

**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SUPERSEDED NUMBER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	FIVE	HNSCM5.BED	FOUR	05/19/2022	
<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"/>	<input type="checkbox"/>

**DP ROUTE DESCRIPTION:**

**TAKEOFF ALL RUNWAYS:** CLIMB ON 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>
------------------------	-------------------------------------	----------------------------	--------------------------	---------------	-----------------	------------	-------------	------------------------------------

**PROCEDURAL DATA NOTES:**

**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.

**PBN REQUIREMENTS NOTES:**

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED.

**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).

**MSA:**

**LOST COMMUNICATIONS PROCEDURES:**



<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	FIVE	HNSCM5.BED	FOUR	05/19/2022	

**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.  
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.  
AIRPORT MV: BED 16W/1995.

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KBED	BEDFORD	MA

**COMMUNICATIONS:**

CHART: ATIS, CLEARANCE DELIVERY, GROUND CONTROL, TOWER

**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, MANCH, NELIE, PATSS, PEASE, REVSS, SSOXS.

**REMARKS:**

ABBREVIATED AMENDMENT

**FLIGHT INSPECTED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION.

**OFFICE** **DATE**

*Digitally signed by*

**JASON KRETSCHMER**

Oct 19, 2022

**DEVELOPED BY**

DALE SICKELS

*Digitally signed by*  
**JASON KRETSCHMER**  
Oct 19, 2022

**OFFICE** **DATE**

AJV-A421 08/24/2022

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*  
**JASON KRETSCHMER**  
Oct 19, 2022

**OFFICE** **DATE**

AJV-A420

**TITLE**  
MANAGER

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:**

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

**CHANGES - REASONS:**

DP ROUTE DESCRIPTION: CHANGED CLIMB HEADING TO CLIMB ON HEADING - IAW 8260.46G, PARA 1-1-5.A.(3).  
MOVED RADAR REQUIRED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES - IAW 8260.46H, APPENDIX D, SECTION 2, PARA 6.  
ADDITIONAL FLIGHT DATA: CHANGED REFERENCE MAGVAR: KBED 16W EPOCH YR: 1995 TO AIRPORT MV: BED 16W/1995 - IAW MEMO 283, DATED 7/15/2022.  
ADDED TO FIXES AND/OR NAVAIDS BLOCK: MANCH AND PEASE FIXES - ATC REQUEST.  
COMMUNICATIONS: REMOVED DEPARTURE CONTROL - IAW 8260.46H, APPENDIX D, SECTION 2, PARA 14.  
COMMUNICATIONS: ADDED "CHART:" BEFORE FACILITIES - IAW 8260.46H, APPENDIX D, SECTION 2, PARA 14.  
REMARKS: ADDED ABBREVIATED AMENDMENT - IAW 8260.46H, APPENDIX D, SECTION 2, PARA 17.C.

