

**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SUPERSEDED NUMBER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>
KENT	ONE	KENT1.ZIGED	NINE	12/26/2024	
<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 RWY 14L: CLIMB ON HEADING 137.00 AND I-BFI SE COURSE TO CROSS ZIGED INT/I-BFI 13.00 DME AT 2000 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX. MAINTAIN 2000, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 3 MINUTES AFTER DEPARTURE.

TAKEOFF RWY 14R: CLIMB ON HEADING 135.20 AND I-BFI SE COURSE TO CROSS ZIGED INT/I-BFI 13.00 DME AT 2000 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX. MAINTAIN 2000, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 3 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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PBN REQUIREMENT NOTES:

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

DME REQUIRED.

PROCEDURAL DATA NOTES:

TAKEOFF MINIMUMS:

RWY 14L: STANDARD WITH MINIMUM CLIMB OF 708 FT/NM TO 500 OR 600-3 WITH MINIMUM CLIMB OF 260 FT/NM TO 700.

RWY 14R: STANDARD WITH MINIMUM CLIMB OF 507 FT/NM TO 700 OR 600-3 WITH MINIMUM CLIMB OF 260 FT/NM TO 700.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 14L: 342 FT MSL TREE 473120.07N/1221716.76W (CLIMB GRADIENT), 356 FT MSL TREE 473117.99N/1221711.65W (CLIMB-TO ALTITUDE), 530 FT MSL TREE 472945.68N/1221523.02W (CLIMB GRADIENT/CLIMB-TO ALTITUDE), 531 FT MSL TREE 473007.81N/1221551.25W (CEILING), 514 FT MSL TREE 472950.72N/1221523.47W (VISIBILITY).

RWY 14R: 480 FT MSL TREE 473008.08N/1221610.27W (CLIMB GRADIENT), 502 FT MSL TREE 473003.90N/1221557.93W (CLIMB-TO ALTITUDE), 515 FT MSL TREE 472911.89N/1221440.30W (CLIMB GRADIENT/CLIMB-TO ALTITUDE), 599 FT MSL TREE 472909.99N/1221444.91W (CEILING), 495 FT MSL TREE 472909.99N/1221444.35W (VISIBILITY).

MSA:

MSA FROM SEA VORTAC 010-160 6400, 160-250 2200, 250-010 3400

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: 2000

AIRPORT MV: BFI 15E/2015.



AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
BFI	SEATTLE	WA

COMMUNICATIONS:

CHART: ATIS, CLNC DEL, GND CON, BOEING ATCT

FIXES AND/OR NAVAIDS:

BTG VORTAC, EAT VOR/DME, ELN VOR/DME, HQM VORTAC, MWH VOR/DME, OLM VORTAC, PAE VOR/DME, SEA VORTAC, YKM VORTAC, YVR VOR/DME, YXC VOR/DME.

REMARKS:

ALTITUDE (2000) AT ZIGED IS BASED ON THE MVA AND A DIVERSE OBSTACLE ASSESMENT.
ABBREVIATED AMENDMENT.
APPROVAL LETTER FOR RWY 14L/14R CG IN EXCESS OF 500 FT/NM ON FILE.

FLIGHT INSPECTED BY

SIGNATURE

Digitally signed by
RAKE MCGRAW
Jun 12, 2025

OFFICE

DATE

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

DEVELOPED BY

SIGNATURE

Digitally signed by
RAKE MCGRAW
Jun 12, 2025

OFFICE

DATE

RAKE MCGRAW (JUDITH TUTTLE)

AJV-A431

05/28/2025

APPROVED BY

SIGNATURE

Digitally signed by
RAKE MCGRAW
Jun 12, 2025

OFFICE

DATE

TITLE

RAKE MCGRAW

AJV-A422

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ARPT MGR, SEA ATCT, ZSE

CHANGES - REASONS:

- FIXES AND/OR NAVAIDS: REMOVED "HUH VORTAC" - DECOMMISSIONING DUE TO VORMON.
- REMARKS: UPDATED AIRPORT MV FROM "BFI (P) 15E/2015" TO "BFI 15E/2015" AND MOVED TO ADDITIONAL FLIGHT DATA - IAW 8260.46K APPENDIX D.
- DP ROUTE DESCRIPTION: UPDATED TAKEOFF RWY 14L FROM "CLIMB ON HEADING 137.00 AND I-BFI SE COURSE TO CROSS ZIGED INT/I-BFI 13.00 DME AT 2000 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 3 MINUTES AFTER DEPARTURE" TO "CLIMB ON HEADING 137.00 AND I-BFI SE COURSE TO CROSS ZIGED INT/I-BFI 13.00 DME AT 2000 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX. MAINTAIN 2000, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 3 MINUTES AFTER DEPARTURE" - IAW 8260.46K APPENDIX D, FIGURE D-7 EXAMPLE.
- DP ROUTE DESCRIPTION: UPDATED TAKEOFF RWY 14R FROM "CLIMB ON HEADING 135.20 AND I-BFI SE COURSE TO CROSS ZIGED INT/I-BFI 13.00 DME AT 2000 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 3 MINUTES AFTER DEPARTURE" TO "CLIMB ON HEADING 135.20 AND I-BFI SE COURSE TO CROSS ZIGED INT/I-BFI 13.00 DME AT 2000 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX. MAINTAIN 2000, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 3 MINUTES AFTER DEPARTURE" - IAW 8260.46K APPENDIX D, FIGURE D-7 EXAMPLE.
- EQUIPMENT REQUIREMENT NOTES: ADDED "DME REQUIRED" - IAW 8260.46K APPENDIX D.
- COORDINATED WITH: REMOVED "WFPT" AND UPDATED FROM "SEA ARTCC" TO "ZSA" - WFPT NOT REQUIRED, ZSA IS SEA ARTCC.

