

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.

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
SUMMR	TWO	SUMMR2.SUMMR	ONE	12/07/2017	10OCT2019

TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 24L: CLIMB HEADING 251.00 TO 640, THEN CLIMB DIRECT TO CROSS DLREY AT OR BELOW 3000, THEN ON TRACK 255.95 TO CROSS ENNEY AT OR BELOW 5000, THEN ON TRACK 252.68 TO NAANC, THEN ON TRACK 252.71 TO CROSS DARRK AT OR BELOW 12000, THEN ON TRACK 260.07 TO SUMMR, THENCE...

TAKEOFF RWY 24R: CLIMB HEADING 251.00 TO 640, THEN CLIMB DIRECT TO CROSS FABRA AT OR BELOW 3000, THEN ON TRACK 252.68 TO CROSS ENNEY AT OR BELOW 5000, THEN ON TRACK 252.68 TO NAANC, THEN ON TRACK 252.71 TO CROSS DARRK AT OR BELOW 12000, THEN ON TRACK 260.07 TO SUMMR, THENCE...

TAKEOFF RWY 25L: CLIMB HEADING 251.01 TO 640, THEN CLIMB DIRECT TO CROSS HIIPR AT OR BELOW 3000, THEN ON TRACK 255.75 TO CROSS EVOSE AT OR BELOW 5000, THEN ON TRACK 252.36 TO MKGEE, THEN ON TRACK 257.78 TO CROSS DARRK AT OR BELOW 12000, THEN ON TRACK 260.07 TO SUMMR, THENCE...

TAKEOFF RWY 25R: CLIMB HEADING 251.01 TO 640, THEN CLIMB DIRECT TO CROSS DOCKR AT OR BELOW 3000, THEN ON TRACK 252.35 TO CROSS EVOSE AT OR BELOW 5000, THEN ON TRACK 252.36 TO MKGEE, THEN ON TRACK 257.78 TO CROSS DARRK AT OR BELOW 12000, THEN ON TRACK 260.07 TO SUMMR, THENCE...

...ON (TRANSITION) MAINTAIN FL230. EXPECT FILED ALTITUDE 5 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
DINTY	SUMMR2.DINTY	SUMMR	OLOFF	TRACK 289.82	9.97	8000		
		OLOFF	RIZIN	TRACK 312.46	29.56	12000		
		RIZIN	OINGO	TRACK 253.27	46.54	12000		
		OINGO	DINTY	TRACK 232.61	117.64	12000		
FICKY	SUMMR2.FICKY	SUMMR	BNANO	TRACK 234.50	18.10	8000		
		BNANO	DONKS	TRACK 206.14	91.46	8000		
		DONKS	FICKY	TRACK 205.56	78.12	8000		
MCKEY	SUMMR2.MCKEY	SUMMR	OLOFF	TRACK 289.82	9.97	8000		
		OLOFF	RIZIN	TRACK 312.46	29.56	12000		
		RIZIN	MCKEY	TRACK 298.46	99.86	12000		
RIZIN	SUMMR2.RIZIN	SUMMR	OLOFF	TRACK 289.82	9.97	8000		



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SUMMR			TWO	SUMMR2.SUMMR	ONE		12/07/2017	10OCT2019
		OLOFF	RIZIN	TRACK 312.46	29.56	12000		
SCTRR	SUMMR2.SCTRR	SUMMR	OLOFF	TRACK 289.82	9.97	8000		
		OLOFF	RIZIN	TRACK 312.46	29.56	12000		
		RIZIN	TESEA	TRACK 310.08	57.93	12000		
		TESEA	SCTRR	TRACK 311.16	26.58	12000		
STOKD	SUMMR2.STOKD	SUMMR	OLOFF	TRACK 289.82	9.97	8000		
		OLOFF	RIZIN	TRACK 312.46	29.56	12000		
		RIZIN	SPLNT	TRACK 302.53	58.02	12000		
		SPLNT	STOKD	TRACK 305.43	32.28	12000		

PROCEDURAL DATA NOTES:

NOTE: RNAV 1
NOTE: RADAR REQUIRED
NOTE: STOKD, SCTRR, RIZIN, AND MCKEY TRANSITIONS: DME/DME/IRU OR GPS REQUIRED.
NOTE: DINTY AND FICKY TRANSITIONS: GPS ONLY.
NOTE: TURBO-JET AIRCRAFT ONLY.
NOTE: FILE THE RIZIN TRANSITION IN LIEU OF THE LADYJ DEPARTURE DURING TIME PERIODS 2100-0700 LCL. ALL OTHER TIMES RIZIN TRANSITION ATC ASSIGNED ONLY.

TAKEOFF MINIMUMS:

RWY 6L, 6R, 7L, 7R, NA-ATC.
 RWY 24L, 24R, 25L, 25R, STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 640 FT.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

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

CHART: TOP ALTITUDE: FL230
 REFERENCE MAG VAR; KLAX 12E/2020
 DME/DME ASSESSMENT: SAT (RNP 2.0)
 DME/DME ASSESSMENT NOT PERFORMED FOR DINTY AND FICKY TRANSITIONS.
 CHART: HOLDING AT SPLNT (HOLD SE, LT, 302.53 INBOUND, 10.0 NM LEGS).
 CHART: R-2519.
 CHART W-289E, S, W.



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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>
SUMMR	TWO	SUMMR2.SUMMR	ONE	12/07/2017	10OCT2019

CHART: W-537.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
LOS ANGELES INTL	LOS ANGELES	CA

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON (N/S/W), TWR(N/S), SOCAL APP CON (045-224) / (225-044)

FIXES AND/OR NAVAIDS:REMARKS:

THE PROXIMITY OF THE DEPARTURE ROUTE TO R2519 HAS BEEN APPROVED BY ATC.
MOCA(S) NOT CHARTED PER ATC REQUEST TO REDUCE CHART CLUTTER.
ABBREVIATED AMENDMENT.

FLIGHT INSPECTED BY:

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION
REVIEW NOT REQUIRED

*Digitally signed by***DONALD H LANIER**DEVELOPED BY:

Digitally signed by
LIAM DONAHUE
LIAM DONAHUE
May 02, 2019

May 03, 2019

OFFICE SYMBOL:DATE:OFFICE SYMBOL:DATE:

AJV-A431

04/17/2019

APPROVED BY:

Digitally signed by
LONNIE EVERHART
DONALD H LANIER
May 03, 2019

OFFICE SYMBOL:DATE:

AJV-A430

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, LAX TOWER, SOCAL APP CON

CHANGES - REASONS:

1. ADDED PROCEDURAL DATA NOTE: FILE THE RIZIN TRANSITION IN LIEU OF THE LADY J DEPARTURE DURING TIME PERIODS 2100-0700 LCL. ALL OTHER TIMES RIZIN TRANSITION ATC ASSIGNED ONLY. - ATC REQUEST.
2. REMOVED TAKEOFF OBSTACLES AND ADDED STATEMENT: SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP). - APPLIED CRITERIA MEMO #259.
3. ADDED "ABBREVIATED AMENDMENT" TO REMARKS. - FAAO 8260.46F, APPDX D, SECTION 2, #14C.

08/06/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/03/19.
LADY J DEPARTURE CHANGED TO LADYJ DEPARTURE IN RIZIN TRANSITION NOTE.



**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>
SUMMR		TWO		SUMMR2.SUMMR		ONE		12/07/2017	10OCT2019
<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>
RW24L (AER)*	335700.70N/1182406.01W*	N	-	-	-	-			*DISPL THLD (802FT)
640 MSL	-	-	-	VA	263.00	-			CG 500 FT/NM TO 640
DLREY	335637.25N/1182754.53W	Y	FB	DF	-	-	AT/BELOW 3000		
ENNEY	335632.86N/1183020.84W	Y	FB	TF	267.95	2.03	AT/BELOW 5000		
NAANC	335554.00N/1183838.00W	Y	FB	TF	264.68	6.92			
DARRK	335501.06N/1184957.18W	Y	FB	TF	264.71	9.46	AT/BELOW 12000		
SUMMR	335520.57N/1190059.94W	Y	FB	TF	272.07	9.20			
RW24R (AER)	335707.57N/1182407.02W	N	-	-	-	-			
640 MSL	-	-	-	VA	263.00	-			CG 500 FT/NM TO 640
FABRA	335644.30N/1182753.85W	Y	FB	DF	-	-	AT/BELOW 3000		
ENNEY	335632.86N/1183020.84W	Y	FB	TF	264.68	2.05	AT/BELOW 5000		
NAANC	335554.00N/1183838.00W	Y	FB	TF	264.68	6.92			
DARRK	335501.06N/1184957.18W	Y	FB	TF	264.71	9.46	AT/BELOW 12000		
SUMMR	335520.57N/1190059.94W	Y	FB	TF	272.07	9.20			
RW25L (AER)	335614.51N/1182257.77W	N	-	-	-	-	-		
640 MSL	-	-	-	VA	263.01	-			CG 500 FT/NM TO 640
HIIPR	335547.45N/1182721.59W	Y	FB	DF	-	-	AT/BELOW 3000		
EVOSE	335542.26N/1182959.03W	Y	FB	TF	267.75	2.19	AT/BELOW 5000		
MKGEE	335504.00N/1183741.00W	Y	FB	TF	264.36	6.44			
DARRK	335501.06N/1184957.18W	Y	FB	TF	269.78	10.21	AT/BELOW 12000		

QUALITY
8
CHECKED

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SUMMR							TWO	SUMMR2.SUMMR	ONE	12/07/2017	10OCT2019
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)		ALTITUDE	SPEED		REMARKS
SUMMR	335520.57N/1190059.94W	Y	FB	TF	272.07	9.20					
RW25R (AER)*	335622.41N/1182258.47W*	N	-	-	-	-					*DISPL THLD (957 FT)
640 MSL	-	-	-	VA	263.01	-					CG 500 FT/NM TO 640
DOCKR	335554.64N/1182729.17W	Y	FB	DF	-	-		AT/BELOW 3000			
EVOSE	335542.26N/1182959.03W	Y	FB	TF	264.35	2.09		AT/BELOW 5000			
MKGEE	335504.00N/1183741.00W	Y	FB	TF	264.36	6.44					
DARRK	335501.06N/1184957.18W	Y	FB	TF	269.78	10.21		AT/BELOW 12000			
SUMMR	335520.57N/1190059.94W	Y	FB	TF	272.07	9.20					
SUMMR	335520.57N/1190059.94W	Y	-	IF	-	-					SUMMR2.DINTY
OLOFF	340035.97N/1191111.07W	Y	FB	TF	301.82	9.97					
RIZIN	342439.97N/1193157.04W	Y	FB	TF	324.46	29.56					
OINGO	342036.30N/1202758.08W	Y	FB	TF	265.27	46.54					
DINTY	332858.49N/1223502.38W	Y	FB	TF	244.61	117.64					
SUMMR	335520.57N/1190059.94W	Y	-	IF	-	-					SUMMR2.FICKY
BNANO	334805.22N/1192054.96W	Y	FB	TF	246.50	18.10					
DONKS	323542.87N/1202746.49W	Y	FB	TF	218.14	91.46					
FICKY	313327.38N/1212330.47W	Y	FB	TF	217.56	78.12					

QUALITY
8
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SUMMR							TWO	SUMMR2.SUMMR	ONE	12/07/2017	10OCT2019
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
SUMMR	335520.57N/1190059.94W	Y	-	IF	-	-				SUMMR2.MCKEY	
OLOFF	340035.97N/1191111.07W	Y	FB	TF	301.82	9.97					
RIZIN	342439.97N/1193157.04W	Y	FB	TF	324.46	29.56					
MCKEY	352859.14N/1210459.30W	Y	FB	TF	310.46	99.86					
SUMMR	335520.57N/1190059.94W	Y	-	IF	-	-				SUMMR2.RIZIN	
OLOFF	340035.97N/1191111.07W	Y	FB	TF	301.82	9.97					
RIZIN	342439.97N/1193157.04W	Y	FB	TF	324.46	29.56					
SUMMR	335520.57N/1190059.94W	Y	-	IF	-	-				SUMMR2.SCTRR	
OLOFF	340035.97N/1191111.07W	Y	FB	TF	301.82	9.97					
RIZIN	342439.97N/1193157.04W	Y	FB	TF	324.46	29.56					
TESEA	351018.91N/1201522.87W	Y	FB	TF	322.08	57.93					
SCTRR	353135.79N/1203454.69W	Y	FB	TF	323.16	26.58					
SUMMR	335520.57N/1190059.94W	Y	-	IF	-	-				SUMMR2.STOKD	
OLOFF	340035.97N/1191111.07W	Y	FB	TF	301.82	9.97					
RIZIN	342439.97N/1193157.04W	Y	FB	TF	324.46	29.56					
SPLNT	350515.00N/1202221.51W	Y	FB	TF	314.53	58.02					
STOKD	352900.57N/1204905.68W	Y	FB	TF	317.43	32.28					

