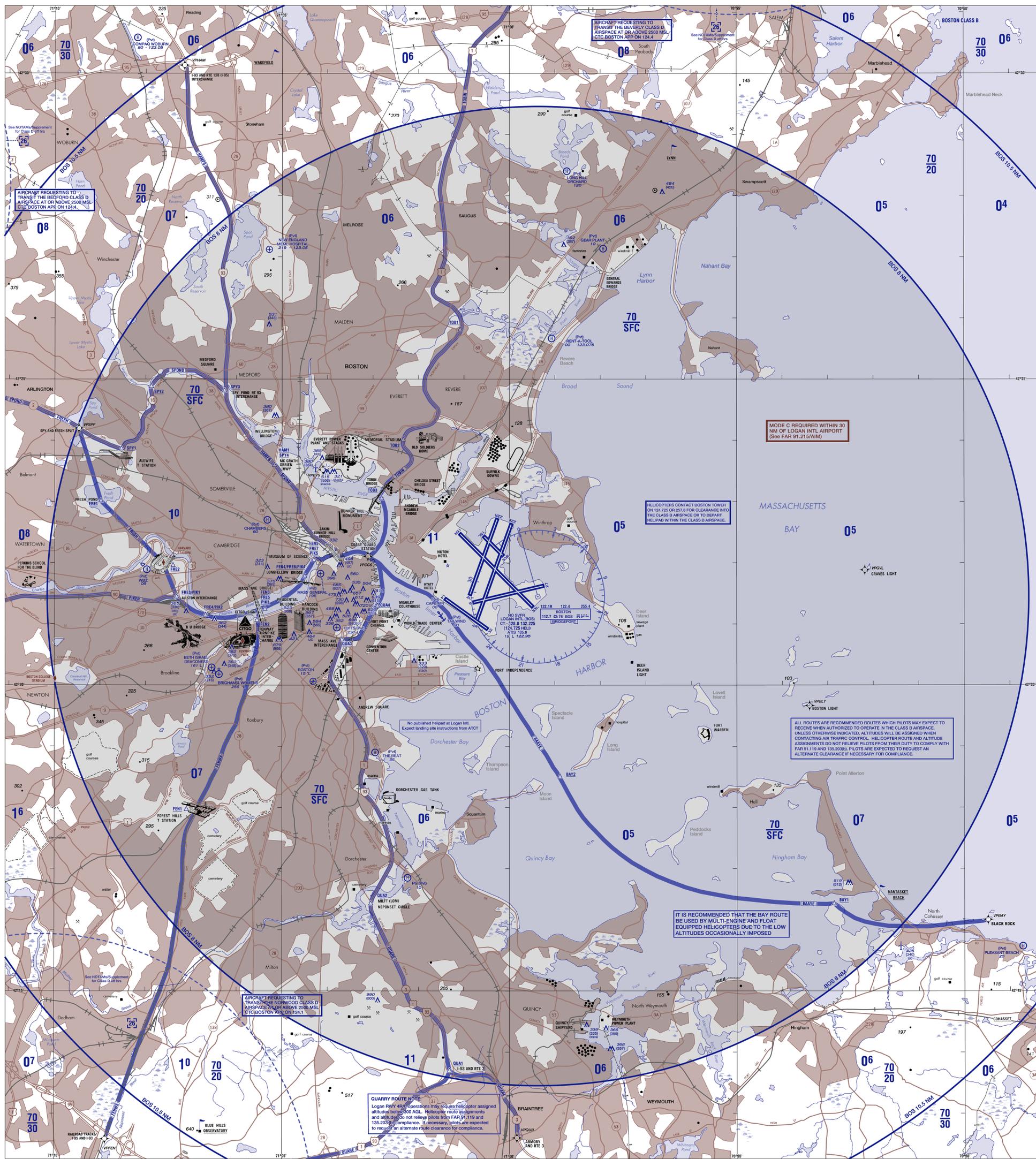




BOSTON DOWNTOWN  
SCALE 1:50,000

BOSTON TERMINAL AREA  
ROUTE DESCRIPTIONS AND COORDINATES



**CONTROL TOWER FREQUENCIES ON BOSTON HELICOPTER ROUTE CHART**

Altitudes with control towers are indicated on the face of the chart by the letters C followed by the primary VFR tower frequency. Information for each tower is listed in the table below. Obstructions above and below the primary VFR and IFR tower and ground obstructions are listed in the table below. Obstructions above and below the primary VFR and IFR tower and ground obstructions are listed in the table below.

CONTROL TOWER	OPERATES	TOWER	GND CON	ATIS
BEVERLY HOLA	0700-2000 13 MAY-31 OCT	123.2	121.6	119.2
WINDSOR	0700-2000 13 MAY-31 OCT	123.2	121.6	119.2
WINDSOR	0700-2000 13 MAY-31 OCT	123.2	121.6	119.2
WINDSOR	0700-2000 13 MAY-31 OCT	123.2	121.6	119.2
WINDSOR	0700-2000 13 MAY-31 OCT	123.2	121.6	119.2

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

FACILITY	FREQUENCIES	CONTROL AVAILABILITY
WINDSOR	123.2, 121.6, 119.2	24 HOURS
WINDSOR	123.2, 121.6, 119.2	24 HOURS
WINDSOR	123.2, 121.6, 119.2	24 HOURS

**HELIPORTS & AIRPORTS WITHIN 20 NM CLASS B RING**

City	Facility Name	LATITUDE	LONGITUDE
Andover	Compoq Andover	N42°18.80'	W71°18.80'
Bedford	Hanson	N42°18.18'	W71°12.33'
Beverly	Beverly	N42°35.03'	W70°54.97'
Boston	Cape Air	N42°21.15'	W71°01.55'
Boston	Logan Int'l	N42°21.78'	W71°00.36'
Boston	Talwind	N42°21.10'	W71°01.50'
Boston	The Boat	N42°18.91'	W71°02.96'
Boston	WVZ	N42°21.90'	W71°01.95'
Brookline	Brookline USAR	N42°03.35'	W71°03.35'
Burlington	Boylston	N42°28.87'	W71°12.45'
Cohasset	Woods End	N42°15.75'	W70°48.72'
Framingham	MSP GHK	N42°17.80'	W71°24.95'
Hamilton	Ames	N42°37.88'	W70°51.90'
Hamilton	Devon Glen	N42°37.40'	W70°51.97'
Hanson	Simons	N42°07.50'	W70°50.58'
Lowell	Rider	N42°39.85'	W70°50.38'
Lowell	Sagamore Hill	N42°38.50'	W70°49.60'
Lowell	Snow	N42°39.99'	W70°51.18'
Lexington	Roydon	N42°25.83'	W71°15.15'
Lincoln	Horizon Hill	N42°25.20'	W71°18.57'
Lynn	Gear Plant	N42°22.13'	W70°57.93'
Manchester	Seagate	N42°33.58'	W70°46.33'
Manchester-by-the-Sea	Crowhurst	N42°34.57'	W70°44.32'
Middleton	Fennosc Village	N42°35.83'	W70°58.22'
Mills	Southard	N42°11.40'	W71°21.37'
Natick	Coahuate	N42°18.50'	W71°23.90'
Natick	US Property & Fiscal Office	N42°17.00'	W71°21.97'
Needham	WCVB-TV	N42°18.25'	W71°13.63'
Needham	Needham Mem	N42°11.42'	W71°10.37'
Peabody	Metro-South	N42°32.47'	W70°55.65'
Quincy	PG	N42°16.85'	W71°02.23'
Salem	Beet & Tool	N42°24.67'	W70°59.07'
Shelburne	Burke	N42°14.03'	W71°21.58'
Shelburne	Nason Hill	N42°12.35'	W71°22.73'
Somerville	Chandler	N42°22.70'	W71°05.32'
Sudbury	Sudbury	N42°21.05'	W71°25.78'
Tewksbury	Digital	N42°38.35'	W71°13.47'
Tewksbury	Tewksbury	N42°35.85'	W71°13.47'
Woburn	Compoq Woburn	N42°30.58'	W71°08.18'
Waltham	Federal Center	N42°23.78'	W71°12.97'
Waltham	Prospect Hill	N42°23.87'	W71°12.97'
West Newbury	Long Hill Orchard	N42°28.40'	W70°58.73'

† See Boston Downtown Inset Chart  
† See Boston Downtown Inset Chart  
† See Boston Downtown Inset Chart

**Landmark Coordinates**

Albany Station	N42°23.87'	W71°08.53'
Allston Interchange	N42°21.45'	W71°07.32'
Andrew McAuliffe Bridge	N42°23.14'	W71°02.35'
Andrew Square	N42°19.77'	W71°03.33'
Boston College Stadium	N42°20.11'	W71°09.99'
Boston Light	N42°19.67'	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'
Clogs Sign	N42°20.94'	W71°05.79'
Conrad 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°02.22'
Event Power Plant and Stacks	N42°23.52'	W71°04.10'
Fenway Park	N42°20.72'	W71°03.89'
Fenway Turnpike Interchange	N42°21.07'	W71°05.65'
Forest Hills T Station	N42°17.95'	W71°06.88'
Fort Independence	N42°20.29'	W71°06.88'
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'
Groves Light	N42°21.88'	W70°52.18'
Harvard Building	N42°20.11'	W71°04.95'
Harvard Stadium	N42°21.98'	W71°07.65'
Hilton Hotel	N42°22.05'	W71°01.37'
Hyalis House	N42°21.55'	W71°03.28'
Longfellow Bridge	N42°21.68'	W71°04.57'
Mass Ave Bridge	N42°21.23'	W71°05.50'
Mass Ave Interchange	N42°23.60'	W71°05.17'
Memorial Stadium	N42°25.15'	W71°06.57'
MILT (BOM) Neponset Circle	N42°16.43'	W71°02.42'
Mosley 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'
Parkin School for the Blind	N42°21.65'	W71°03.65'
Prudential Building	N42°20.82'	W71°04.95'
Quincy Shipyard	N42°14.37'	W70°58.43'
Rte 2/Waterstown St	N42°23.02'	W71°02.77'
Spy/Fresh Split	N42°24.20'	W71°09.47'
Spy Pond/Rte 93 Interchange	N42°24.82'	W71°06.27'
Suffolk Downs	N42°23.45'	W71°05.83'
Tobin Bridge	N42°23.10'	W71°02.87'
Wang Towers	N42°36.87'	W71°19.48'
Washington Bridge	N42°20.29'	W71°05.05'
Weston Interchange	N42°20.39'	W71°11.00'
Weymouth Power Plant	N42°14.52'	W70°57.96'
Weymouth Center	N42°23.92'	W71°02.92'
Zakim Bunker Hill Bridge	N42°22.13'	W71°03.80'

† See Boston Downtown Inset Chart

**Bay Route (BAAY)**

Southern end of Nantasket Beach at offshore rocks, cross inlet to Wards End, via the coastline to the west of Long Island to the 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.

VPSBY	Black Rock	N42°16.17'	W70°49.48'
Bay 1	Woods End	N42°18.50'	W70°58.90'
Bay 2	Long Island	N42°22.08'	W71°03.13'
VPCGS	Coast Guard Station		

**Fenway Route (FENWA)**

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

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

VFRN	Railroad Tracks/I-93 & I-93	N42°12.58'	W71°08.88'
Fen1	Fenway Hills T Station	N42°21.07'	W71°05.55'
Fen2	Fenway Turnpike Interchange	N42°21.07'	W71°05.55'
(Join Turnpike Route)			
Fen3	Allston Interchange	N42°21.23'	W71°05.57'
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 Hancock Class D airspace. Contact HANSCOM TOWER ON FREQ. 118.5.

At Rte 2 and Waterstown 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 Interchange on I-93, then join Turnpike Route.

VFRF	Rte 2/Waterstown St	N42°25.03'	W71°12.32'
VPSF	Spy and Fresh Split	N42°24.20'	W71°09.47'
Fra1	Fresh Pond T Station	N42°23.02'	W71°08.98'
Fra2	Harvard Stadium	N42°21.98'	W71°07.65'
Fra3	Allston Interchange	N42°21.45'	W71°07.32'
Fra4	B.U. Bridge	N42°21.15'	W71°06.68'
Fra5	Mass Ave Bridge	N42°21.23'	W71°05.50'
Fra6	Longfellow Bridge	N42°21.68'	W71°04.57'
Fra7	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-93 Interchange	N42°30.13'	W71°07.15'
Han1	McGrath O'Brien Hwy	N42°23.60'	W71°05.17'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

**Quarry Route (QUARE)**

VPCQA begins on the 3d and I-93, then to Rte 2 and I-93 in Braintree. VPCQA begins on Rte 3 and Union St (Army), 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.

VPCQA	Blue Hills I-93 & Rte 24 Interchange	N42°12.10'	W71°04.78'
VPCQB	Amey & Rte 3	N42°12.40'	W70°59.83'
Quo1	I-93 & Rte 3	N42°13.70'	W71°01.32'
Quo2	MILT (BOM)	N42°16.43'	W71°02.92'
Quo3	Mass Ave Interchange	N42°23.60'	W71°05.17'
Quo4	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 Hancock Class D airspace. Contact HANSCOM TOWER ON FREQ. 118.5.

At Rte 2 and the Waterstown Street Exit in Lexington. (Also the Fresh Pond Rte). Follow the Rte 2 to the Blue Hills T Station, 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.

VFRF	Rte 2/Waterstown St	N42°25.03'	W71°12.32'
VPSF	Spy and Fresh Split	N42°24.20'	W71°09.47'
Sp1	Woods End Station	N42°18.50'	W70°58.90'
Sp2	Alley Brook	N42°24.90'	W71°07.92'
Sp3	Spy Pond/Rte 93 Interchange	N42°24.82'	W71°06.27'
Sp4	McGrath O'Brien Hwy	N42°23.60'	W71°05.17'
VPCGS	Coast Guard Station	N42°22.08'	W71°03.13'

**Tobin Route (TOBN)**

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

VPCOB	I-95 & Rte 1 Interchange	N42°31.42'	W70°59.82'
Tob1	Circle/Theater Complex	N42°23.82'	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 (TURN)**

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

VPRK	Water Interchange	N42°23.37'	W71°11.93'
TK1	Allston Interchange	N42°21.45'	W71°07.32'
TK2	B.U. Bridge	N42°21.15'	W71°06.68'
TK3	Mass Ave Bridge	N42°21.23'	W71°05.50'
TK4	Longfellow Bridge	N42°21.68'	W71°04.57'
TK5	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 OBSTACLES 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.

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 135.209B. 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.

AIRCRAFT REQUESTING TO TRANSIT THE NORWOOD CLASS D AIRSPACE AT OR ABOVE 3500 MSL, CTC BOSTON APP ON 124.4.

QUARRY ROUTE NOTE: Logan RWY 4R operations may require helicopter assigned altitudes below 3500 AGL. Helicopter route assignments and altitudes do not relieve pilots from FAR 91.119 and 135.209B compliance. If necessary, pilots are expected to request an alternate route clearance for compliance.