



2015



# Individual Airport Summary Report Boire Field



# AVIATION FACILITIES

Boire Field (ASH) is a publicly-owned, public-use general aviation airport in the Merrimack Valley region of New Hampshire (NH). It is classified as a National airport within the NH State Airport System Plan (NHSASP). Located three miles northwest of Nashua, the airport occupies approximately 400 acres. There is one paved runway at ASH, Runway 14-32, which measures 6,000' in length. Runway 14-32 is served by a full parallel taxiway. The airport offers both precision and non-precision instrument approaches to its runway.

The airport has two full-service FBOs, which sell AvGas and Jet A fuel, and provide flight training and aircraft maintenance. The airport has many hangar facilities and tie-down space is available for aircraft storage, a few of which are available for new tenants. A fair amount of aircraft operations at ASH are generated by corporate activity associated with high tech and financial companies in the Greater Nashua area.



## AVIATION SERVICES

- |                      |             |
|----------------------|-------------|
| Flight Instruction   | Parts Sales |
| Charter Services     | AvGas       |
| Courtesy Cars        | Jet A       |
| Aircraft Maintenance |             |
| Avionics Sales       |             |
| Avionics Maintenance |             |

# AVIATION FORECAST

The statewide forecasting effort assessed future airport activity according to the projected number of based aircraft and annual operations expected to occur at the airport. These two factors can be helpful in determining the type, size, and timing of necessary improvements. The bar graph on the right highlights the aviation forecasts for ASH.

Overall, based aircraft are anticipated to decrease from 259 to 244 over the 20-year planning period, while annual operations are expected to decrease slightly over the same time frame.

## AVIATION FORECAST



\* Operations forecast is for general aviation operations only. Military and air taxi operations were excluded.



# AIRPORT ROLE & RECOMMENDATIONS



ASH is one of two airports defined as a National airport in the future airport system that provides the highest level of air access for aviation users and the state's residents. Key attributes of ASH would be the provision of airside and landside facilities capable of accommodating all types of general aviation aircraft that provide a full spectrum of services needed to best serve NH businesses and their customers/clients required for the National role.

ASH is a key business airport in the state serving southern NH and northern Massachusetts. The airport accommodates a wide range of aircraft, including large business aircraft. The airport also has extensive services including flight training, aircraft maintenance, and aircraft handling and storage. The airport's facilities allow aircraft to operate 24/7 and under poor weather conditions, serving as a reliever to Manchester-Boston Regional Airport when needed. The airport is also an important economic generator to the region, supporting on-airport businesses serving aviation, a large business park, and an active restaurant. The airport also serves off-airport businesses in the area, including large national defense manufacturing companies.

The NHSASP has categorized the NH system of airports by the role each plays. Below is a summary list of facilities and services typically found in this airport role and not present at ASH in priority order. This list provides a basis of support for future projects but does not reflect deficiencies at the airport.

## NHSASP-Supported Facility and Service Improvements

<i>Primary Priority</i>	<i>Secondary Priority</i>
<ul style="list-style-type: none"><li>Meets Standards</li></ul>	<ul style="list-style-type: none"><li>Terminal Building - 5,000 SF</li><li>Full-Time On-Site Airport Security</li><li>Intermodal Ground Transportation Options</li><li>Access to US Customs</li><li>Airport Emergency Plan</li></ul>

In addition to these airport improvement projects, there are additional project costs that may be incurred over the next 20 years, funding for which is not guaranteed by NHDOT or FAA. Such additional project costs are related to both capital and non-capital projects identified in airport master plans and/or airport capital improvement plans (ACIP). When combined, ASH ensures the highest level of operational safety and efficient access to serve the needs of aviation users and the state of NH.

Additional projects may include:

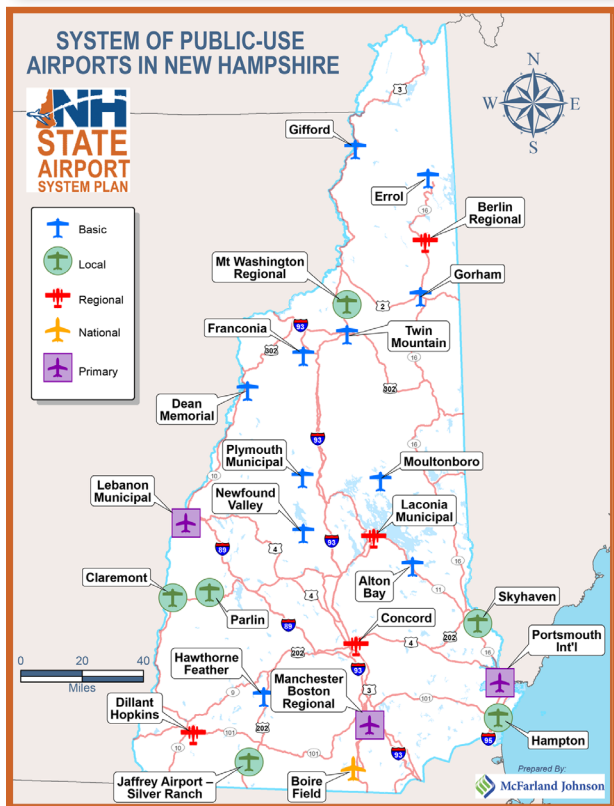
- Additional Airside & Landside Infrastructure
- Pavement Maintenance
- Planning/Environmental/Specialty Studies

ASH is one of 25 airport facilities critical to the aviation component of NH's public transportation infrastructure. Even more importantly, the system contributes to the overall economic development opportunities of the local municipalities and regions each airport serves. Implementing the capital development needs of ASH and the other system airports is crucial to maintaining NH's overall success today and into the future.

# #1

**ASH is the busiest general aviation airport in NH and also has the largest based aircraft fleet of all the state's airports.**

# NEW HAMPSHIRE AIRPORT STATE SYSTEM PLAN



Comprised of 3 commercial service and 22 public-use general aviation airports, the NH airport system consists of 25 facilities that serve the air transportation needs of over 1.3 million NH residents, business users, leisure travelers, and the military. The system is an important contributor to state and local economies, supporting thousands of jobs and generating millions of dollars in state tax revenue.

The NHSASP provides a guide to maintain and develop the system of airports in NH. Maintaining and improving airport infrastructure and facilities will allow NH to continue to meet future aviation demand and support its communities. However, as market demands and socioeconomic conditions vary for every airport, facility and service needs will also differ. The key components of the system plan and airport-specific improvements are summarized in this brochure.

## AVIATION'S ECONOMIC BENEFIT TO NEW HAMPSHIRE

The total economic contribution of aviation in NH is measured by both the state airport system (NHSAS) and aviation-related manufacturing. These components contributed an estimated 12,954 jobs and \$2.16 billion in revenues for NH businesses, and approximately \$32.19 million in state tax revenue.

In addition to economic benefits, the NHSAS provides numerous critical services and qualitative impacts that enhance the quality of life for those who live and work in NH, including medical transportation and evacuation in rural areas, search and

Overview Economic Contribution to NH			
	Total Employment	Total Output	Total Tax Revenue
NH State Airports	9,283	\$1.16 billion	\$27.96 million
Aviation Related	3,671	\$1 billion	\$4.23 million
<b>TOTAL IMPACT</b>	<b>12,954</b>	<b>\$2.16 billion</b>	<b>\$32.19 million</b>

and rescue operations, wildlife management, law enforcement flights, military exercises, and flight training.

## ECONOMIC BENEFIT OF ASH AIRPORT:

The system plan quantifies the total economic impact of each airport in NH. Using a comprehensive survey process, both the direct economic benefits related to on-airport business and tenants, as well as the indirect benefits associated with off-airport visitor-related expenditures, were determined for each system airport. The multiplier effect of these benefits was then computed to gauge the total airport-related impacts. Thus, the total economic impact of ASH is the sum of all direct, indirect, and multiplier impacts. This economic analysis demonstrates that airports and aviation-related businesses support thousands of jobs and pump billions of dollars into the state economy.

### Economic Contribution of this Airport

	Total Employment	Total Payroll	Total Output	Total Tax Revenue
<b>TOTAL IMPACT</b>	<b>353</b>	<b>\$14.99 million</b>	<b>\$40.74 million</b>	<b>\$1.32 million</b>

For more information visit:

<http://www.nh.gov/dot/org/aerorailtransit/aeronautics/documents.htm>