

**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SUPERSEDED NUMBER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>
CILAC						THREE	CILAC3.CILAC	TWO	01/18/2007	8 NOVEMBER 2018
<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 203.22 TO 530, THEN CLIMB DIRECT CILAC TO AT/ABOVE 10000, CONTINUE CLIMB IN CILAC HOLDING PATTERN TO AT/ABOVE 10000 (HOLD SE, RT, 316.84 INBOUND) BEFORE PROCEEDING ON ASSIGNED ROUTE.

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: 400-1 WITH MINIMUM CLIMB OF 500 FT PER NM TO 530, THEN MINIMUM CLIMB OF 262 FT PER NM TO 2400, OR STANDARD WITH MINIMUM CLIMB OF 680 FT PER NM TO 1100.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 20: TREE 52 FT FROM DER, 264 FT RIGHT OF CENTERLINE, 50 FT AGL/67 FT MSL.
TREES BEGINNING 83 FT FROM DER, 17 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/99 FT MSL.
TREES BEGINNING 103 FT FROM DER, 190 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/50 FT MSL.
TREES BEGINNING 549 FT FROM DER, 86 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/64 FT MSL.
VEHICLE 1567 FT FROM DER, 156 FT LEFT OF CENTERLINE, 15 FT AGL/64 FT MSL.
TREE 1690 FT FROM DER, 54 FT LEFT OF CENTERLINE, 50 FT AGL/70 FT MSL.
TREES BEGINNING 1937 FT FROM DER, 35 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/149 FT MSL.
TREE 2385 FT FROM DER, 125 FT LEFT OF CENTERLINE, 50 FT AGL/90 FT MSL.
TREE 2633 FT FROM DER, 301 FT LEFT OF CENTERLINE, 50 FT AGL/100 FT MSL.
TREES BEGINNING 2666 FT FROM DER, 303 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/249 FT MSL.
TREE 2831 FT FROM DER, 21 FT LEFT OF CENTERLINE, 50 FT AGL/113 FT MSL.
TREES BEGINNING 2850 FT FROM DER, 322 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/149 FT MSL.
TREES BEGINNING 4867 FT FROM DER, 1170 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/349 FT MSL.

CONTROLLING OBSTACLES:

RWY 20: 349 FT MSL TREE 555323.94N/1591029.54W (CEILING/VIS); 249 FT MSL TREE 555352.41N/1591030.10W (680 CG); 1799 FT MSL AAO 554805.06N/1591911.57W (262 CG/CGTA).

LOST COMMUNICATIONS PROCEDURES:



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CILAC	THREE	CILAC3.CILAC	TWO	01/18/2007	8 NOVEMBER 2018

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: PAPE (PEV) 12E EPOCH YR: 2020.

DME/DME ASSESSMENT: NOT CONDUCTED.

CHART HOLDING PATTERN AT CILAC (HOLD SE, RT, 316.84 INBOUND, 6 MILE LEGS).

CHART: G2.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
PERRYVILLE - (PAPE)(PEV)	PERRYVILLE	AK

COMMUNICATIONS:

ZAN, CTAF

FIXES AND/OR NAVAIDS:

REMARKS:

AFS LETTER OF APPROVAL ON REQUEST FOR CLIMB GRADIENT IN EXCESS OF 500 FEET PER NM.

50 FT. VEGETATION UTILIZED PER FPT.

FLIGHT INSPECTED BY:

JOEL LAPLANTE

Digitally signed by

DEZ SILAGYI

Aug 10, 2018

OFFICE SYMBOL:

FICO

DATE:

8/7/18

DEVELOPED BY:

JOEL LAPLANTE

Digitally signed by

JOHN R THORNTON

May 25, 2018

OFFICE SYMBOL:

FICO

DATE:

8/6/18

APPROVED BY:

JULIE MORGAN

Digitally signed by

DEZ SILAGYI

Aug 10, 2018

OFFICE SYMBOL:

AJV-5420

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A

ALPA

AOPA

APA

HAI

NBAA



OTHER:

ZAN, ALASKA DOT, APT MGR

QUALITY
20
CHECKED

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DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
CILAC	THREE	CILAC3.CILAC	TWO	01/18/2007	8 NOVEMBER 2018

CHANGES - REASONS:

1. CHANGED DP ROUTE DESCRIPTION FROM "CLIMB TO 1000 DIRECT DABEC AND VIA 163.43 TRACK TO ZUMAR THEN VIA 246.67 TRACK TO CILAC. CLIMB IN HOLD (IF REQUIRED) TO 10000 OR HIGHER BEFORE PROCEEDING VIA ASSIGNED ROUTE" TO "CLIMB HEADING 203.22 TO 530, THEN CLIMB DIRECT CILAC TO AT/ABOVE 10000, CONTINUE CLIMB IN CILAC HOLDING PATTERN TO AT/ABOVE 10000 (HOLD SE, RT, 316.84 INBOUND) BEFORE PROCEEDING ON ASSIGNED ROUTE." - AIRPORT MAG VAR CHANGED FROM 15E/2005 TO 12E/2020; CHANGED ROUTING ENABLES LOWER CLIMB GRADIENT.
2. DELETED NOTE "TYPE B" - NOT REQUIRED.
3. DELETED NOTE "PILOTS OF RNP CAPABLE AIRCRAFT USE RNP 1.0" - NOT REQUIRED.
4. ADDED NOTE: "RNAV 1" - IAW 8260.46F 3-1-5.D.
5. CHANGED RWY 20 TAKEOFF MINIMUMS FROM "500-1 OR STANDARD WITH A MINIMUM CLIMB OF 680 FT PER NM TO 500" TO "RWY 20: 400-1 WITH MINIMUM CLIMB OF 500 FT PER NM TO 530 THEN MINIMUM CLIMB OF 262 FT PER NM TO 2400 OR STANDARD WITH MINIMUM CLIMB OF 680 FT PER NM TO 1100" - UTILIZING CEILING AND VIS TO MITIGATE ICA OBSTACLES LOWERS CLIMB GRADIENT FROM 680 FT PER NM TO 262 FT PER NM WHILE MAINTAINING 500 FT PER NM TO LNAV ENGAGEMENT ALTITUDE (530) OR UTILIZING A 680 FT PER NM CLIMB GRADIENT TO 1100 ENSURES OBSTACLE CLEARANCE ALONG THE ENTIRE ROUTE.
6. UDPATED TAKEOFF OBSTACLE NOTES - CURRENT DATA/MAP STUDY.
7. CHANGED CONTROLLING OBSTACLES FROM "RWY 20: 1299 MSL AAO 554630.6111591644.38, 249' MSL TREE 555352.34N/1591029.53W" TO "349 FT MSL TREE 555323.94N/1591029.54W (CEILING/ VIS); 249 FT MSL TREE 555352.41N/1591030.10W (680 CG); 1799 FT MSL AAO 554805.06N/1591911.57W (262 CG/CGTA)" - NEW ROUTE RESULTS IN NEW CONTROLLING OBSTACLES.
8. CHANGED ADDITIONAL FLIGHT DATA REFERENCE MAG VAR FROM 15E/2005 TO 12E/2020 - MAG VAR UPDATED TO EPOCH YEAR 2020 FORECAST.
9. ADDED "(HOLD SE, RT, 316.84 INBOUND, 6 MILE LEGS)" TO ADDITIONAL FLIGHT DATA HOLDING PATTERN AT CILAC - IAW 8260.46F, APPENDIX D, SECTION 2. 10.A.
10. ADDED REMARK "AFS LETTER OF APPROVAL ON REQUEST FOR CLIMB GRADIENT IN EXCESS OF 500 FEET PER NM" - AFS APPROVAL REQUIRED FOR CLIMB GRADIENT IN EXCESS OF 500 FT/ NM AND USE OF CEILING/VISIBILITY WITH A CLIMB GRADIENT TO MITIGATE ICA OBSTACLE PENETRATIONS.
11. ADDED VEGETATION REMARK - 50 FT. VEGETATION UTILIZED PER FPT.

**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>
CILAC		THREE		CILAC3.CILAC		TWO		01/18/2007	8 NOVEMBER 2018
<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>
RW20 (AER)	555437.49N/1590922.29W	N	-	-	-	-			CG 500 FT PER NM TO 530, THEN CG 262 FT PER NM TO 2400
530 MSL	--	-	-	VA	215.22	-			
CILAC	554000.00N/1593000.00W	Y	FO	DF	-	-			
CILAC	554000.00N/1593000.00W	Y	FO	HA	316.84	6.0	AT/ABOVE 10000		RIGHT TURNS

