

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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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SUPERSEDED NUMBER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>
PADZ	TWO	PADZ2.PADZ	ONE	03/02/2017	07 DEC 2017
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This is a corrected copy of the procedure published in NFDD 208. See page 7 for details.

DP ROUTE DESCRIPTION:

SAN DIEGO INTL:

TAKEOFF RW27: CLIMB HEADING 275.00 TO 520, THEN RIGHT TURN DIRECT WNFLD, THEN ON TRACK 296.42 TO KERNL, THEN ON TRACK 296.29 TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

BROWN FIELD MUNI:

TAKEOFF RW08L: CLIMBING LEFT TURN HEADING 280.00 TO 2900, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

TAKEOFF RW26R: CLIMBING RIGHT TURN HEADING 280.00 TO 2300, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

GILLESPIE FIELD:

TAKEOFF RW09L: CLIMBING RIGHT TURN HEADING 165.00 AND ON MZB R-076 TO MZB VORTAC TO 3000, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

TAKEOFF RW09R: CLIMBING RIGHT TURN HEADING 165.00 AND ON MZB R-076 TO MZB TO 3000, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

TAKEOFF RW17: CLIMB HEADING 165.00 AND MZB R-076 TO MZB VORTAC TO 2800, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

TAKEOFF RW27L: CLIMBING RIGHT TURN HEADING 320.00 TO 3000, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

TAKEOFF RW27R: CLIMBING RIGHT TURN HEADING 320.00 TO 3000, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

TAKEOFF RW35: CLIMBING LEFT TURN HEADING 320.00 TO 3000, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE ...

MC CLELLAN-PALOMAR:

TAKEOFF RW06: CLIMBING LEFT TURN HEADING 245.00 TO 2300, DO NOT EXCEED 210 KIAS UNTIL ESTABLISHED ON HEADING 245.00, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

TAKEOFF RW24: CLIMB HEADING 245.00 TO 2300, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

MONTGOMERY-GIBBS EXECUTIVE:

TAKEOFF RW10L: CLIMBING RIGHT TURN HEADING 270.00 TO 2000, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

TAKEOFF RW10R: CLIMBING RIGHT TURN HEADING 270.00 TO 2000, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

TAKEOFF RW23: CLIMBING RIGHT TURN HEADING 270.00 TO 2000, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

TAKEOFF RW28L: CLIMBING LEFT TURN HEADING 270.00 TO 2000, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

TAKEOFF RW28R: CLIMBING LEFT TURN HEADING 270.00 TO 2000, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE....

RAMONA: (KRNM)

TAKEOFF RW27: CLIMB HEADING 267.97 TO 2600, EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000, THEN ON TRACK 308.47 TO PADZ, THENCE...

...ON (TRANSITION). MAINTAIN 15000. EXPECT HIGHER ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

QUALITY
3
CHECKED

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PADRZ			TWO	PADRZ2.PADRZ	ONE	03/02/2017	07 DEC 2017
TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	CROSSING ALTITUDE/FIXES
CHKNN	PADRZ2.CHKNN	PADRZ	HFMNN	TRACK 309.69	29.61	10000	
		HFMNN	CHKNN	TRACK 324.28	12.04	16000	
DINTY	PADRZ2.DINTY	PADRZ	SXC VORTAC	TRACK 280.29	30.09	10000	
		SXC VORTAC	DINTY	TRACK 261.92	209.19	12000	
SHAFTER	PADRZ2.EHF	PADRZ	HFMNN	TRACK 309.69	29.61	10000	
		HFMNN	CHKNN	TRACK 324.28	12.04	16000	
		CHKNN	RIDDL	TRACK 326.19	15.83	16000	
		RIDDL	LANDO	TRACK 341.73	61.02	16000	
		LANDO	EHF VORTAC	TRACK 309.26	36.86	16000	
IKAYE	PADRZ2.IKAYE	PADRZ	IKAYE	TRACK 303.99	80.86	10000	
MALIT	PADRZ2.MALIT	PADRZ	SXC VORTAC	TRACK 280.29	30.09	10000	
		SXC VORTAC	MALIT	TRACK 217.00	80.00	12000	
OROSZ	PADRZ2.ROSZ	PADRZ	HFMNN	TRACK 309.69	29.61	10000	
		HFMNN	CHKNN	TRACK 324.28	12.04	16000	
		CHKNN	RIDDL	TRACK 326.19	15.83	16000	
		RIDDL	TWINE	TRACK 326.10	20.01	16000	
		TWINE	OROSZ	TRACK 326.78	7.57	16000	

PROCEDURAL DATA NOTES:

NOTE: RNAV 1

NOTE: RADAR REQUIRED.

NOTE: TURBOJETS AND TURBOPROPS ONLY.

NOTE: CHKNN, SHAFTER, IKAYE, OROSZ TRANSITIONS: DME/DME/IRU OR GPS REQUIRED.

NOTE: DINTY, MALIT TRANSITIONS: GPS ONLY

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NOTE: FOR NON-GPS EQUIPPED AIRCRAFT, OCEANSIDE (OCN) MUST BE OPERATIONAL.

NOTE: DINTY TRANSITION ATC ASSIGNED ONLY.

NOTE: DINTY AND MALIT TRANSITIONS N/A FROM SEE, SDM AND RNM AIRPORTS.

TAKEOFF MINIMUMS:

SAN DIEGO INTL: (KSAN)

RWY 09 - N/A ATC

RWY 27 - RWY 27, 400-2½ OR STANDARD WITH MINIMUM CLIMB OF 353 FT PER NM TO 3000.

BROWN FIELD MUNI: (KSDM)

RWY 8R/26L - N/A, ATC.

RWY 8L - STANDARD WITH A MINIMUM CLIMB OF 570 FT/NM TO 3100.

RWY 26R - STANDARD.

GILLESPIE FIELD: (KSEE)

RWY 9L - 900-2 3/4 WITH MINIMUM CLIMB OF 400 FT PER NM TO 3600.

RWY 9R - 900-2 3/4 WITH MINIMUM CLIMB OF 405 FT PER NM TO 3600.

RWY 17 - STANDARD WITH MINIMUM CLIMB OF 480 FT PER NM TO 2200.

RWY 27L - STANDARD WITH MINIMUM CLIMB OF 320 FT PER NM TO 1200.

RWY 27R - STANDARD WITH MINIMUM CLIMB OF 420 FT PER NM TO 1200.

RWY 35 - STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 1600.

MC CLELLAN-PALOMAR: (CRQ)

RWY 06 - STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 1700.

RWY 24 - STANDARD.

MONTGOMERY-GIBBS EXECUTIVE: (KMYF)

RWY 05 - N/A, ATC.

RWY 10L/R - RWY 23; RWY 28L/R - STANDARD.

RAMONA: (KRNM)

RWY 09 - N/A, ATC.

RWY 27 - STANDARD WITH MINIMUM CLIMB OF 332 FT/NM TO 2600.

TAKEOFF OBSTACLES NOTES:

SAN DIEGO INTL:

NOTE: RWY 27, POLE 192 FEET FROM DER, 347 FEET RIGHT OF CENTERLINE, 17 FEET AGL/29 FEET MSL. NAVAID 284 FEET FROM DER, 317 FEET LEFT OF CENTERLINE, 19 FEET AGL/28 FEET MSL. TREE 754 FEET FROM DER, 156 FEET RIGHT OF CENTERLINE, 24 FEET AGL/34 FEET MSL. TREE 1021 FEET FROM DER, 620 FEET RIGHT OF CENTERLINE, 71 FEET MSL. POLE 2515 FEET FROM DER, 707 FEET LEFT OF CENTERLINE, 103 FEET AGL/118 FEET MSL. TREE 2594 FEET FROM DER, 353 FEET RIGHT OF CENTERLINE, 90 FEET AGL/107 FEET MSL. TREE 3179 FEET FROM DER, 410 FEET RIGHT OF CENTERLINE, 111 FEET MSL. TREE 3494 FEET FROM DER, 947 FEET RIGHT OF CENTERLINE, 169 FEET MSL. TOWER 3675 FEET FROM DER, 14 FEET RIGHT OF CENTERLINE, 60 FEET AGL/115 FEET MSL. TREE 4248 FEET FROM DER, 403 FEET LEFT OF CENTERLINE, 75 FEET AGL/150 FEET MSL. TREE 4441 FEET FROM DER, 1199 FEET RIGHT OF CENTERLINE, 111 FEET AGL/199 FEET MSL. TREES, BEGINNING 5046 FEET FROM DER, 7 FEET LEFT OF CENTERLINE, UP TO 96 FEET AGL/235 FEET MSL. ,TREE, BLDG, BEGINNING 5693 FEET FROM DER, 272 FEET RIGHT OF CENTERLINE, UP TO 227 FEET MSL. TREE 6050 FEET FROM DER, 1703 FEET LEFT OF CENTERLINE, 256 FEET MSL. TREES, BEGINNING 1 NM FROM DER, 532 FEET LEFT OF CENTERLINE, UP TO 65 FEET AGL/261 FEET MSL. BLDG LT, TREE, BEGINNING 1 NM FROM DER, 257 FEET RIGHT OF CENTERLINE, UP TO 40 FEET AGL/238 FEET MSL. TREE 1.9 NM FROM DER, 3367 FEET LEFT OF CENTERLINE, 65 FEET AGL/328 FEET MSL.

BROWN FIELD:

NOTE: RWY 26R, TREE 1284 FT FROM DER, 778 FT LEFT OF CENTERLINE, 52 FT AGL/561 FT MSL.



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GILLESPIE FIELD:

NOTE RWY 9L, RISING TERRAIN BEGINNING 11 FT FROM DER, 202 FT LEFT OF CENTERLINE, UP TO 398 FT MSL. VEHICLE ON ROAD BEGINNING 604 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/450 FT MSL. SIGN 739 FT FROM DER, 442 FT RIGHT OF CENTERLINE, 40 FT AGL/448 FT MSL. BRIDGE 784 FT FROM DER, ON CENTERLINE, 10 FT AGL/408 FT MSL. BLDG 916 FT FROM DER, 355 FT LEFT OF CENTERLINE, 40 FT AGL/448 FT MSL. TREES BEGINNING 940 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/557 FT MSL. POLES BEGINNING 1101 FT FROM DER, 153 FT RIGHT OF CENTERLINE, 40 FT AGL/455 FT MSL. POLES BEGINNING 1173 FT FROM DER, 314 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/462 FT MSL. TREES BEGINNING 1259 FT FROM DER, 66 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/628 FT MSL. BLDG 1418 FT FROM DER, 421 FT LEFT OF CENTERLINE, 40 FT AGL/451 FT MSL.

NOTE: RWY 9R, POLES BEGINNING 921 FT FROM DER, 68 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/422 FT MSL. VEHICLE ON ROAD BEGINNING 1544 FT FROM DER, 404 FT LEFT OF CENTERLINE, UP TO 17 FT AGL/450 FT MSL. SIGN 1679 FT FROM DER, 25 FT RIGHT OF CENTERLINE, 40 FT AGL/448 FT MSL. BLDGS BEGINNING 1855 FT FROM DER, 772 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/450 FT MSL. TREES BEGINNING 1879 FT FROM DER, 65 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/691 FT MSL. POLES BEGINNING 2112 FT FROM DER, 263 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/462 FT MSL. TREES BEGINNING 2490 FT FROM DER, 258 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/505 FT MSL.

NOTE: RWY 17, FENCE 14 FEET FROM DER, 42 FT RIGHT OF CENTERLINE, 10 FT AGL/393 FT MSL. POLES BEGINNING 50 FT FROM DER, 33 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/428 FT MSL. BLDGS BEGINNING 240 FT FROM DER, 290 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/463 FT MSL. POLES BEGINNING 266 FT FROM DER, 150 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/440 FT MSL. ANTENNA ON HANGAR 282 FT FROM DER, 325 FT LEFT OF CENTERLINE, 40 FT AGL/421 FT MSL. TREES BEGINNING 390 FT FROM DER, 377 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/473 FT MSL. BLDGS BEGINNING 670 FT FROM DER, 57 FT LEFT OF CENTERLINE, 40 FT AGL/429 FT MSL. TREES BEGINNING 1068 FT FROM DER, 54 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/472 FT MSL. NOTE: RWY 27L, AIRCRAFT ON TAXIWAY 9 FT FROM DER, 195 FT LEFT OF CENTERLINE, 15 FT AGL/384 FT MSL. TREES BEGINNING 1548 FT FROM DER, 700 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/470 FT MSL.

NOTE: RWY 27R, TREES BEGINNING 179 FT FROM DER, 54 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/453 MSL. POLES BEGINNING 316 FT FROM DER, 161 FT RIGHT OF CENTERLINE, 40 FT AGL/390 FT MSL. RAILROAD 511 FT FROM DER, 412 FT LEFT OF CENTERLINE, 23 FT AGL/379 FT MSL. OL ON RR SIGNAL 799 FT FROM DER, 83 FT LEFT OF CENTERLINE, 30 FT AGL/390 FT MSL. TREES BEGINNING 2069 FT FROM DER, 71 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/470 FT MSL. POLE 2142 FT FROM DER, 95 FT LEFT OF CENTERLINE, 30 FT AGL/420 FT MSL. NOTE: RWY 35, POLES BEGINNING 50 FT FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/431 MSL. BLDGS BEGINNING 61 FT FROM DER, 134 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/388 FT MSL. TREES BEGINNING 179 FT FROM DER, 67 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/447 FT MSL. POLE 593 FT FROM DER, 336 FT LEFT OF CENTERLINE, 35 FT AGL/396 FT MSL. TREES BEGINNING 670 FROM DER, 118 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/439 FT MSL.

MC CLELLAN-PALOMAR:

NOTE: RWY 06: FENCE BEGINNING 6 FT FROM DER, 453 FT LEFT OF CENTERLINE, UP TO 1 FT AGL/328 FT MSL. OBSTRUCTION LIGHT ON BLAST FENCE BEGINNING 96 FT FROM DER, 398 FT RIGHT OF CENTERLINE, UP TO 18 FT AGL/332 FT MSL. TREE 325 FT FROM DER, 508 FT LEFT OF CENTERLINE, 347 FT MSL. TREES BEGINNING 519 FT FROM DER, 504 FT LEFT OF CENTERLINE, UP TO 379 FT MSL. TREE 3682 FT FROM DER, 945 FT LEFT OF CENTERLINE, 424 FT MSL. TREES, EQUIPMENT ON BUILDING, OBSTRUCTION LIGHT ON FLAGPOLE BEGINNING 3682 FT FROM DER, 333 FT LEFT OF CENTERLINE, UP TO 428 FT MSL. TREES BEGINNING 4032 FT FROM DER, 489 FT LEFT OF CENTERLINE, UP TO 439 FT MSL. TREES, LIGHT POLES BEGINNING 4040 FT FROM DER, 318 FT RIGHT OF CENTERLINE, UP TO 445 FT MSL. LIGHT POLES BEGINNING 4705 FT FROM DER, 485 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/457 FT MSL. TREES 4866 FT FROM DER, 988 FT LEFT OF CENTERLINE, 457 FT MSL. TREES BEGINNING 4944 FT FROM DER, 431 FT RIGHT OF CENTERLINE, UP TO 465 FT MSL. LIGHT POLES BEGINNING 4985 FT FROM DER, 536 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/468 FT MSL. TREE, LIGHT POLES BEGINNING 5123 FT FROM DER, 576 FT RIGHT OF CENTERLINE, UP TO 476 FT MSL. TREES 5493 FT FROM DER, 753 FT RIGHT OF CENTERLINE, 489 FT MSL. TREES, LIGHT POLES BEGINNING 5663 FT FROM DER, 569 FT RIGHT OF CENTERLINE, UP TO 502 FT MSL. TREES 6015 FT FROM DER, 896 FT RIGHT OF CENTERLINE, 507 FT MSL. TREE 1.1 NM FROM DER, 1131 FT RIGHT OF CENTERLINE, 506 FT MSL.

NOTE: RWY 24: TERRAIN BEGINNING 25 FT FROM DER, 287 FT RIGHT OF CENTERLINE, UP TO 339 FT MSL. BUSH 36 FT FROM DER, 276 FT RIGHT OF CENTERLINE, 340 FT MSL. TREE 106 FT FROM DER, 520 FT LEFT OF CENTERLINE, 342 FT MSL.

MONTGOMERY -GIBBS EXECUTIVE:

NOTE: RWY 23, TREE, FLAG POLE, AND TRANSMISSION TOWERS BEGINNING 1594 FT FROM DER, 82 FT RIGHT OF CENTERLINE, UP TO 125 FT AGL/545 FT MSL.

TRANSMISSION TOWERS BEGINNING 2627 FT FROM DER, 414 FT LEFT OF CENTERLINE UP TO 125 FT AGL/524 FT MSL

NOTE: RWY 10L, TREES BEGINNING 230 FT FROM DER, 494 FT LEFT OF CENTERLINE, UP TO 57FT AGL/486 FT MSL TREES BEGINNING 1172 FT FROM DER, 591 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/488 FT MSL.

NOTE: RWY 10R, ROD ON ELECTRICAL EQUIPMENT 40 FT FROM DER, 66 FT LEFT OF CENTERLINE, 7FT AGL/426 FT MSL. TREES BEGINNING 2107 FT FROM DER, 199 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/488 FT MSL.

NOTE: RWY 28L, BUSHES AND POLES BEGINNING 35 FT FROM DER, 160 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/451 FT MSL TREES BEGINNING 1008 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/451 FT MSL.

NOTE: RWY 28R, BUSHES, TREES, AND POLES BEGINNING 34 FT FROM DER, 162 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/451 FT MSL. TREES, SIGNS, AND POLES BEGINNING 768 FT FROM DER, 98 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/488 FT MSL

QUALITY
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RAMONA:

NOTE: RWY 9, SIGN 23 FT FROM DER, 178 FT LEFT OF CENTERLINE, 9 FT AGL/1399 FT MSL. TREE 94 FT FROM DER, 343 FT RIGHT OF CENTERLINE, 20 FT AGL/1403 FT MSL. TREES BEGINNING 2468 FT FROM DER, 180 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1539 FT MSL. TREES BEGINNING 2637 FT FROM DER, 305 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1487 FT MSL.

NOTE: RWY 27, TREE 657 FT FROM DER, 12 FT LEFT OF CENTERLINE, 100 FT AGL/1499 MSL. TREES 1.85 NM FROM DER, 92 FT FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1719 FT MSL.

CONTROLLING OBSTACLES:**SAN DIEGO INTL:**

RWY 27: 169 FT MSL TREE 324432.18W/1171251.95W (CG), 339 FT MSL TREE 324422.95N/1171419.48W (CTA), 379 FT MSL TREE 324411.85N/1171433.22W (CEILING/VIS).

BROWN FIELD MUNI:

RWY 8L: 2427 FT MSL AAO 323534.72N/1165255.50W

GILLESPIE FIELD:

RWY 09L: 2765 FT MSL AAO 324146.86N/1165611.24W (CLIMB GRADIENT/CLIMB TO ALTITUDE), 1242 FT MSL TOWER 325940.77N/1165628.19W (CEILING), 1099 FT MSL TREE 324935.61N/1165625.30W (VISIBILITY)

RWY 09R: 2765 FT MSL AAO 324146.86N/1165611.24W (CLIMB GRADIENT/CLIMB TO ALTITUDE), 899 FT MSL TREE 324937.29N/1165639.99W (CEILING), 802 FT MSL FENCE 324927.01N/1165626.19W (VISIBILITY)

RWY 17: 1691 FT MSL TREE 324845.00N/1170155.00W

RWY 27L: 722 FT MSL BUSH 324942.75N/1170022.04W (CLIMB GRADIENT), 1146 FT MSL BLDG 325148.14N/1170240.49W (CLIMB TO ALTITUDE)

RWY 27R: 572 FT MSL TREE 324942.46N/1165942.32W (CLIMB GRADIENT), 1146 FT MSL BLDG 325148.14N/1170240.49W (CLIMB TO ALTITUDE)

RWY 35: 1259 FT MSL AAO 325243.12N/1165809.25W

MC CLELLAN-PALOMAR:

RWY 06: 1880 FT MSL AAO 331243.90N/1171102.76W.

RAMONA:

RWY 9: 4719 FT MSL AAO 331121.08N/1164427.04W.

RWY 27: 2240 FT MSL TREE 330312.47N/1165919.38W.

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

DO NOT CHART MALIT AND DINTY TRANSITIONS FOR KSDM, KSEE, AND KRNM.

REFERENCE MAGNETIC VARIATION: 11E/2020

DME/DME ASSESSMENT: SAT (RNP 2.0)

PILOT NAVIGATION AREA:

10 NM ARC CENTERED ON GYWNN (IF) CW FROM POINT A (BEARING 260.47 TO GYWNN) TO POINT B BEARING 350.47 TO GYWNN)

CHART: MINIMUM CROSSING ALTITUDE AT GYWNN 8000.

CHART: TOP ALTITUDE 15000.



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AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
SAN DIEGO INTL (KSAN)	SAN DIEGO	CA
BROWN FIELD MUNI (KSDM)	SAN DIEGO	CA
GILLESPIE FIELD (KSEE)	SAN DIEGO/ EL CAJON	CA
MC CLELLAN-PALOMAR (CRQ)	CARLSBAD	CA
MONTGOMERY-GIBBS EXECUTIVE (KMYF)	SAN DIEGO	CA
RAMONA (KRNM)	RAMONA	CA

COMMUNICATIONS:

KSAN: ATIS, CLNC DEL, GND CON, LINDBERGH TOWER, SOCAL DEP CON WEST
 KSDM: ATIS, ATCT, SOCAL DEP CON
 KSEE: ATIS, ATCT, SOCAL DEP CON
 KCRQ: ATIS, ATCT, SOCAL DEP CON
 KMYF: ATIS, ATCT, SOCAL DEP CON
 KRNM: ATIS, ATCT, SOCAL DEP CON

FIXES AND/OR NAVAIDS:**REMARKS:**

LETTER OF APPROVAL FOR EXCESSIVE CLIMB GRADIENT (570 FT/NM) FROM KSDM RWY 8L ON FILE.
 ABBREVIATED AMENDMENT



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FLIGHT INSPECTED BY:

DANIEL C FAVORITE

*Digitally signed by***STEVEN A VARGAS**

Oct 31, 2017

OFFICE SYMBOL:

FICO

DATE:

08/29/2017

DEVELOPED BY: *Digitally signed by*

ROSE BOONE

ROSE BOONE

Oct 31, 2017

OFFICE SYMBOL:

AJV-5412

DATE:

06/07/2017

APPROVED BY:

JULIE MORGAN

*Digitally signed by***STEVEN A VARGAS**

Oct 31, 2017

OFFICE SYMBOL:

AJV-5420

DATE:**REQUIRED EFFECTIVE DATE:**

ROUTINE

COORDINATED WITH:**A4A****ALPA****AOPA****APA****HAI****NBAA****OTHER:****CHANGES - REASONS:**

1. ADDED IN DP ROUTE DESCRIPTION FOR ALL RUNWAYS: EXPECT VECTORS TO CROSS GYWNN AT OR ABOVE 8000 - COINCIDES WITH CODED ALTITUDE REQUIREMENTS.
2. UPDATED GILLESPIE FIELD (KSEE) TAKE OFF MINIMUMS: RWY 17 CLIMB GRADIENT FROM 465 TO 1900 TO 480 TO 2200 - OBSTACLE STUDY.
3. UPDATED GILLESPIE FIELD (KSEE) CONTROLLING OBSTACLE INFORMATION FOR RWY 9R: ADDED 899 FT MSL TREE 324937.29N/1165639.99W (CEILING) AND 802 FT MSL FENCE 324927.01N/1165626.19W (VISIBILITY) - OBSTACLE STUDY; UPDATED CONTROLLING OBSTACLE INFORMATION FOR RWY 9L: ADDED 1099 FT MSL TREE 324935.61N/1165625.30W (VISIBILITY) - OBSTACLE STUDY. CHANGES 2 & 3 ARE IN REFERENCE TO DEVELOPMENT OF THE MISSION BAY ONE ODP.

08/01/2017: THIS IS AN UPDATED COPY OF THE FORM APPROVED ON 07/13/2017.

1. CHANGES AND REASONS # 3 CORRECTED TYPO WHICH SHOWED RUNWAY 9L AS 9R AND RUNWAY 9R AS 9L AND ADDED "CHANGES 2 & 3 ARE IN REFERENCE TO DEVELOPMENT OF THE MISSION BAY ONE ODP" FOR CLARIFICATION PURPOSES.

10/20/2017: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/01/2017.

1. CORRECTED FORMATTING FOR KSEE IN TAKEOFF MINIMUMS RWY 17 FROM 480 TO 2200 TO 480 FT PER NM TO 2200.
2. AIRPORTS SERVED- CHANGED CITY SPELLING FROM ROMONA TO RAMONA.

10/31/2017: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/23/2017.

1. CHANGED RMN TO RNM IN PROCEDURAL DATA NOTES, ADDITIONAL FLIGHT DATA, AND IN REMARKS ON THE 8260-15C.



**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>
PADRZ		TWO		PADRZ2.PADRZ		ONE		03/02/2017	07 DEC 2017
<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>
SAN DIEGO INTL (KSAN)									
RW27 (AER)*	324352.94N/1171050.26W*	N	-	-	-	-			*DISPL THLD (1810.00 FT)
520 MSL	-	-	-	VA	286.00	-			CG 500 FT/NM TO 3000
WNFLD	324752.83N/1171857.49W	Y	FB	DF	-	-			RIGHT TURN
KERNL	325546.80N/1173113.10W	Y	FB	TF	307.42	12.99			
GYWNN	330348.44N/1174345.23W	Y	FB	TF	307.29	13.24	AT/ABOVE 8000		
PADRZ	331138.00N/1175143.00W	Y	FB	TF	319.47	10.28			
PADRZ	331138.00N/1175143.00W	Y	-	IF	-	-			PADRZ2.CHKNN
HFMNN	333433.14N/1181410.12W	Y	FB	TF	320.69	29.61			
CHKNN	334530.18N/1182012.29W	Y	FB	TF	335.28	12.04			
PADRZ	331138.00N/1175143.00W	Y	-	IF	-	-			PADRZ2.DINTY
SXC VORTAC	332230.20N/1182511.68W	Y	FB	TF	291.29	30.09			
DINTY	332858.49N/1223502.38W	Y	FB	TF	272.92	209.19			N/A FROM KSEE, KS DM AND KRNM (DO NOT CODE)
PADRZ	331138.00N/1175143.00W	Y	-	IF	-	-			PADRZ2.EHF
HFMNN	333433.14N/1181410.12W	Y	FB	TF	320.69	29.61			
CHKNN	334530.18N/1182012.29W	Y	FB	TF	335.28	12.04			
RIDDL	340007.30N/1182735.28W	Y	FB	TF	337.19	15.83			
LANDO	350044.74N/1183658.94W	Y	FB	TF	352.73	61.02			
EHF VORTAC	352904.40N/1190550.27W	Y	FB	TF	320.26	36.86			

QUALITY
35
CHECKED

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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>
PADRZ		TWO		PADRZ2.PADRZ		ONE		03/02/2017	07 DEC 2017
<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>
PADRZ	331138.00N/1175143.00W	Y	-	IF	-	-			PADRZ2.IKAYE
IKAYE	340835.00N/1190037.00W	Y	FB	TF	314.99	80.86			
PADRZ	331138.00N/1175143.00W	Y	-	IF	-	-			PADRZ2.MALIT
SXC VORTAC	332230.20N/1182511.68W	Y	FB	TF	291.29	30.09			
MALIT	322832.13N/1193528.25W	Y	FB	TF	228.00	80.00			N/A FROM KSEE, KS DM AND KRNM (DO NOT CODE)
PADRZ	331138.00N/1175143.00W	Y	-	IF	-	-			PADRZ2.ORSZ
HFMNN	333433.14N/1181410.12W	Y	FB	TF	320.69	29.61			
CHKNN	334530.18N/1182012.29W	Y	FB	TF	335.28	12.04			
RIDDL	340007.30N/1182735.28W	Y	FB	TF	337.19	15.83			
TWINE	341834.90N/1183659.32W	Y	FB	TF	337.10	20.01			
ORSZ	342536.18N/1184027.01W	Y	FB	TF	337.78	7.57			

