

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DIVERSE VECTOR AREA (DVA)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Distances are in nautical miles.

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
PORTLAND INTL	KPDX	PORTLAND	OR	1	05NOV2020

CHART - DIVERSE VECTOR AREA (Radar Vectors):

RWY 3: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 378 FT. PER NM TO 4500.
 RWY 10L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 367 FT. PER NM TO 4700.
 RWY 10R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 440 FT. PER NM TO 3600.
 RWY 21: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 430 FT. PER NM TO 3000.
 RWY 28L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 374 FT. PER NM TO 3800.
 RWY 28R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 340 FT. PER NM TO 5200.

FOR ATC USE ONLY:

RWY 3: ALL HEADINGS AUTHORIZED WITHIN 12 NM OF 453510.69N/1223640.63W (DEPARTURE REFERENCE POINT)
 INCLUDES ALL AREA WITHIN 12 NM OF 453510.69N/1223640.63W.

RWY 10L: ALL HEADINGS AUTHORIZED WITHIN 12 NM OF 453537.87N/1223535.47W (DEPARTURE REFERENCE POINT)
 INCLUDES ALL AREA WITHIN 12 NM OF 453537.87N/1223535.47W.

RWY 10R: ALL HEADINGS AUTHORIZED WITHIN 12 NM OF 453532.96N/1223652.71W (DEPARTURE REFERENCE POINT)
 INCLUDES ALL AREA WITHIN 12 NM OF 453532.96N/1223652.71W.

RWY 21: ALL HEADINGS AUTHORIZED WITHIN 12 NM OF 453524.65N/1223620.75W (DEPARTURE REFERENCE POINT)
 INCLUDES ALL AREA WITHIN 12 NM OF 453524.65N/1223620.75W.

RWY 28L: ALL HEADINGS AUTHORIZED WITHIN 12 NM OF 453459.43N/1223526.64W (DEPARTURE REFERENCE POINT)
 INCLUDES ALL AREA WITHIN 12 NM OF 453459.43N/1223526.64W.

RWY 28R: ALL HEADINGS AUTHORIZED WITHIN 12 NM OF 453509.95N/1223423.86W (DEPARTURE REFERENCE POINT)
 INCLUDES ALL AREA WITHIN 12 NM OF 453509.95N/1223423.86W.

OBSTACLE EVALUATION AREA (not for video mapping use):

RWY 3: ALL AREA WITHIN 17 NM OF 453510.69N/1223640.63W. CONTROL OBSTACLES: 419 FT. MSL TREE AT 453657.00/1223512.00W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA).

RWY 10L: ALL AREA WITHIN 17 NM OF 453537.87N/1223535.47W. CONTROL OBSTACLE: 780 FT. MSL TREE ON TERRAIN AT 453245.00N/1223400.00W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA).

RWY 10R: ALL AREA WITHIN 17 NM OF 453532.96N/1223652.71W. CONTROL OBSTACLES: 780 FT. MSL TREE ON TERRAIN AT 453245.00N/1223400.00W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA).

RWY 21: ALL AREA WITHIN 17 NM OF 453524.65N/1223620.75W. CONTROL OBSTACLES: 2023 FT. MSL TOWER (41-022617) AT 453057.85N/1224403.12W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA).

RWY 28L: ALL AREA WITHIN 17 NM OF 453459.43N/1223526.64W. CONTROL OBSTACLES: 2083 FT. MSL TOWER (41-000040) AT 453120.52N/1224449.47W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA).

RWY 28R: ALL AREA WITHIN 17 NM OF 453509.95N/1223423.86W. CONTROL OBSTACLES: 2083 FT. MSL TOWER (41-000040) AT 453120.52N/1224449.47W (CG) AND 4472 FT. MSL AAO ON TERRAIN AT 454448.00N/1221427.00W (CTA).

AUTHORIZED FACILITY:

PORTLAND TRACON (P80) PHONE: (503) 493-7501 FACILITY MANAGER, (503) 493-7512 PROCEDURE SPECIALIST.

FAA FORM 7210-9 DATE:

DEVELOPED BY

WARDELL HENNING (KELLY CARLSON)

Digitally signed by

WARDELL HENNING

Aug 05, 2020

OFFICE

AJV-A432

DATE

05/28/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by

WARDELL HENNING

Aug 05, 2020

OFFICE

AJV-A430

DATE

TITLE

MANAGER

QUALITY
3
CHECKED

AIRPORT	AIRPORT ID	CITY	STATE	AMDT NO	EFFECTIVE DATE
PORTLAND INTL	KPDX	PORTLAND	OR	1	05NOV2020

CHANGES - REASONS:

THIS AMENDMENT CANCELS FDC NOTAM 9/8515.

AMENDED RWY 3 CHART- DIVERSE VECTOR AREA (RADAR VECTORS) FROM "RWY 3: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 360 FT. PER NM TO 4500" TO "RWY 3: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 378 FT. PER NM TO 4500" - NEW CG CONTROLLING OBSTACLE IDENTIFIED.

AMENDED RWY 3 DRP COORDINATES FROM "453510.69N/1223640.64W" TO "453510.69N/1223640.63W" - UPDATED DRP COORDINATES BASED ON UPDATED RWY 3 THLD AIRNAV DATA.

AMENDED RWY 3 OBSTACLE EVALUATION AREA FROM "RWY 3: ALL AREA WITHIN 17 NM OF 453510.69N/1223640.64W. CONTROL OBSTACLES: 390 FT. MSL TREE (KPDX0085) AT N/1223459.37W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA)" TO "RWY 3: ALL AREA WITHIN 17 NM OF 453510.69N/1223640.63W. CONTROL OBSTACLES: 419 FT. MSL TREE AT 453657.00/1223512.00W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA)" - UPDATED DRP COORDINATES AND NEW CG CONTROLLING OBSTACLE IDENTIFIED.

AMENDED RWY 10L CHART- DIVERSE VECTOR AREA (RADAR VECTORS) FROM "RWY 10L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 350 FT. PER NM TO 4700" TO "RWY 10L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 367 FT. PER NM TO 4700" - NEW CG CONTROLLING OBSTACLE IDENTIFIED.

AMENDED RWY 10L OBSTACLE EVALUATION AREA FROM "RWY 10L: ALL AREA WITHIN 17 NM OF 453537.87N/1223535.47W. CONTROL OBSTACLE: 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CG CTA)" TO "RWY 10L: ALL AREA WITHIN 17 NM OF 453537.87N/1223535.47W. CONTROL OBSTACLE: 780 FT. MSL TREE AT 453245.00N/1223400.00W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA)" - NEW CG CONTROLLING OBSTACLE IDENTIFIED.

AMENDED RWY 10R CHART- DIVERSE VECTOR AREA (RADAR VECTORS) FROM "RWY 10R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 400 FT. PER NM TO 3600" TO "RWY 10R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 440 FT. PER NM TO 3600" - NEW CG CONTROLLING OBSTACLE IDENTIFIED.

AMENDED RWY 10R DRP COORDINATES FROM "453532.95N/1223652.70W" TO "453532.96N/1223652.71W" - UPDATED DRP BASED ON UPDATED RWY 10R THLD AIRNAV DATA.

AMENDED RWY 10R OBSTACLE EVALUATION AREA FROM "RWY 10R: ALL AREA WITHIN 17 NM OF 453532.95N/1223652.70W. CONTROL OBSTACLES: 694 FT. MSL TREE ON TERRAIN AT 453248.38N/1223357.40W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA)" TO "RWY 10R: ALL AREA WITHIN 17 NM OF 453532.96N/1223652.71W. CONTROL OBSTACLES: 780 FT. MSL TREE ON TERRAIN AT 453245.00N/1223400.00W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA)" - UPDATED DRP COORDINATES AND NEW CG CONTROLLING OBSTACLE IDENTIFIED.

AMENDED RWY 21 DRP COORDINATES FROM "453524.65N/1223620.74W" TO "453524.65N/1223620.75" - UPDATED DRP BASED ON UPDATED RWY 21 THLD AIRNAV DATA.

AMENDED RWY 21 OBSTACLE EVALUATION AREA FROM "RWY 21: ALL AREA WITHIN 17 NM OF 453524.65N/1223620.74W. CONTROL OBSTACLES: 2049 FT. MSL TOWER (41-022617) AT 453057.74N/1224402.45W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA)" TO "RWY 21: ALL AREA WITHIN 17 NM OF 453524.65N/1223620.75W. CONTROL OBSTACLES: 2023 FT. MSL TOWER (41-022617) AT 453057.85N/1224403.12W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA)" - UPDATED CG OBSTACLE ACCURACY CODE AND DRP COORDINATES.

AMENDED RWY 28L CHART - DIVERSE VECTOR AREA (RADAR VECTORS) FROM "RWY 28L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 370 FT. PER NM TO 3800" TO "RWY 28L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 374 FT. PER NM TO 3800" - NEW CG CONTROLLING OBSTACLE IDENTIFIED.

AMENDED RWY 28L OBSTACLE EVALUATION AREA FROM "RWY 28L: ALL AREA WITHIN 17 NM OF 453459.43N/1223526.64W. CONTROL OBSTACLES: 2049 FT. MSL TOWER (41-022617) AT 453057.74N/1224402.45W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA)" TO "RWY 28L: ALL AREA WITHIN 17 NM OF 453459.43N/1223526.64W. CONTROL OBSTACLES: 2083 FT. MSL TOWER (41-000040) AT 453120.52N/1224449.47W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA)" - NEW CG CONTROLLING OBSTACLE IDENTIFIED.

AMENDED RWY 28R DRP COORDINATES FROM "453509.96N/1223423.85W" TO "453509.95N/1223423.86W" - UPDATED DRP BASED ON UPDATED RWY 29R THLD AIRNAV DATA.

AMENDED RWY 28R OBSTACLE EVALUATION AREA FROM "RWY 28R: ALL AREA WITHIN 17 NM OF 453509.96N/1223423.85W. CONTROL OBSTACLES: 2049 FT. MSL TOWER (41-022617) AT 453057.74N/1224402.45W (CG) AND 3719 FT. MSL AAO ON TERRAIN AT 454259.28N/1221747.20W (CTA)" TO "RWY 28R: ALL AREA WITHIN 17 NM OF 453509.95N/1223423.86W. CONTROL OBSTACLES: 2083 FT. MSL TOWER (41-000040) AT 453120.52N/1224449.47W (CG) AND 4472 FT. MSL AAO ON TERRAIN AT 454448.00N/1221427.00W (CTA)" - UPDATED DRP COORDINATES AND NEW CG AND CTA CONTROLLING OBSTACLES IDENTIFIED.

AMENDED AUTHORIZED FACILITY INFORMATION FROM "PORTLAND TRACON (P80) PHONE: (503) 493-6195 FACILITY MANAGER, (503) 493-7512 PROCEDURE SPECIALIST" TO "PORTLAND TRACON (P80) PHONE: (503) 493-7105 FACILITY MANAGER, (503) 493-7512 PROCEDURE SPECIALIST" - UPDATED FACILITY CONTACT INFORMATION.

QUALITY
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CHECKED