

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
MONTEREY, CA	MONTEREY RGNL	12/10/2015	8

TAKEOFF MINIMUMS:

RWY 10L, STANDARD WITH MINIMUM CLIMB OF 449 FT PER NM TO 1800, OR 1700-21/2 FOR VCOA.
RWY 10R, STANDARD WITH MINIMUM CLIMB OF 459 FT PER NM TO 1800, OR 1700-21/2 FOR VCOA.
RWY 28L, STANDARD WITH MINIMUM CLIMB OF 218 FT PER NM TO 3300, OR 1700-21/2 FOR VCOA.
RWY 28R, STANDARD WITH MINIMUM CLIMB OF 205 FT PER NM TO 3300, OR 1700-21/2 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 10L - CLIMBING LEFT TURN HEADING 045.00 AND SNS VORTAC R-225 TO SNS VORTAC, CLIMB IN SNS HOLDING PATTERN (HOLD WEST, LT, 084.00 INBOUND) TO CROSS SNS VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.
RWY 10R - CLIMBING LEFT TURN HEADING 045.00 AND SNS VORTAC R-225 TO SNS VORTAC, CLIMB IN SNS HOLDING PATTERN (HOLD WEST, LT, 084.00 INBOUND) TO CROSS SNS VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.
RWY 28L - CLIMBING RIGHT TURN HEADING 045.00 AND SNS VORTAC R-260 TO SNS VORTAC, CLIMB IN SNS HOLDING PATTERN (HOLD WEST, LT, 084.00 INBOUND) TO CROSS SNS VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.
RWY 28R - CLIMBING RIGHT TURN HEADING 045.00 AND SNS VORTAC R-260 TO SNS VORTAC, CLIMB IN SNS HOLDING PATTERN (HOLD WEST, LT, 084.00 INBOUND) TO CROSS SNS VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

VISUAL CLIMB OVER AIRPORT:

OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS MONTEREY RGNL AT OR ABOVE 1800, THEN ON SNS VORTAC R-231 TO SNS VORTAC. CLIMB IN SNS HOLDING PATTERN (HOLD WEST, LT, 084 INBOUND) TO CROSS SNS VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

TAKEOFF OBSTACLE 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.

CONTROLLING OBSTACLES:

RWY 10L: 3482 FT MSL TOWER 364523.00N/1213009.00W
RWY 10R: 3482 FT MSL TOWER 364523.00N/1213009.00W
RWY 28L: 644 FT MSL TREE 363615.83N/1215457.20W (CLIMB GRADIENT) 3482 FT MSL TOWER 364523.00N/1213009.00W (CLIMB-TO-ALTITUDE)
RWY 28R: 3482 FT MSL TOWER 364523.00N/1213009.00W
VCOA: 1467 FT MSL TOWER 363308.47N/1414720.86W
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 10 L/R 1291 FT MSL TREE 363354.55N/1214714.29W. RWY 28L/R 853 FT MSL TREE 363554.44N/1215506.88W, RWY 28 L/R: 4616 FT MSL AAO 362309.00N/1214715.00W.



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REMARKS:

3482 FT MSL TOWER IN THE CLIMB-IN-HOLD PATTERN REQUIRES CLIMB GRADIENT TO MITIGATE THE OBSTACLE. ALL CLIMB GRADIENTS WERE CALCULATED TO ENSURE ALL DEPARTURES WOULD BE ABLE TO USE THE CLIMB-IN-HOLD PATTERN AND ENSURE ALL ROUTINGS WOULD BE ABOVE MCA/MEA.

FLIGHT INSPECTED BY:

PENDING

REQUIRED EFFECTIVE DATE:

12/10/2015

DEVELOPED BY:

VICTOR C. BOONE

AJV-354

Digitally signed by
LONNIE EVERHART 7/28/2015

Aug 28, 2015

APPROVED BY:

JILL M. OLSON

AJV-354

Digitally signed by
LONNIE EVERHART

Aug 28, 2015

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, NORCAL, MRY ATCT, AMGR

CHANGES:

1. UPDATED RWY 28L TAKEOFF OBSTACLES.

REASONS:

1. RWY 28L DEPARTURE END OF RUNWAY MOVED 265 FT EAST.

