

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SHASTA	TWO	SHA2.RDD	ONE	05 APR 2012	12 DEC 2013

TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 12: CLIMB HEADING 122.09 (OR ATC ASSIGNED 340.00 CW 230.00); THENCE...
 TAKEOFF RWY 16: CLIMB HEADING 162.08 (OR ATC ASSIGNED 350.00 CW 230.00); THENCE...
 TAKEOFF RWY 30: CLIMB HEADING 302.10 (OR ATC ASSIGNED HEADING 130.00 CW 360.00); THENCE...
 TAKEOFF RWY 34: CLIMB HEADING 342.08 OR ATC ASSIGNED HEADING 170.00 CW 360.00); THENCE...
 ...EXPECT VECTORS TO JOIN ASSIGNED ROUTE. MAINTAIN ASSIGNED ALTITUDE; EXPECT FILED ALTITUDE/FLIGHT LEVEL TEN MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS: RWY 12, STANDARD WITH MINIMUM CLIMB OF 345 FT PER NM TO 12700. RWY 16, STANDARD WITH MINIMUM CLIMB OF 335 FT PER NM TO 12700. RWY 30, STANDARD WITH MINIMUM CLIMB OF 460 FT PER NM TO 8400. RWY 34, STANDARD WITH MINIMUM CLIMB OF 445 FT PER NM TO 8300.
 CHART NOTE: RADAR REQUIRED.

TAKEOFF OBSTACLES NOTES:

RWY 12, BUSH 86 FT FROM DER, 388 FT LEFT OF CENTERLINE, 11 FT AGL/500 FT MSL. NUMEROUS TREES BEGINNING 462 FT FROM DER, 209 FT LEFT OF CENTERLINE, UP TO 91 FT AGL/570 FT MSL.
 RWY 30, NUMEROUS TREES BEGINNING 1936 FT FROM DER, 210 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/594 FT MSL. NUMEROUS POLES BEGINNING 289 FT FROM DER, 442 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/534 FT MSL. POLE 850 FT FROM DER, 524 FT RIGHT OF CENTERLINE, 35 FT AGL/536 FT MSL. NUMEROUS TREES BEGINNING 1686 FT FROM DER, 326 FT RIGHT OF CENTERLINE, UP TO 68 FT AGL/577 FT MSL. BLDG 305 FT FROM DER, 385 FT LEFT OF CENTERLINE 24 FT AGL/522 FT MSL. HGR 1126 FT FROM DER, 528 FT LEFT OF CENTERLINE, 34 FT AGL/537 FT MSL.
 RWY 34, SIGN 98 FT FROM DER, 356 FT LEFT OF CENTERLINE 5 FT AGL/510 FT MSL. TREE 588 FT FROM DER, 483 FT LEFT OF CENTERLINE, 121 FT AGL/521 FT MSL.

CONTROLLING OBSTACLES:

RWY 12, 16: 10657 FT MSL AAO, 402906.90N/1213022.00W.
 RWY 30: 6328 FT MSL TOWER, 403610.00N/1223901.00W.
 RWY 34: 6328 FT MSL TOWER, 403610.00N/1223901.00W 7174 FT MSL AAO, 403321.70N/1224546.80W.
 OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 12, 16 – 7174 FT MSL AAO, 403321.70N/1224546.80W. RWY 30, 34 – 10657 MSL AAO 402906.90N/1213022.00W.

QUALITY
1
CHECKED

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LOST COMMUNICATIONS PROCEDURES:

IF NO CONTACT WITH OAKLAND CENTER AFTER REACHING 4000 PROCEED TO RBL VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:**AIRPORTS SERVED:**

REDDING MUNI, REDDING, CA

COMMUNICATIONS:

ATIS, GND, KRDD TOWER (CTAF), ZOA

FIXES AND/OR NAVAIDS:

RBL VORTAC, CIC VOR/DME MXW VORTAC, ILA VORTAC, FJS VOR/DME, SAC VORTAC, LMT VORTAC FMG VORTAC, RDD VOR/DME.

REMARKS:

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CHANGES:

1. CHANGED DP ROUTE DESCRIPTION TO READ: ...EXPECT VECTORS TO JOIN ASSIGNED ROUTE. MAINTAIN ASSIGNED ALTITUDE; EXPECT FILED ALTITUDE/FLIGHT LEVEL TEN MINUTES AFTER DEPARTURE FROM FIVE MINUTES AFTER DEPARTURE.
2. UPDATED TAKEOFF OBSTACLE NOTES.

REASONS:

1. ATC REQUEST.
2. CRITERIA.

→ 10/24/13: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/22/13.
1. CHANGED RWY 34 CONTROLLING OBSTACLE MSL VALUE FROM 6238 TO 6328. ←

10/24/13
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010000

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SHASTA	TWO	SHA2.RDD	ONE	05 APR 2012	12 DEC 2013

ARINC PACKET - 424-18 - SID

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRDDK2DSHA2	1RW12	010	0 E	VM		1221			18000			
SUSAP	KRDDK2DSHA2	1RW16	010	0 E	VM		1621			18000			
SUSAP	KRDDK2DSHA2	1RW30	010	0 E	VM		3021			18000			
SUSAP	KRDDK2DSHA2	1RW34	010	0 E	VM		3421			18000			
SUSAP	KRDDK2DSHA2	3CIC	010KRDD	K2PA0A	IF					18000			
SUSAP	KRDDK2DSHA2	3CIC	020CIC	K2D OVE	DF								
SUSAP	KRDDK2DSHA2	3FJS	010KRDD	K2PA0A	IF					18000			
SUSAP	KRDDK2DSHA2	3FJS	020FJS	K2D OVE	DF								
SUSAP	KRDDK2DSHA2	3FMG	010KRDD	K2PA0A	IF					18000			
SUSAP	KRDDK2DSHA2	3FMG	020FMG	K2D OVE	DF								
SUSAP	KRDDK2DSHA2	3ILA	010KRDD	K2PA0A	IF					18000			
SUSAP	KRDDK2DSHA2	3ILA	020ILA	K2D OVE	DF								
SUSAP	KRDDK2DSHA2	3LMT	010KRDD	K2PA0A	IF					18000			
SUSAP	KRDDK2DSHA2	3LMT	020LMT	K1D OVE	DF								
SUSAP	KRDDK2DSHA2	3MXW	010KRDD	K2PA0A	IF					18000			
SUSAP	KRDDK2DSHA2	3MXW	020MXW	K2D OVE	DF								
SUSAP	KRDDK2DSHA2	3RBL	010KRDD	K2PA0A	IF					18000			
SUSAP	KRDDK2DSHA2	3RBL	020RBL	K2D OVE	DF								
SUSAP	KRDDK2DSHA2	3RDD	010KRDD	K2PA0A	IF					18000			
SUSAP	KRDDK2DSHA2	3RDD	020RDD	K2D OVE	DF								
SUSAP	KRDDK2DSHA2	3SAC	010KRDD	K2PA0A	IF					18000			
SUSAP	KRDDK2DSHA2	3SAC	020SAC	K2D OVE	DF								

QUALITY
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[illegible]

QUALITY
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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
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ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW12		010		VM		FB		122.1()			
	RW16		010		VM		FB		162.1()			
	RW30		010		VM		FB		302.1()			
	RW34		010		VM		FB		342.1()			
	CIC	KRDD	010		IF		FB					
	CIC	CIC	020		DF		FB					
	FJS	KRDD	010		IF		FB					
	FJS	FJS	020		DF		FB					
	FMG	KRDD	010		IF		FB					
	FMG	FMG	020		DF		FB					
	ILA	KRDD	010		IF		FB					
	ILA	ILA	020		DF		FB					
	LMT	KRDD	010		IF		FB					
	LMT	LMT	020		DF		FB					
	MXW	KRDD	010		IF		FB					
	MXW	MXW	020		DF		FB					
	RBL	KRDD	010		IF		FB					
	RBL	RBL	020		DF		FB					
	RDD	KRDD	010		IF		FB					
	RDD	RDD	020		DF		FB					
	SAC	KRDD	010		IF		FB					
	SAC	SAC	020		DF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIC	N394723.37	W1215049.90	N3947.390	W12150.832
	FJS	N412658.81	W1224823.21	N4126.980	W12248.387
	FMG	N393152.55	W1193921.86	N3931.876	W11939.364
	ILA	N390416.14	W1220138.08	N3904.269	W12201.635
	LMT	N420911.33	W1214339.08	N4209.189	W12143.651
	MXW	N391903.26	W1221317.54	N3919.054	W12213.292
	RBL	N400556.08	W1221410.86	N4005.935	W12214.181
	RDD	N403016.42	W1221730.12	N4030.274	W12217.502
	SAC	N382637.48	W1213305.94	N3826.625	W12133.099
	RW12	N403042.90	W1221749.84	N4030.715	W12217.831
	RW16	N403113.21	W1221741.47	N4031.220	W12217.691
	RW30	N403004.49	W1221707.76	N4030.075	W12217.129
	RW34	N403004.00	W1221741.59	N4030.067	W12217.693

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH

004117
12 DEC 2013

DEPARTURE (DATA RECORD)

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RW12	00500	50
RW16	00505	36
RW30	00492	36
RW34	00491	52

SHASTA
12 DEC 2013