

**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SUPERSEDED NUMBER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>
LAS VEGAS	FIVE	LAS5.LAS	FOUR	04/30/2015	17 AUG 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"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 1L, 1R: CLIMB HEADING 013.92 TO 2500, THEN CLIMBING RIGHT TURN HEADING 050.00, THENCE...

TAKEOFF RWY 8L, 8R: CLIMB HEADING 078.93, THENCE...

TAKEOFF RWY 19L, 19R: CLIMB HEADING 193.92 UNTIL LAS VORTAC 3.00 DME, THEN CLIMBING RIGHT TURN HEADING 220.00, THENCE ...

TAKEOFF RWY 26L, 26R: CLIMB HEADING 258.95 UNTIL LAS VORTAC 3.00 DME, THEN CLIMBING LEFT TURN HEADING 190.00, THENCE...

... RADAR VECTORS TO TRANSITION OR ASSIGNED ROUTE. MAINTAIN 7000, EXPECT CLEARANCE TO FILED ALTITUDE TWO MINUTES AFTER DEPARTURE.

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>
DOVE CREEK	LAS5.DVC	TRALR	NICLE	066.00 (LAS R-066)	50.00	FL240		TRALR AT/ABOVE 10000
		NICLE	PGA VOR/DME	054.17 (PGA R-234)	93.51	FL260		NICLE AT/ABOVE FL240
		PGA VOR/DME	DVC VORTAC	052.63 & 053.16 (PGA R-053 & DVC R-233)	131.33	FL270		PGA AT/ABOVE FL260

PROCEDURAL DATA NOTES:

RADAR AND DME REQUIRED.

TAKEOFF MINIMUMS:

RWY 8L, 8R: STANDARD.

RWY 1L, 1R: STANDARD WITH MINIMUM CLIMB OF 400FT PER NM TO 5200.

RWY 19L, 19R, 26L, 26R: STANDARD WITH MINIMUM CLIMB OF 360 FT PER NM TO 7000.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 1L: REIL 23 FT FROM DER, 153 FT LEFT OF CENTERLINE, 3 FT AGL/2090 FT MSL. SIGN 1037 FT FROM DER, 695 FT LEFT OF CENTERLINE, 41 FT AGL/2125 FT MSL. BLDG 1556 FT FROM DER, 552 FT LEFT OF CENTERLINE, 2129 FT MSL. BLDG 1779 FT FROM DER, 649 FT LEFT OF CENTERLINE, 2147 FT MSL. BLDGS BEGINNING 1907 FT FROM DER, 186 FT LEFT OF CENTERLINE, UP TO 2150 FT MSL. BLDGS BEGINNING 1977 FT FROM DER, 214 FT LEFT OF CENTERLINE, UP TO 2150 FT MSL. BLDGS BEGINNING 2095 FT FROM DER, 275 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/2153 FT MSL. BLDGS BEGINNING 3953 FT FROM DER, 1397 FT LEFT OF CENTERLINE, UP TO 162 FT AGL/2226 FT MSL. BLDG 4126 FT FROM DER, 1090 FT LEFT OF CENTERLINE, 2229 FT MSL. BLDG 4542 FT FROM DER, 1400 FT LEFT OF CENTERLINE, 183 FT AGL/2240 FT MSL. BLDG 4604 FT FROM DER, 1367 FT LEFT OF CENTERLINE, 186 FT AGL/2243 FT MSL.

NOTE: RWY 1R: BLDG 609 FT FROM DER, 538 FT RIGHT OF CENTERLINE, 28 FT AGL/2095 FT MSL. SIGN 1336 FROM DER, 447 FT RIGHT OF CENTERLINE, 60 FT AGL/2122 FT MSL.

NOTE: RWY 8L: POLE 744 FT FROM DER, 442 FT RIGHT OF CENTERLINE, 30 FT AGL/2057 FT MSL. TREE 758 FT FROM DER, 168 FT RIGHT OF CENTERLINE, 2068 FT MSL. TREE 767 FT FROM DER, 589 FT LEFT OF CENTERLINE, 2060 FT MSL. TREE 850 FT FROM DER, 184 FT LEFT OF CENTERLINE, 2067 FT MSL. TREES BEGINNING 886 FT FROM DER, 371 FT RIGHT OF CENTERLINE, UP TO 2074 FT MSL.

NOTE: RWY 8R: TOWER 1457 FT FROM DER, 848 FT RIGHT OF CENTERLINE, 64 FT AGL/2097 FT MSL.

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LAS VEGAS	FIVE	LAS5.LAS	FOUR	04/30/2015	17 AUG 2017

NOTE: RWY 19L: RAILROAD, POLE BEGINNING 952 FT FROM DER, 322 FT LEFT OF CENTERLINE, UP TO 2215 FT MSL. RR 1043 FT FROM DER, 178 FT LEFT OF CENTERLINE, 2218 FT MSL. RR, POLE BEGINNING 1122 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 2219 FT MSL. RR 1166 FT FROM DER, 75 FT RIGHT OF CENTERLINE, 2220 FT MSL. RR 1219 FT FROM DER, 235 FT RIGHT OF CENTERLINE, 2222 FT MSL. RR 1230 FT FROM DER, 281 FT RIGHT OF CENTERLINE, 2223 FT MSL. POLE 1234 FT FROM DER, 178 FT LEFT OF CENTERLINE, 2221 FT MSL. RR 1241 FT FROM DER, 351 FT RIGHT OF CENTERLINE, 2224 FT MSL. RR 1246 FT FROM DER, 489 FT RIGHT OF CENTERLINE, 2225 FT MSL. RR, POLE BEGINNING 1247 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 2226 FT MSL. POLES, TREE, VEHICLES ON ROAD, SIGN, PARKING LOT BEGINNING 1392 FT FROM DER, 115 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/2238 FT MSL. TREE, POLE BEGINNING 1410 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 2232 FT MSL. TREE 1819 FT FROM DER, 124 FT LEFT OF CENTERLINE, 2236 FT MSL. POLE, TREE, VEHICLES ON ROAD BEGINNING 1824 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/2242 FT MSL. POLE 1933 FT FROM DER, 623 FT RIGHT OF CENTERLINE, 34 FT AGL/2243 FT MSL. POLE, TREE BEGINNING 1936 FT FROM DER, 55 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/2245 FT MSL. POLE, TREE, PARKING LOT BEGINNING 2036 FT FROM DER, 386 FT RIGHT OF CENTERLINE, UP TO 35 FT AGL/2246 FT MSL. POLE, PARKING LOT, TREE, VEHICLES ON ROAD BEGINNING 2133 FT FROM DER, 183 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/2247 FT MSL. SIGN, TREE, PARKING LOT, VEHICLES ON ROAD, POLE, BLDG BEGINNING 2179 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 2256 FT MSL. POLE 2229 FT FROM DER, 578 FT LEFT OF CENTERLINE, 2238 FT MSL. POLES BEGINNING 2332 FT FROM DER, 583 FT LEFT OF CENTERLINE, UP TO 2240 FT MSL. SIGN, TREE, POLE, PARKING LOT, BLDG BEGINNING 2381 FT FROM DER, 53 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/2257 FT MSL. BLDG, TREE, POLE BEGINNING 2466 FT FROM DER, 591 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/2258 FT MSL. BLDG, TREE, POLES, UTILITY BOX BEGINNING 2505 FT FROM DER, 157 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/2259 FT MSL. POLE, BLDG BEGINNING 2738 FT FROM DER, 20 FT LEFT OF CENTERLINE, UP TO 2251 FT MSL. BLDG, TREE BEGINNING 2739 FT FROM DER, 1134 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/2279 FT MSL. BLDG, TREE BEGINNING 2766 FT FROM DER, 869 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/2280 FT MSL. BLDG, TREE BEGINNING 2822 FT FROM DER, 1006 FT RIGHT OF CENTERLINE, UP TO 58 FT AGL/2281 FT MSL. BLDGS, TREE, POLES BEGINNING 2861 FT FROM DER, 665 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/2282 FT MSL. BLDGS, POLE BEGINNING 3418 FT FROM DER, 884 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/2284 FT MSL. BLDG, POLE BEGINNING 3515 FT FROM DER, 424 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/2287 FT MSL. SIGN 5292 FT FROM DER, 1688 FT RIGHT OF CENTERLINE, 55 FT AGL/2309 FT MSL. BLDG, POLE BEGINNING 5596 FT FROM DER, 1758 FT LEFT OF CENTERLINE, UP TO 110 FT AGL/2334 FT MSL. COMMUNICATION TWR 5717 FT FROM DER, 781 FT RIGHT OF CENTERLINE, 80 FT AGL/2327 FT MSL. BLDG 2 NM FROM DER, 2897 FT LEFT OF CENTERLINE, 236 FT AGL/2491 FT MSL. BLDGS BEGINNING 2 NM FROM DER, 2936 FT LEFT OF CENTERLINE, UP TO 241 FT AGL/2494 FT MSL.

NOTE: RWY 19R: GRD 60 FT FROM DER, 475 FT RIGHT OF CENTERLINE, 2186 FT MSL. GRD 151 FT FROM DER, 529 FT RIGHT OF CENTERLINE, 2190 FT MSL. BLDG 194 FT FROM DER, 444 FT RIGHT OF CENTERLINE, 9 FT AGL/2199 FT MSL. NAVAID 262 FT FROM DER, 408 FT RIGHT OF CENTERLINE, 14 FT AGL/2206 FT MSL. VEHICLES ON ROAD, GRD, CONTROL BOX BEGINNING 348 FT FROM DER, 42 FT RIGHT OF CENTERLINE, UP TO 2208 FT MSL. POLE, VEHICLES ON ROAD BEGINNING 503 FT FROM DER, 434 FT RIGHT OF CENTERLINE, UP TO 2218 FT MSL. POLE, SIGN, VEHICLES ON ROAD, FLAG POLE, FENCE BEGINNING 592 FT FROM DER, 277 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/2234 FT MSL. SIGNS, PARKING LOT, VEHICLES ON ROAD, BLDG, POLE, TREE BEGINNING 844 FT FROM DER, 266 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/2240 FT MSL. TOWER, FENCE, VEHICLES ON ROAD, SIGN BEGINNING 961 FT FROM DER, 175 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/2243 FT MSL. T-L TWR, VEHICLES ON ROAD, RAILROAD, POLE, RR CROSSING SIGNAL CONTROL BOX, PARKING LOT BEGINNING 1132 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/2249 FT MSL. RAILROAD 1219 FT FROM DER, 701 FT LEFT OF CENTERLINE, 2222 FT MSL. RAILROAD 1230 FT FROM DER, 656 FT LEFT OF CENTERLINE, 2223 FT MSL. RAILROAD 1240 FT FROM DER, 585 FT LEFT OF CENTERLINE, 2224 FT MSL. RAILROAD 1246 FT FROM DER, 448 FT LEFT OF CENTERLINE, 2225 FT MSL. RAILROAD, POLE BEGINNING 1247 FT FROM DER, 76 FT LEFT OF CENTERLINE, UP TO 2226 FT MSL. POLES, TREE, VEHICLES ON ROAD, SIGN BEGINNING 1392 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/2238 FT MSL. POLES, TREE, PARKING LOT, BLDG BEGINNING 1726 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 2254 FT MSL. POLE, TREE BEGINNING 1823 FT FROM DER, 78 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/2242 FT MSL. POLE 1933 FT FROM DER, 313 FT LEFT OF CENTERLINE, 34 FT AGL/2243 FT MSL. POLE, TREE BEGINNING 1935 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/2245 FT MSL. POLE, TREE BEGINNING 2036 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/2246 FT MSL. POLES, BLDG, TREE BEGINNING 2043 FT FROM DER, 221 FT RIGHT OF CENTERLINE, UP TO 2255 FT MSL. POLE, TREE BEGINNING 2133 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/2247 FT MSL. TREE, POLES, SIGN, BLDG BEGINNING 2146 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 2259 FT MSL. POLE, BLDG, TREE BEGINNING 2234 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/2249 FT MSL. POLE, TREE BEGINNING 2335 FT FROM DER, 88 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/2250 FT MSL. SIGN, TREE, POLES, BLDG BEGINNING 2381 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/2257 FT MSL. POLE, BLDGS, TREE BEGINNING 2496 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 2274 FT MSL. BLDG BEGINNING 2739 FT FROM DER, 196 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/2279 FT MSL. BLDG, TREE BEGINNING 2766 FT FROM DER, 73 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/2280 FT MSL. BLDG BEGINNING 2767 FT FROM DER, 44 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/2258 FT MSL. BLDG, TREE BEGINNING 2822 FT FROM DER, 68 FT RIGHT OF CENTERLINE, UP TO 58 FT AGL/2281 FT MSL. BLDG, TREE BEGINNING 2861 FT FROM DER, 126 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/2282 FT MSL. BLDGS, TREE BEGINNING 2893 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 2288 FT MSL. BLDG BEGINNING 2895 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/2262 FT MSL. BLDGS, TREE BLDG BEGINNING 3032 FT FROM DER, 301 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/2290 FT MSL. BLDGS, TREE, POLE BEGINNING 3076 FT FROM DER, 58 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/2291 FT MSL. BLDGS, SIGN, POLES BEGINNING 3459 FT FROM DER, 287 FT RIGHT OF CENTERLINE, UP TO 74 FT AGL/2302 FT MSL. BLDG 3495 FT FROM DER, 53 FT LEFT OF CENTERLINE, 52 FT AGL/2278 FT MSL. COMMUNICATION TWR 5717 FT FROM DER, 156 FT LEFT OF CENTERLINE, 80 FT AGL/2327 FT MSL.

QUALITY
3
CHECKED

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LAS VEGAS	FIVE	LAS5.LAS	FOUR	04/30/2015	17 AUG 2017

NOTE: RWY 26L: BLDG 1002 FT FROM DER, 250 FT LEFT OF CENTERLINE, 6 FT AGL/2183 FT MSL. RAILROAD, POLE BEGINNING 1857 FT FROM DER, 793 FT LEFT OF CENTERLINE, UP TO 2215 FT MSL. RAILROAD 2068 FT FROM DER, 796 FT LEFT OF CENTERLINE, 2218 FT MSL. POLE, RAILROAD BEGINNING 2148 FT FROM DER, 800 FT LEFT OF CENTERLINE, UP TO 2221 FT MSL. TREE, RAILROAD BEGINNING 2376 FT FROM DER, 780 FT LEFT OF CENTERLINE, UP TO 2232 FT MSL. TREE, RAILROAD BEGINNING 2528 FT FROM DER, 751 FT LEFT OF CENTERLINE, UP TO 2233 FT MSL. POLE 2861 FT FROM DER, 811 FT LEFT OF CENTERLINE, 36 FT AGL/2238 FT MSL. POLE 3167 FT FROM DER, 1144 FT LEFT OF CENTERLINE, 34 FT AGL/2242 FT MSL. POLE 3171 FT FROM DER, 1091 FT LEFT OF CENTERLINE, 34 FT AGL/2243 FT MSL. POLE 3313 FT FROM DER, 1200 FT LEFT OF CENTERLINE, 35 FT AGL/2246 FT MSL. SIGN, T-L TWR BEGINNING 3672 FT FROM DER, 145 FT LEFT OF CENTERLINE, UP TO 2256 FT MSL. POLE, BLDG BEGINNING 4223 FT FROM DER, 1389 FT LEFT OF CENTERLINE, UP TO 2274 FT MSL. BLDG 4554 FT FROM DER, 1593 FT LEFT OF CENTERLINE, 2277 FT MSL. BLDG 4687 FT FROM DER, 1685 FT LEFT OF CENTERLINE, 53 FT AGL/2279 FT MSL. BLDG 4719 FT FROM DER, 1754 FT LEFT OF CENTERLINE, 61 FT AGL/2290 FT MSL. BLDG 4954 FT FROM DER, 1694 FT LEFT OF CENTERLINE, 61 FT AGL/2291 FT MSL. TRMSN TWR 5469 FT FROM DER, 1056 FT LEFT OF CENTERLINE, 2297 FT MSL. POLE 5879 FT FROM DER, 1519 FT LEFT OF CENTERLINE, 2309 FT MSL. POLE 6019 FT FROM DER, 2022 FT RIGHT OF CENTERLINE, 101 FT AGL/2309 FT MSL. POLE 1 NM FROM DER, 1720 FT LEFT OF CENTERLINE, 46 FT AGL/2311 FT MSL. POLE 1 NM FROM DER, 1922 FT LEFT OF CENTERLINE, 45 FT AGL/2311 FT MSL. TOWER 1.1 NM FROM DER, 1843 FT LEFT OF CENTERLINE, 80 FT AGL/2332 FT MSL. POLE 1.8 NM FROM DER, 1817 FT LEFT OF CENTERLINE, 131 FT AGL/2435 FT MSL.

NOTE: RWY 26R: NAVAIDS, BLDG BEGINNING 533 FT FROM DER, 367 FT LEFT OF CENTERLINE, UP TO 14 FT AGL/2206 FT MSL. NAVAIDS BEGINNING 533 FT FROM DER, ON CENTERLINE, UP TO 5 FT AGL/2195 FT MSL. VEHICLES ON ROAD BEGINNING 666 FT FROM DER, CROSSING LEFT AND RIGHT OF CENTERLINE, UP TO 2208 FT MSL. POLE 785 FT FROM DER, 592 FT LEFT OF CENTERLINE, 2218 FT MSL. POLE, TREE BEGINNING 786 FT FROM DER, 8 FT LEFT OF CENTERLINE, UP TO 2220 FT MSL. TREES BEGINNING 821 FT FROM DER, 49 FT RIGHT OF CENTERLINE, UP TO 25 FT AGL/2214 FT MSL. POLE, SIGN, TREE, BLDG BEGINNING 873 FT FROM DER, 347 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/2234 FT MSL. TREES BEGINNING 952 FT FROM DER, 48 FT RIGHT OF CENTERLINE, UP TO 2233 FT MSL. POLE, TREE, RAILROAD BEGINNING 1093 FT FROM DER, 531 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/2237 FT MSL. TREES BEGINNING 1559 FT FROM DER, 555 FT RIGHT OF CENTERLINE, UP TO 2259 FT MSL. TREE, BLDG, RAILROAD BEGINNING 1812 FT FROM DER, 191 FT LEFT OF CENTERLINE, UP TO 2246 FT MSL. BLDG 2501 FT FROM DER, 881 FT LEFT OF CENTERLINE, 2254 FT MSL. POLES BEGINNING 3002 FT FROM DER, 543 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/2271 FT MSL. POLES BEGINNING 3005 FT FROM DER, 743 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/2277 FT MSL. POLE 3116 FT FROM DER, 1022 FT RIGHT OF CENTERLINE, 101 FT AGL/2309 FT MSL. SIGN 3339 FT FROM DER, 278 FT LEFT OF CENTERLINE, UP TO 2286 FT MSL. COMMUNICATION TWR 4521 FT FROM DER, 704 FT RIGHT OF CENTERLINE, 2332 FT MSL. SIGN 1.3 NM FROM DER, 2649 FT LEFT OF CENTERLINE, 80 FT AGL/2384 FT MSL. POLE 1.5 NM FROM DER, 2801 FT LEFT OF CENTERLINE, 100 FT AGL/2444 FT MSL. POLE 1.6 NM FROM DER, 2832 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/2455 FT MSL. POLE, COMMUNICATION TWR BEGINNING 1.7 NM FROM DER, 2068 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/2463 FT MSL. POLE 1.7 NM FROM DER, 2845 FT LEFT OF CENTERLINE, 135 FT AGL/2469 FT MSL. TRANSMISSION TWR 2.1 NM FROM DER, 3453 FT LEFT OF CENTERLINE, 134 FT AGL/2490 FT MSL.

CONTROLLING OBSTACLES:
RWY 1L, 1R: 4279 FT MSL AAO 361036.25N/1145954.43W.
RWY 19L, 19R, 26L, 26R: 5895 FT MSL AAO 355333.91N/1152323.36W.

LOST COMMUNICATIONS PROCEDURES:
IF NO CONTACT WITH ATC UPON REACHING 7000, PROCEED DIRECT BLD VORTAC THEN CLIMB IN BLD VORTAC HOLDING PATTERN TO APPROPRIATE MEA FOR ROUTE OF FLIGHT.

ADDITIONAL FLIGHT DATA:
CHART: TOP ALTITUDE: 7000.
CHART HOLDING AT BLD VORTAC, HOLD SE, RT, 330.00 INBOUND.
REFERENCE MAG VAR: KLAS 11E EPOCH YR: 2020.

AIRPORTS SERVED:

AIRPORT NAME	CITY	STATE
MCCARRAN INTL	LAS VEGAS	NV

COMMUNICATIONS:
ATIS, CLNC DEL, GND CON, LAS VEGAS TOWER, LAS VEGAS DEP CON

FIXES AND/OR NAVAIDS:
BLD VORTAC, MLF VORTAC, BCE VORTAC



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REMARKS:
NOISE SCREEN WAS ACCOMPLISHED IN ACCORDANCE WITH THE CURRENT REQUIREMENTS UTILIZING THE ATNS 2.0 PROGRAM.
PUBLISHED CLIMB GRADIENTS/CLIMB-TO ALTITUDES FOR RWY 1L, 1R, 19L, 19R, 26L, 26R REQUIRED TO COMPLY WITH MINIMUM VECTORING ALTITUDES.

FLIGHT INSPECTED BY:

SCOTT A THOMPSON

Digitally signed by
STEVEN A VARGAS
Jun 20, 2017

OFFICE SYMBOL:

FICO

DATE:

6/8/17

DEVELOPED BY:*Digitally signed by*

JEFFREY ROBINSON

JEFFREY ROBINSON

Apr 17, 2017

OFFICE SYMBOL:

AJV-5421

DATE:

03/29/2017

APPROVED BY:*Digitally signed by*

JULIE MORGAN

STEVEN A VARGAS

May 09, 2017

OFFICE SYMBOL:

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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

ZLA, LAS APP CON, APT MGR

CHANGES - REASONS:**CHANGES:**

1. CHANGED RWY NUMBERS 7L, 7R, 25R, 25L TO 8L, 8R, 26L, 26R, RESPECTIVELY.
2. CHANGED DP ROUTE DESCRIPTION INITIAL CLIMB HEADINGS FOR RWY 1L, 1R FROM 009.91 TO 013.92; RWY 8L, 8R FROM 074.94 TO 078.93; RWY 19L, 19R FROM 189.93 TO 193.92; RWY 26L, 26R FROM 254.96 TO 258.95.
3. DOVE CREEK TRANSITION, PGA TO DVC LEG, CHANGED PGA RADIAL FROM 052 TO 053.
4. CHANGED TAKEOFF MINIMUMS RWY 1L, 1R FROM "STANDARD WITH MINIMUM OBSTACLE CLIMB OF 328 FT PER NM TO 5000, ATC CLIMB OF 400 FT PER NM TO 5200" TO "STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5200."
5. CHANGED TAKEOFF MINIMUMS RWY 26L, 26R FROM "STANDARD WITH MINIMUM CLIMB OF 324 FT PER NM TO 7100, ATC CLIMB OF 360 FT PER NM TO 7000" TO "STANDARD WITH MINIMUM CLIMB OF 360 FT PER NM TO 7000."
6. CHANGED TAKEOFF OBSTACLE NOTES TO MATCH CURRENT 8260-15A.
7. UPDATED CONTROLLING OBSTACLES.
8. ADDED REF MAG VAR TO ADDITIONAL FLIGHT DATA.
9. ADDED/CONSOLIDATED REMARKS EXPLAINING THAT PUBLISHED CLIMB GRADIENTS/CLIMB-TO ALTITUDES REQUIRED TO COMPLY WITH MINIMUM VECTORING ALTITUDES.

REASONS:

- 1, 2. MAG VAR CHANGE FROM 15E TO 11E.
3. APPLIED NORMAL ROUNDING.
- 4, 5. SEPARATE ATC CLIMB GRADIENTS NO LONGER APPROPRIATE PER 8260.46F; RETAINED PREVIOUSLY IDENTIFIED ATC CLIMB GRADIENTS TO COMPLY WITH MINIMUM VECTORING ALTITUDES.
6. 8260-15A WAS PREVIOUSLY UPDATED.
- 7, 8. PER 8260.46F DOCUMENTATION GUIDANCE.
9. CLARIFY REASON FOR PUBLISHED CG/CTA.

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3
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