

**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SUPERSEDED NUMBER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>
PLZZA	ONE	PLZZA1.PLZZA	NONE		02 MAR 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"/>

This is a corrected copy of the procedure published in NFDD 008.
Please see page 3 for details.

DP ROUTE DESCRIPTION:

TAKEOFF RWY 02L: CLIMBING LEFT TURN HEADING 330.00 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO SHMRQ, THEN ON TRACK 007.12 TO PLZZA, THENCE...

TAKEOFF RWY 20R: CLIMB ON HEADING 220.00 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO SHMRQ, THEN ON TRACK 007.12 TO PLZZA, THENCE...

...ON (TRANSITION) MAINTAIN ATC ASSIGNED ALTITUDE. 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>
HECTOR	PLZZA1.HEC	PLZZA	CUTOR	TRACK 076.60	05.02	4000	3800	AT/ABOVE 5700
		CUTOR	DRGON	TRACK 073.02	05.23	5500	4700	DRGON AT 7000
		DRGON	PDZ VORTAC	TRACK 060.72	07.39	7000	5300	
		PDZ VORTAC	APLES	TRACK 014.53	42.22	9000	8100	
		APLES	HEC VORTAC	TRACK 054.14	37.09	11000	8500	
LAKE HUGHES	PLZZA1.LHS	PLZZA	POWUP	TRACK 003.61	04.51	4000	3900	POWUP AT 6000
		POWUP	PIRRO	TRACK 335.32	05.57	6000	3900	PIRRO AT 6000
		PIRRO	ITSME	TRACK 278.34	06.83	6000	3700	
		ITSME	ELMOO	TRACK 278.28	04.06	6000	4700	ELMOO AT 8000
		ELMOO	KULVR	TRACK 305.69	09.41	8000	7800	
		KULVR	KIMMO	TRACK 306.53	15.64	8000	7500	
		KIMMO	LHS VORTAC	TRACK 322.21	18.16	8000	8000	

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV-1

NOTE: DME/DME/IRU OR GPS REQUIRED

NOTE: THIS DEPARTURE PROCEDURE NOT AUTHORIZED FOR TURBO-PROP OR TURBO-JET AIRCRAFT

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 02L, 20R, POM AND PDZ DME MUST BE OPERATIONAL.

TAKEOFF MINIMUMS:

RWY 20R, STANDARD WITH MINIMUM CLIMB OF 270 FEET PER NM TO 1300.



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PLZZA	ONE	PLZZA1.PLZZA	NONE		02 MAR 2017

RWY 02L, STANDARD.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 02L, POLE AND TREES BEGINNING 94 FEET FROM DER, 490 FEET LEFT OF CENTERLINE, UP TO 26 FEET AGL/63 FEET MSL. NAVAID 497 FEET FROM DER, 625 FEET RIGHT OF CENTERLINE, 19 FEET AGL/55 FEET MSL. TREES BEGINNING 970 FEET FROM DER, 608 FEET LEFT OF CENTERLINE, UP TO 90 FEET AGL/127 FEET MSL.

NOTE: RWY 20R, POLE AND TREES BEGINNING 204 FEET FROM DER, 490 FEET RIGHT OF CENTERLINE, UP TO 38 FEET AGL/91 FEET MSL. WSK ON HANGAR 536 FEET FROM DER, 605 FEET LEFT OF CENTERLINE, 40 FEET AGL/92 FEET MSL. POLES AND TREES BEGINNING 808 FEET FROM DER, 489 FEET RIGHT OF CENTERLINE, UP TO 58 FEET AGL/108 FEET MSL. TREE 1574 FEET FROM DER, 765 FEET LEFT OF CENTERLINE, 60 FEET AGL/113 FEET MSL.

CONTROLLING OBSTACLES:

RWY 20R, 899 FT MSL AAO 333629.33N/1175039.11W (CG). 939 FT MSL AAO 333557.49N/1175005.25W (CTA).

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: AS ASSIGNED BY ATC.

REFERENCE MAG VAR: KSNA 12E EPOCH YR: 2015

DME/DME ASSESSMENT SAT: RNP (2.0)

PILOT NAVIGATION AREA: 7 NM ARC CENTERED ON SHMRQ (IF); CW FROM PT A (BEARING 322.12 TO SHMRQ) TO POINT B (BEARING 52.12 TO SHMRQ).

CHART: MINIMUM CROSSING ALTITUDE AT SHMRQ 2800.

CHART: SPEED ICON MAXIMUM SPEED 190 KIAS AT CUTOR

DO NOT CHART MOCAS.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
JOHN WAYNE AIRPORT-ORANGE COUNTY	SANTA ANA	CA

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON (EAST/WEST)

SOCAL DEP CON

FIXES AND/OR NAVAIDS:

REMARKS:

SPEED AT OR BELOW 190 KIAS AT CUTOR AGREED TO BY WORK GROUP, PROCEDURE RESTRICTED TO P AND Q CLASS AIRCRAFT AS DEFINED IN THE AIRPORT/FACILITY DIRECTORY (A/FD) SOUTHWEST



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PLZZA	ONE	PLZZA1.PLZZA	NONE		02 MAR 2017

FLIGHT INSPECTED BY:

SCOTT A. THOMPSON

*Digitally signed by***BEV L BORDY**

Dec 21, 2016

OFFICE SYMBOL:

FIOG

DATE:

12/28/2016

DEVELOPED BY:

PHILLIP BRANDENBURG

phillip.brandenburg@faa.gov

Digitally signed by phillip.brandenburg@faa.gov
DN: cn=phillip.brandenburg@faa.gov
Date: 2016.08.24 12:53:28 -05'00'

OFFICE SYMBOL:

AJV-5432

DATE:

12/14/2016

APPROVED BY:

LONNIE EVERHART

*Digitally signed by***BEV L BORDY**

Dec 21, 2016

OFFICE SYMBOL:

AJV-5430

DATE:**REQUIRED EFFECTIVE DATE:**

ROUTINE

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

ZLA, SOCAL DEP CON, LGB ATCT, WESTERN FPT, AMGR

CHANGES - REASONS:

1. ORIGINAL - PER FPT/ATC REQUEST.

12/14/16 - THIS IS AN UPDATED COPY OF THE FORMS DEVELOPED ON 8/24/16. - PB

1. INCREASED MEA'S: PLZZA TO CUTOR FROM 3900 TO 4000; CUTOR TO DRGON FROM 5300 TO 5500; DRGON TO PDZ VORTAC FROM 5300 TO 7000; PLZZA TO POWUP FROM 3900 TO 4000; POWUP TO PIRRO FROM 3900 TO 6000; PIRRO TO ITSME FROM 3900 TO 6000; ITSME TO ELMOO FROM 4700 TO 6000; ELMOO TO KULVR FROM 7800 TO 8000; KULVR TO KIMMO FROM 7700 TO 8000.

2. ADDED NOTE "DO NOT CHART MOCA'S" TO ADDITIONAL FLIGHT DATA.

3. ADDED NOTE "FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 02L, 20R, POM AND PDZ DME MUST BE OPERATIONAL."

12/29/16: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/14/16.

1. CHANGED TOP ALTITUDE FROM 6000 TO AS ASSIGNED BY ATC.

1/5/17: THIS IS AN CORRECTED COPY OF THE FORM DEVELOPED ON 12/29/16.

1. CHANGED MAINTAIN 6000 TO MAINTAIN ATC ASSIGNED ALTITUDE IN DP ROUTE DESCRIPTION.

2. CHANGED TRANSITION COMPUTER CODES FROM REDHL1 TO PLZZA1.



QUALITY
10
CHECKED

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
PLZZA							ONE	PLZZA1.PLZZA	NONE		02 MAR 2017
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
SHMRQ	334832.25N/1175408.82W	Y	-	IF	-	-	AT/ABOVE 2800				
PLZZA	335219.92N/1175234.18W	Y	FB	TF	019.12	04.01					
PLZZA	335219.92N/1175234.18W	Y	-	IF	-	-			PLZZA1.HEC		
CUTOR	335227.14N/1174632.65W	Y	FB	TF	088.60	05.02	AT/ABOVE 5700	AT/BELOW 190K			
DRGON	335254.30N/1174016.99W	Y	FB	TF	085.02	05.23	AT 7000				
PDZ VORTAC	335506.01N/1173147.99W	Y	FB	TF	072.72	07.39					
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	-	-			PLZZA1.LHS		
POWUP	335641.25N/1175106.57W	Y	FB	TF	015.61	04.51	AT 6000				
PIRRO	340207.61N/1175234.80W	Y	FB	TF	347.32	05.57	AT 6000				
ITSME	340430.08N/1180017.31W	Y	FB	TF	290.34	06.83					
ELMOO	340554.60N/1180452.53W	Y	FB	TF	290.28	04.06	AT 8000				
KULVR	341252.77N/1181230.99W	Y	FB	TF	317.69	09.41					
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
10
CHECKED