2015

NH Individual Airport Summary Report

Moultonboro Airport

AVIATION FACILITIES

Moultonboro Airport (5M3) is a privately-owned, public-use general aviation airport in the Lakes region of New Hampshire (NH). It is classified as a Local airport within the New Hampshire State Airport System Plan (NHSASP). Located one mile northeast of Moultonborough, the airport occupies approximately 63 acres. There is one asphalt runway at the airport, Runway 2-20, which measures approximately 3,475' in length. The runway has several stub taxiways to aircraft parking areas and there are visual approaches to the runway.

The airport has one FBO that offers AvGas, aircraft maintenance, and aircraft tie-downs. Overall, the airport has several hexagonal hangars and aircraft tiedowns; however, numerous aircraft are based there. A fair amount of aircraft operations at 5M3 are generated by second and third home owners flying to the airport to stay at their homes and visitors using their personal aircraft to vacation in the Lakes region of NH.

AVIATION SERVICES

Terminal Building

Flight Instruction

Aircraft Maintenance

Aircraft Painting

24/7 Self-Serve AvGas

AVIATION FORECAST

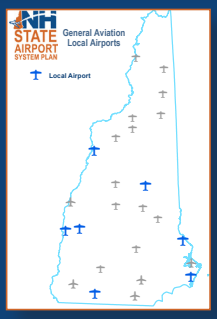
General aviation forecasts assess future airport activity according to the projected number of based aircraft and annual operations expected to occur at the airport. These two factors can be helpful in determining the type, size, and timing of necessary improvements. The bar graph on the right highlights the aviation forecasts for 5M3.

Overall, based aircraft are anticipated to increase from 28 to 31 over the 20-year planning period, while annual operations are expected to increase 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



5M3 is one of seven airports defined as a Local airport in the future airport system, providing vital air access for aviation users in NH. 5M3 was changed from a Basic airport to a Local airport to better serve the facility and service needs of NH's aviation system. Key attributes of 5M3 would be the provision of airside and landside facilities capable of accommodating many types of single- and multi-engine general aviation aircraft. Local airports also provide the aircraft services needed to access surrounding towns that may be farther away from the state's economic centers.

5M3, located on the northern end of Lake Winnipesaukee, is an economic asset and an additional transportation facility in the region that serves as a second airport accessing second/third homes in the region, summer camps and resorts located in and around the lake. The airport's convenient location and easy access to major state routes around the lake makes the airport an attractive alternate to Laconia Municipal Airport. For this reason, 5M3 is one of four airports recommended for a role change in the NHSASP.

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 5M3 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

Primary Priority

- Non-Precision Instrument Approach Procedure
- Posted Emergency Contact Listed

Air Access Gap Priority

- Jet A Fuel Service

Secondary Priortity

- Pavement Strength 12,000 lbs (Single Wheel)
- Runway Lights – Pilot Controlled
- Low Intensity Taxiway Lights
- Vertical Glide Slope Indicator (Primary Runway End)
- Basic Terminal Building – 500 SF
- One Instrument Approach Procedure
- Jet A Fuel Service
- Airport-Owned Snow Removal Equipment
- Snow Removal Equipment Storage Building
- Access to Rental Cars at Airport
- On-Site Weather Reporting System
- 20:1 Clear Approach Slope

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, 5M3 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:

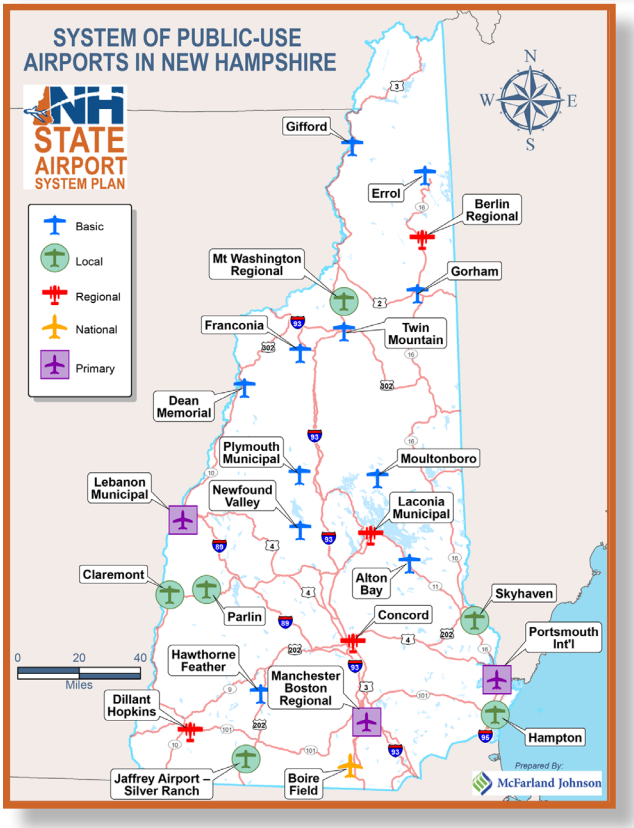
- Additional Airside & Landside Infrastructure
- Pavement Maintenance
- Planning/Environmental/Specialty Studies

5M3 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 5M3 and the other system airports is crucial to maintaining NH's overall success today and into the future.

AIRPARK

5M3 is unique in that residential properties adjacent to the airport have airside access to runways and taxiways, much like an airpark.

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

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
TOTAL IMPACT	12,954	$2.16 billion	$32.19 million

ECONOMIC BENEFIT OF 5M3 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 5M3 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	Travel Payroll	Total Output	Total Tax Revenue
TOTAL IMPACT	7	$240,000	$750,000	$50,000

**Totals represent the 13 non-NPIAS Airports in aggregate*

For more information visit:
http://www.nh.gov/dot/org/aerorailtransit/aeronautics/documents.htm