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 statue miles or feet RVR unless otherwise indicated.

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DP NAME MISSION BAY					NUMBER TWO	DP COMPUTER CODE MZB2.MZB	SUPERSEDED MISSION BA		DAT 12/07/2		ACTUAL EFFECTIVE DATE 22 APRIL 2021
TYPE: OBSTACLE	COPTER	SID	SPECIAL	RNAV							
DP ROUTE DESCRIPT RWY 9L/R: CLIMBING RWY 17: CLIMB ON H RWY 27L/R: CLIMBING RWY 35: CLIMBING LEON MZB R-076 TO M ALL RUNWAYS: OBTA PROCEEDING ON ASS	RIGHT TURN ON EADING 165.00, 1 E RIGHT TURN O EFT TURN ON HE IZB VORTAC.	FHENCE N HEADING ADING 165.0 AL FOR VCC	062.00 AND ON I	PGY R-348	,	CLIMB IN VISUAL CONDI	TIONS TO CROSS GII	LESPIE FIELD	AIRPOR'	Г AT OR AE	BOVE 4600 BEFORE
TRANSITION ROUTES	`		-								
TRANSITION NAME	TRANSITION COMPUTER (<u>FROM</u> <u>FIX/NAVAID</u>			<u>TO</u> NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
PROCEDURAL DATA	NOTES:										

TAKEOFF MINIMUMS:

RWY 9L: 900-2 3/4 WITH MINIMUM CLIMB OF 400 FT PER NM TO 3600, OR 4400-3 FOR VCOA.

RWY 9R: 900-2 3/4 WITH MINIMUM CLIMB OF 405 FT PER NM TO 3600, OR 4400-3 FOR VCOA.

RWY 17: STANDARD WITH MINIMUM CLIMB OF 440 FT PER NM TO 1800, OR 4400-3 FOR VCOA.

RWY 27L/R: STANDARD WITH MINIUM CLIMB OF 500 FT PER NM TO 2000, OR 4400-3 FOR VCOA.

RWY 35: STANDARD WITH MINIMUM CLIMB OF 360 FT PER NM TO 1900, OR 4400-3 FOR VCOA.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 9L: TERRAIN 11 FT FROM DER, 202 FT LEFT OF CENTERLINE, 395 FT MSL. TERRAIN 189 FT FROM DER, 236 FT LEFT OF CENTERLINE, 398 FT MSL. VEHICLE ON ROAD BEGINNING 604 FT FROM DER, 12 FT RIGHT OF CENTERLINE, UP TO 428 FT MSL. SIGN, BRIDGE, VEHICLE ON ROAD, POLE BEGINNING 739 FT FROM DER, ON CENTERLINE, UP TO 42 FT AGL/448 FT MSL. BUILDING 916 FT FROM DER, 354 FT LEFT OF CENTERLINE, 24 FT AGL/448 FT MSL. TREE, POLE BEGINNING 940 FT FROM DER, 314 FT LEFT OF CENTERLINE, UP TO 468 FT MSL. TREE 1259 FT FROM DER, 676 FT RIGHT OF CENTERLINE, 451 FT MSL. TREE, POLE, BUILDING, VEHICLE ON ROAD BEGINNING 1287 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 480 FT MSL. TREE, BUILDING, POLE BEGINNING 1413 FT FROM DER, 420 FT LEFT OF CENTERLINE, UP TO 486 FT MSL. TREE, POLES BEGINNING 1423 FT FROM DER, 176 FT LEFT OF CENTERLINE, UP TO 499 FT MSL. TREE 1630 FT FROM DER, 620 FT LEFT OF CENTERLINE, 519 FT MSL. TREE, POLES BEGINNING 1634 FT FROM DER, 8 FT LEFT OF CENTERLINE, UP TO 522 FT MSL. POLES BEGINNING 2125 FT FROM DER, 39 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/485 FT MSL. POLE 2226 FT FROM DER, 19 FT RIGHT OF CENTERLINE, 43 FT AGL/488 FT MSL. TREES, POLES BEGINNING 2333 FT FROM DER, 55 FT RIGHT OF CENTERLINE, UP TO 509 FT MSL. TREE, POLES, TRANSMISSION LINE BEGINNING 2601 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 530 FT MSL. TREES, TRANSMISSION LINE, POLES, BUILDING BEGINNING 2949 FT FROM DER, 88 FT LEFT OF CENTERLINE, UP TO 566 FT MSL. TREE, POLES BEGINNING 3042 FT FROM DER, 26 FT RIGHT OF CENTERLINE, UP TO 532 FT MSL. POLES BEGINNING 3611 FT FROM DER, 246 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/575 FT MSL. POLES, TRANSMISSION LINE BEGINNING 3802 FT FROM DER, 119 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/583 FT MSL. POLES. TRANSMISSION LINE BEGINNING 3920 FT FROM DER. 38 FT LEFT OF CENTERLINE. UP TO 43 FT AGL/589 FT MSL. TRANSMISSION LINE. POLES BEGINNING 4371 FT FROM DER, 362 FT LEFT OF CENTERLINE, UP TO 62 FT AGL/594 FT MSL. POLES BEGINNING 4389 FT FROM DER, 131 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/533 FT MSL. TREE, POLES BEGINNING 4443 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 624 FT MSL. POLE 4576 FT FROM DER, 53 FT RIGHT OF CENTERLINE, 45 FT AGL/541 FT MSL. POLES BEGINNING 4720 FT FROM DER, 102 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/545 FT MSL. TRANSMISSION LINE, POLE BEGINNING 5111 FT FROM DER, 246 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/548 FT MSL. POLES BEGINNING 5145 FT FROM DER, 340 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/641 FT MSL, TREE, POLES BEGINNING 5412 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 654 FT MSL, TRANSMISSION LINE 5476 FT FROM DER, 374 FT RIGHT OF CENTERLINE, 55 FT AGL/552 FT MSL. TREE, POLES BEGINNING 5712 FT FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 672 FT MSL. TREES, POLES. TRANSMISSION LINE BEGINNING 5782 FT FROM DER, 67 FT RIGHT OF CENTERLINE, UP TO 628 FT MSL. POLE 1.1 NM FROM DER, 2123 FT LEFT OF CENTERLINE, 40 FT AGL/1219 FT MSL. TOWER 1.1

DP NAMENUMBERDP COMPUTER CODESUPERSEDED NUMBERDATEDACTUAL EFFECTIVE DATEMISSION BAYTWOMZB2.MZBMISSION BAY ONE12/07/201722 APRIL 2021

NM FROM DER, 2086 FT LEFT OF CENTERLINE, 60 FT AGL/1236 FT MSL. TOWER, POLES, TREES, TERRAIN, FENCE, VEGETATION, TRANSMISSION LINES BEGINNING 1.1 NM FROM DER, 51 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/1242 FT MSL. TREE 1.1 NM FROM DER, 523 FT RIGHT OF CENTERLINE, 672 FT MSL. POLE 1.1 NM FROM DER, 2249 FT RIGHT OF CENTERLINE, 37 FT AGL/689 FT MSL. TRANSMISSION LINE 1.2 NM FROM DER, 1980 FT RIGHT OF CENTERLINE, 38 FT AGL/771 FT MSL. POLES BEGINNING 1.2 NM FROM DER, 1962 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/774 FT MSL. BUILDING, POLE BEGINNING 1.2 NM FROM DER, 517 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/813 FT MSL. TREES, POLES, TRANSMISSION LINES BEGINNING 1.2 NM FROM DER, 52 FT RIGHT OF CENTERLINE, UP TO 824 FT MSL.

NOTE: RWY 9R: POLE 921 FT FROM DER, 521 FT RIGHT OF CENTERLINE, 42 FT AGL/432 FT MSL. VEHICLE ON ROAD 1544 FT FROM DER, 404 FT LEFT OF CENTERLINE, 428 FT MSL. TRANSMISSION LINE, SIGN BEGINNING 1669 FT FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 51 FT AGL/452 FT MSL. VEHICLE ON ROAD 1827 FT FROM DER, 409 FT LEFT OF CENTERLINE, 430 FT MSL. BUILDING 1855 FT FROM DER, 772 FT LEFT OF CENTERLINE, 24 FT AGL/448 FT MSL. TREES, POLES BEGINNING 1879 FT FROM DER, 732 FT LEFT OF CENTERLINE, UP TO 468 FT MSL. POLES BEGINNING 1960 FT FROM DER, 67 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/455 FT MSL. TOWER, TREE BEGINNING 2042 FT FROM DER, 258 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/459 FT MSL. TREE 2226 FT FROM DER. 173 FT LEFT OF CENTERLINE, 480 FT MSL. TREE, POLE, BUILDING BEGINNING 2352 FT FROM DER. 264 FT LEFT OF CENTERLINE, UP TO 486 FT MSL. TREE, POLE BEGINNING 2363 FT FROM DER, 594 FT LEFT OF CENTERLINE, UP TO 499 FT MSL, TREE, POLES BEGINNING 2490 FT FROM DER, 41 FT RIGHT OF CENTERLINE, UP TO 480 FT MSL, TREE 2569 FT FROM DER, 1038 FT LEFT OF CENTERLINE, 519 FT MSL. TREES, POLES, VEHICLE ON ROAD BEGINNING 2573 FT FROM DER, 92 FT LEFT OF CENTERLINE, UP TO 522 FT MSL. TREES, POLES, TRANSMISSION LINE BEGINNING 3540 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 530 FT MSL. TREE, POLE BEGINNING 3633 FT FROM DER, 82 FT RIGHT OF CENTERLINE, UP TO 505 FT MSL. TREES, POLES, TRANSMISSION LINE BEGINNING 3888 FT FROM DER, 45 FT LEFT OF CENTERLINE, UP TO 566 FT MSL. POLES, TRANSMISSION LINE BEGINNING 4572 FT FROM DER, 259 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/567 FT MSL, POLES, TRANSMISSION LINE BEGINNING 4885 FT FROM DER, 116 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/584 FT MSL, TRANSMISSION LINE, POLES BEGINNING 5310 FT FROM DER, 288 FT LEFT OF CENTERLINE, UP TO 62 FT AGL/594 FT MSL. TREE, POLES, TRANSMISSION LINE BEGINNING 5382 FT FROM DER, 173 FT LEFT OF CENTERLINE, UP TO 624 FT MSL. POLES BEGINNING 1 NM FROM DER, 118 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/641 FT MSL. TREE, POLES, TRANSMISSION LINE BEGINNING 1 NM FROM DER, 44 FT LEFT OF CENTERLINE, UP TO 654 FT MSL. TREES, POLES BEGINNING 1 NM FROM DER, 51 FT LEFT OF CENTERLINE, UP TO 672 FT MSL. TREES, POLES, TRANSMISSION LINE BEGINNING 1.1 NM FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 628 FT MSL. POLE 1.2 NM FROM DER, 2543 FT LEFT OF CENTERLINE, 40 FT AGL/1219 FT MSL. TOWER 1.2 NM FROM DER, 2507 FT LEFT OF CENTERLINE, 60 FT AGL/1236 FT MSL, TOWER, TREES, POLES, TERRAIN, FENCE, VEGETATION, TRANSMISSION LINES BEGINNING 1,2 NM FROM DER, 11 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/1242 FT MSL, TREE 1.3 NM FROM DER, 103 FT RIGHT OF CENTERLINE, 672 FT MSL, POLE 1.3 NM FROM DER, 1829 FT RIGHT OF CENTERLINE, 37 FT AGL/689 FT MSL, TRANSMISSION LINE 1.3 NM FROM DER, 1559 FT RIGHT OF CENTERLINE, 38 FT AGL/771 FT MSL. POLES BEGINNING 1.3 NM FROM DER, 1541 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/774 FT MSL. BUILDING, POLE BEGINNING 1.3 NM FROM DER, 97 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/813 FT MSL. TREES, POLES, BEGINNING 1.3 NM FROM DER, 193 FT RIGHT OF CENTERLINE, UP TO 824 FT MSL.

NOTE: RWY 17: FENCE 14 FT FROM DER, 43 FT RIGHT OF CENTERLINE, 9 FT AGL/393 FT MSL. POLE 36 FT FROM DER, 456 FT RIGHT OF CENTERLINE, 40 FT AGL/424 FT MSL. POLES, BUILDING BEGINNING 50 FT FROM DER, 123 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/428 FT MSL. POLES, BUILDINGS BEGINNING 266 FT FROM DER, 149 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/429 FT MSL. TREES, POLE, BUILDING BEGINNING 390 FT FROM DER, 33 FT RIGHT OF CENTERLINE, UP TO 457 FT MSL. TREES, POLE, BUILDING BEGINNING 970 FT FROM DER, 57 FT LEFT OF CENTERLINE, UP TO 470 FT MSL. TREES, BUILDING, POLES BEGINNING 1618 FT FROM DER, 54 FT LEFT OF CENTERLINE, UP TO 472 FT MSL. POLE 1.4 NM FROM DER, 2367 FT RIGHT OF CENTERLINE, 43 FT AGL/614 FT MSL. POLE 1.5 NM FROM DER, 2346 FT RIGHT OF CENTERLINE, 43 FT AGL/658 FT MSL. POLES BEGINNING 1.6 NM FROM DER, 2319 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/746 FT MSL.

NOTE: RWY 27L: TREE 1548 FT FROM DER, 765 FT RIGHT OF CENTERLINE, 428 FT MSL. TREES BEGINNING 2189 FT FROM DER, 700 FT RIGHT OF CENTERLINE, UP TO 453 FT MSL. TREE 2943 FT FROM DER, 655 FT LEFT OF CENTERLINE, 441 FT MSL. TREE, BUILDING BEGINNING 3732 FT FROM DER, 464 FT LEFT OF CENTERLINE, UP TO 470 FT MSL. TREE, POLE BEGINNING 5745 FT FROM DER, 827 FT LEFT OF CENTERLINE, UP TO 572 FT MSL. VEGETATION 1.4 NM FROM DER, 1507 FT LEFT OF CENTERLINE, 722 FT MSL.

NOTE: RWY 27R: TREE, POLES BEGINNING 178 FT FROM DER, 235 FT RIGHT OF CENTERLINE, UP TO 411 FT MSL. VEHICLE ON ROAD 510 FT FROM DER, 412 FT LEFT OF CENTERLINE, 379 FT MSL. TREES, POLES BEGINNING 525 FT FROM DER, 38 FT RIGHT OF CENTERLINE, UP TO 453 FT MSL. POLE 799 FT FROM DER, 83 FT LEFT OF CENTERLINE, 41 FT AGL/390 FT MSL. TREES, POLES BEGINNING 2068 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 470 FT MSL. TREE, TOWER BEGINNING 4080 FT FROM DER, 978 FT LEFT OF CENTERLINE, 572 FT MSL. VEGETATION 1.2 NM FROM DER, 1924 FT LEFT OF CENTERLINE, 722 FT MSL.

NOTE: RWY 35: POLE 34 FT FROM DER, 202 FT RIGHT OF CENTERLINE, 21 FT AGL/388 FT MSL. POLE, BUILDING BEGINNING 51 FT FROM DER, 248 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/399 FT MSL. TREES, BUILDING, POLES BEGINNING 231 FT FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 447 FT MSL. POLES BEGINNING 381 FT FROM DER, 336 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/405 FT MSL. TREE 1107 FT FROM DER, 118 FT LEFT OF CENTERLINE, 408 FT MSL. TREE 1145 FT FROM DER, 581 FT LEFT OF CENTERLINE, 427 FT MSL. TREE 1486 FT FROM DER, 293 FT LEFT OF CENTERLINE, 438 FT MSL. TREES BEGINNING 1487 FT FROM DER, 344 FT LEFT OF CENTERLINE, UP TO 439 FT MSL.

CONTROLLING OBSTACLES:

RWY 9L: 2765 FT MSL AAO 324146.86N/1165611.24W (CLIMB GRADIENT/CLIMB TO ALTITUDE), 1242 FT MSL TOWER 324940.77N/1165628.19W (CEILING), 732 FT MSL POLE 324859.17N/1165539.96W (VISIBLITY)

RWY 9R: 2765 FT MSL AAO 324146.86N/1165611.24W (CLIMB GRADIENT/CLIMB TO ALTITUDE), 981 FT MSL VEGETATION 324932.05N/1165624.50W (CEILING), 732 FT MSL POLE 324859.17N/1165539.96W (VISIBILITY)

RWY 17: 1408 FT MSL MONUMENT 324601.34N/1165900.17W (CLIMB GRADIENT/CLIMB TO ALTITUDE)

RWY 27L: 679 FT MSL TREE 324932.60N/1165936.18W (CLIMB GRADIENT), 2479 FT MSL AAO 324158.26N/1165611.06W (CLIMB TO ALTITUDE)

RWY 27R: 819 FT MSL TREE 324940.81N/1170022.22W (CLIMB GRADIENT), 2499 FT MSL AAO 324158.01N/1165610.89W (CLIMB TO ALTITUDE)



DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMB	ER DATED	ACTUAL EFFECTIVE DATE	
MISSION BAY		TWO	MZB2.MZB	MISSION BAY ONE	12/07/2017	22 APRIL 2021	
RWY 35: 1624 FT MSL TOWER 324849. /ISUAL CLIMB AREA OBSTACLE: 1624 DBSTACLE OUTSIDE VISUAL CLIMB AF	FT MSL TOWER 324849.00N/11	70156.00W	•	6623.77W			
LOST COMMUNICATIONS PROCEDUR	<u>ES</u> :						
ADDITIONAL FLIGHT DATA: REFERENCE MAG VAR: KSEE 13E EPC	OCH YR: 1990						
AIRPORTS SERVED:							
AIRPORT	<u>NAME</u>	AIRPORT ID		CITY	<u>STATE</u>		
GILLESPIE	FIELD	KSEE		SAN DIEGO/EL C	CA		
COMMUNICATIONS: ZLA, SEE ATCT, SOCAL APP CON FIXES AND/OR NAVAIDS:							
REMARKS: LETTER OF APPROVAL ON FILE FOR F DBSTACLES. RETAINED RUNWAY 9L/I PRECIPITOUS TERRAIN EVALUATED.				D USING CEILING, VISIBI	LITY AND LOWERING CI	LIMB GRADIENT TO MITIGATE	
FLIGHT INSPECTED BY	Digitally signed by			<u>OFFICE</u>	DATE		
DANIEL C FAVORITE	DONALD H LANIER Nov 19, 2020			FICO	11/17/2020		
DEVELOPED BY	Digitally signed by			<u>OFFICE</u>	DATE		
DONALD LANIER (DEXTER SWEETING)				AJV-A431	09/06/2019		
	Nov 19, 2020						
APPROVED BY	Digitally signed by			OFFICE	DATE	<u>TITLE</u>	
GEORGE DAVIS	DONALD H LANIER			AJV-A430		MANAGER	
	Nov 19, 2020						

REQUIRED EFFECTIVE DATE ROUTINE

COORDINATED WITH:

ALPA 🔀 A4A

APA

HAI 🗌

NBAA 🔀

OTHER: ATCT, AMGR

CHANGES - REASONS:

1. CHANGED RWY 27L/R DP ROUTE DECRIPTION FROM "CLIMBING RIGHT TURN ON HEADING 165.00 THENCE..." TO " CLIMBING RIGHT TURN ON HEADING 062.00° AND ON PGY R-348 THENCE..." -REDESIGN OF DEPARTURE ROUTE PER ATC REQUEST TO ACHIEVE A CG ≤ 500'/NM.

2. UPDATED TAKEOFF MINIMUMS RWY 17 FROM "STANDARD WITH MINIMUM CLIMB GRADIENT OF 480 PER NM TO 2200" TO "STANDARD WITH MINIMUM CLIMB GRADIENT OF 440 PER NM TO 1800." -QUALITY. NEW OBSTACLE EVALUATION.

AOPA 🔀

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
MISSION BAY	TWO	MZB2.MZB	MISSION BAY ONE	12/07/2017	22 APRIL 2021

- 3.~UPDATED~TAKEOFF~MINIMUMS~RWY~27R~FROM~"STANDARD~WITH~MINIMUM~CLIMB~GRADIENT~OF~645~PER~NM~TO~2200"~TO~"STANDARD~WITH~MINIMUM~CLIMB~GRADIENT~OF~500~PER~NM~TO~2000."
- NEW OBSTACLE EVALUATION.
- 4. UPDATED TAKEOFF MINIMUMS RWY 27L FROM "STANDARD WITH MINIMUM CLIMB GRADIENT OF 600 PER NM TO 2200" TO "STANDARD WITH MINIMUM CLIMB GRADIENT OF 500 PER NM TO 2000."
- NEW OBSTACLE EVALUATION.
- 5. UPDATED TAKEOFF MINIMUMS RWY 35 FROM "STANDARD WITH MINIMUM CLIMB GRADIENT OF 440 PER NM TO 2000" TO "STANDARD WITH MINIMUM CLIMB GRADIENT OF 360 PER NM TO 1900." NEW OBSTACLE EVALUATION.
- 6. UPDATED TAKEOFF OBSTACLE NOTES FOR ALL RWYS NEW OBSTACLE EVALUATION COMPLETED.
- 7. UPDATED CONTROLLING OBSTACLES FOR ALL RWYS NEW OBSTACLE EVALUATION COMPLETED.

