BOSTON DOWNTOWN INSET

HELICOPTER ROUTE CHART
BOSTON
LEGEND

BOSTON

Consult Airport/Facility Directory (A/FD) for details involving airport lighting, navigation aids and services. All times are local. For additional symbol information refer to the Chart User's Guide.

AIRPORTS

- Hard-surfaced runways 1500 ft. or greater
- Open dot within hard-surfaced runway configuration indicates approximate VOR, VOR-DME, or VORTAC location.
- All recognizable hard-surfaced runways, including those closed, are shown for visual identification.
- Other than hard-surfaced public use
- Private use

HELIPORTS

- Heliports - public and private
- Hospital Helipads
- Trauma Center
- Helipads located at major airports
- Rotating airport beacon in operation Sunset to Sunrise

OBJECTIONABLE - Airport may adversely affect airspace use.

OTHER

- Ultralight Flight Park Selected
- Seaplane Base

AIRPORT DATA

Box indicates FAR 93 Special Air Traffic Rules & Airport Traffic Patterns. — NAME (NAM) (PNAM)

FSS — NO SVFR — FAR 91 — Location Identifier — ICAO Location Indicator shown outside contiguous U.S.

CT - 118.3 ★ Ⓒ ATIS 123.8

285 L 122.95 — UNICOM

Unverified Heliport — (Unverified)

Airport of Entry — AOE

FSS - Flight Service Station

NO SVFR - Fixed-wing special VFR flight is prohibited.

CT - 118.3 - Control Tower (CT) - primary frequency

★ - Star indicates operation part-time. See tower frequencies tabulation for hours of operation.

Ⓒ - Follows the Common Traffic Advisory Frequency (CTAF)

ATIS 123.8 - Automatic Terminal Information Service

ASOS/AWOS 135.42 - Automated Surface Weather Observing Systems (shown where full-time ATIS not available). Some ASOS/AWOS facilities may not be located at airports.

UNICOM - Aeronautical advisory station

285 - Elevation in feet

L - Lighting in operation Sunset to Sunrise

*L - Lighting limitations exist; refer to Airport/Facility Directory.

When information is lacking, the respective character is replaced by a dash. Lighting codes refer to runway edge lights.

RADIO AIDS TO NAVIGATION AND COMMUNICATION BOXES

- VHF OMNI RANGE (VOR)
- VORTAC
- VOR-DME
- Other facilities, i.e., FSS Outlet, RCO, etc.
- Non-Directional Radio Beacon (NDB)
- NDB - DME

122.1R 122.6 123.6 — OAKDALE — 362★ 116.4 OAK

122.1R — CHICAGO CHI

Underline indicates no voice on frequency.

- Crosshatch indicates Shutdown status.

★ - Operates less than continuous or On-Request.

Ⓐ - ASOS/AWOS

Ⓗ - HIWAS

FSS radio providing voice communication — 122.1R — MIAMI

Heavy line box indicates Flight Service Station (FSS). Frequencies 121.5, 122.2, 243.0 and 255.4 are available at many FSSs and are not shown above boxes. All other frequencies are shown.

Certain FSSs provide Airport Advisory Service, see A/FD.

R - Receive only

Frequencies above thin line box are remoted to NAVAID site. Other FSS frequencies providing voice communication may be available as determined by altitude and terrain. Consult Airport/Facility Directory for complete information.

AIRPORT TRAFFIC SERVICE AND AIRSPACE INFORMATION

Only the controlled and reserved airspace effective below 18,000 ft. MSL are shown on this chart.

HELICOPTER ROUTES

PRIMARY — MARRIOTT — 118.3 — Compulsory — Non - Compulsory

SECONDARY OR MILITARY — Route Name — Tower Frequency — Arrow indicates One-way Route — Altitude Changeover Point — Reporting or Holding Points

TRANSITION

POLICE ZONES — ZONE 1 500 Maximum Altitude

Recommended Route Altitude: 500 Minimum — 500 Maximum — 500 Recommended

- Class B Airspace
- Class C Airspace (Mode C - see FAR 91.215/AIM.)
- Class B/Class C Airspace Surface Area
- MODE C (See FAR 91.215/AIM.)
- Class D Airspace
- 40 — Ceiling of Class D Airspace in hundreds of feet (A minus ceiling value indicates surface up to but not including that value.)
- Class E (sfc) Airspace
- IR211 — MTR - Military Training Route
- Prohibited, Restricted, and Warning Areas
- Alert Area and MOA - Military Operations Area
- Special Airport Traffic Area (See FAR 93 for details.)
- ADIZ - Air Defense Identification Zone

OBSTRUCTIONS

1000 ft and higher AGL — Below 1000 ft AGL — Wind Turbine

Wind Turbine Farm — 2894' UC

Group Obstruction

Elevation of the top above mean sea level — 2049

Height above ground — (1149)

Under construction or reported; position and elevation unverified — UC

Obstruction with high-intensity lights; may operate part-time

NOTICE: Guy wires may extend outward from structures.

TOPOGRAPHIC INFORMATION

- Power Transmission Line
- Aerial Cable
- Lookout Tower 618 (Elevation Base of Tower)

HARVARD STADIUM — Pictorial Symbol

MISCELLANEOUS

- Hang Glider Activity
- Ultralight Activity
- Glider Operations
- Unmanned Aircraft Activity
- VPXYZ — VFR Waypoints (See chart tabulation for latitude/longitude.)
- NAME (VPXYZ)
- Parachute Jumping Area (See Airport/Facility Directory.)

BOSTON HELICOPTER

HELICOPTER ROUTE CHART SCALE 1:125,000

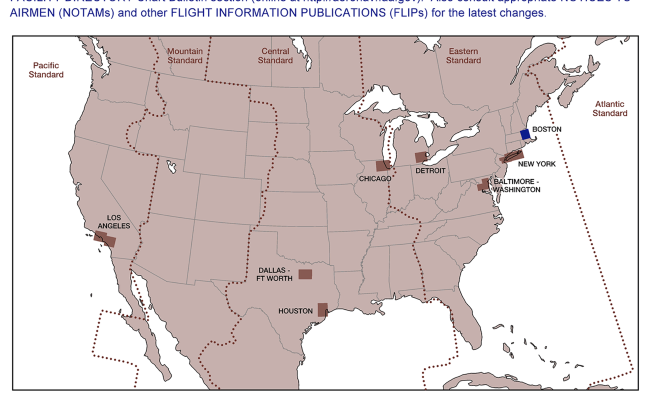
Federal Aviation Administration

7TH EDITION EFFECTIVE 0901Z **13 NOV 2014**

Chart will become OBSOLETE FOR USE IN NAVIGATION upon publication of the next edition. See Dates of Latest Editions

Includes airspace amendments effective **13 NOV 2014** and all other aeronautical data received by **18 SEP 2014**

Information on this chart will change; consolidated updates of chart changes are available every 56 days in the AIRPORT/FACILITY DIRECTORY Chart Bulletin section (online at http://aeronav.faa.gov). Also consult appropriate NOTICES TO AIRMEN (NOTAMs) and other FLIGHT INFORMATION PUBLICATIONS (FLIPs) for the latest changes.



PUBLISHED IN ACCORDANCE WITH INTERAGENCY AIR CARTOGRAPHIC COMMITTEE SPECIFICATIONS AND AGREEMENTS, APPROVED BY: DEPARTMENT OF DEFENSE * FEDERAL AVIATION ADMINISTRATION

Warning: Refer to current foreign charts and flight information publications for information within foreign airspace.

FAA Product ID: HELBOS

NSN 7641014104529

NGA REF. NO. HELOXBOSTONVFR

EFF. DATE 14317

CONTROL TOWER FREQUENCIES ON BOSTON HELICOPTER ROUTE CHART

Airports with control towers are indicated on the face of the chart by the letters CT followed by the primary VHF local control frequency(ies). Information for each tower is listed in the table below. Operational hours are local time. The primary VHF and UHF local control frequencies are listed. An asterisk (*) indicates the part-time tower frequency is remoted to a collocated full-time FSS for use as Airport Advisory Service (AAS) during hours the tower is closed. The primary VHF and UHF ground control frequencies are listed.

Automatic Terminal Information Service (ATIS) frequencies shown on the face of the chart are primary arrival VHF/UHF frequencies. All ATIS frequencies are listed in the table below. ATIS operational hours may differ from tower operational hours.

"MON-FRI" indicates Monday through Friday.

O/T indicates other times

CONTROL TOWER	OPERATES	TWR FREQ	GND CON	ATIS
BEVERLY	0700-2100 15 MAY-31 OCT; 0700-2000 1 NOV - 14 MAY	125.2	121.6	119.2
HANSCOM	0700-2300	118.5 257.2	121.7	124.6
LAWRENCE	0700-2200	119.25	124.3	126.75
LOGAN INTL	CONTINUOUS	128.8 257.8 124.725 (HELI)	121.9	ARR 135.0 DEP 127.875
NORWOOD MEML	0700-2000 1 NOV-30 APR; 0700-2200 1 MAY - 31 OCT	126.0	121.8	119.95

CLASS B, CLASS C, TRSA AND SELECTED APPROACH CONTROL FREQUENCIES

FACILITY	FREQUENCIES	SERVICE AVAILABILITY
BOSTON CLASS B	124.4 279.6 (270°-090°) 124.1 263.1 (091°-269°)	CONTINUOUS

ATTENTION

THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF). The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions(trees, towers,antennas,etc.).

Example: 12,500 feet .... 12^5

REPORTING CHART ERRORS

You are requested to inform us of chart errors and/or additions that come to your attention while using this chart. Telephone toll free at 1-800-626-3677, or email us at 9-AMC-Aerochart@faa.gov. Frequently asked questions (FAQs) are answered on our website at http://aeronav.faa.gov. See the FAQs prior to contact via toll free number or email. Where delineation of data is required, such information should be depicted clearly and accurately on a current chart, and a replacement copy will be returned. Mail to: FAA, AeroNav Products, SSMC-4 Sta. #4503, 1305 East West Highway, Silver Spring, MD 20910-3281.

Lambert Conformal Conic Projection Standard Parallels 42°05' and 42°45'
Horizontal Datum: North American Datum of 1983 (World Geodetic System 1984)

Published by the U.S. Department of Transportation
Federal Aviation Administration
AeroNav Products
http://aeronav.faa.gov

Class G Airspace within the United States extends up to 14,500 feet MSL. At and above this altitude all airspace is within Class E Airspace, excluding the airspace less than 1500 feet above the terrain and certain special use airspace areas.

Features normally used as checkpoints for controlling VFR traffic are emphasized on this series of charts so they may be readily identified.

Example: POWER PLANT

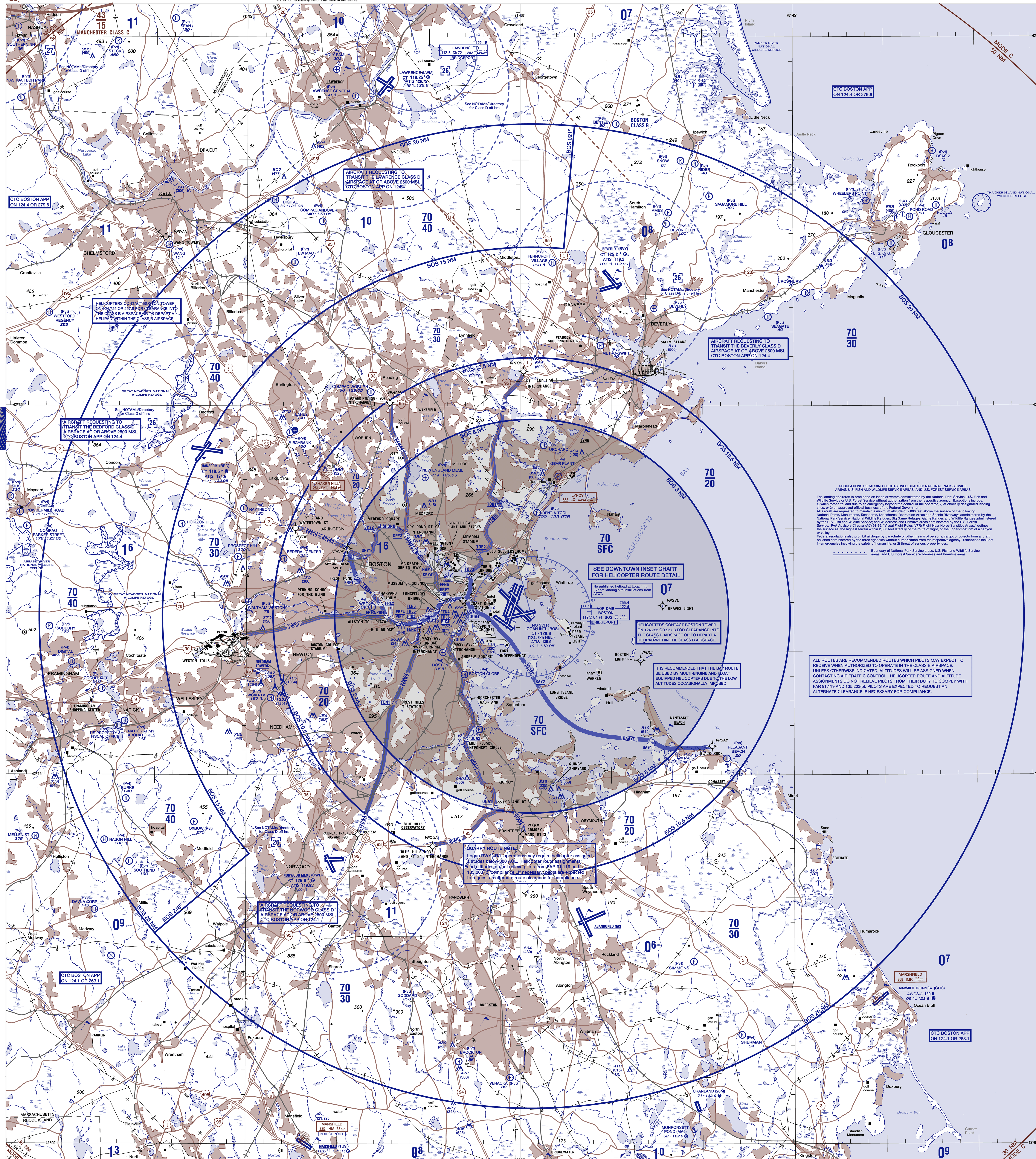
The name shown is that used by the controlling personnel and is not necessarily the official name of the feature.

EXAMPLES OF CLASS B ALTITUDES

70 — Ceiling in hundreds of feet MSL
30 — Floor in hundreds of feet MSL

CAUTION: This chart is primarily designed for VFR navigational purposes and does not purport to indicate the presence of all power transmission and telecommunication lines, terrain or obstacles which may be encountered below reasonable and safe altitudes.

FOR PROCUREMENT: Contact an Authorized FAA Chart Sales Agent. Visit our website at http://aeronav.faa.gov for a listing of agents near you (paper products) or for direct purchase (digital products).



BOSTON TERMINAL AREA ROUTE DESCRIPTIONS AND COORDINATES

Bay Route (BAAYE)

Southern end of Nantasket Beach at offshore rocks, cross inlet to Worlds End, via the coastline to the Long Island Bridge then to channel to the Coast Guard Station. Note: It is recommended that the Bay Route be used by multi-engine and float equipped helicopters due to the low altitudes occasionally imposed.

VPBAY	Black Rock	N42°16.17'	W70°49.48'
Bay1	Worlds End	N42°16.43'	W70°52.87'
Bay2	Long Is Bridge	N42°18.50'	W70°58.90'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Fenway Route (FENWA)

NOTE: Entry point is within the Norwood Class D airspace. CONTACT NORWOOD TOWER ON FREQ. 126.0.

At the intersection of I-95 and I-93 and the railroad tracks. Follow the railroad tracks to the Fens (passing over the Fens east of Fenway Park and west of the Prudential building). Joining the Turnpike Route.

VPFEN	Railroad Tracks/I-95 & I-93	N42°12.58'	W71°08.88'
Fen1	Forest Hills T Station	N42°17.95'	W71°06.88'
Fen2	Fenway Turnpike Interchange	N42°21.07'	W71°05.55'
(Join Turnpike Route)			
Fen3	Mass Ave Bridge	N42°21.23'	W71°05.50'
Fen4	Longfellow Bridge	N42°21.68'	W71°04.57'
Fen5	Museum of Science	N42°22.05'	W71°04.30'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Fresh Pond Route (FRESH)

NOTE: Entry point is just outside the Hanscom Class D airspace. Contact HANSCOM TOWER ON FREQ. 118.5.

At Rte 2 and Watertown Street Exit in Lexington. (Also Spy Pond Route). Follow Rte 2 to the southwestern edge of Spy Pond, then direct to Harvard Stadium Athletic fields, then direct to Allston Toll Plaza on I-90, then join Turnpike Route.

VPFRE	Rte 2/Watertown St	N42°25.03'	W71°12.32'
VPSPF	Spy and Fresh Split	N42°24.20'	W71°09.47'
Fre1	Fresh Pond	N42°23.02'	W71°08.98'
Fre2	Harvard Stadium	N42°21.98'	W71°07.65'
Fre3	Allston Toll Plaza	N42°21.45'	W71°07.32'
Fre4	B U Bridge	N42°21.15'	W71°06.68'
Fre5	Mass Ave Bridge	N42°21.23'	W71°05.50'
Fre6	Longfellow Bridge	N42°21.68'	W71°04.57'
Fre7	Museum of Science	N42°22.05'	W71°04.30'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Hampshire Route (HAMPS)

At the intersection of I-93 and I-95 in Woburn. Follow I-93 to the Charles River then join the Turnpike Route.

VPHAM	I-93 and Rte 128 (I-95) Interchange	N42°30.13'	W71°07.15'
Ham1	Mc Grath Obrien Hwy	N42°23.60'	W71°05.17'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Quarry Route (QUARE)

VPQUA begins at Rte 24 and I-93, then to Rte 3 and I-93 in Braintree. VPQUB begins at Rte 3 and Union St (Armory), then to Rte 3 and I-93 in Braintree. Follow the Expressway to the Mass Ave interchange, then along the Fort Point Channel to the Coast Guard Station.

VPQUA	Blue Hills, I-93 & Rte 24 Interchange	N42°12.10'	W71°04.78'
VPQUB	Armory & Rte 3	N42°12.60'	W70°59.83'
Qua1	I-93 & Rte 3	N42°13.70'	W71°01.32'
Qua2	MILTT (LOM)	N42°16.43'	W71°02.95'
Qua3	Mass Ave Intersection	N42°20.75'	W71°03.68'
Qua4	Fort Point Channel	N42°21.30'	W71°02.90'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Spy Pond Route (SPOND)

NOTE: Entry point is just outside the Hanscom Class D airspace. Contact HANSCOM TOWER ON FREQ. 118.5.

At Rte 2 and the Watertown Street Exit in Lexington. (Also the Fresh Pond Rte). Follow Rte 2 to Rte 16 the Alewife Brook Parkway to I-93 and join the Hampshire Route.

VPFRE	Rte 2/Watertown St	N42°25.03'	W71°12.32'
VPSPF	Spy and Fresh Split	N42°24.20'	W71°09.47'
Spy1	Alewife T Station	N42°23.87'	W71°08.53'
Spy2	Alewife Brook	N42°24.90'	W71°07.92'
Spy3	Spy Pond/Rte 93 Interchange	N42°24.82'	W71°06.27'
Spy4	Mc Grath Obrien Hwy	N42°23.60'	W71°05.17'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Tobin Route (TOBIN)

At the intersection of Rte 1 and I-95 in Lynnfield. Follow Rte 1 to the Mystic River Tobin Bridge, then along the Inner Harbor to the Coast Guard Station.

VPTOB	I-95 & Rte 1 Interchange	N42°31.42'	W70°59.82'
Tob1	Circle/Theater Complex	N42°25.82'	W71°01.08'
Tob2	Memorial Stadium	N42°24.02'	W71°02.33'
Tob3	Tobin Bridge	N42°23.10'	W71°02.87'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Turnpike Route (PIKER)

At the intersection of I-90 and I-95 Weston Tolls. Follow the Mass Turnpike to the Allston Toll Plaza, then along the Charles River and the Inner Harbor to the Coast Guard Station.

VPPIK	Weston Tolls	N42°20.37'	W71°15.93'
Pik1	Allston Toll Plaza	N42°21.45'	W71°07.32'
Pik2	B U Bridge	N42°21.15'	W71°06.68'
Pik3	Mass Ave Bridge	N42°21.23'	W71°05.50'
Pik4	Longfellow Bridge	N42°21.68'	W71°04.57'
Pik5	Museum of Science	N42°22.05'	W71°04.30'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

CAUTION: ROUTES DEPICTED AND ALTITUDES ASSIGNED DO NOT PROVIDE OBSTACLE CLEARANCE PROTECTION. PILOTS ARE RESPONSIBLE FOR SEEING AND AVOIDING TERRAIN AND OBSTACLES. THIS CHART DOES NOT DEPICT COMPLETE OBSTACLE INFORMATION DUE TO THE HIGH CONCENTRATION OF OBJECTS IN THE AREA. OBSTACLES AND OTHER FEATURES SUCH AS POWER TRANSMISSION LINES AND PROMINENT STRUCTURES ARE DEPICTED FOR LANDMARK VALUE ONLY.

CAUTION: NUMEROUS CONSTRUCTION CRANES THROUGHOUT THE BOSTON AREA.

PILOTS ARE ENCOURAGED TO "FLY FRIENDLY" AND USE THE RECOMMENDED HELICOPTER ROUTES AT THE MAXIMUM ALTITUDES ASSIGNED. THESE ROUTES WERE ESTABLISHED, IN PART, OVER LOW POPULATION AREAS TO MINIMIZE NOISE TO UNDERLYING COMMUNITIES.

NORTH AMERICAN AEROSPACE DEFENSE COMMAND (NORAD) PROCEDURES

All aircraft operating in the U.S. national airspace, if capable, will maintain a listening watch on guard frequencies VHF 121.5 or UHF 243.0. It is incumbent upon all aviators to know and understand their responsibilities if intercepted. Review "AIM" section 5-6-2 for intercept procedures. Additionally, if U.S. military fighter jets intercept an aircraft and flares are dispensed in the area of that aircraft, aviators will pay strict attention, contact air traffic control immediately on the local frequency or on VHF guard 121.5 or UHF 243.0 and follow the interceptor visual ICAO signals. Be advised that non-compliance may result in the use of force.

CAUTION: GPS accuracy necessitates extra vigilance for other aircraft when navigating near any fix retrieved from a GPS database

BOSTON VFR WAYPOINTS

VFR Waypoint names consist of five letters beginning with "VP". Stand-alone VFR Waypoints are portrayed on VFR Charts using the same four-point star symbol currently used for Instrument Flight Rules (IFR) Waypoints.

VFR Waypoints collocated with Visual Checkpoints (Visual Reporting Points) are portrayed with a Checkpoint flag. The VFR Waypoint name is shown in parentheses adjacent to the Visual Checkpoint name.

VFR Waypoint names are not intended to be pronounceable and shall not be used in ATC Communications.

VPBAY	N42°16.17' / W070°49.48'
VPBLT	N42°19.67' / W070°53.40'
VPCGS	N42°22.08' / W071°03.13'
VPEVS	N42°23.52' / W071°04.10'
VPFEN	N42°12.58' / W071°08.88'
VPFRE	N42°25.03' / W071°12.32'
VPGVL	N42°21.88' / W070°52.18'
VPHAM	N42°30.13' / W071°07.15'
VPPIK	N42°20.37' / W071°15.93'
VPQUA	N42°12.10' / W071°04.78'
VPQUB	N42°12.60' / W070°59.83'
VPSPF	N42°24.20' / W071°09.47'
VPTOB	N42°31.42' / W070°59.82'
VPWAN	N42°36.88' / W071°19.45'

BOSTON DOWNTOWN

SCALE 1:50,000

CONTROL TOWER FREQUENCIES ON BOSTON HELICOPTER ROUTE CHART

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O/T indicates other times.

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LAWRENCE	0700-2200	119.25	124.3	126.75
TOGGIN INTL	CONTINUOUS	128.8 257.8 124.725 (HELI)	121.9	ABB 135.0 DEP 127.875
NORWOOD MEML	0700-2000 1 NOV-30 APR; 0700-2200 1 MAY - 31 OCT	126.0	121.8	119.95

CLASS B, CLASS C, TRSA AND SELECTED APPROACH CONTROL FREQUENCIES

FACILITY	FREQUENCIES	SERVICE AVAILABILITY
BOSTON CLASS B	134.4 279.6 (070°-290°) 124.1 263.1 (291°-069°)	CONTINUOUS

HELIPORTS & AIRPORTS WITHIN 20 NM CLASS B RING

City	Facility Name	LATITUDE	LONGITUDE
Andover	Compaq Andover	N42°37.50'	W71°10.80'
Bedford	Hanscom	N42°28.18'	W71°17.33'
Beverly	Beverly	N42°35.03'	W70°54.97'
Boston	Boston Globe	N42°21.08'	W71°03.05'
Boston	Logan Intl	N42°21.77'	W71°00.38'
Boston	WBZ	N42°21.90'	W71°07.95'
Brockton	Brockton USAR	N42°03.35'	W71°03.35'
Brockton	Veracka	N42°02.70'	W71°00.55'
Burlington	Baybank	N42°28.87'	W71°12.45'
Cohasset	Pleasant Beach	N42°15.73'	W70°48.72'
Dover	Oxbow	N42°11.08'	W71°17.83'
Hamilton	Ames	N42°37.88'	W70°51.90'
Hamilton	Devon Glen	N42°37.40'	W70°51.97'
Hanover	Simmons	N42°07.50'	W70°50.58'
Hudson	Digital	N42°19.58'	W71°34.57'
Ipswich	Rider	N42°39.85'	W70°50.38'
Ipswich	Sagamore Hill	N42°38.50'	W70°49.60'
Ipswich	Snow	N42°39.99'	W70°51.18'
Lexington	Raytheon	N42°25.83'	W71°15.15'
Lincoln	Horizon Hill	N42°25.20'	W71°18.57'
Lynn	Gear Plant	N42°27.13'	W70°57.93'
Manchester	Seagate	N42°33.58'	W70°46.33'
Manchester-by-the-Sea	Crowhurst	N42°34.57'	W70°44.32'
Middleton	Ferncroft Village	N42°35.83'	W70°58.22'
Millis	Southend	N42°11.40'	W71°21.87'
Natick	Cochituate	N42°18.50'	W71°22.90'
Natick	Natick Army Laboratories	N42°17.18'	W71°22.63'
Natick	US Property & Fiscal Office	N42°17.00'	W71°21.97'
Needham	WCVB - TV	N42°18.25'	W71°13.63'
Norwood	Norwood Meml	N42°11.45'	W71°10.38'
Peabody	Metro-Swift	N42°32.47'	W70°55.65'
Pembroke	Sherman	N42°04.44'	W70°47.89'
Quincy	PG	N42°16.85'	W71°02.22'
Revere	Rent- A -Tool	N42°25.67'	W70°59.07'
Sherborn	Burke	N42°14.03'	W71°21.58'
Sherborn	Nason Hill	N42°12.35'	W71°22.73'
Somerville	Chambers†	N42°22.70'	W71°05.32'
Sudbury	Sudbury	N42°21.05'	W71°25.78'
Tewksbury	Digital	N42°38.35'	W71°13.47'
Tewksbury	Tew Mac	N42°35.85'	W71°12.30'
Woburn	Compaq Woburn	N42°30.58'	W71°08.18'
Waltham	Federal Center	N42°23.78'	W71°12.97'
Waltham	Prospect Hill	N42°23.87'	W71°15.47'
West Newbury	Long Hill Orchard	N42°28.40'	W70°58.73'

Medical Facilities

Beth Israel Deaconess†	*N42°20.25'	*W71°06.22'
Beverly	N42°33.97'	W70°52.65'
Boston	N42°20.02'	W71°04.28'
Brigham & Womens†	N42°20.15'	W71°06.35'
Goddard	N42°06.02'	W71°04.92'
Lahey	N42°29.08'	W71°12.10'
Mass General†	N42°21.82'	W71°04.13'
New England†	*N42°20.98'	*W71°03.92'
New England Meml	N42°27.08'	W71°05.22'
Waltham Weston	N42°22.05'	W71°14.88'

* Geographic Coordinates Unverified

† See Boston Downtown Inset Chart

FOR COORDINATION AND USE OF MEDICAL HELIPADS:
BOSTON MED FLIGHT OPERATIONS FREQ. 130.575 TEL. 1-800-233-8998
WORCESTER HELIPAD FREQ. 123.075 TEL. 508-856-3558

Landmark Coordinates

Alewife T Station†	N42°23.87'	W71°08.53'
Allston Toll Plaza	N42°21.45'	W71°07.32'
Andrew McArdle Bridge†	N42°23.14'	W71°02.35'
Andrew Square	N42°19.77'	W71°03.33'
Boston College Stadium	N42°20.10'	W71°09.98'
Boston Light	N42°19.47'	W70°53.40'
B U Bridge	N42°21.15'	W71°06.68'
Bunker Hill Monument†	N42°22.57'	W71°03.68'
Chelsea Street Bridge†	N42°23.17'	W71°01.37'
Citgo Sign†	N42°20.94'	W71°05.79'
Coast Guard Station	N42°22.08'	W71°03.13'
Convention Center†	N42°20.73'	W71°02.78'
Deer Island Light	N42°20.38'	W70°57.30'
Dorchester Gas Tank	N42°18.07'	W71°02.77'
Everett Power Plant and Stacks	N42°23.52'	W71°04.10'
Fenway Park†	N42°20.78'	W71°05.85'
Fenway Turnpike Interchange	N42°21.07'	W71°05.55'
Forest Hills T Station	N42°17.95'	W71°06.88'
Fort Independence	N42°20.29'	W71°00.66'
Fort Point Channel	N42°21.30'	W71°02.92'
Fort Warren	N42°19.22'	W70°55.66'
Fresh Pond	N42°23.02'	W71°08.98'
General Edwards Bridge†	N42°26.61'	W70°51.97'
Graves Light	N42°21.88'	W70°52.18'
Hancock Building†	N42°20.96'	W71°04.51'
Harvard Stadium	N42°21.98'	W71°07.65'
Hilton Hotel†	N42°22.05'	W71°01.37'
Hyatt Hotel†	N42°21.55'	W71°01.64'
Long Island Bridge	N42°18.50'	W70°58.91'
Longfellow Bridge	N42°21.68'	W71°04.57'
Mass Ave Bridge	N42°21.23'	W71°05.30'
Mass Ave Interchange	N42°20.75'	W71°03.68'
Mc Grath O'brien Hwy	N42°23.60'	W71°05.17'
Medford Square	N42°25.15'	W71°06.57'
Memorial Stadium	N42°24.06'	W71°02.42'
MILTT (LOM) Neponset Circle	N42°16.43'	W71°02.95'
Moakley Courthouse†	N42°21.23'	W71°02.76'
Museum of Science	N42°22.05'	W71°04.30'
Old Soldiers Home	N42°24.05'	W71°01.80'
Perkins School for the Blind	N42°21.65'	W71°10.51'
Prudential Building†	N42°20.82'	W71°04.95'
Quincy Shipyard	N42°14.37'	W70°58.43'
Rte 2/Watertown St	N42°25.03'	W71°12.32'
Salem Stacks	N42°31.56'	W70°52.58'
Spy/Fresh Spit	N42°24.20'	W71°09.47'
Spy Pond/Rte 93 Interchange	N42°24.82'	W71°06.27'
Suffolk Downs†	N42°23.65'	W70°59.83'
Tobin Bridge	N42°23.10'	W71°02.87'
Wang Towers	N42°36.87'	W71°19.48'
Wellington Bridge	N42°23.98'	W71°05.05'
Weston Tolls	N42°20.39'	W71°16.00'
Weymouth Power Plant†	N42°14.52'	W70°57.96'
World Trade Center†	N42°20.96'	W71°02.50'
Zakim Bunker Hill Bridge†	N42°22.13'	W71°03.80'

† See Boston Downtown Inset Chart

BOSTON TERMINAL AREA ROUTE DESCRIPTIONS AND COORDINATES

Bay Route (BAAYE)

Southern end of Nantasket Beach at offshore rocks, cross inlet to Worlds End, via the coastline to the Long Island Bridge then to channel to the Coast Guard Station. Note: It is recommended that the Bay Route be used by multi-engine and float equipped helicopters due to the low altitudes occasionally imposed.

VPBAY	Black Rock	N42°16.17'	W70°49.48'
Bay1	Worlds End	N42°16.43'	W70°52.87'
Bay2	Long Is Bridge	N42°18.50'	W70°58.90'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Fenway Route (FENWA)

NOTE: Entry point is within the Norwood Class D airspace. CONTACT NORWOOD TOWER ON FREQ. 126.0.

At the intersection of I-95 and I-93 and the railroad tracks. Follow the railroad tracks to the Fens (passing over the Fens east of Fenway Park and west of the Prudential building). Joining the Turnpike Route.

VPFEN	Railroad Tracks/I-95 & I-93	N42°12.58'	W71°08.88'
Fen1	Forest Hills T Station	N42°17.95'	W71°06.88'
Fen2	Fenway Turnpike Interchange	N42°21.07'	W71°05.55'
(Join Turnpike Route)			
Fen3	Mass Ave Bridge	N42°21.23'	W71°05.50'
Fen4	Longfellow Bridge	N42°21.68'	W71°04.57'
Fen5	Museum of Science	N42°22.05'	W71°04.30'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Fresh Pond Route (FRESH)

NOTE: Entry point is just outside the Hanscom Class D airspace. Contact HANSCOM TOWER ON FREQ. 118.5.

At Rte 2 and Watertown Street Exit in Lexington. (Also Spy Pond Route). Follow Rte 2 to the southwestern edge of Spy Pond, then direct to Harvard Stadium Athletic fields, then direct to Allston Toll Plaza on I-90, then join Turnpike Route.

VPFRE	Rte 2/Watertown St	N42°25.03'	W71°12.32'
VPSPF	Spy and Fresh Split	N42°24.20'	W71°09.47'
Fre1	Fresh Pond	N42°23.02'	W71°08.98'
Fre2	Harvard Stadium	N42°21.98'	W71°07.65'
Fre3	Allston Toll Plaza	N42°21.45'	W71°07.32'
Fre4	B U Bridge	N42°21.15'	W71°06.68'
Fre5	Mass Ave Bridge	N42°21.23'	W71°05.50'
Fre6	Longfellow Bridge	N42°21.68'	W71°04.57'
Fre7	Museum of Science	N42°22.05'	W71°04.30'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Hampshire Route (HAMPS)

At the intersection of I-93 and I-95 in Woburn. Follow I-93 to the Charles River then join the Turnpike Route.

VPHAM	I-93 and Rte 128 (I-95) Interchange	N42°30.13'	W71°07.15'
Ham1	Mc Grath O'brien Hwy	N42°23.60'	W71°05.17'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Quarry Route (QUARE)

VPQUA begins at Rte 24 and I-93, then to Rte 3 and I-93 in Braintree. VPQUB begins at Rte 3 and Union St (Armory), then to Rte 3 and I-93 in Braintree. Follow the Expressway to the Mass Ave interchange, then along the Fort Point Channel to the Coast Guard Station.

VPQUA	Blue Hills, I-93 & Rte 24 Interchange	N42°12.10'	W71°04.78'
VPQUB	Armory & Rte 3	N42°12.60'	W70°59.83'
Qua1	I-93 & Rte 3	N42°13.70'	W71°01.32'
Qua2	MILTT (LOM)	N42°16.43'	W71°02.95'
Qua3	Mass Ave Interchange	N42°20.75'	W71°03.68'
Qua4	Fort Point Channel	N42°21.30'	W71°02.90'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Spy Pond Route (SPOND)

NOTE: Entry point is just outside the Hanscom Class D airspace. Contact HANSCOM TOWER ON FREQ. 118.5..

At Rte 2 and the Watertown Street Exit in Lexington. (Also the Fresh Pond Rte). Follow Rte 2 to Rte 16 the Alewife Brook Parkway to I-93 and join the Hampshire Route.

VPFRE	Rte 2/Watertown St	N42°25.03'	W71°12.32'
VPSPF	Spy and Fresh Split	N42°24.20'	W71°09.47'
Spy1	Alewife T Station	N42°23.87'	W71°08.53'
Spy2	Alewife Brook	N42°24.90'	W71°07.92'
Spy3	Spy Pond/Rte 93 Interchange	N42°24.82'	W71°06.27'
Spy4	Mc Grath O'brien Hwy	N42°23.60'	W71°05.17'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Tobin Route (TOBIN)

At the intersection of Rte 1 and I-93 in Lynnfield. Follow Rte 1 to the Mystic River Tobin Bridge, then along the Inner Harbor to the Coast Guard Station.

VPTOB	I-93 & Rte 1 Interchange	N42°31.42'	W70°59.82'
Tob1	Circle/Theater Complex	N42°25.82'	W71°01.08'
Tob2	Memorial Stadium	N42°24.02'	W71°02.33'
Tob3	Tobin Bridge	N42°23.10'	W71°02.87'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

Turnpike Route (PIKER)

At the intersection of I-90 and I-95 Weston Tolls. Follow the Mass Turnpike to the Allston Toll Plaza, then along the Charles River and the Inner Harbor to the Coast Guard Station.

VPPIK	Weston Tolls	N42°20.37'	W71°15.93'
Pik1	Allston Toll Plaza	N42°21.45'	W71°07.32'
Pik2	B U Bridge	N42°21.15'	W71°06.68'
Pik3	Mass Ave Bridge	N42°21.23'	W71°05.50'
Pik4	Longfellow Bridge	N42°21.68'	W71°04.57'
Pik5	Museum of Science	N42°22.05'	W71°04.30'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

CAUTION: ROUTES DEPICTED AND ALTITUDES ASSIGNED DO NOT PROVIDE OBSTACLE CLEARANCE PROTECTION. PILOTS ARE RESPONSIBLE FOR SEEING AND AVOIDING TERRAIN AND OBSTACLES. THIS CHART DOES NOT DEPICT COMPLETE OBSTACLE INFORMATION DUE TO THE HIGH CONCENTRATION OF OBJECTS IN THE AREA. OBSTACLES AND OTHER FEATURES SUCH AS POWER TRANSMISSION LINES AND PROMINENT STRUCTURES ARE DEPICTED FOR LANDMARK VALUE ONLY.

CAUTION: NUMEROUS CONSTRUCTION CRANES THROUGHOUT THE BOSTON AREA.

PILOTS ARE ENCOURAGED TO "FLY FRIENDLY" AND USE THE RECOMMENDED HELICOPTER ROUTES AT THE MAXIMUM ALTITUDES ASSIGNED. THESE ROUTES WERE ESTABLISHED, IN PART, OVER LOW POPULATION AREAS TO MINIMIZE NOISE TO UNDERLYING COMMUNITIES.

AIRCRAFT REQUESTING TO TRANSIT THE BEVERLY CLASS D AIRSPACE AT OR ABOVE 2500 MSL, CTC BOSTON APP ON 124.4

AIRCRAFT REQUESTING TO TRANSIT THE BEDFORD CLASS D AIRSPACE AT OR ABOVE 2500 MSL, CTC BOSTON APP ON 124.4

AIRCRAFT REQUESTING TO TRANSIT THE NORWOOD CLASS D AIRSPACE AT OR ABOVE 2500 MSL, CTC BOSTON APP ON 124.1

MODE C REQUIRED WITHIN 30 NM OF LOGAN INTL AIRPORT (See FAR 91.215/AIM)

HELICOPTERS CONTACT BOSTON TOWER ON 124.725 OR 257.8 FOR CLEARANCE INTO THE CLASS B AIRSPACE OR TO DEPART HELIPAD WITHIN THE CLASS B AIRSPACE.

No published helipad at Logan Intl. Expect landing site instructions from ATCT

ALL ROUTES ARE RECOMMENDED ROUTES WHICH PILOTS MAY EXPECT TO RECEIVE WHEN AUTHORIZED TO OPERATE IN THE CLASS B AIRSPACE. UNLESS OTHERWISE INDICATED, ALTITUDES WILL BE ASSIGNED WHEN CONTACTING AIR TRAFFIC CONTROL. HELICOPTER ROUTE AND ALTITUDE ASSIGNMENTS DO NOT RELIEVE PILOTS FROM THEIR DUTY TO COMPLY WITH FAR 91.119 AND 135.203(b). PILOTS ARE EXPECTED TO REQUEST AN ALTERNATE CLEARANCE IF NECESSARY FOR COMPLIANCE.

IT IS RECOMMENDED THAT THE BAY ROUTE BE USED BY MULTI-ENGINE AND FLOAT EQUIPPED HELICOPTERS DUE TO THE LOW ALTITUDES OCCASIONALLY IMPOSED

QUARRY ROUTE NOTE:
Logan RWY 4R/L operations may require helicopter assigned altitudes below 300 AGL. Helicopter route assignments and altitudes do not relieve pilots from FAR 91.119 and 135.203(b) compliance. If necessary, pilots are expected to request an alternate route clearance for compliance.

BOSTON DOWNTOWN