for Aviation and Space Education (NCASE). The program goal is to motivate and encourage young people to become more familiar with and participate in aeronautics, engineering, math and science. There are three categories of contestants, ranging from 6 – 17 years of age. This year there were 211 participants with the theme of "Flying Saves Lives". This was an excellent opportunity for our youth to grab their favorite artist's tools and create a poster celebrating their thoughts about how flying saves lives, i.e. helicopters fly rural accident victims to far away hospitals, pilots use planes and helicopters to fight large fires and relief agencies transport food and water to starving and thirsty people around the globe. After judging is completed at the Nebraska State level, the contest is wrapped up with an awards ceremony to recognize the winners for their accomplishments and provide further opportunity to show off their art work.

The top three entries in the state competition, in each age group, are forwarded to Washington, D.C. to be judged in the national competition. The first, second and third place finishers at the national competition from each age group are forwarded to FAI headquarters in Lausanne, Switzerland for international judging. Winners of the international competition receive gold, silver or bronze medals.

The following is the 2013 list of Nebraska winners and honorable mentions:

Finish	Category I Junior (Age 6-9)		Category II Intermediate (Age 10-13)		Category III Senior (Age 14-17)	
	Name	City	Name	City	Name	City
1st	Lauren Gieselman	Omaha	Creighton Scott	Omaha	Kaycee Buller	Lincoln
2nd	Olivia Schwickerath	Lincoln	Ben Ervin	Omaha	Katrina Ross	Holdrege
3rd	Addison Cotton	Oshkosh	Glinda Jacinto	Grand Island	Claire DeCosta	Papillion

Honorable Mentions:

Makenna Byers, Omaha	Ella Tripe, Hastings	Angela Li, Omaha	Alex Hollman, Verdigre
Justin Fritz, Omaha	Jacob Bajc, Lincoln	Alondra Martinez, Grand Island	Reagan Larsen, Verdigre
Brooklyn Griffiths, North Platte	Daniel Bernhardson, Lincoln	Reese Megli, Alliance	Jessica Reiley, Verdigre
Emily Jonas, Ansley	Alondra Morales Gonz, Omaha	Jenna Mu, Omaha	Breanna Ross, Holdrege
Kamry Kramer, Oshkosh	Savannah Rae Jones, Omaha	Joe Reefer, Omaha	Elisabeth Scott, Lincoln
Lemi Lopisa, Omaha	Eliza Klein, Grand Island	Nathan Versaw, Lincoln	Joshua Sorensen, Omaha
Khyrsten Miranda, Lincoln	Gisel Lazaro, Grand Island	Marysue Collin, Verdigre	Courtney Doherty, Omaha
Bailey Motley, Broken Bow			

2013

ANNUAL REPORT

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2013

ANNUAL REPORT AGENCY RECOGNITION

NDA Manager of the Year



Anna Lannin and Governor Heineman

The 2013 Department of Aeronautics Manager of the Year was Anna Lannin. Anna Lannin was a superb leader, role model and motivator within the Nebraska Department of Aeronautics. Employees respect her dedication as she leads by example. Twice in 2013, the Federal Aviation Administration tasked the Nebraska Department of Aeronautics with two very time sensitive projects. Anna took the lead role in developing and implementing a plan of action. Ms. Lannin was very effective in motivating and coordinating activities with Aeronautics staff and several Nebraska Airport Officials. Due to Ms. Lannin's dedication and tireless efforts, the tasks were completed in a very timely manner without errors and duplication of work. The Federal Aviation

Administration's timelines were met. In addition, the Federal Aviation Administration acknowledged Ms. Lannin's superior efforts in a letter to Mr. Ronnie Mitchell, NDA Director.

NDA Employee of the Year

Mr. Bob Richter was the 2013 Department of Aeronautics Employee of the Year. Bob Richter had been assigned a wide variety of duties throughout his years with the Department of Aeronautics and his work was always high quality, detail orientated, and exceptional. Mr. Richter was highly recommended for this award by his supervisors and peers as he constantly demonstrated outstanding work ethic, motivation and tireless efforts. Bob was instrumental in upgrading the Department's computer systems through very effective communication and coordination with DAS IT personnel. Mr. Richter worked a varying schedule to ensure department staff's daily duties were not interrupted. In addition, Bob maintained his daily project management duties with the same high quality output and never missed a critical deadline. Mr. Richter was an extremely dedicated professional as demonstrated by his exemplary efforts.



Bob Richter and Governor Heineman

Project of the Year

This 2013 award is for several groups of people that worked together to meet a goal. First was the airport sponsor, City of Alma, who identified a need and did not give up on their goal. Second is the project team that includes the city, Olsson Associates (OA), and Federal Aviation Administration (FAA),

AGENCY RECOGNITION

all of whom worked on a tight schedule to make the project work. Finally, this is an award for all the Nebraska airports that gave their entitlement towards Alma's airport project. Many airports pulled together to help meet Alma's needs. Great things can happen in Nebraska when we all work together.

On October 10, 2013, the City of Alma celebrated the grand opening of their new paved runway. It was the final step in a project that had been decades in the making. The city first identified the need for a paved runway in the late 1960's. The first formal request was dated October 1972. It has been a long journey from that first request to the opening of the runway. The city teamed with OA for design and construction phase services. The project consisted of a concrete runway that is 3200' x 60' has medium intensity runway lighting, a beacon, and a wind cone. The contractor, Paulsen Inc., began construction on April 1, 2013 and the project was substantially complete by August 20, 2013.

The city received an AIP grant on August 12, 2012 from the FAA to fund 90% of the construction costs. The grant was funded with non-primary entitlement from Alma and eleven other Nebraska airports.

The NDA recognized the following with certificates for their work on this project: City of Alma: Hal Haeker, mayor; Doug Wilson, city administrator; Doug Walker, attorney; Airport Advisory Board Members: Ron Hawley, Rick Neilson, and Bryan Lubeck; Olsson Associates: Diane Hofer, Jeremy Olson, and Dave Post; Paulsen Inc.: Dennis Sandrock; and all the Nebraska general aviation airports that transferred their entitlement for the Alma project.



L – R: Anna Lannin, Diane Hofer, Ron Hawley, Hal Haeker, Dave Post, Doug Walker, Rick Neilson, Bryan Lubeck

AGENCY RECOGNITION

General Aviation Airport of the Year

The Albion Municipal Airport is in an ideal geographic location for transient aircraft. With easy access, safe approaches and a well-maintained runway, it sees a great deal of transient traffic for a small municipal airport. There are a variety of reasons why transients choose to fly into Albion. The airport maintains access to reasonable fuel prices 24 hours a day, it has a new terminal building, two courtesy cars, automated weather, a pilot lounge, and a kitchen. The community has supported its airport and continues to make improvements. The NDA recognized Albion for winning the general aviation Nebraska Airport of the Year for 2013.



Director Mitchell and Ron Levander

FAR Part 139 Airport of the Year

The Central Nebraska Regional Airport (KGRI), Grand Island, has made great strides to improve its airport and services to the users of its airport. The Central Nebraska Regional Airport had another record-breaking year with 56,902 enplanements for 2013. This broke last year's record by 2%. December was a record-breaking month with 6,162 boardings compared to 6,061 last December. Grand Island has non-stop jet service to Las Vegas and Phoenix/Mesa, and daily service to Dallas, Texas. We would like to congratulate the Central Nebraska Regional Airport and Executive Director Mike Olson for all the hard work to improve its airport.



Front Row L-R: Annette Schimmer, Doug Brown, Debra Potratz, Joe Cook;
Back Row L-R: Mike Olson, Larry Hobbs, Steve Magnuson, Wayne Vian, Russ Skdlart, Brain Quandt

AGENCY RECOGNITION

State Fly-In

Each year the Nebraska Aviation Council (NAC) sponsors an event known as the “State Fly-In” which is held at a different airport each year. To determine which airport will host the fly-in the NAC asks for volunteer airports who have indicated interest in hosting the event. During 2013, the fly-in was hosted by the Alliance Municipal Airport which had hosted the first state fly-in 20 years prior. The fly-in celebrated not only Alliance’s 125th birthday, but, the site itself, as 70 years ago, before the city bought the property, the Alliance Army Airfield Base assumed its role in WWII. The state fly-in was host to a variety of activities, including two scheduled air show demonstrations, a firefighting display, as well as, skydiving demonstrations. This year’s state fly-in was a successful event, due largely to all the work of so many people involved.

