

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.

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
LIZRD	FIVE	LIZRD5.LIZRD	FOUR	09/15/2016	10/10/2019
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWYS 1L/R: CLIMBING LEFT TURN DIRECT SGD VORTAC, PROCEED OUTBOUND ON THE SGD R-127 TO LIZRD INT. CROSS LIZRD INT AT OR ABOVE 3200. THENCE...
TAKEOFF RWYS 19L/R: CLIMB ON HEADING 180 TO INTERCEPT AND PROCEED OUTBOUND ON THE SGD R-127 TO LIZRD INT. CROSS LIZRD INT AT OR ABOVE 3200. THENCE...
TAKEOFF RWY 24: CLIMBING LEFT TURN ON HEADING 180 TO INTERCEPT AND PROCEED OUTBOUND ON THE SGD R-127 TO LIZRD INT. CROSS LIZRD INT AT OR ABOVE 3200. THENCE...
...ON (TRANSITION) OR (ASSIGNED ROUTE). MAINTAIN ATC ASSIGNED ALTITUDE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
CROIT	LIZRD5.CROIT	LIZRD	CROIT	075.32 (PYE R-075)	3.23	3200	3200	LIZARD AT/ABOVE 3200
OAKLAND	LIZRD5.OAK	LIZRD	SABLO	127.07 (SGD R-127)	5.03	4000	3200	
		SABLO	OAK VOR/DME	167.01 (OAK R-347)	15.92	4200	4200	
POINT REYES	LIZRD5.PYE	LIZRD	LAKCI	255.32 (PYE R-075)	15.40	4100	4100	
		LAKCI	PYE VOR/DME	255.49 (PYE R-075)	13.32	6000	4100	

PROCEDURAL DATA NOTES:

TAKEOFF MINIMUMS:

RWY 6: NA - OBSTACLES.

RWYS 19 L/R: STANDARD.

RWYS 1L/R: STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 1200.

RWY 24: STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 3000.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWYS 1L/R, 24: 1840 MSL AAO 381554.15N/1221249.57W (CLIMB GRADIENT), 2459 MSL AAO 381822.54N/1221017.47W (CLIMB-TO ALTITUDE).

LOST COMMUNICATIONS PROCEDURES:



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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
LIZRD	FIVE	LIZRD5.LIZRD	FOUR	09/15/2016	10/10/2019

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: ASSIGNED BY ATC.
REFERENCE MAG VAR: KAPC 15E EPOCH YEAR: 2005.
CHART: V195 FROM OAK VOR/DME TO SABLO.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
NAPA COUNTY (KAPC)	NAPA	CA

COMMUNICATIONS:

ATIS, CLNC DEL, GND, DEP CON

FIXES AND/OR NAVAIDS:

CCR R-259 AT CROIT, CCR R-229 AT SABLO, SAU R-035 AT CROIT, SAU R-045 AT SABLO, SGD R-114 AT CROIT, SGD R-220 AT LAKCI.

REMARKS:**FLIGHT INSPECTED BY:**

PENDING

Digitally signed by
DAVID TEFFETELLER
Aug 14, 2019

OFFICE SYMBOL: FIOG
DATE:

DEVELOPED BY: *Digitally signed by*
ANDREA CHANEY **ANDREA J CHANEY**
Aug 12, 2019

OFFICE SYMBOL: AJV-A433
DATE: 04/24/2019

APPROVED BY:

GEORGE DAVIS

Digitally signed by
DAVID TEFFETELLER
Aug 14, 2019
OFFICE SYMBOL: AJV-A430
DATE:

REQUIRED EFFECTIVE DATE:

10/10/2019

COORDINATED WITH:

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

OTHER:

ZOA, NORCAL APP CON, KAPC ATCT, ARPT MGR

QUALITY
7
CHECKED

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DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
LIZRD	FIVE	LIZRD5.LIZRD	FOUR	09/15/2016	10/10/2019

CHANGES - REASONS:

1. CHANGED ALL REFERENCES TO RWYS 36L/R AND 18L/36R TO 1L/R AND 19L/1R - RENUMBERING OF RUNWAYS.
2. DP ROUTE DESCRIPTION, TAKEOFF RWYS 1L/R: 'TURN LEFT DIRECT SGD VORTAC,....' CHANGED TO 'CLIMBING LEFT TURN DIRECT SGD VORTAC,....' - IAW 8260.46G CRITERIA.
3. DP ROUTE DESCRIPTION, TAKEOFF RWYS 19L/R: 'CLIMB VIA 180 HEADING TO INTERCEPT.....' CHANGED TO 'CLIMB ON HEADING 180 TO INTERCEPT.....' - IAW 8260.46G CRITERIA.
4. DP ROUTE DESCRIPTION, TAKEOFF RWYS 24: 'TURN LEFT, CLIMB VIA 180 HEADING TO INTERCEPT.....' CHANGED TO 'CLIMBING LEFT TURN ON HEADING 180 TO INTERCEPT.....' - IAW 8260.46G CRITERIA.
5. DP ROUTE DESCRIPTION, CHANGE ALL REFERENCES TO 'VIA' TO 'ON' - VIA NO LONGER USED IN WORDING OF DP ROUTE DESCRIPTION.
6. DP ROUTE DESCRIPTION, ADDED 'MAINTAIN ATC ASSIGNED ALTITUDE' - IAW 8260.46G PARA 3-1-1.I(6).
7. CROIT TRANSITION ROUTE, COURSE CHANGED FROM 075.70 TO 075.32. MEA CHANGED FROM 3000 TO 3200. MOCA CHANGED FROM 2600 TO 3200. CROSSING ALTITUDE CHANGED FROM 3000 TO 3200 - UPDATED EVALUATION.
8. OAK TRANSITION ROUTE, LIZRD TO SABLO: COURSE CHANGED FROM 126.43 TO 126.07. DISTANCE CHANGED FROM 4.97 TO 5.03. MOCA CHANGED FROM 3300 TO 3200 - UPDATED EVALUATION.
9. OAK TRANSITION ROUTE, SABLO TO OAK VOR/DME: COURSE CHANGED FROM 167.02 TO 167.01. DISTANCE CHANGED FROM 16.00 TO 15.92. MEA CHANGED FROM 4000 TO 4200. MOCA CHANGED FROM 4000 TO 4200 - UPDATED EVALUATION.
10. STS TRANSITION ROUTE: LIZRD TO LAKCI COURSE CHANGED FROM 255.69 TO 255.32. LAKCI TO STS VOR/DME ROUTE TRANSITION DELETED AND REPLACED WITH LAKCI TO PYE VOR/DME ROUTE TRANSITION. COURSE/DISTANCE ADDED: 255.49/13.32. MEA/MOCA ADDED: 6000/4100 - PER ATC REQUEST, MEA ALTITUDE FOR ENVIRONMENTAL.
11. TAKEOFF MINIMUMS: RWY 19L/R CHANGED TO STANDARD - OCS CLEAR AT STANDARD CLIMB GRADIENT.
12. TAKEOFF MINIMUMS: RWY 24 CHANGED FROM 'OBSTACLE CLIMB RATE STANDARD, ATC CLIMB RATE OF 260FT PER NM TO 3000 FT' TO 'STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 3000' - PER FPT REQUEST, CLIMB GRADIENTS, SPEED AND/OR ALTITUDE RESTRICTIONS FOR ATC PURPOSES NOT ALLOWED IAW 8260.46G CRITERIA.
13. TAKEOFF OBSTACLES NOTES REMOVED AND NOTE ADDED: SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP) - IAW 8260.46G CRITERIA.
14. CONTROLLING OBSTACLE FOR RWY 19L DELETED - CLIMB GRADIENT IS STANDARD.
15. CONTROLLING OBSTACLES FOR RWY 01L CHANGED FROM '289 MSL TREE 381422.51N/1221548.24W, 372 MSL POLE 381517.13N/1221526.41W, 381511.57N/12215, 558 MSL POLE 381511.67N/1221502.11W, 894 MSL TREE 381618.00N/1221448.00W' TO '640 MSL AAO 381554.15N/1221249.57W (CLIMB GRADIENT), 2459 MSL AAO 381822.54N/1221017.47W (CLIMB-TO ALTITUDE)' - UPDATED EVALUATION.
16. CONTROLLING OBSTACLES FOR RWY 01R CHANGED FROM '53 MSL FLOODLIGHT 381309.66N/1221635.91W, 289 MSL TREE 381422.51N/1221548.24W, 383 MSL TREE 381420.23N/1221535.75W' TO '640 MSL AAO 381554.15N/1221249.57W (CLIMB GRADIENT), 2459 MSL AAO 381822.54N/1221017.47W (CLIMB-TO ALTITUDE)' - UPDATED EVALUATION.
17. CONTROLLING OBSTACLE FOR RWY 24 CHANGED FROM '167 MSL BRIDGE 381233.00N/1221824.00W' TO '640 MSL AAO 381554.15N/1221249.57W (CLIMB GRADIENT), 2459 MSL AAO 381822.54N/1221017.47W (CLIMB-TO ALTITUDE)' - UPDATED EVALUATION.
18. ADDITIONAL FLIGHT DATA, NOTE ADDED: REFERENCE MAG VAR: KAPC 15E EPOCH YEAR: 2005 - IAW 8260.46G CRITERIA.
19. ADDITIONAL FLIGHT DATA, NOTE ADDED: V195 FROM OAK VOR/DME TO SABLO - IAW 8260.46G CRITERIA.
20. AIRPORTS SERVED: ICAO ID ADDED PER 8260.46G CRITERIA.
21. FIXES AND NAVAIDS ADDED: CCR R-259 AT CROIT, CCR R-229 AT SABLO, SAU R-035 AT CROIT, SAU R-045 AT SABLO, SGD R-114 AT CROIT, SGD R-220 AT LAKCI - IAW 8260.46G CRITERIA.

8/12/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 8/2/2019.

- 1. TRANSITION NAME CHANGED FROM OAK TO OAKLAND.**
- 2. TRANSITION NAME CHANGED FROM PYE TO POINT REYES.**

QUALITY
7
CHECKED