

**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SUPERSEDED NUMBER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>EFFECTIVE DATE</u>
BETTLES	TWO	BTT2.BTT	ONE	09/01/2005	12 OCTOBER 2017

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 20: CLIMB HEADING 196.19 TO 1546, THEN CLIMB DIRECT ZUVUB, THEN ON TRACK 226.41 TO BTT VOR/DME, MAINTAIN 8000.

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: RNAV 1.
NOTE: GPS REQUIRED.

TAKEOFF MINIMUMS:

RWY 2: NA - OBSTACLES
RWY 20: STANDARD WITH MINIMUM CLIMB OF 391 FEET PER NM TO 4300.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 20, TREES BEGINNING 2 FT FROM DER, 144 FT LEFT OF CENTERLINE, UP TO 13 FT AGL/1042 FT MSL. TREES BEGINNING 18 FT FROM DER, 130 FT RIGHT OF CENTERLINE, UP TO 11 FT AGL/1042 FT MSL. TREE, VERTICAL STRUCTURE, SECONDARY RD BEGINNING 93 FT FROM DER, 142 FT LEFT OF CENTERLINE, UP TO 46 FT AGL/1076 FT MSL. TREE 277 FT FROM DER, 272 FT RIGHT OF CENTERLINE, 16 FT AGL/1043 FT MSL. TREE, VERTICAL STRUCTURE BEGINNING 295 FT FROM DER, 423 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/1089 FT MSL. TREE 310 FT FROM DER, 532 FT RIGHT OF CENTERLINE, 19 FT AGL/1044 FT MSL. TREE 364 FT FROM DER, 466 FT RIGHT OF CENTERLINE, 22 FT AGL/1048 FT MSL. TREE 399 FT FROM DER, 497 FT RIGHT OF CENTERLINE, 28 FT AGL/1054 FT MSL. TREE 582 FT FROM DER, 510 FT RIGHT OF CENTERLINE, 30 FT AGL/1055 FT MSL. TREES BEGINNING 805 FT FROM DER, 519 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/1070 FT MSL. TREES BEGINNING 1031 FT FROM DER, 423 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/1092 FT MSL. TREES BEGINNING 1168 FT FROM DER, 274 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/1088 FT MSL. TREES BEGINNING 1538 FT FROM DER, 122 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/1092 FT MSL. TREES BEGINNING 1685 FT FROM DER, 136 FT LEFT OF CENTERLINE, UP TO 69 FT AGL/1096 FT MSL. TREES BEGINNING 2345 FT FROM DER, 388 FT LEFT OF CENTERLINE, UP TO 73 FT AGL/1101 FT MSL. TREE 1.2 NM FROM DER, 2383 FT LEFT OF CENTERLINE, 12 FT AGL/1219 FT MSL. TREE AND RD BEGINNING 1.2 NM FROM DER, 2436 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/1249 FT MSL. TREE AND RD BEGINNING 1.3 NM FROM DER, 2170 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/1260 FT MSL. RD 1.3 NM FROM DER, 2480 FT LEFT OF CENTERLINE, 1250 FT MSL. TREE 1.3 NM FROM DER, 2415 FT LEFT OF CENTERLINE, 30 FT AGL/1257 FT MSL. TREE AND RD BEGINNING 1.3 NM FROM DER, 1620 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/1266 FT MSL. TREES BEGINNING 1.8 NM FROM DER, 817 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/1324 FT MSL. TREE 1.9 NM FROM DER, 468 FT LEFT OF CENTERLINE, 48 FT AGL/1329 FT MSL. TREE 2.1 NM FROM DER, 3488 FT LEFT OF CENTERLINE, 15 FT AGL/1343 FT MSL. TREES BEGINNING 2.1 NM FROM DER, 3470 FT LEFT OF CENTERLINE, UP TO 23 FT AGL/1351 FT MSL. TREE 2.1 NM FROM DER, 3494 FT LEFT OF CENTERLINE, 19 FT AGL/1352 FT MSL. TERRAIN 2.1 NM FROM DER, 3794 FT LEFT OF CENTERLINE, 1369 FT MSL. TERRAIN AND TREE BEGINNING 2.2 NM FROM DER, 3569 FT LEFT OF CENTERLINE, UP TO 1388 FT MSL. TREE AND TERRAIN BEGINNING 2.2 NM FROM DER, 3556 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/1420 FT MSL.

CONTROLLING OBSTACLES:

RWY 20: 1420 FT MSL TREE 671241.24N/1501417.92W (CLIMB GRADIENT). 3380 FT MSL AAO 670821.00N/1502812.00W (CLIMB-TO ALTITUDE).

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAGVAR: PACX 16E EPOCH YR: 2020
DME/DME ASSESSMENT NOT CONDUCTED.



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AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
COLDFOOT	COLDFOOT	AK

COMMUNICATIONS:

ZAN, FAI FSS

FIXES AND/OR NAVAIDS:

REMARKS:

PROCEDURE DESIGN CLIMB GRADIENT, MITIGATES ALL 40:1 OBSTACLES.

FLIGHT INSPECTED BY:

JUAN CASTRO

Digitally signed by
STEVEN A VARGAS
Jul 25, 2017

OFFICE SYMBOL: **DATE:**

FICO 7/13/17

DEVELOPED BY:

THOMAS L. KIRKPATRICK

THOMAS L KIRKPATRICK II Digitally signed by THOMAS L KIRKPATRICK II
Date: 2017.04.13 06:37:54 -05'00'

OFFICE SYMBOL: **DATE:**

AJV-5423 05/01/2017

APPROVED BY:

JULIE MORGAN

Digitally signed by
STEVEN A VARGAS
Jul 25, 2017

OFFICE SYMBOL: **DATE:**

AJV-5420

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

ZAN, AMGR, FAI FSS, AK STATE AERO

CHANGES - REASONS:

RUNWAY NUMBERS CHANGED FROM 1/19 TO 2/20.
CHANGED GPS NOTE.
UPDATED TAKEOFF OBSTACLE NOTES.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>				
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<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RWY 20 (AER)	671524.50N/1501146.89W	N							
1546 MSL				VA	212.19				CG 391 FT PER NM TO 4300
ZUVUB	670714.18N/1503005.82W	Y	FB	DF					
BTT VOR/DME	665418.03N/1513209.18W	Y	FB	TF	242.41	27.59			

