

**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SUPERSEDED NUMBER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>
MOUNTAIN	TWO	MONTN2.SEA	ONE	01/30/2020	14 JUL 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 RWY 16L: CLIMB ON HEADING 165.00 AND SEA VORTAC R-161 TO CROSS PEAKK/SEA 5.00 DME AT OR ABOVE 3000, THEN LEFT TURN ON HEADING 071 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX, THENCE...

TAKEOFF RWY 16C: CLIMB ON HEADING 161.00 AND SEA VORTAC R-161 TO CROSS PEAKK/SEA 5.00 DME AT OR ABOVE 3000, THEN LEFT TURN ON HEADING 071 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX, THENCE...

TAKEOFF RWY 16R: CLIMB ON HEADING 161.00 AND SEA VORTAC R-161 TO CROSS PEAKK/SEA 5.00 DME AT OR ABOVE 3000, THEN LEFT TURN ON HEADING 071 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX, THENCE...

TAKEOFF RWY 34L: CLIMB ON HEADING 347.00 AND SEA VORTAC R-341 TO CROSS NEZUG/SEA 8.00 DME AT OR ABOVE 4000, THEN RIGHT TURN ON HEADING 071 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX, THENCE...

TAKEOFF RWY 34C: CLIMB ON HEADING 344.00 AND SEA VORTAC R-341 TO CROSS NEZUG/SEA 8.00 DME AT OR ABOVE 4000, THEN RIGHT TURN ON HEADING 071 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX, THENCE...

TAKEOFF RWY 34R: CLIMB ON HEADING 341.00 AND SEA VORTAC R-341 TO CROSS NEZUG/SEA 8.00 DME AT OR ABOVE 4000, THEN RIGHT TURN ON HEADING 071 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX, THENCE...

...MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT ALTITUDE/FLIGHT LEVEL 15 NM FROM SEA VORTAC.

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:**PBN REQUIREMENTS NOTES:****EQUIPMENT REQUIREMENT NOTES:**

NOTE: RADAR AND DME REQUIRED.

TAKEOFF MINIMUMS:

RWY 16L: STANDARD WITH MINIMUM CLIMB OF 560 FT PER NM TO 3000.

RWY 16C: STANDARD WITH MINIMUM CLIMB OF 515 FT PER NM TO 3000.

RWY 16R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 3000.

RWY 34L, 34C, 34R: STANDARD WITH MINIMUM CLIMB OF 580 FT PER NM TO 4000.



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TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 16L: 499 FT MSL TREE 472523.86N/1221847.29W.

RWY 16R: 509 FT MSL TREE 472529.01N/1221856.84W.

MSA:**LOST COMMUNICATIONS PROCEDURES:**

IF NO CONTACT WITH ATC LEAVING 4000 FT, PROCEED DIRECT SEA VORTAC, THEN PROCEED ON COURSE.

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: ASSIGNED BY ATC.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSEA	SEATTLE	WA

COMMUNICATIONS:

SEATTLE ATIS, SEATTLE CLNC DEL

FIXES AND/OR NAVAIDS:

CHART: YDC VORTAC, GEG VORTAC, EPH VORTAC, ELN VOR/DME, MLP VOR/DME, PAE VOR/DME, MWH VOR/DME, ALPSE, ZADON, ZELAK, NORMY, MODDA, STEVS, VAMPS, BANDR. .

REMARKS:

ABBREVIATED AMENDMENT

CRITERIA FOR POSITIVE COURSE GUIDANCE TO A FIX FOLLOWED BY TURN TO A HEADING FOR RADAR VECTORS IS AUTHORIZED BY THE FAAO 8260.46H PARAGRAPH 2-1-1.C.(2); HOWEVER, INSTRUCTIONS TO DRAW AND EVALUATE THE VECTOR AREA ARE NOT PROVIDED. RWY 16L, 16C, 16R, 34L, 34C, 34R DEVELOPED BASED ON USE OF POSITIVE COURSE GUIDANCE TO PEAKK/NEZUG FOLLOWED BY A 10 NM OBSTACLE EVALUATION EAST OF PEAKK/NEZUG TO ENSURE AIRCRAFT ARE AT OR ABOVE THE MVA AND WILL ALLOW ATC TO VECTOR AIRCRAFT SAFELY. OBSTACLE EVALUATION AREA ON FLIGHT CHECK MAPS AFTER PEAKK/NEZUG ARE BASED ON CONTINUED 15 DEGREE EXPANSION ENDING 10 NM EAST OF PEAKK/NEZUG.

APPROVAL LETTER ON FILE FOR CLIMB GRADIENTS EXCEEDING 500 FT PER NM.

FLIGHT INSPECTED BY

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

Digitally signed by
DAVID TEFFETELLER
Mar 31, 2022

OFFICE**DATE****DEVELOPED BY**

Digitally signed by
NICHOLAS K. JACKSON **NICHOLAS JACKSON**
Mar 08, 2022

OFFICE**DATE**
02/07/2022**APPROVED BY**

LONNIE EVERHART

Digitally signed by
DAVID TEFFETELLER
Mar 31, 2022

OFFICE
AJV-A430**DATE****TITLE**
MANAGER**REQUIRED EFFECTIVE DATE**

ROUTINE

COORDINATED WITH:

QUALITY
24
CHECKED

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A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZSE, SEA APCH, SEA ATCT, AMGR, WA AERO

CHANGES - REASONS:

1. FIX NAME "NICHY" CHANGED TO "PEAKK". - NAME CHANGED PER ATC REQUEST DUE TO PILOT CONFUSION.
2. REMOVED CHARTED NAVAIDS; PSC VOR/DME, YKM VORTAC, YVR VOR/DME, AND YXC VOR/DME. - NAVAIDS REMOVED PER FPT/ATC CHECKLIST.
3. ADDED CHARTED FIXES: ALPSE, ZADON, ZELAK, NORMY, MODDA, STEVS, VAMPS AND BANDR. - FIXES ADDED PER FPT/ATC CHECKLIST.
4. REMOVED SEATTLE DEP CON FROM COMMUNICATIONS SECITON. - REMOVED IAW 8260.46H CHAP 2 PARA E(1).
5. REMOVED REFERENCE MAG VAR: KSEA 16E EPOCH YR 2020. - REMOVED IAW 8260.46H APPENDIX D SECTION 2 PARA 12.

QUALITY
24
CHECKED