

**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.  
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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SUPERSEDED NUMBER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>
TRALR	SEVEN	TRALR7.TRALR	SIX	4/30/2015	10 NOV 2016

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

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 01L/R: CLIMB HEADING 009.92 TO INTERCEPT COURSE 068.00 TO NAPSE, THEN ON TRACK 057.57 TO TINNK, THEN ON TRACK 074.32 TO CROSS RIOOS AT OR ABOVE 13000, THEN ON TRACK 074.10 TO TRALR, THENCE...

TAKEOFF RWY 07L: CLIMB HEADING 074.93 TO 2682, THEN DIRECT WASTE, THEN ON TRACK 075.31 TO CROSS BAKRR AT OR ABOVE 4600, AT OR BELOW 7000, THEN ON TRACK 063.20 TO TRALR, THENCE...

TAKEOFF RWY 07R: CLIMB HEADING 074.93 TO 2682, THEN DIRECT JESJI, THEN ON TRACK 073.75 TO CROSS BAKRR AT OR ABOVE 4600, AT OR BELOW 7000, THEN ON TRACK 063.20 TO TRALR, THENCE...

TAKEOFF RWY 19L: CLIMB HEADING 189.92 TO 2682, THEN DIRECT FIXIX, THEN ON TRACK 226.76 TO CROSS ROPPR AT OR ABOVE 5900, AT OR BELOW 7000, THEN ON TRACK 147.84 TO CROSS CEASR AT OR ABOVE 8000, THEN ON TRACK 075.54 TO FORGE, THEN ON TRACK 046.06 TO CROSS WILLW AT OR ABOVE 14000, THEN ON TRACK 049.48 TO TRALR, THENCE...

TAKEOFF RWY 19R: CLIMB HEADING 189.92 TO 2682, THEN DIRECT JAKER, THEN ON TRACK 226.01 TO CROSS ROPPR AT OR ABOVE 5900, AT OR BELOW 7000, THEN ON TRACK 147.84 TO CROSS CEASR AT OR ABOVE 8000, THEN ON TRACK 075.54 TO FORGE, THEN ON TRACK 046.06 TO CROSS WILLW AT OR ABOVE 14000, THEN ON TRACK 049.48 TO TRALR, THENCE...

TAKEOFF RWY 25L: CLIMB HEADING 254.95 TO 2682, THEN DIRECT PIRMD, THEN ON TRACK 186.12 TO CROSS ROPPR AT OR ABOVE 5900, AT OR BELOW 7000, THEN ON TRACK 147.84 TO CROSS CEASR AT OR ABOVE 8000, THEN ON TRACK 075.54 TO FORGE, THEN ON TRACK 046.06 TO CROSS WILLW AT OR ABOVE 14000, THEN ON TRACK 049.48 TO TRALR, THENCE...

TAKEOFF RWY 25R: CLIMB HEADING 254.95 TO 2682, THEN DIRECT RBELL, THEN ON TRACK 185.85 TO CROSS ROPPR AT OR ABOVE 5900, AT OR BELOW 7000, THEN ON TRACK 147.84 TO CROSS CEASR AT OR ABOVE 8000, THEN ON TRACK 075.54 TO FORGE, THEN ON TRACK 046.06 TO CROSS WILLW AT OR ABOVE 14000, THEN ON TRACK 049.48 TO TRALR, THENCE...

...ON (TRANSITION) MAINTAIN FL190, EXPECT FILED ALTITUDE 10 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>
VERKN	TRALR7.VERKN	TRALR	NICLE	TRACK 066.54	50.00	15000		
		NICLE	SUNYY	TRACK 027.12	27.22	15000		
		SUNYY	VERKN	TRACK 024.95	57.64	15000		
DOVE CREEK	TRALR7.DVC	TRALR	NICLE	TRACK 066.54	50.00	15000	10000	
		NICLE	DVC VORTAC	TRACK 050.21	224.82	17000	10900	
MILFORD	TRALR7.MLF	TRALR	GEEOO	TTRACK 049.29	33.71	15000		

QUALITY  
4  
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TRALR	SEVEN	TRALR7.TRALR	SIX	4/30/2015	10 NOV 2016
GEEOO	NOGNN	TRACK 358.58	58.62	15000	
NOGNN	MLF VORTAC	TRACK 359.34	60.26	15000	

**PROCEDURAL DATA NOTES:**

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1

NOTE: RADAR REQUIRED

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 1L/R OR 25L/R, BLD DME MUST BE OPERATIONAL.

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 7L/R, LAS DME MUST BE OPERATIONAL.

**TAKEOFF MINIMUMS:**

RWYS 1L/R: STANDARD WITH MINIMUM CLIMB OF 321' PER NM TO 5100.

RWYS 7L/R: STANDARD WITH MINIMUM CLIMB OF 310' PER NM TO 7000.

RWY 19L/R: STANDARD WITH MINIMUM CLIMB OF 400' PER NM TO 14000.

RWY 25L/R: STANDARD WITH MINIMUM CLIMB OF 350' PER NM TO 14000.

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 25R, OL ON DME, NAVAID, BLDG BEGINNING 533 FT FROM DER, 367 FT LEFT OF CENTERLINE, UP TO 2206 FT MSL. NAVAID, OL ON LOC BEGINNING 533 FT FROM DER, ON CENTERLINE, UP TO 5 FT AGL/2195 FT MSL. VEHICLE ON ROAD 665 FT FROM DER, CROSSING CENTERLINE, 2208 FT MSL. POLE 785 FT FROM DER, 592 FT LEFT OF CENTERLINE, 2218 FT MSL. POLE, TREE BEGINNING 785 FT FROM DER, 8 FT LEFT OF CENTERLINE, UP TO 2220 FT MSL. TREES BEGINNING 820 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, 348 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 1092 FT FROM DER, 531 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/2237 FT MSL. TREES BEGINNING 1559 FT FROM DER, 554 FT RIGHT OF CENTERLINE, UP TO 2259 FT MSL. TREE, BLDG, RAILROAD BEGINNING 1811 FT FROM DER, 192 FT LEFT OF CENTERLINE, UP TO 2246 FT MSL. BLDG 2500 FT FROM DER, 882 FT LEFT OF CENTERLINE, 2254 FT MSL. POLE BEGINNING 3001 FT FROM DER, 544 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/2271 FT MSL. POLE BEGINNING 3004 FT FROM DER, 770 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/2277 FT MSL. POLE BEGINNING 3116 FT FROM DER, 1021 FT RIGHT OF CENTERLINE, UP TO 2309 FT MSL. SIGN BEGINNING 3338 FT FROM DER, 279 FT LEFT OF CENTERLINE, UP TO 2286 FT MSL. COMMUNICATION TWR 4521 FT FROM DER, 703 FT RIGHT OF CENTERLINE, 2332 FT MSL. POLE 1.4 NM FROM DER, 2804 FT LEFT OF CENTERLINE, 100 FT AGL/2444 FT MSL. POLE BEGINNING 1.5 NM FROM DER, 2835 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/2455 FT MSL. POLE, COMMUNICATION TWR BEGINNING 1.6 NM FROM DER, 2072 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/2463 FT MSL. POLE 1.7 NM FROM DER, 2964 FT LEFT OF CENTERLINE, 135 FT AGL/2469 FT MSL.

NOTE: RWY 25L, BLDG 1002 FT FROM DER, 250 FT LEFT OF CENTERLINE, 6 FT AGL/2183 FT MSL. RAILROAD, POLE BEGINNING 1856 FT FROM DER, 794 FT LEFT OF CENTERLINE, UP TO 2215 FT MSL. RAILROAD 2067 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 2375 FT FROM DER, 781 FT LEFT OF CENTERLINE, UP TO 2232 FT MSL. TREE, RAILROAD BEGINNING 2527 FT FROM DER, 751 FT LEFT OF CENTERLINE, UP TO 2233 FT MSL. POLE 2860 FT FROM DER, 812 FT LEFT OF CENTERLINE, 36 FT AGL/2238 FT MSL. POLE BEGINNING 3166 FT FROM DER, 1092 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/2243 FT MSL. POLE BEGINNING 3312 FT FROM DER, 1201 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/2246 FT MSL. SIGN, POLE, T-L TWR BEGINNING 3672 FT FROM DER, 146 FT LEFT OF CENTERLINE, UP TO 2256 FT MSL. POLE BEGINNING 4223 FT FROM DER, 1394 FT LEFT OF CENTERLINE, UP TO 2274 FT MSL. BLDG 4554 FT FROM DER, 1594 FT LEFT OF CENTERLINE, 2277 FT MSL. BLDG 4686 FT FROM DER, 1686 FT LEFT OF CENTERLINE, 53 FT AGL/2279 FT MSL. BLDG 4718 FT FROM DER, 1756 FT LEFT OF CENTERLINE, 61 FT AGL/2290 FT MSL. BLDG 4953 FT FROM DER, 1696 FT LEFT OF CENTERLINE, 61 FT AGL/2291 FT MSL. TRMSN TWR 5469 FT FROM DER, 1057 FT LEFT OF CENTERLINE, 2297 FT MSL. POLE BEGINNING 5703 FT FROM DER, 2020 FT RIGHT OF CENTERLINE, UP TO 101 FT AGL/2309 FT MSL. POLE 5887 FT FROM DER, 1923 FT LEFT OF CENTERLINE, 45 FT AGL/2311 FT MSL. POLE 5889 FT FROM DER, 1722 FT LEFT OF CENTERLINE, 46 FT AGL/2311 FT MSL. TOWER 1 NM FROM DER, 1845 FT LEFT OF CENTERLINE, 80 FT AGL/2332 FT MSL.

NOTE: RWY 1L, REIL 23 FT FROM DER, 153 FT LEFT OF CENTERLINE, 3 FT AGL/2090 FT MSL. SIGN BEGINNING 1037 FT FROM DER, 694 FT LEFT OF CENTERLINE, UP TO 2125 FT MSL. BLDG 1556 FT FROM DER, 551 FT LEFT OF CENTERLINE, 2129 FT MSL. BLDG 1779 FT FROM DER, 648 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 1983 FT FROM DER, 251 FT LEFT OF CENTERLINE, UP TO 2150 FT MSL. BLDG 2093 FT FROM DER, 333 FT LEFT OF CENTERLINE, 78 FT AGL/2150 FT MSL. BLDGS BEGINNING 2095 FT FROM DER, 274 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/2153 FT MSL. BLDGS BEGINNING 3953 FT FROM DER, 1396 FT LEFT OF CENTERLINE, UP TO 162 FT AGL/2226 FT MSL. BLDG 4126 FT FROM DER, 1089 FT LEFT OF CENTERLINE, 2229 FT MSL. BLDG 4542 FT FROM DER, 1399 FT LEFT OF CENTERLINE, 183 FT AGL/2240 FT MSL. BLDG 4604 FT FROM DER, 1365 FT LEFT OF CENTERLINE, 186 FT AGL/2243 FT MSL.

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NOTE: RWY 1R, SIGN 1336 FROM DER, 447 FT LEFT OF CENTERLINE, 60 FT AGL/2122 FT MSL. BLDG 609 FT FROM DER 539 FT RIGHT OF CENTERLINE, 28 FT SLG/2095 FT MSL.

NOTE: RWY 19R, BLDG 609 FT FROM DER, 538 FT RIGHT OF CENTERLINE, 28 FT AGL/2095 FT MSL. SIGN 1336 FT FROM DER, 447 FT RIGHT OF CENTERLINE, 60 FT AGL/2122 FT MSL.

NOTE: RWY 19L, 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 BEGINNING 193 FT FROM DER, 443 FT RIGHT OF CENTERLINE, UP TO 9 FT AGL/2199 FT MSL. OL ON DME, NAVAID BEGINNING 261 FT FROM DER, 407 FT RIGHT OF CENTERLINE, UP TO 2206 FT MSL. VEHICLES ON RD, GRD, CONTROL BOX BEGINNING 348 FT FROM DER, 41 FT RIGHT OF CENTERLINE, UP TO 2208 FT MSL. POLE, VEHICLES ON RD BEGINNING 502 FT FROM DER, 434 FT RIGHT OF CENTERLINE, UP TO 2218 FT MSL. POLE, SIGN, VEHICLES ON RD, FLGPL, FENCE BEGINNING 592 FT FROM DER, 277 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/2234 FT MSL. SIGN, BLDG, POLE, TREE BEGINNING 844 FT FROM DER, 265 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/2240 FT MSL. TOWER, FENCE, SIGN BEGINNING 961 FT FROM DER, 175 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/2243 FT MSL. T-L TWR, POLE, RR, RR CROSSING SIGN, VEHICLES ON PARKING LOT BEGINNING 1132 FT FROM DER, 7 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/2249 FT MSL. RAILROAD BEGINNING 1219 FT FROM DER, 448 FT LEFT OF CENTERLINE, UP TO 2225 FT MSL. RR, POLE BEGINNING 1247 FT FROM DER, 76 FT LEFT OF CENTERLINE, UP TO 2226 FT MSL. TREE, POLES, SIGN BEGINNING 1392 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/2238 FT MSL. POLES, TREE, VEHICLES ON PARKING LOT, BLDG BEGINNING 1726 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 2254 FT MSL. POLE, TREE BEGINNING 1822 FT FROM DER, 79 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/2243 FT MSL. OL, 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, BLDGS, TREE BEGINNING 2043 FT FROM DER, 220 FT RIGHT OF CENTERLINE, UP TO 2255 FT MSL. POLE, TREE BEGINNING 2133 FT FROM DER, 20 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/2247 FT MSL. TREE, POLES, SIGN, BLDG BEGINNING 2146 FT FROM DER, 13 FT RIGHT OF CENTERLINE, UP TO 2259 FT MSL. POLE, BLDG, TREE BEGINNING 2234 FT FROM DER, 13 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, POLE, BLDG BEGINNING 2381 FT FROM DER, 38 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/2257 FT MSL. POLE, BLDG, TREE, BLDG BEGINNING 2496 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 2274 FT MSL. BLDGS BEGINNING 2738 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. BLDGS BEGINNING 2767 FT FROM DER, 45 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/2258 FT MSL. BLDGS, TREE BEGINNING 2893 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 2288 FT MSL. BLDGS BEGINNING 2895 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/2262 FT MSL. BLDGS, TREE BEGINNING 3032 FT FROM DER, 300 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/2290 FT MSL. BLDGS, TREE, POLE BEGINNING 3076 FT FROM DER, 57 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/2291 FT MSL. BLDGS, SIGN, POLES BEGINNING 3459 FT FROM DER, 286 FT RIGHT OF CENTERLINE, UP TO 74 FT AGL/2302 FT MSL. BLDG 3495 FT FROM DER, 54 FT LEFT OF CENTERLINE, 52 FT AGL/2278 FT MSL. COMM TWR 5717 FT FROM DER, 157 FT LEFT OF CENTERLINE, 80 FT AGL/2327 FT MSL. BLDG 5358 FT FROM DER, 1759 FT LEFT OF CENTERLINE, 110 FT AGL/2334 FT MSL.

NOTE: RWY 7L, 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 768 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, 372 FT RIGHT OF CENTERLINE, UP TO 2074 FT MSL.

NOTE: RWY 7R, TOWER 1457 FT FROM DER, 849 FT LEFT OF CENTERLINE, 64 FT AGL/2097 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 19L/R, 25L/R: 4753 FT MSL AAO 355440.10N/1151859.90W, RWY 1L/R: 4280 FT MSL AAO 361038.70N/1145940.50W

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

CHART: TOP ALTITUDE: FL190

REFERENCE MAG VAR: KLAS 15E EPOCH YR: 1980

DME/DME ASSESSMENT SAT (RNP 2.0)

**AIRPORTS SERVED:**

**AIRPORT NAME**

**CITY**

QUALITY  
STATE  
CHECKED

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MCCARRAN INTL			LAS VEGAS		NV

**COMMUNICATIONS:**

ATIS, CLNC DEL, GND CON, LAS TWR, LAS DEP CON, ARTCC

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

ROUTINE

**COORDINATED WITH:**

<b><u>A4A</u></b>	<b><u>ALPA</u></b>	<b><u>AOPA</u></b>	<b><u>APA</u></b>	<b><u>HAI</u></b>	<b><u>NBAA</u></b>
<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, ZAB, LAS TWR, LAS APP CON, AMGR

**CHANGES - REASONS:**

CHANGES:

1. DELETED BCE FROM THE PROCEDURE.
2. DELETED BCE ENROUTE TRANSITION.
3. ADDED SUNYY, VERKN, GEEOO AND NOGNN WAYPOINTS TO THE PROCEDURE.
4. ADDED VERKN ENROUTE TRANSITION.
5. ADDED GEEOO AND NOGNN WAYPOINTS TO THE MLF ENROUTE TRANSITION.
6. REMOVED NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 7L/R: LAS, BLD, MMM, MLF AND BCE DMES MUST BE OPERATIONAL FOR THE BRYCE CANYON TRANSITION.
7. REMOVED NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 1L/R, 19L/R, 25L/R: BLD, MLF AND BCE DMES MUST BE OPERATIONAL FOR THE BRYCE CANYON TRANSITION.
8. REMOVED NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 7L/R, 19L/R, 25L/R: LAS, MMM, PGS, GCN, PGA, BCE, DVC, HVE, AND CEZ DMES MUST BE OPERATIONAL FOR THE DOVE CREEK TRANSITION.
9. REMOVED NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 1L/R: BLD, MMM, PGS, GCN, PGA, BCE, DVC, HVE, AND CEZ DMES MUST BE OPERATIONAL FOR THE DOVE CREEK TRANSITION.

GRAPHIC  
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10. REMOVED NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 7L/R, 19L/R, 25L/R: BLD, LAS, MMM, ILC, CDC, AND MLF DMES MUST BE OPERATIONAL FOR THE MILFORD TRANSITION.  
11. REMOVED NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 1L/R: BLD, MMM, ILC, CDC, AND MLF DMES MUST BE OPERATIONAL FOR THE MILFORD TRANSITION.  
12. ADDED NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 1L/R OR 25L/R, BLD DME MUST BE OPERATIONAL.  
13. ADDED NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 7L/R, LAS DME MUST BE OPERATIONAL.

REASONS:

- 1-5. SOCAL METROPLEX WORK GROUP REQUEST.  
6-13. NEW RNAV PRO ASSESSMENT COMPLETED.

08/17/2016: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/06/2016. JH

1. CHANGED FAA FORM 8260-15C, RWY 19R JAKER TO ROPPR FROM 241.76 TO 241.01, ROPPR TO CEASR FROM 164.84 TO 162.84.



**FEDERAL AVIATION ADMINISTRATION  
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DEPARTURE (DATA RECORD)**

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		EFFECTIVE DATE	
TRALR		SEVEN		TRALR7.TRALR		SIX		04/04/2015		10 NOV 2016	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
RW01L (AER)*	360436.44N/1151010.30W*	N	-	-	-	-			*DISPL THLD (584 FT), CG 321 FT PER NM TO 5100		
-	360737.65N/1150826.54W	-	-	VI	024.92	03.33			DO NOT CHART DISTANCE		
NAPSE	360934.00N/1144914.00W	Y	FB	CF	083.00	15.68			VI/CF PERMITTED, RECOMMENDED NAVAID: LAS VORTAC		
TINNK	361119.34N/1144219.29W	Y	FB	TF	072.57	05.86					
RIOOS	361120.81N/1143943.64W	Y	FB	TF	089.32	02.10	AT/ABOVE 13000				
TRALR	361137.33N/1141440.59W	Y	FB	TF	089.10	20.28					
RW01R (AER)*	360431.67N/1151000.44W*	N	-	-	-	-			*DISPL THLD (584 FT), CG 321 FT PER NM TO 5100		
-	360739.02N/1150813.15W	-	-	VI	024.92	03.44			DO NOT CHART DISTANCE		
NAPSE	360934.00N/1144914.00W	Y	FB	CF	083.00	15.50			VI/CF PERMITTED, RECOMMENDED NAVAID: LAS VORTAC		
TINNK	361119.34N/1144219.29W	Y	FB	TF	072.57	05.86					
RIOOS	361120.81N/1143943.64W	Y	FB	TF	089.32	02.10	AT/ABOVE 13000				
TRALR	361137.33N/1141440.59W	Y	FB	TF	089.10	20.28					
RW07L (AER)*	360434.95N/1150946.64W*	N	-	-	-	-			*DISPL THLD (2139.0 FT)		
2682 MSL	-	-	-	VA	089.93				CG 310 FT PER NM TO 7000		
WASTE	360435.14N/1150425.72W	Y	FB	DF	-	-					
BAKRR	360433.00N/1145711.00W	Y	FB	TF	090.31	05.87	4600B7000				
TRALR	361137.33N/1141440.59W	Y	FB	TF	078.20	35.15					
RW07R (AER)	360425.06N/1150941.16W	N	-	-	-	-					
2682 MSL	-	-	-	VA	089.93	-			CG 310 FT PER NM TO 7000		

QUALITY

4

CHANGED

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TRALR							SEVEN	TRALR7.TRALR	SIX	04/04/2015	10 NOV 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
JESJI	360425.22N/1150442.73W	Y	FB	DF	-	-					
BAKRR	360433.00N/1145711.00W	Y	FB	TF	088.75	06.10	4600B7000				
TRALR	361137.33N/1141440.59W	Y	FB	TF	078.20	35.15					
RW19L (AER)*	360547.01N/1150917.31W*	N	-	-	-	-				*DISPL THLD (877.875 FT)	
2682 MSL	-	-	-	VA	204.92	-				CG 400 FT PER NM TO 14000	
FIXIX	360054.10N/1151204.79W	Y	FB	DF	-	-					
ROPPR	355816.27N/1151805.99W	Y	FB	TF	241.76	05.55	5900B7000				
CEASR	355159.04N/1151542.89W	Y	FB	TF	162.84	06.57	AT/ABOVE 8000				
FORGE	355153.09N/1150406.47W	Y	FB	TF	090.54	09.43					
WILLW	355700.77N/1145240.97W	Y	FB	TF	061.06	10.60	AT/ABOVE 14000				
TRALR	361137.33N/1141440.59W	Y	FB	TF	064.48	34.09					
RW19R (AER)	360551.77N/1150927.19W	N	-	-	-	-					
2682 MSL	-	-	-	VA	204.92	-				CG 400 FT PER NM TO 14000	
JAKER	360053.20N/1151217.95W	Y	FB	DF	-	-					
ROPPR	355816.27N/1151805.99W	Y	FB	TF	241.01	05.38	5900B7000				
CEASR	355159.04N/1151542.89W	Y	FB	TF	162.84	06.57	AT/ABOVE 8000				
FORGE	355153.09N/1150406.47W	Y	FB	TF	090.54	09.43					
WILLW	355700.77N/1145240.97W	Y	FB	TF	061.06	10.60	AT/ABOVE 14000				
TRALR	361137.33N/1141440.59W	Y	FB	TF	064.48	34.09					
QUALITY											
4											
2 2											

QUALITY  
4  
CHECKED

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
DEPARTURE (DATA RECORD)**

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
TRALR							SEVEN	TRALR7.TRALR	SIX	04/04/2015	10 NOV 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
RW25L (AER)	360425.17N/1150732.97W	N	-	-	-	-					
2682 MSL	-	-	-	VA	269.95					CG 350 FT PER NM TO 14000	
PIRMD	360424.61N/1151511.00W	Y	FB	DF	-	-					
ROPPR	355816.27N/1151805.99W	Y	FB	TF	201.12	06.57	5900B7000				
CEASR	355159.04N/1151542.89W	Y	FB	TF	162.84	06.57	AT/ABOVE 8000				
FORGE	355153.09N/1150406.47W	Y	FB	TF	090.54	09.43					
WILLW	355700.77N/1145240.97W	Y	FB	TF	061.06	10.60	AT/ABOVE 14000				
TRALR	361137.33N/1141440.59W	Y	FB	TF	064.48	34.09					
RW25R (AER)*	360435.06N/1150732.94W*	N	-	-	-	-				*DISPL THLD (1397.0 FT)	
2682 MSL	-	-	-	VA	269.95	-				CG 350 FT PER NM TO 14000	
RBELL	360434.51N/1151508.75W	Y	FB	DF	-	-					
ROPPR	355816.27N/1151805.99W	Y	FB	TF	200.85	06.74	5900B7000				
CEASR	355159.04N/1151542.89W	Y	FB	TF	162.84	06.57	AT/ABOVR 8000				
FORGE	355153.09N/1150406.47W	Y	FB	TF	090.54	09.43					
WILLW	355700.77N/1145240.97W	Y	FB	TF	061.06	10.60	AT/ABOVE 14000				
TRALR	361137.33N/1141440.59W	Y	FB	TF	064.48	34.09					
TRALR	361137.33N/1141440.59W	Y	-	IF	-	-				TRALR7.DVC	
NICLE	361843.67N/1131328.96W	Y	FB	TF	081.54	50.00					
DVC VORTAC	374831.46N/1085552.59W	Y	FB	TF	065.21	224.82					

QUALITY  
4  
CHECKED



**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>
TRALR		SEVEN		TRALR7.TRALR		SIX		04/04/2015	10 NOV 2016
<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>
TRALR	361137.33N/1141440.59W	Y	-	IF	-	-			
GEEOO	362609.96N/1133702.26W	Y	FB	TF	064.29	33.71			
NOGNN	372311.85N/1131945.83W	Y	FB	TF	013.58	58.62			
MLF VORTAC	382137.28N/1130047.64W	Y	FB	TF	014.34	60.26			TRALR7.MLF
TRALR	361137.33N/1141440.59W	Y	-	IF	-	-			TRALR7.VERKN
NICLE	361843.67N/1131328.96W	Y	FB	TF	081.54	50.00			
SUNYY	363854.44N/1125047.99W	Y	FB	TF	042.12	27.22			
VERKN	372300.05N/1120421.69W	Y	FB	TF	039.95	57.64			

QUALITY  
4  
CHECKED

GRAPHIC REVISION: DOUBLE EAGLE II  
ATCT HEIGHT NOW 5922

16315

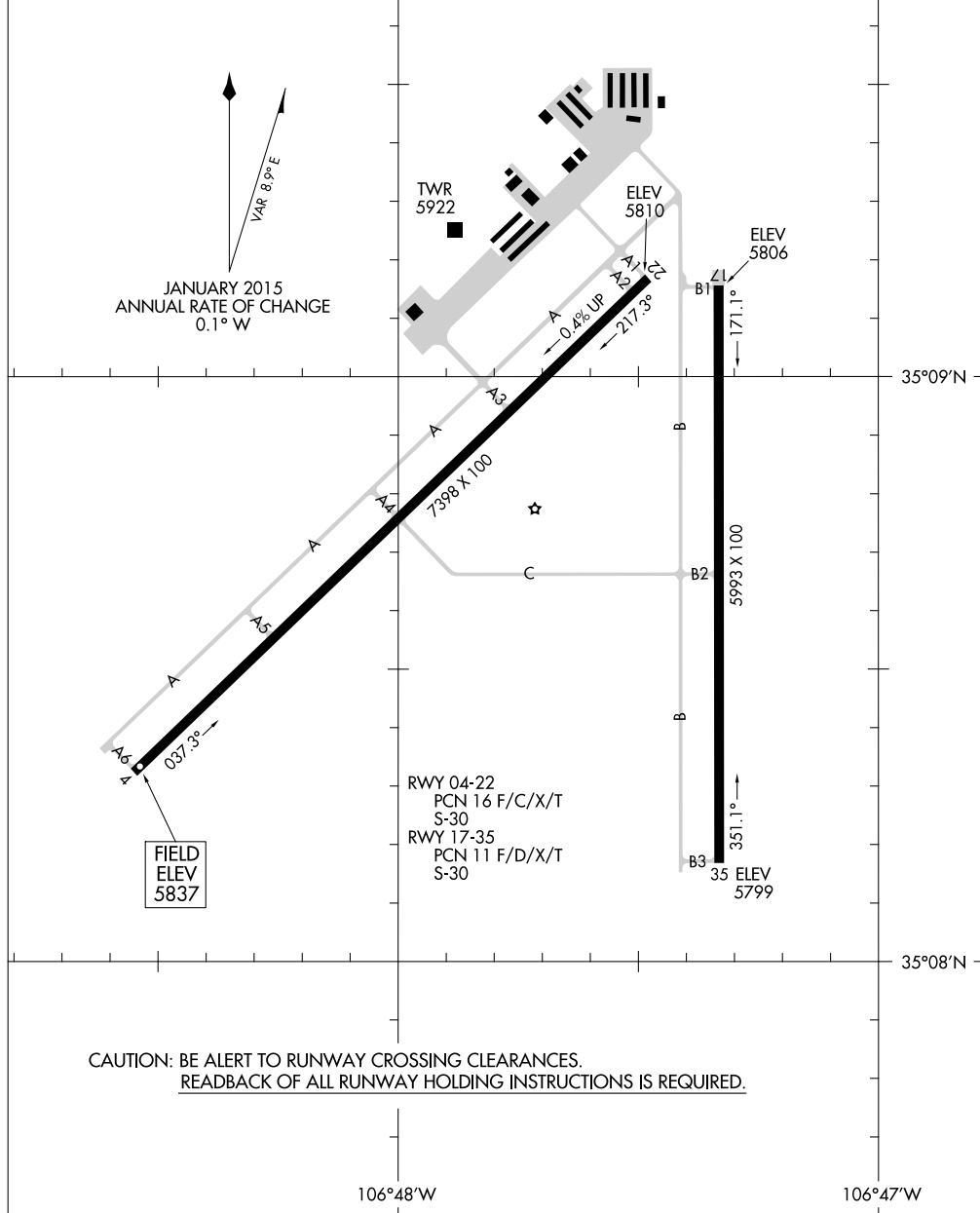
# AIRPORT DIAGRAM

AL-6859 (FAA)

DOUBLE EAGLE II (AEG)  
ALBUQUERQUE, NEW MEXICO

AWOS-3PT  
119.025  
DOUBLE EAGLE II \*  
120.15  
GND CON  
121.625  
CLNC DEL  
124.8 (When twr closed)

Effective Date  
10 NOV 2016



# AIRPORT DIAGRAM

16315

ALBUQUERQUE, NEW MEXICO  
DOUBLE EAGLE II (AEG)