The Kansas Airport System

There is a strong relationship between Kansas’ economy and aviation. The state’s system of seven commercial service and 73 general aviation airports, listed in the National Plan of Integrated Airports System (NPIAS), provide the gateway to the nation’s air transportation system and the world’s economy. Airports support the Kansas economy by increased efficiency and productivity for all business activity, including the transportation of passengers for both recreational and business purposes. Airports are important economic catalysts, supporting thousands of jobs and billions of dollars in economic activity. Most of Kansas’ largest employers – both large and small – rely on the state’s aviation system to transport employees, customers, supplies, and products. Kansas’ 80 NPIAS airports serve as the base of operations for a variety of businesses, including airlines, air cargo companies, flight instructors, charters, concessionaries, government entities, and many others. Kansas tourism industry also depends on the state’s system of airports to accommodate thousands of visitors each year.

Study Process

The Kansas Department of Transportation, Division of Aviation, implemented this study through a Federal Aviation Administration (FAA) grant, to quantify the economic impact and relationship between the state’s system of airports and the economy. The study follows an approved methodology that has successfully quantified the value of airports and airport systems throughout the United States.

The economic contribution of each NPIAS airport in Kansas was measured in terms of employment, payroll, and output. A comprehensive survey process was used to calculate the direct economic benefits related to on-airport businesses and government agencies, including the indirect benefits associated with visitor-related expenditures. Secondary, or induced, impacts from these airport activities were calculated using economic models specific to Kansas. For example, when an airport employee purchases goods and services, those dollars circulate through the local economy which results in additional economic activity in the region. The total economic impact is the sum of all direct, indirect, and multiplier impacts.

Statewide Impacts

Based on information gathered during the study, approximately 91,000 jobs are attributed to the aviation industry, including 42,000 from Aerospace Manufacturing. These employees receive more than $4.4 billion in total payroll, and generate more than $20.5 billion in total economic activity. In addition, the 80 NPIAS airports in Kansas provide a number of health, welfare, and safety benefits, including aerial agricultural spraying, medical transport and evacuation, emergency response, search and rescue, flight training, law enforcement, wildlife management, military training, search and rescue operations, and education.

Impact Measures

**Employment** measures the number of full-time equivalent (FTE) jobs related to airport activity including on-airport construction. A part-time employee counts as half a full-time employee.

**Payroll** measures the total annual wages and benefits paid to all workers whose salaries are directly attributable to airport activity.

**Economic Activity (Output)** measures the value of goods and services related to airports in Kansas. The output from on-airport business activity is assumed to be the sum of annual gross sales and average annual capital expenditures.

### Kansas’ Total Annual Economic Benefits from Aviation

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Total Jobs</td>
<td>91,279</td>
</tr>
<tr>
<td>Total Payroll</td>
<td>$4.4 Billion</td>
</tr>
<tr>
<td>Total Output</td>
<td>$20.6 Billion</td>
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</tbody>
</table>
Augusta Municipal Airport (3AU) is located approximately four miles east of Augusta, Kansas. The airport is included in the FAA’s National Plan of Integrated Airport Systems (NPIAS), making it eligible to receive federal funds.

Additionally, its role within the Kansas Aviation System Plan is identified as a Business airport, which is intended to accommodate local business activities and general aviation users.

3AU is a general aviation airport serving the City of Augusta and the eastern Wichita metropolitan area. The airport’s primary runway is 4,201 feet long and equipped with a non-precision instrument approach.

Several types of activity occur at 3AU including flight training, rotorcraft sales, business transport, emergency medical transport, doctor transport, aerial surveying, air shows, aerial application, and youth outreach programs. Aviation services available include fuel, aircraft maintenance, apron tie-downs, aircraft rental, flight training, and pilot supplies.

Businesses located at the airport include Advanced Research & Technology Group (ARTG), a real estate firm that consults with and subleases space to the National Institute of Aviation Research (NIAR), who conducts structural testing on the KC-135 for the Department of Defense. Schreib-Air Kansas Copters performs helicopter maintenance and flight training. Aerospace Products Company provides windshield and cabin transparency services. Augusta Aircraft and Global Parts is an aircraft maintenance company.

In addition, several businesses not located at the airport rely on 3AU to conduct business, such as R.E. Parker, Inc., One Call Aviation, Signatek, James Gas Corporation, and Midwest Physiatrists, PA.

3AU hosts an annual fly-in and Airport Appreciation Day that draws hundreds to the facility to learn more about aviation.

In addition to educating the community, the airport serves a key role in transporting critically injured patients to trauma centers around the state, via fixed wing aircraft.