

Commonwealth of Massachusetts

Executive Office of Environmental Affairs ■ MEPA Office

ENF

Environmental Notification Form

<i>For Office Use Only</i> <i>Executive Office of Environmental Affairs</i>
EOEA No.: <u>14206</u>
MEPA Analyst: <u>Beiony Angus</u>
Phone: 617-626- <u>1029</u>

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: 20 Year Master Plan for Airport Improvements		
Street: Airport Road		
Municipality: Westfield	Watershed: Westfield River	
Universal Transverse Mercator Coordinates:	Latitude: 42°09'27.5" Longitude: 72°42'57.9"	
Estimated commencement date: 2008	Estimated completion date: 2022	
Approximate cost: \$59,053,000	Status of project design: N/A%complete	
Proponent: Westfield- Barnes Airport		
Street: 110 Airport Road		
Municipality: Westfield	State: MA	Zip Code: 01085
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Armand J. Dufresne		
Firm/Agency: Gale Associates, Inc.	Street: 15 Constitution Drive	
Municipality: Bedford	State: NH	Zip Code: 03110
Phone: (603) 471-1887	Fax: (603) 471-1809	E-mail: ajd@gainc.com

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
 Yes No
- Has this project been filed with MEPA before?
 Yes (EOEA No. 6588) No
- Has any project on this site been filed with MEPA before?
 Yes (EOEA No. 6588) No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- a Single EIR? (see 301 CMR 11.06(8)) Yes No
 - a Special Review Procedure? (see 301CMR 11.09) Yes No
 - a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes No
 - a Phase I Waiver? (see 301 CMR 11.11) Yes No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres): Massachusetts Aeronautics Commission, Airport Safety and Maintenance funds \$9,909,935 over 20 years

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify _____) No

List Local or Federal Permits and Approvals: Site Plan Approval (local)

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> Land | <input checked="" type="checkbox"/> Rare Species | <input type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water | <input type="checkbox"/> Wastewater | <input type="checkbox"/> Transportation |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air | <input type="checkbox"/> Solid & Hazardous Waste |
| <input type="checkbox"/> ACEC | <input type="checkbox"/> Regulations | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				<input type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input checked="" type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i> <u>New or amended Conservation and Management Permit (NHESP)</u>
Total site acreage	1,200			
New acres of land altered		8.0		
Acres of impervious area	12.6	9.5	22.1	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage	165,835	74,050	239,885	
Number of housing units	N/A	N/A	N/A	
Maximum height (in feet)	36	0	36	
TRANSPORTATION				
Vehicle trips per day	126	81	207	
Parking spaces	112	45	157	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	390	0	390	
GPD water withdrawal	None (Municipal Water Supply)	N/A	N/A	
GPD wastewater generation/ treatment	2,350 gpd (City Sewer)	0	2,350 gpd	
Length of water/sewer mains (in miles)	0.5	0	0.5	

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

- Yes (Specify _____) No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify _____) No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify NHESP Priority Habitat 73 overlaps the entirety of the Airport property) No

HISTORICAL /ARCHAEOLOGICAL RESOURCES: Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify _____) No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify _____) No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify _____) No

PROJECT DESCRIPTION: The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (*You may attach one additional page, if necessary.*)

This ENF addresses the proposed 20-year program of proposed improvements to the Westfield-Barnes Airport, to be performed as program allows. The project site is a municipally-owned, public-use general aviation airport that serves corporate, business and recreational flyers. In addition, the Airport is home to the MA Air National Guard as well as the MA Army National Guard. The Airport is under the care and custody of the Westfield Airport Commission pursuant to Chapter 90 of the Massachusetts General Laws.

The Airport consists of approximately 1,200± acres of land whose topography is generally flat, with soils consisting of sand and loamy sand. The land surrounding the Airport is primarily developed, occupied by commercial and light industrial uses.

The Airport facilities consist of two paved runways. The primary runway, Runway 2-20, is 9,000 feet long by 150 feet wide. Taxiway "B" South is a 50 foot wide paved taxiway that runs parallel to the southerly portion of Runway 2-20. Taxiway "B" North is a 75 foot wide paved taxiway that runs parallel to the northerly portion of Runway 2-20. The crosswind runway, Runway 15-33 is 5,000 feet long and 100 feet wide with 25-foot wide paved shoulders on each side. Taxiway "A" is a 50 foot wide, paved, full-length parallel taxiway serving Runway 15-33. There are several additional stub and entry/exit taxiways on the Airport that allow aircraft access to airfield facilities. The Airport has several aircraft parking aprons, hangar buildings of various types and sizes, as well as an equipment storage and maintenance facility (SRE), an air traffic control tower and an airport administration building. The Airport and its tenants provide a variety of services including flight instruction, fueling facilities and maintenance facilities, and air taxi and charter services.

The proposed projects covered by this ENF include several airport improvements scheduled for implementation during the years 2008 through 2022. The proposed improvements were identified in the Airport's Airport Master Plan updates (1990 and 2004). These improvements are focused on improving airport safety, compliance with current FAA standards, airport security, and the airport's ability to maintain its financial self-sufficiency. These improvements include:

- Construct standard Runway Safety Areas (RSAs) on Runway 15-33 by shifting the runway

- 300 feet to the northwest and constructing 150' wide by 300' long turf RSAs at each runway end (the runway shift was recommended as a measure to avoid wetland impacts);
- Removal of the 25-foot wide paved shoulders (approximately 5.4 acres of impervious surface) on Runway 15-33
- Improve operational safety on the airfield by constructing two aircraft runup areas, one at the Runway 33 end, and another on Taxiway "B" South;
- Remove pavement and convert the RSAs serving the Runway 2 and 20 runway ends to turf, and construct jet blast pads at each runway end (completed in 2006)
- Construct Taxiway "H" East, approximately 75' wide by 1,050' long with 25' paved shoulders, to connect Taxiway "B" to Taxiway "S" in order to eliminate back-taxi operations on Runway 2-20;
- Remove one 10-unit and one 8-unit T-hangar building, and one 3-unit Hex hangar building and replace with fourteen 6-unit T-hangars buildings, one 2-unit T-hangar building, and construct associated taxilanes (this project is subject to market forces, no proposal currently under consideration);
- Install a windcone and segmented circle at each end of Runway 2-20 (completed in 2006)
- Install a Precision Approach Path Indicator (PAPI) and Runway End Identifier Lights (REILS) for Runway 15;
- Acquire three parcels of land, totaling approximately 16.9 acres, near the Runway 2 end, for potential corporate hangar development;
- Reserve approximately 4 acres for the future construction of apron and helicopter landing areas (this project is subject to market forces, no proposal currently under consideration);
- Reserve approximately 4.8 acres for future construction of an aircraft maintenance center (a proposal to construct an aircraft maintenance center is currently in preliminary stages of planning);

A range of alternative development scenarios was reviewed during the 2004 Airport Master Plan Update with a particular focus on the redevelopment of the T-hangar area and upgrading the Runway 33 end runway safety area.

LAND SECTION – all proponents must fill out this section

I. Thresholds / Permits

- A. Does the project meet or exceed any review thresholds related to land (see 301 CMR 11.03(1))
 Yes No; if yes, specify each threshold:

II. Impacts and Permits

- A. Describe, in acres, the current and proposed character of the project site, as follows:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Footprint of buildings	3.8	1.7	5.5
Roadways, parking, and other paved areas	8.8	7.8	16.6
Other altered areas (describe)	N/A	N/A	N/A
Undeveloped areas	1,187.4	9.5	1,178

- B. Has any part of the project site been in active agricultural use in the last three years?
 Yes No; if yes, how many acres of land in agricultural use (with agricultural soils) will be converted to nonagricultural use? **The former Pomeroy and Sons lease area, an area of approximately 10 acres, was used for agricultural purposes, namely to grow corn, for several years. Approximately 2 years ago, the lessee discontinued this use. This land has now been identified for future non-aeronautical development.**

- C. Is any part of the project site currently or proposed to be in active forestry use?
 Yes No; if yes, please describe current and proposed forestry activities and indicate whether any part of the site is the subject of a DEM-approved forest management plan:

- D. Does any part of the project involve conversion of land held for natural resources purposes in