

**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SUPERSEDED NUMBER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>
REDHL	TWO	REDHL2.PLZZA	ONE	03/02/2017	12 OCT 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 checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

This is a corrected copy of the procedure published in NFDD 159. **See page 6 for details.**

LONG BEACH /DAUGHERTY FIELD

TAKEOFF RWY 7L: CLIMB HEADING 076.20 TO 580, THEN ON HEADING 076.20 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO REDHL, CROSS REDHL AT OR ABOVE 2800, THEN ON TRACK 039.31 TO PLZZA, THENCE...

TAKEOFF RWY 7R: CLIMB HEADING 075.95 TO 580, THEN ON HEADING 075.96 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO REDHL, CROSS REDHL AT OR ABOVE 2800, THEN ON TRACK 039.31 TO PLZZA, THENCE...

TAKEOFF RWY 12: CLIMB HEADING 120.72 TO 580, THEN ON HEADING 120.73 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO REDHL, CROSS REDHL AT OR ABOVE 2800, THEN ON TRACK 039.31 TO PLZZA, THENCE...

TAKEOFF RWY 25L: CLIMB HEADING 255.96 TO 800, THEN ON HEADING 200.00 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO REDHL, CROSS REDHL AT OR ABOVE 2800, THEN ON TRACK 039.31 TO PLZZA, THENCE...

TAKEOFF RWY 25R: CLIMB HEADING 256.20 TO 580, THEN ON HEADING 200.00 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO REDHL, CROSS REDHL AT OR ABOVE 2800, THEN ON TRACK 039.31 TO PLZZA, THENCE...

TAKEOFF RWY 30: CLIMB HEADING 300.72 TO 580, THEN LEFT TURN ON HEADING 200.00 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO REDHL, CROSS REDHL AT OR ABOVE 2800, THEN ON TRACK 039.31 TO PLZZA, THENCE...

FULLERTON MUNI

TAKEOFF RWY 6: CLIMB HEADING 062.98 TO 596, THEN RIGHT TURN HEADING 120.00 TO 2000, EXPECT VECTORS TO REDHL, CROSS REDHL AT OR ABOVE 2800, THEN ON TRACK 039.31 TO PLZZA, THENCE...

TAKEOFF RWY 24: CLIMB HEADING 242.99 TO 596, THEN LEFT TURN HEADING 120.00 TO 2000, EXPECT VECTORS TO REDHL, CROSS REDHL AT OR ABOVE 2800, THEN ON TRACK 039.31 TO PLZZA, THENCE...

LOS ALAMITOS AAF

TAKEOFF RWY 4R: CLIMB HEADING 041.00 TO 540, THEN ON HEADING 041.01 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO REDHL, CROSS REDHL AT OR ABOVE 2800, THEN ON TRACK 039.31 TO PLZZA, THENCE...

TAKEOFF RWY 22L: CLIMB HEADING 221.01 TO 536, THEN ON HEADING 180.00 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO REDHL, CROSS REDHL AT OR ABOVE 2800, THEN ON TRACK 039.31 TO PLZZA, THENCE...

ZAMPERINI FIELD

TAKEOFF RWY 11L: CLIMB HEADING 114.46 TO 2700, EXPECT VECTORS TO REDHL, CROSS REDHL AT OR ABOVE 2800, THEN ON TRACK 039.31 TO PLZZA, THENCE...

TAKEOFF RWY 11R: CLIMB HEADING 114.47 TO 2700, EXPECT VECTORS TO REDHL, CROSS REDHL AT OR ABOVE 2800, THEN ON TRACK 039.31 TO PLZZA, THENCE...

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

QUALITY
3
CHECKED

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REDHL	TWO	REDHL2.PLZZA	ONE	03/02/2017	12 OCT 2017

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>
HECTOR	REDHL2.HECTOR	PLZZA	CUTOR	TRACK 074.60	5.02	3900	3800	
			DRGON	TRACK 071.02	5.23	5300	4700	DRGON AT 7000
			PDZ VORTAC	TRACK 058.72	7.39	5300	5300	
			APLES	TRACK 012.53	42.22	9000	8100	
			HEC VORTAC	TRACK 052.14	37.09	11000	8500	
LAKE HUGHES	REDHL2.LHS	PLZZA	POWUP	TRACK 001.61	4.51	3900	3900	POWUP AT 6000
			PIRRO	TRACK 333.32	5.57	3900	3900	PIRRO AT 6000
			ITSME	TRACK 276.34	6.83	3900	3700	
			ELMOO	TRACK 276.28	4.06	4700	4700	ELMOO AT 8000
			KULVR	TRACK 303.69	9.41	7800	7800	
			KIMMO	TRACK 304.53	15.64	7700	7500	
			LHS VORTAC	TRACK 320.21	18.16	8000	8000	

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: THIS PROCEDURE NOT AUTHORIZED FOR TURBOJET AIRCRAFT .

NOTE: LAKE HUGHES TRANSITION NOT AUTHORIZED FOR TURBOPROP AIRCRAFT .

TAKEOFF MINIMUMS:

LONG BEACH/DAUGHERTY FIELD

RWY 7L, 7R, 12, 30: STANDARD.

RWY 25L: STANDARD WITH MINIMUM CLIMB OF 330 FT PER NM TO 700.

RWY 25R: STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 1600.

FULLERTON MUNI

RWY 24: STANDARD.

RWY 6: STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 600.



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REDHL	TWO	REDHL2.PLZZA	ONE	03/02/2017	12 OCT 2017

LOS ALAMITOS AAF
RWY 4L, 22R: NA-ATC.
RWY 4R, 22L: STANDARD.

ZAMPERINI FIELD
RWY 29L, 29R: NA-ATC.
RWY 11L, 11R: STANDARD WITH MINIMUM CLIMB OF 325 FT PER NM TO 1600.



TAKEOFF OBSTACLES NOTES:
LONG BEACH/DAUGHERTY FIELD

NOTE: RWY 7L: BUILDING 347 FT FROM DER, 416 FT RIGHT OF CENTERLINE, 19 FT AGL/53 FT MSL. TREE 580 FT FROM DER, 12 FT RIGHT OF CENTERLINE, 67 FT MSL. POLES BEGINNING 606 FT FROM DER, 250 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/65 FT MSL. TREES BEGINNING 776 FT FROM DER, 243 FT RIGHT OF CENTERLINE, UP TO 111 FT MSL. TREES BEGINNING 1456 FT FROM DER, 203 FT RIGHT OF CENTERLINE, UP TO 117 FT MSL. VEHICLE ON ROAD 317 FT FROM DER, 248 FT LEFT OF CENTERLINE, 15 FT AGL/53 FT MSL. POLES BEGINNING 329 FT FROM DER, 308 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/66 FT MSL. TREE 516 FT FROM DER, 137 FT LEFT OF CENTERLINE, 72 FT MSL.

NOTE: RWY 7R: TREES BEGINNING 327 FT FROM DER, 231 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/95 FT MSL. BUILDINGS BEGINNING 1473 FT FROM DER, 822 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/118 FT MSL. LIGHT POLES BEGINNING 380 FT FROM DER, 390 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/60 FT MSL. TREES BEGINNING 1208 FT FROM DER, 197 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/101 FT MSL. BUILDINGS BEGINNING 277 FT FROM DER, 474 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/72 FT MSL.

NOTE: RWY 12: TREES BEGINNING 969 FT FROM DER, 391 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/87 FT MSL. SPIRE 3094 FT FROM DER, 1182 FT RIGHT OF CENTERLINE, 98 FT AGL/118 FT MSL. TREES BEGINNING 1124 FT FROM DER, 357 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/98 FT MSL. LIGHT POLE 1126 FT FROM DER, 607 FT LEFT OF CENTERLINE, 37 FT AGL/59 FT MSL. PIPE 1146 FT FROM DER, 334 FT LEFT OF CENTERLINE, 31 FT AGL/55 FT MSL.

NOTE: RWY 25L: TREE 2008 FT FROM DER, 182 FT RIGHT OF CENTERLINE, 73 FT AGL/107 FT MSL. LIGHT POLE 1283 FT FROM DER, 122 FT RIGHT OF CENTERLINE, 29 FT AGL/88 FT MSL. BUILDING 1149 FT FROM DER, 793 FT RIGHT OF CENTERLINE, 105 FT AGL/163 FT MSL. TOWER 3821 FT FROM DER, 439 FT RIGHT OF CENTERLINE, 75 FT AGL/158 FT MSL. LIGHT POLE 1283 FT FROM DER, 122 FT RIGHT OF CENTERLINE, 29 FT AGL/88 FT MSL. TREES BEGINNING 486 FT FROM DER, 91 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/144 FT MSL. SIGNS BEGINNING 1074 FT FROM DER, 209 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/108 FT MSL.

NOTE: RWY 25R: REIL 68 FT FROM DER, 59 FT RIGHT OF CENTERLINE, 5 FT AGL/68 FT MSL. TREE 243 FT FROM DER, 366 FT RIGHT OF CENTERLINE, 97 FT MSL. BUILDING 250 FT FROM DER, 204 FT RIGHT OF CENTERLINE, 30 FT AGL/93 FT MSL. POLE 623 FT FROM DER, 128 FT RIGHT OF CENTERLINE, 25 FT AGL/89 FT MSL. TREE 631 FT FROM DER, 409 FT RIGHT OF CENTERLINE, 122 FT MSL. TREES BEGINNING 1247 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 133 FT MSL. BUILDING 1.1 NM FROM DER, 972 FT RIGHT OF CENTERLINE, 156 FT AGL/248 FT MSL. BUILDING 1.30 NM FROM DER, 655 FT RIGHT OF CENTERLINE, 157 FT AGL/259 FT MSL. FENCE 179 FT FROM DER, 8 FT LEFT OF CENTERLINE, 5 FT AGL/68 FT MSL. POLES BEGINNING 322 FT FROM DER, 111 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/95 FT MSL. SIGN 1153 FT FROM DER, 5 FT LEFT OF CENTERLINE, 77 FT AGL/139 FT MSL. TREE 1259 FT FROM DER, 591 FT LEFT OF CENTERLINE, 127 FT MSL. TREE 2148 FT FROM DER, 249 FT LEFT OF CENTERLINE, 117 FT MSL.

NOTE: RWY 30: TREES BEGINNING 1596 FT FROM DER, 104 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/121 FT MSL. LIGHT POLES BEGINNING 356 FT FROM DER, 245 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/93 FT MSL. POLE 2990 FT FROM DER, 312 FT RIGHT OF CENTERLINE, 72 FT AGL/145 FT MSL. BUILDINGS BEGINNING 1338 FT FROM DER, 621 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/139 FT MSL. RAILROAD BEGINNING 648 FT FROM DER, ON CENTERLINE, 17 FT AGL/91 FT MSL. TREES BEGINNING 1205 FT FROM DER, 517 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/130 FT MSL. LIGHT POLES BEGINNING 984 FT FROM DER, 69 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/127 FT MSL. BUILDINGS BEGINNING 351 FT FROM DER, 289 FT LEFT OF CENTERLINE, UP TO 22 FT AGL/89 FT MSL. POLES BEGINNING 1939 FT FROM DER, 312 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/127 FT MSL.

FULLERTON MUNI

NOTE: RWY 6: WINDSOCK 58 FT FROM DER, 189 FT RIGHT OF CENTERLINE, 12 FT AGL/109 FT MSL. OBSTRUCTION LIGHT ON POLE 109 FT FROM DER, 116 FT LEFT OF CENTERLINE, 23 FT AGL/118 FT MSL. MULTIPLE POLES BEGINNING 115 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 40 FT AGL/198 FT MSL. TRAINS 221 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 23 FT AGL/144 FT MSL. LIGHT STANDARD 486 FT FROM DER, 133 FT RIGHT OF CENTERLINE, 20' AGL/123 FT MSL. HOPPER ON BUILDING 977 FT FROM DER, 468' LEFT OF CENTERLINE, 36 FT AGL/132 FT MSL. OBSTRUCTION LIGHT ON BUILDING 1002 FT FROM DER, 31 FT RIGHT OF CENTERLINE, 25' AGL/128 FT MSL. LIGHT POLE 1247 FT FROM DER, 143 FT LEFT OF CENTERLINE, 35 FT AGL/131 FT MSL. TREE 1462 FT FROM DER, 35' LEFT OF CENTERLINE, 75 FT AGL/168 FT MSL. OBSTACLE LIGHT ON SILO 1620 FT FROM DER, 317 FT RIGHT OF CENTERLINE, 50' AGL/146 FT MSL. BUILDING 3206 FT FROM DER, 820 FT RIGHT OF CENTERLINE, 112 FT AGL/217 FT MSL. OBSTRUCTION LIGHT ON BUILDING 3390 FT FROM DER, 913 FT RIGHT OF CENTERLINE, 112' AGL/217 FT MSL. TOWER 6093 FT FROM DER, 1936 FT LEFT OF CENTERLINE, 94 FT AGL/267 FT MSL.

NOTE: RWY 24: VEHICLES ON ROADWAY 82 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/114 FT MSL. LIGHT STANDARD 85 FT FROM DER, 260' RIGHT OF CENTERLINE, 25 FT AGL/110 FT MSL. LIGHT STANDARD 217' FROM DER, 320 FT LEFT OF CENTERLINE, 104 FT AGL/122 FT MSL. ANTENNA ON BUILDING 272 FT FROM DER, 227 FT LEFT OF CENTERLINE, 31 FT AGL/116 FT MSL. TREES BEGINNING 352 FT FROM DER, 227 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/155 FT MSL. POLE 395 FT FROM DER, 279 FT LEFT OF CENTERLINE, 35 FT AGL/123' MSL. OBSTRUCTION LIGHT ON NAVAID 399 FT FROM DER, ON CENTERLINE, 5 FT AGL/103 FT MSL. POLES BEGINNING 1335 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 25 FT AGL/129 FT MSL. TREE 1377 FT FROM DER, 159 FT LEFT OF CENTERLINE, 50' AGL/147 FT MSL.

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REDHL	TWO	REDHL2.PLZZA	ONE	03/02/2017	12 OCT 2017

LOS ALAMITOS AAF

NOTE: RWY 4R: TREES 1062 FT FROM DER, 615 FT LEFT OF CENTERLINE, 66 FT AGL/100 FT MSL.

CONTROLLING OBSTACLES:**LONG BEACH/DAUGHERTY FIELD**

RWY 25L: 535 FT MSL TOWER (06-002240) 334758.02N/1180946.64W.

RWY 25R: 248 FT MSL TOWER (06-036374) 334931.75N/1181108.17W (CLIMB GRADIENT). 1679 FT MSL AAO 334448.02N/1182006.83W (CLIMB-TO ALTITUDE).

FULLERTON MUNI

RWY 6: 292 FT MSL BLDG-TWR (06-002249) 335255.37N/1175725.50W.

ZAMPERINI FIELD

RWY 11L, 11R: 425 FT MSL TANK (06-028821) 334637.30N/1181846.69W.

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

REFERENCE MAG VAR: KLGB 14E: EPOCH YEAR: 1980

DME/DME ASSESSMENT: SAT (RNP 2.0)

PILOT NAVIGATION AREA:

7 NM ARC CENTERED ON REDHL; CW

FROM: POINT A (BEARING 354.31 TO REDHL)

TO: POINT B (BEARING 084.31 TO REDHL)

CHART: TOP ALTITUDE: ASSIGNED BY ATC.

DO NOT CHART MOCA(S).

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
LONG BEACH/DAUGHERTY FIELD (KLGB)	LONG BEACH	CA
FULLERTON MUNI (KFUL)	FULLERTON	CA
LOS ALAMITOS AAF (KSLI)	LOS ALAMITOS	CA
ZAMPERINI FIELD (KTOA)	TORRANCE	CA

QUALITY
3
CHECKED

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REDHL	TWO	REDHL2.PLZZA	ONE	03/02/2017	12 OCT 2017

COMMUNICATIONS:**LONG BEACH/DAUGHERTY FIELD:** ATIS, CLNC DEL, GND CON, SOCAL DEP CON**FULLERTON MUNI:** ATIS, GND CON, SOCAL DEP CON**LOS ALAMITOS AAF:** TOWER, GND CON, SOCAL DEP CON**ZAMPERINI FIELD:** TOWER, GND CON, SOCAL DEP CON**FIXES AND/OR NAVAIDS:**

QUALITY
3
CHECKED

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REDHL	TWO	REDHL2.PLZZA	ONE	03/02/2017	12 OCT 2017

REMARKS:

1. LONG BEACH/DAUGHERTY FIELD RWY 25L AND 25R CLIMB GRADIENTS MATCH PUBLISHED DIVERSE VECTOR AREA (DVA), AMDT 1 AT AIRPORT.
2. DVA(S) AT LOS ALIMITOS AAF AND ZAMPERINI FIELD ON FILE. NOT PUBLISHED IN TPP BECAUSE THEY DO NOT REQUIRE NON-STANDARD CLIMB GRADIENTS.
3. MOCA(S) NOT CHARTED PER ATC REQUEST.
4. ABBREVIATED AMENDMENT, DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

FLIGHT INSPECTED BY:*Digitally signed by***ROBERT G HAMILTON**

BRYAN VEIT

Aug 11, 2017

OFFICE SYMBOL:

FICO

DATE:

6/28/17

DEVELOPED BY:*Digitally signed by***PETER R GUIMOND**

PETER GUIMOND

May 05, 2017

OFFICE SYMBOL:

AJV-5422

DATE:

05/05/2017

APPROVED BY:*Digitally signed by***ROBERT G HAMILTON**

JULIE MORGAN

Aug 11, 2017

OFFICE SYMBOL:

AJV-5420

DATE:**REQUIRED EFFECTIVE DATE:**

ROUTINE

COORDINATED WITH:**A4A****ALPA****AOPA****APA****HAI****NBAA****OTHER:**

ZLA, SOCAL DEP CON, LGB ATCT, AMGR(S)

CHANGES - REASONS:

1. ADDED RWY 4L, 22R: NA-ATC TO TAKEOFF MINIMUMS AT KSLI - IN ACCORDANCE WITH FAAO 8260.46F, APPENDIX E, PARA 6A.
2. ADDED RWY 29L, 29R: NA-ATC TO TAKEOFF MINIMUMS AT KTOA - IN ACCORDANCE WITH FAAO 8260.46F, APPENDIX E, PARA 6A.
3. AMENDED AER COORDINATES FOR RW07L, RW07R, RW12, RW25L, RW25R, AND RW30 ON FAA FORM 8260-15C AT KLGB - MATCH KLGB PENDING AIRNAV RWY DATA WITH A 6/22/2017 ACTIVATION DATE.
4. AMENDED THE FOLLOWING RWY DISPLACEMENT VALUES ON FAA FORM 15C AT KLGB: RW12 FROM 1351 FT TO 1350 FT, RW25L FROM 1523 FT TO 1505 FT, RW25R FROM 530 FT TO 532 FT, AND RW30 FROM 2002 FT TO 2000 FT - MATCH PENDING AIRNAV RUNWAY DATA WITH A 6/22/2017 ACTIVATION DATE.
6. AMENDED AER COORDINATES FOR RW04R AND RW22L ON FAA FORM 8260-15C AT KSLI - MATCH KSLI ACTIVE AIRNAV RWY DATA.
7. AMENDED RWY 4 TO READ RWY 4R IN TAKEOFF OBSTACLE NOTES AT KSLI - CORRECT RUNWAY NUMBER FOR NOTE.
8. DELETED NOTE: THIS DEPARTURE PROCEDURE NOT AUTHORIZED FOR TURBO-PROP OR TURBO-JET AIRCRAFT - REPLACED BY NEW NOTES.
9. ADDED NOTE: THIS DEPARTURE PROCEDURE NOT AUTHORIZED FOR TURBOJET AIRCRAFT - ATC REQUEST.
10. ADDED NOTE: LAKE HUGHES TRANSITION NOT AUTHORIZED FOR TURBOPROP AIRCRAFT - ATC REQUEST.
11. ADDED CROSS REDHL AT OR ABOVE 2800 TO DP ROUTE DESCRIPTION FOR ALL RWYS AT ALL AIRPORTS - IN ACCORDANCE WITH FAAO 8260.46F, APPENDIX E, PARA 3A.

09/05/2017: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/11/2017.
AMENDED DP COMPUTER CODE FROM REDHL2.REDHL TO READ REDHL2.PLZZA.



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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
REDHL							TWO	REDHL2.PLZZA	ONE	03/02/2017	12 OCT 2017
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
LONG BEACH/DAUGHERTY FIELD (KLGB)											
RW07L (AER)*	334921.89N/1180933.22W*	N	-	-	-	-				*DISPL THLD (1305 FT)	
580 MSL		-	-	VA	090.20	-					
		-	-	VM	090.20						
REDHL	334823.70N/1175854.50W	Y	FB	DF	-	-	AT/ABOVE 2800				
RW07R (AER)	334849.78N/1180940.69W	N	-	-	-	-					
580 MSL		-	-	VA	089.95	-					
-		-	-	VM	089.96	-					
REDHL	334823.70N/1175854.50W	Y	FB	DF	-	-	AT/ABOVE 2800				
RW12 (AER)*	334924.94N/1180930.16W*	N	-	-	-	-				*DISPL THLD (1350 FT)	
580 MSL	-	-	-	VA	134.72	-					
-	-	-	-	VM	134.73	-					
REDHL	334823.70N/1175854.50W	Y	FB	DF	-	-	AT/ABOVE 2800				
RW25L (AER)*	334849.82N/1180854.25W*	N	-	-	-	-				*DISPL THLD (1505 FT)	
800 MSL	-	-	-	VA	269.96	-				CG 330 FT PER NM TO 700	
-	-	-	-	VM	214.00	-					
REDHL	334823.70N/1175854.50W	Y	FB	DF	-	-	AT/ABOVE 2800				
QUALITY 3 CHECKED											

QUALITY
3
CHECKED

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
RW25R (AER)*	334921.74N/1180841.60W*	N	-	-	-	-			*DISPL THLD (532 FT)				
580 MSL	-	-	-	VA	270.20	-			CG 230 FT/NM TO 1600				
-	-	-	-	VM	214.00	-							
REDHL	334823.70N/1175854.50W	Y	FB	DF	-	-	AT/ABOVE 2800						
RW30 (AER)*	334838.64N/1180834.16W*	N	-	-	-	-			*DISPL THLD (2000 FT)				
580 MSL	-	-	-	VA	314.72	-							
-	-	-	-	VM	214.00	-			LEFT TURN				
REDHL	334823.70N/1175854.50W	Y	FB	DF	-	-	AT/ABOVE 2800						
FULLERTON MUNI (KFUL)													
RW06 (AER)*	335216.76N/1175900.36W*	N	-	-	-	-			*DISPL THLD (427 FT)				
596 MSL	-	-	-	VA	076.98	-			CG 280 FT/NM TO 600				
2000 MSL	-	-	-	VA	134.00	-							
-	-	-	-	VM	134.00		AT/ABOVE 2800						
REDHL	334823.70N/1175854.50W	Y	FB	DF	-	-							
RW24 (AER)*	335222.20N/1175832.16W*	N	-	-	-	-			*DISPL THLD (253 FT)				
596 MSL	-	-	-	VA	256.99	-							
2000 MSL	-	-	-	VA	134.00	-							
-	-	-	-	VM	134.00	-							
REDHL	334823.70N/1175854.50W	Y	FB	DF	-	-	AT/ABOVE 2800						

QUALITY

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QUALITY
3
CHECKED

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
REDHL							TWO	REDHL2.PLZZA	ONE	03/02/2017	12 OCT 2017
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
LOS ALAMITOS AAF (KSLI)											
RW04R (AER)	334701.61N/1180336.81W	N	-	-	-	-					
540 MSL	-	-	-	VA	054.00	-					
-	-	-	-	VM	054.01	-					
REDHL	334823.70N/1175854.50W	Y	FB	DF	-	-	AT/ABOVE 2800				
RW22L (AER)	334747.00N/1180219.15W	N	-	-	-	-					
533 MSL	-	-	-	VA	234.01	-					
-	-	-	-	VM	194.00	-					
REDHL	334823.70N/1175854.50W	Y	FB	DF	-	-	AT/ABOVE 2800				
ZAMPERINI FIELD (KTOA)											
RW11L (AER)*	334825.69N/1182039.39W*	N	-	-	-	-			*DISPL THLD (541 FT)		
2700 MSL	-	-	-	VA	128.46	-			CG 325 FT/NM TO 1600		
-	-	-	-	VM	128.46	-					
REDHL	334823.70N/1175854.50W	Y	FB	DF	-	-	AT/ABOVE 2800				
RW11R (AER)	334818.99N/1182038.81W	N	-	-	-	-					
2700 MSL	-	-	-	VA	128.47	-			CG 325 FT/NM TO 1600		
-	-	-	-	VM	128.47	-					

QUALITY

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QUALITY
3
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**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
REDHL							TWO	REDHL2.PLZZA	ONE	03/02/2017	12 OCT 2017
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
REDHL	334823.70N/1175854.50W	Y	FB	DF	-	-	AT/ABOVE 2800				
REDHL	334823.70N/1175854.50W	Y	-	IF	-	-	AT/ABOVE 2800				
PLZZA	335219.92N/1175234.18W	Y	FB	TF	053.31	6.58					
PLZZA	335219.92N/1175234.18W	Y	-	IF	-	-			REDHL2.HEC		
CUTOR	335227.14N/1174632.65W	Y	FB	TF	088.60	5.02					
DRGON	335254.30N/1174016.99W	Y	FB	TF	085.02	5.23	AT 7000				
PDZ VORTAC	335506.01N/1173147.99W	Y	FB	TF	072.72	7.39					
APLES	343254.48N/1170858.14W	Y	FB	TF	026.53	42.22					
HEC VORTAC	344749.26N/1162746.52W	Y	FB	TF	066.14	37.09					
PLZZA	335219.92N/1175234.18W	Y	-	IF	-	-			REDHL2.LHS		
POWUP	335641.25N/1175106.57W	Y	FB	TF	015.61	4.51	AT 6000				
PIRRO	340207.61N/1175234.80W	Y	FB	TF	347.32	5.57	AT 6000				
ITSME	340430.08N/1180017.31W	Y	FB	TF	290.34	6.83					
ELMOO	340554.60N/1180452.53W	Y	FB	TF	290.28	4.06	AT 8000				
KULVR	341252.77N/1181230.99W	Y	FB	TF	317.69	9.41					
KIMMO	342436.57N/1182502.17W	Y	FB	TF	318.53	15.64					
LHS VORTAC	344058.70N/1183436.98W	Y	FB	TF	334.21	18.16					

QUALITY
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