

**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SUPERSEDED NUMBER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>EFFECTIVE DATE</u>
MONTEREY	FOUR	MRY4.MRY	THREE	07/21/2016	

<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 type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKE-OFF RWY 10L CLIMBING LEFT TURN HEADING 329. THENCE...

TAKE-OFF RWY 10R CLIMBING LEFT TURN HEADING 329. THENCE...

TAKE-OFF RWY 28L CLIMB HEADING 278 UNTIL LEAVING 1100 OR AS DIRECTED BY MONTEREY TOWER. THEN CLIMBING RIGHT TURN HEADING 329. THENCE...

TAKE-OFF RWY 28R CLIMB HEADING 278 UNTIL LEAVING 1100 OR AS DIRECTED BY MONTEREY TOWER. THEN CLIMBING RIGHT TURN HEADING 329. THENCE...

...ALL AIRCRAFT EXPECT VECTORS TO ASSIGNED ROUTE/FIX. ALTITUDE WILL BE ASSIGNED BY ATC. MAINTAIN 7000 OR ASSIGNED ALTITUDE. EXPECT CLEARANCE TO FILED ALTITUDE FIVE 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>
------------------------	-------------------------------------	----------------------------	--------------------------	---------------	-----------------	------------	-------------	------------------------------------

PROCEDURAL DATA NOTES:

TAKEOFF MINIMUMS:

RWY 10L, STANDARD WITH MINIMUM CLIMB OF 360 FT PER NM TO 2900.

RWY 10R, STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 2800.

RWY 28L, STANDARD WITH MINIMUM CLIMB OF 310 FT PER NM TO 1100.

RWY 28R, STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 1100.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 10L: NAVAID 556 FT FROM DER, 217 FT RIGHT OF CENTERLINE, 20 FT AGL/272 FT MSL. BUSHES BEGINNING 1.6 NM FROM DER, 1188 FT LEFT OF CENTERLINE UP TO 9 FT AGL/729 FT MSL. TREES BEGINNING 1.7 NM FROM DER, 923 FT LEFT OF CENTERLINE UP TO 102 FT AGL/764 FT MSL. TREES BEGINNING 1.6 NM FROM DER, 1993 FT RIGHT OF CENTERLINE UP TO 90 FT AGL/923 FT MSL. BUSHES BEGINNING 1.9 NM FROM DER, 2497 FT RIGHT OF CENTERLINE UP TO 9 FT AGL/781 FT MSL. TOWER 2 NM FROM DER 3305 FT LEFT OF CENTERLINE, 27 FT AGL/767 FT MSL.

NOTE: RWY 10R: GROUND 11 FT FROM DER, 358 FT LEFT OF CENTERLINE 258 FT MSL. TREE 230 FT FROM DER 388 FT LEFT OF CENTERLINE 21 FT AGL/265 FT MSL. NAVAID 240 FT FROM DER, 282 FT LEFT OF CENTERLINE, 20 FT AGL/272 FT MSL. BUSHES BEGINNING 1.5 NM FROM DER, 2381 FT LEFT OF CENTERLINE, UP TO 9 FT AGL/648 FT MSL. TREES BEGINNING 1.7 NM FROM DER, 388 FT LEFT OF CENTERLINE UP TO 76 FT AGL/629 FT MSL. BUSHES BEGINNING 1.8 NM FROM DER, 2005 FT RIGHT OF CENTERLINE UP TO 9 FT AGL/741 FT MSL. TREES BEGINNING 1.5 NM FROM DER, 1749 FT RIGHT OF CENTERLINE UP TO 90 FT AGL/843 FT MSL.

NOTE: RWY 28L: TERRAIN ABEAM DER, 198 FT LEFT OF CENTERLINE, UP TO 163 FT MSL. TREES BEGINNING 797 FT FROM DER, 678 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/228 FT MSL. TREE 1008 FT FROM DER, 616 FT LEFT OF CENTERLINE, 100 FT AGL/195 FT MSL. POLE 1128 FT FROM DER, 716 FT LEFT OF CENTERLINE, 54 FT AGL/195 FT MSL. TREE 1372 FT FROM DER, 755 FT LEFT OF CENTERLINE, 93 FT AGL/227 FT MSL.



**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>EFFECTIVE DATE</u>
MONTEREY	FOUR	MRY4.MRY	THREE	07/21/2016	

CONTROLLING OBSTACLES:

RWY 10L: 3482 FT MSL TOWER 364523.00N/1213009.00W.

RWY 10R: 3482 FT MSL TOWER 364523.00N/1213009.00W

RWY 28L: 853 FT MSL TREE 363554.44N/1215506.88W (CLIMB GRADIENT). 3482 FT MSL TOWER 364523.00N/1213009.00W (CLIMB-TO-ALTITUDE).

RWY 28R: 853 FT MSL TREE 363554.44N/1215506.88W (CLIMB GRADIENT). 3482 FT MSL TOWER 364523.00N/1213009.00W (CLIMB-TO-ALTITUDE).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 10 L/R 1291 FT MSL TREE 363354.55N/1214714.29W. RWY 28L/R: 4616 FT MSL AAO 362309.00N/1214715.00W.

LOST COMMUNICATIONS PROCEDURES:

IF NO TRANSMISSIONS RECEIVED FOR ONE MINUTE AFTER DEPARTURE, PROCEED ON SNS R-260 TO SNS VORTAC, THEN ON ASSIGNED FIX/ROUTE. CLIMB TO 7000.

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE 7000

REFERENCE MAG VAR: KMRY 15E EPOCH YEAR 2000

AIRPORTS SERVED:

AIRPORT NAME

MONTEREY RGNL

CITY

MONTEREY

STATE

CA

COMMUNICATIONS:

ATIS, GRND CON, CLNC DELIVERY, MONTEREY TOWER, NORCAL DEP CON



**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>EFFECTIVE DATE</u>
MONTEREY	FOUR	MRY4.MRY	THREE	07/21/2016	

FIXES AND/OR NAVAIDS:

CHART: SNS VORTAC, PXN VORTAC, BSR VORTAC, PRB VORTAC, AVE VOR/DME, OSI VOR/DME, SJC VOR/DME

REMARKS:

FLIGHT INSPECTED BY:

OFFICE SYMBOL:

DATE:

DEVELOPED BY:

DAVID A. DOWLING

Digitally signed by
DAVID A DOWLING
Jun 30, 2016

OFFICE SYMBOL:

AJV-5431

DATE:

06/27/2016

APPROVED BY:

LONNIE EVERHART

OFFICE SYMBOL:

AJV-5430

DATE:

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

NORCAL, MRY ATCT, APT MGR

CHANGES - REASONS:

CHANGED RWY 28L/R DP ROUTE DESCRIPTION FROM CLIMBING RIGHT TURN HEADING 329, THENCE...TO CLIMB HEADING 278 DEGREES UNTIL LEAVING 1100 OR AS DIRECTED BY MONTEREY TOWER. THEN CLIMBING RIGHT TURN HEADING 329 DEGREES. THENCE... - NORCAL TRACON REQUEST FOR ENVIRONMENTAL CONSIDERATION.

CHANGED TAKEOFF MINIMUMS ALL RUNWAYS, FROM STANDARD WITH MINIMUM CLIMB OF... - COINCIDE WITH DVA MINIMUMS.

RWY 10L, 449 FT PER NM TO 1800 TO STANDARD WITH MINIMUM CLIMB OF 360 FT PER NM TO 2900.

RWY 10R, 459 FT PER NM TO 1800 TO STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 2800.

RWY 28L, 218 FT PER NM TO 3300 TO STANDARD WITH MINIMUM CLIMB OF 310 FT PER NM TO 1100.

RWY 28R, 205 FT PER NM TO 3300 TO STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 1100.

CHANGED RWY 28L/R 644 FT MSL TREE CONTROLLING OBSTACLE TO 853 FT MSL TREE - ATC INITIAL DEPARTURE ROUTE CHANGE CAUSED NEW OBSTACLE PENETRATION.

TAKEOFF OBSTACLES UPDATED. - MATCH 8260-15A.

