

**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.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
MMORK	ONE	MMORK1.MMORK	NONE		25JAN2024

<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 2: CLIMB ON HEADING 013.18 TO 629, THEN LEFT TURN DIRECT TO CROSS MMORK AT OR ABOVE 4500 AND AT OR BELOW 230 KIAS, THENCE...
 TAKEOFF RWY 14: CLIMB ON HEADING 141.19 TO 629, THEN RIGHT TURN DIRECT MRRIN, THEN ON DEPICTED ROUTE, THENCE...
 TAKEOFF RWY 20: CLIMB ON HEADING 193.18 TO 629, THEN RIGHT TURN DIRECT MRRIN, THEN ON DEPICTED ROUTE, THENCE...
 TAKEOFF RWY 32: CLIMB ON HEADING 321.19 TO 629, THEN LEFT TURN DIRECT TO CROSS MMORK AT OR ABOVE 4500 AND AT OR BELOW 230 KIAS, THENCE...

...ON ASSIGNED 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>
MENDOCINO	MMORK1.ENI	MMORK	FLUBR	TRACK 316.04	12.50	4600		
		FLUBR	ENI VORTAC	TRACK 339.94	20.19	5600		

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

PROCEDURAL DATA NOTES:

NOTE: DO NOT EXCEED 230K UNTIL PASSING MMORK.

TAKEOFF MINIMUMS:

RWY 14: STANDARD
 RWY 20: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 629.
 RWY 2: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 629, THEN MINIMUM CLIMB OF 330 FT/NM TO 2300.
 RWY 32: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 629, THEN MINIMUM CLIMB OF 380 FT/NM TO 2300.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 2: 1641 AAO 383130.00N/1225518.00W
 RWY 32: 1641 AAO 383130.00N/1225518.00W

MSA:

MSA FROM KSTS, 5900.

LOST COMMUNICATIONS PROCEDURES:



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
MMORK	ONE	MMORK1.MMORK	NONE		25JAN2024

ADDITIONAL FLIGHT DATA:

AIRPORT MV: STS 16E/1985
 CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 CHART SPEED ICON: MAXIMUM SPEED 230 KIAS AT MMORK.
 DME/DME ASSESSMENT: SAT (RNP 2.0).

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSTS	SANTA ROSA	CA

COMMUNICATIONS:

ATIS, GND CON, TWR, OAKLAND CENTER, CTAF, UNICOM.

FIXES AND/OR NAVAIDS:

REMARKS:

RWY 20 REQUIRED CG DUE TO REQUIRED TURN TO MRRIN, NOT OBSTACLE DRIVEN - PER ATC REQUEST

FLIGHT INSPECTED BY

GARY J VEER	<u>SIGNATURE</u> <i>Digitally signed by</i> MICHAEL GARRITY	<u>OFFICE</u> FPO	<u>DATE</u> 11/15/2023
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DEVELOPED BY

JASON KRETSCHMER (HENRY BRADSHAW)	<u>SIGNATURE</u> <i>Digitally signed by</i> MICHAEL GARRITY	<u>OFFICE</u> AJV-A423	<u>DATE</u> 08/03/2023
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APPROVED BY

JASON KRETSCHMER	<u>SIGNATURE</u> <i>Digitally signed by</i> MICHAEL GARRITY	<u>OFFICE</u> AJV-A421	<u>DATE</u>	<u>TITLE</u> MANAGER
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REQUIRED EFFECTIVE DATE

ROUTINE Nov 24, 2023

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZOA, APP CON, AMGR

CHANGES - REASONS:



**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>ACTUAL EFFECTIVE DATE</u>				
MMORK	ONE	MMORK1.MMORK	NONE		25JAN2024				
<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>
RW02 (AER)	383011.39N/1224915.47W	N	-	-	-	-			
629 MSL	-	-	-	VA	029.18	-			CG 500 FT PER NM TO 629, THEN CG 330 FT PER NM TO 2300
MMORK	383159.10N/1230708.35W	Y	FB	DF	-	-	AT/ABOVE 4500	AT/BELOW 230K	LEFT TURN
RW14 (AER)	383103.06N/1224849.74W	N	-	-	-	-			
629 MSL	-	-	-	VA	157.19	-			
MRRIN	382834.80N/1225641.39W	Y	FB	DF	-	-			RIGHT TURN
MMORK	383159.10N/1230708.35W	Y	FB	TF	292.58	8.88	AT/ABOVE 4500	AT/BELOW 230K	
RW20 (AER)	383056.29N/1224843.56W	N	-	-	-	-			
629 MSL	-	-	-	VA	209.18	-			CG 500 FT PER NM TO 629
MRRIN	382834.80N/1225641.39W	Y	FB	DF	-	-			RIGHT TURN
MMORK	383159.10N/1230708.35W	Y	FB	TF	292.58	8.88	AT/ABOVE 4500	AT/BELOW 230K	
RW32 (AER)	383008.39N/1224820.48W	N	-	-	-	-			
629 MSL	-	-	-	VA	337.19	-			CG 500 FT PER NM TO 629, THEN CG 380 FT PER NM TO 2300.
MMORK	383159.10N/1230708.35W	Y	FB	DF	-	-	AT/ABOVE 4500	AT/BELOW 230K	LEFT TURN
MMORK	383159.10N/1230708.35W	Y	-	IF	-	-			MMORK1.ENI
FLUBR	384301.82N/1231437.50W	Y	FB	TF	332.04	12.50			
ENI VORTAC	390311.58N/1231627.58W	Y	FB	TF	355.94	20.19			

