

# Chapter 2

## Airport Facilities and Infrastructure

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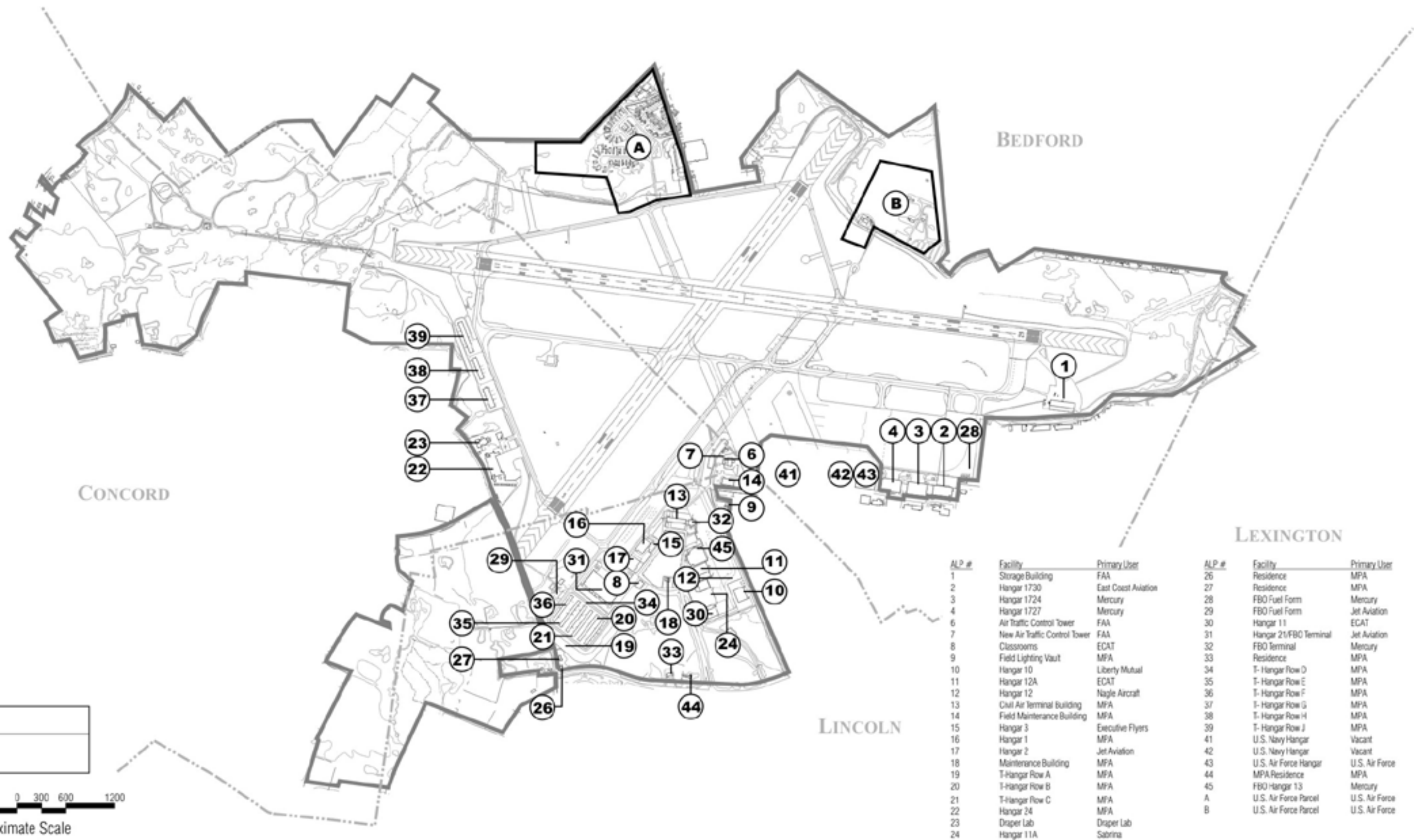
This chapter summarizes information that was included in the *Draft ESRP* for airport facilities and infrastructure and provides responses to scoping elements identified in the MEPA Certificate related to tenant audits. Figure 2-1, which was included in the *Draft ESRP*, presents the location of facilities at Hanscom Field. Updated information for the use and storage of fuel, which was distributed during the public review process, is also provided.

### Summary of the *Draft ESRP*

Several airport facilities have been upgraded since the 1995 *GEIR*. Massport used Best Management Practices (BMPs) to control the storm water impacts of these projects and conducted design reviews to ensure that new facilities improve the quality and character of the airport while minimizing environmental impacts. It is Massport's policy that stormwater runoff after a project will not exceed the stormwater runoff that existed at the particular site prior to construction of the new facility. In 1998, Massport conducted comprehensive environmental compliance audits of all Massport facilities at Hanscom Field and no significant environmental matters were identified. The following summarizes changes in airport facilities since the 1995 *GEIR*.

- Jet Aviation expanded its Fixed Base Operator (FBO) facility by approximately 34,000 square feet, due to increased demand for GA hangar space.
- Mercury Air Center added a 38,000-square-foot hangar with office space to its FBO facilities. Signature Flight Support assumed operation of the Mercury Air Center in July 2002.
- A corporate hangar and one maintenance hangar were developed in the southeast portion of the Terminal Area.
- In response to the resumption of commercial air service at Hanscom Field in 1999 by Shuttle America, Massport reconfigured interior terminal spaces to include a passenger holding area, public seating, and a security checkpoint.
- The Federal Aviation Administration (FAA) began construction of a new air traffic control tower in 2001, which is now operational.
- Massport restriped the parking lot in front of the Civil Air Terminal to provide a pedestrian walkway and improve the delineation of parking spaces.





## Tenant Audit Program

Chapter 9 - Wetlands/Wildlife and Water Quality of the *Draft ESPR* described the tenant audit program at Hanscom Field. Beginning in the late 1980s, Massport has conducted environmental audits for all tenants located at Hanscom Field. The purpose of this program is to ensure that Massport's tenants are operating their businesses in compliance with applicable laws and regulations. Massport works closely with each tenant to ensure that regulatory compliance is achieved and maintained. Any issues raised during the audits are followed up with the tenant until all compliance issues have been resolved. The tenant audits focus on hazardous waste management, water management, storage tank programs, record keeping practices, training requirements and spill response procedures. Additionally, tenants receive information on BMPs which focus on pollution prevention. Since 1995, audits have been required at the following Massport tenant facilities: Mercury Air Center (1995, 1996, and 2000), Executive Flyers (1995 and 2000), Jet Aviation (1997 and 2000), East Coast Aviation (2000), East Coast Aero Tech (2000), and Liberty Mutual (2000). All were audited in 2001 and 2002. Audits are now performed annually at tenant facilities and every other year for Massport operations at Hanscom Field to ensure compliance as part of Hanscom's EMS.

Also, in accordance with the Clean State Initiative (under Executive Order No. 350), Massport conducted voluntary comprehensive environmental compliance audits of all Massport facilities in 1998. The purpose of the audit program was to ensure compliance with all applicable environmental regulations, policies, and procedures and initiate pollution prevention measures for its facilities. No significant environmental issues were identified during the audit. Only minor environmental issues related to hazardous materials/waste container management were noted during the audit and all compliance deficiencies have since been resolved.

## Tank Management Program

Chapter 2 - Airport Facilities and Infrastructure of the *Draft ESPR* described the tank management program at Hanscom Field. Beginning in 1993, Massport instituted a tank management program designed to track the age and physical characteristics of all Massport-owned and fuel storage tanks at Hanscom Field. The purpose of this program is to maintain current tank information and ensure that tanks are in compliance with the current regulatory requirements that dictate the management of aboveground and underground storage tanks.

In 1995, the Massport Environmental Management Unit established a database of all Massport- and tenant-owned tanks identified at Hanscom Field, which totals more than 50 tanks. This regularly-updated database tracks tanks that are either currently in use, been removed, and/or been replaced. Information on tenant tanks is obtained from tank permits filed with the Massport Fire Department. Massport records show that all of its existing tanks are currently in compliance with all applicable state and federal regulations. Massport will continue to monitor the condition of all active tanks to ensure proper functioning and regulatory compliance.

As indicated in Table 2-1, since the 1995 *GEIR*, twelve fuel storage tanks have been removed and 15 fuel tanks have been replaced at Hanscom Field. A current listing of active tanks (29 tanks) at Hanscom Field is provided in Table 2-2. This table includes information from the *Draft ESPR* and additional information about more recent changes in status that was prepared and distributed during the public review process.

**Table 2-1 Underground and Aboveground Storage Tanks Removed/Replaced Since 1995**

<b>Tank I.D.</b>	<b>Tank Owner</b>	<b>Tank Operator</b>	<b>Tank Location</b>	<b>Contents</b>	<b>Volume (Gallons)</b>	<b>Date Removed</b>	<b>Replacement Tank ID</b>
HANBM-002	MPA	MPA	Field Maintenance Garage	D	6,000	7/20/98	HANAM-0042
HANBM-003	MPA	MPA	Field Maintenance Garage	N2	6,000	8/1/98	HANBM-0043
HANBM-004	MPA	MPA	Field Maintenance Garage	UG	4,000	8/1/98	HANBM-0044
HANBM-005	MPA	MPA	Field Maintenance Garage	UG	4,000	8/1/98	HANBM-0045
HANBM-006	MPA	MPA	Field Maintenance Garage	WO	550	3/1/95	HANBM-0034
HANBT-008	Jet Aviation	Jet Aviation	Fuel Farm/Hanscom	K	20,000	11/1/96	Removed
HANBT-009	Jet Aviation	Jet Aviation	Fuel Farm/Hanscom	K	20,000	11/1/96	Removed
HANBT-0011	Jet Aviation	Jet Aviation	Fuel Farm/Hanscom	AG	10,000	3/1/97	Removed
HANBT-0012	Jet Aviation	Jet Aviation	Fuel Farm/Hanscom	AG	10,000	3/1/97	Removed
HANBT-0013	Jet Aviation	Jet Aviation	Fuel Farm/Hanscom	UG	10,000	3/1/97	Removed
HANBT-0014	Jet Aviation	Jet Aviation	380 Hanscom Dr.	WO	40,000	3/1/97	Removed
HANBT-0015	FAA	FAA	ATCT	D	515	8/1/95	HANBT-0046
HANBT-0016	Beechcraft	Beechcraft	No location provided	JA	25,000	1/18/95	Removed
HANAT-0028	Mercury Air	Mercury Air	Fuel Farm/Hanscom	K	10,000	1/25/02	Removed
HANAT-0029	Mercury Air	Mercury Air	Fuel Farm/Hanscom	K	8,000	1/25/02	Removed
HANAT-0030	Mercury Air	Mercury Air	Fuel Farm/Hanscom	UG	6,000	1/25/02	Removed
HANAT-0031	Mercury Air	Mercury Air	Fuel Farm/Hanscom	UG	8,000	1/25/02	Removed
HANAM-0034	MPA	MPA	Field Lighting Vault	D	500	8/17/98	Removed
HANAM-0035	MPA	MPA	Field Lighting Vault	D	300	9/25/98	HANAM-0042
HANAM-0036	MPA	MPA	76 Old Bedford Rd.	D	275	5/31/00	HANAM-0042
HANAT-0039	Jet Aviation	Jet Aviation	380 Hanscom Dr.	JA	12,000	12/15/98	HANAT-0051
HANAT-0052	Mercury Air	Mercury Air	East Ramp	JA	15,000	7/23/02	HANAT-0063
HANAT-0053	Mercury Air	Mercury Air	160 Hanscom Dr.	D	180	7/23/02	HANAT-0064
HANAT-0055	Mercury Air	Mercury Air	East Ramp	AG	10,000	7/23/02	HANAT-0060
HANAT-0056	Mercury Air	Mercury Air	East Ramp	UG	10,000	7/23/02	HANAT-0061
HANAT-0057	Mercury Air	Mercury Air	East Ramp	D	10,000	7/23/02	HANAT-0062
HANAT-0058	Mercury Air	Mercury Air	East Ramp	K	15,000	7/23/02	HANAT-0059

Sources: Massport Environmental Unit

Notes:

AG: Aviation Fuel

D: Diesel Fuel

JA: Jet A

K: Kerosene

N2: No. 2 Fuel Oil

UG: Gasoline

WO: Waste Oil

WOS: Oil/Water

HANAT: Hanscom Aboveground Tank - Tenant

HANBT: Hanscom Underground Tank - Tenant

HANAM: Hanscom Aboveground Tank - Massport

HANBM: Hanscom Underground Tank - Massport

**Table 2-2 Existing Underground and Aboveground Storage Tanks - Hanscom Field**

<b>Tank I.D.</b>	<b>Tank Owner</b>	<b>Tank Operator</b>	<b>Tank Location</b>	<b>Date Installed</b>	<b>Contents</b>	<b>Volume (Gallons)</b>	<b>Date Registered</b>
HANAM-0027	MPA	MPA	N.End, Pinehill T-Hangar	1/1/90	D	275	4/23/03
HANAM-0032	MPA	MPA	N.End of T-Hangar	1/1/84	D	100	4/23/03
HANAM-0033	MPA	MPA	72 Old Bedford Rd	1/1/65	N2	275	4/23/03
HANAM-0037	MPA	MPA	81 Virginia Rd.	1/1/95	N2	275	4/23/03
HANAM-0042	MPA	MPA	Field Maintenance Garage	7/27/98	D	500	8/18/98
HANAT-0040	Liberty Mutual	Liberty Mutual	175 yards East of Hanscom Dr.	2/18/92	JA	10,000	6/23/98
HANAT-0041	Liberty Mutual	Liberty Mutual	175 yards East of Hanscom Dr.	2/18/92	JA	10,000	6/23/98
HANAT-0047	Jet Aviation	Jet Aviation	380 Hanscom Dr.	10/1/98	JA	20,000	2/16/99
HANAT-0048	Jet Aviation	Jet Aviation	380 Hanscom Dr.	10/1/98	JA	20,000	2/16/99
HANAT-0049	Jet Aviation	Jet Aviation	380 Hanscom Dr.	10/1/98	AG	12,000	2/16/99
HANAT-0050	Jet Aviation	Jet Aviation	380 Hanscom Dr.	10/1/98	UG	3,000	2/16/99
HANAT-0051	Jet Aviation	Jet Aviation	380 Hanscom Dr.	11/1/98	WOS	1,000	2/16/99
HANAT-0054	Sabrina Fisheries	Sabrina Fisheries	140 Hanscom Dr.	10/25/01	D	1,065	12/3/01
HANAT-0059	Signature Flight Support	Signature Flight Support	East Ramp	4/8/02	K	15,000	7/23/02
HANAT-0060	Signature Flight Support	Signature Flight Support	East Ramp	4/8/02	AG	10,000	7/23/02
HANAT-0061	Signature Flight Support	Signature Flight Support	East Ramp	4/8/02	UG	6,000	7/23/02
HANAT-0062	Signature Flight Support	Signature Flight Support	East Ramp	4/8/02	D	6,000	7/23/02
HANAT-0063	Signature Flight Support	Signature Flight Support	East Ramp	7/23/02	JA	15,000	7/23/02
HANAT-0064	Signature Flight Support	Signature Flight Support	160 Hanscom Dr.	7/23/02	D	180	7/23/02
HANBM-0001	MPA	MPA	Civil Air Terminal	1/1/86	N2	10,000	7/23/01
HANBM-0026	MPA	MPA	Building Maintenance Shop	10/6/94	N2	1,000	1/31/03
HANBM-0038	MPA	East Coast Aero Tech	150 Hanscom Dr.	3/11/97	N2	6,000	12/16/98
HANBM-0043	MPA	MPA	Field Maintenance Garage	7/28/98	UG	6,000	8/18/98
HANBM-0044	MPA	MPA	Field Maintenance Garage	7/28/98	N2	6,000	8/18/98

**Table 2-2 Existing Underground and Aboveground Storage Tanks - Hanscom Field (cont.)**

<b>Tank I.D.</b>	<b>Tank Owner</b>	<b>Tank Operator</b>	<b>Tank Location</b>	<b>Date Installed</b>	<b>Contents</b>	<b>Volume (Gallons)</b>	<b>Date Registered</b>
HANBM-0045	MPA	MPA	Field Maintenance Garage	7/28/98	D	6,000	8/18/98
HANBT-0020	MPA (Formerly MIT)	MPA (Formerly MIT)	711 Virginia Rd.	1/1/85	N2	4,000	7/6/98
HANBT-0021	MPA (Formerly MIT)	MPA (Formerly MIT)	711 Virginia Rd.	1/1/88	N2	6,000	7/6/98
HANBT-0046	FAA	FAA	ATCT	8/1/95	D	600	9/8/98
HANBT-0022	MPA (Formerly MIT)	MPA (Formerly MIT)	711 Virginia Rd.	1/1/88	UG	1,000	7/6/98

Sources: Massport Environmental Unit

Notes:

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