

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
HANSCOM	FOUR	HNSCM4.BED	THREE	06/17/2021	19 May 2022
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF ALL RUNWAYS: CLIMB HEADING AS ASSIGNED BY ATC, THENCE...

...EXPECT RADAR VECTORS TO ASSIGNED ROUTE/NAVAID/FIX. MAINTAIN 2000. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL WITHIN TEN (10) MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
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PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: NON RNAV EQUIPPED AIRCRAFT CAN EXPECT VECTORS ON ASSIGNED ROUTE.

NOTE: BLZZR DEPARTURES EXPECT VECTORS ON BOS R-273, DME REQUIRED.

NOTE: BRUWN DEPARTURES EXPECT VECTORS ON BOS R-159, DME REQUIRED.

NOTE: CELTK DEPARTURES EXPECT VECTORS ON BOS R-114.

NOTE: HYLND DEPARTURES EXPECT VECTORS ON BOS R-350, DME REQUIRED.

NOTE: PATSS DEPARTURES EXPECT VECTORS ON BOS R-260, DME REQUIRED.

NOTE: REVSS DEPARTURES EXPECT VECTORS ON BOS R-285, DME REQUIRED.

NOTE: SSOXS DEPARTURES EXPECT VECTORS ON BOS R-177.

TAKEOFF MINIMUMS:

RWY 5, 29: STANDARD

RWY 11: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 258 FT PER NM TO 400.

RWY 23: 300-1 7/8 OR STANDARD WITH MINIMUM CLIMB OF 439 FT PER NM TO 400.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

RWY 11: 285 FT MSL ANTENNA 422820.28N/0711519.06W (CLIMB GRADIENT, CLIMB-TO ALTITUDE AND CEILING), 282 FT MSL TOWER 422820.29N/0711519.06W (VISIBILITY).

RWY 23: 283 FT MSL TREE 422719.05N/0711758.98W (CLIMB GRADIENT AND CLIMB-TO ALTITUDE), 389 FT MSL TREE 422639.16N/0711823.88W (CEILING), 389 FT MSL TREE 422615.98N/0711832.87W (VISIBILITY).

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

CHART: BOS R-273/35.3 DME AT BLZZR.

CHART: BOS R-159/56.6 DME AT BRUWN.

CHART: BOS R-114/39.8 DME AND LFV R-005/15.2 DME AT CELTK.

CHART: BOS R-350/28.4 DME AT HYLND.

CHART: BOS R-260/36.0 DME AT PATSS.

CHART: BOS R-285/36.5 DME AT REVSS.



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HANSCOM	FOUR	HNSCM4.BED	THREE	06/17/2021	19 May 2022

CHART: BOS R-177/33.1 DME AND PVD R-091/31.4 DME AT SSOXS.

CHART: BOS R-048/31.3 DME AT LBSTA.

CHART: BOS R-192/24.2 DME AND SEY R-046/55.0 DME AT BURDY.

CHART: TOP ALTITUDE: 2000.

REFERENCE MAGVAR: KBED 16W EPOCH YR: 1995.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
LAURENCE G HANSCOM FLD	KBED	BEDFORD	MA

COMMUNICATIONS:

ATIS, CLEARANCE DELIVERY, GROUND CONTROL, TOWER, DEPARTURE CONTROL

FIXES AND/OR NAVAIDS:

ACK VOR/DME, BAF VORTAC, BOS VOR/DME, CAM VOR/DME, CTR VOR/DME, ENE VOR/DME, LFV VOR/DME, MVY VOR/DME, PVD VOR/DME, SEY VOR/DME, SYR VORTAC, BLZZR, BOSOX, BRUWN, BURDY, BUZRD, CELTK, DUNKK, FREDO, FRILL, GLYDE, HANAA, HYLND, LBSTA, NELIE, PATSS, REVSS, SSOXS.

REMARKS:

FLIGHT INSPECTED BY

JORGE A MALCUN

Digitally signed by

CASIMIR L TABAKA

Jan 13, 2022

OFFICE

FPO

DATE

01/12/2022

DEVELOPED BY

STEVEN WINNER

Digitally signed by

STEVEN E WINNER

Dec 14, 2021

OFFICE

AJV-A422

DATE

Oct 25, 20

APPROVED BY

MARLON ROBINSON

Digitally signed by

CASIMIR L TABAKA

Dec 15, 2021

OFFICE

AJV-A420

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, BOS APP CON, BED ATCT, AMGR

CHANGES - REASONS:

1. TAKEOFF MINS: CHANGED RWY 11 FROM "RWY 11,300-11/4 OR STANDARD WITH MINIMUM CLIMB OF 251 FT PER NM TO 400, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NOT LATER THAN 2100 FT PRIOR TO DER." TO "RWY 11: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 258 FT PER NM TO 400." - UPDATED OBSTACLE DATA AND EVALUATION AND CLEARS FDC 1/0854.
2. TAKEOFF MINS: CHANGED RWY 23 FROM "RWY 23, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 426 FT PER NM TO 500." TO "RWY 23: 300-1 7/8 OR STANDARD WITH MINIMUM CLIMB OF 439 FT PER NM TO 400." - UPDATED OBSTACLE DATA AND EVALUATION.
3. CONTROLLING OBSTACLES: CHANGED RWY 11 FROM 285 FT MSL TOWER 422820.28N/0711519.06W TO "285 FT MSL ANTENNA 422820.28N/0711519.06W (CLIMB GRADIENT, CLIMB-TO ALTITUDE AND CEILING), 282 FT MSL TOWER 422820.29N/0711519.06W (VISIBILITY)." - UPDATED OBSTACLE DATA AND EVALUATION.
4. CONTROLLING OBSTACLES: CHANGED RWY 23 FROM 283 FT MSL TREE 422719.05N/0711758.98W (CLIMB GRADIENT), 366 FT MSL TREE 422631.69N/0711858.58W (VISIBILITY), AND 379 FT MSL TREE 422633.52N/0711848.89W (CEILING) TO "283 FT MSL TREE 422719.05N/0711758.98W (CLIMB GRADIENT AND CLIMB-TO ALTITUDE), 389 FT MSL TREE 422639.16N/0711823.88W (CEILING), 389 FT MSL TREE 422615.98N/0711832.87W (VISIBILITY)." - UPDATED OBSTACLE DATA AND EVALUATION.

