

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

| TERMINAL ROUTES | | | | MISSED APPROACH | |
|------------------|-------------------|---------------------|----------|---|--|
| FROM | TO | COURSE AND DISTANCE | ALTITUDE | | |
| ORCUT | WINCH (FO) | 300.24 / 18.81 | 3300 | LPV: DA LNAV/VNAV: DA LNAV: RW12 | |
| MQO VORTAC (IAF) | WINCH (NOPT) (FB) | 142.01 / 11.72 | 3300 | CLIMB TO 800 THEN CLIMBING LEFT TURN TO 5000 DIRECT MQO VORTAC AND HOLD. | |
| WINCH (IF/IAF) | DEMFA (FB) | 121.26 / 8.49 | 2000 | | |
| DEMFA (FAF) | RW12 (MAP) (FO) | 121.37 / 5.43 | | ADDITIONAL FLIGHT DATA: HOLD NW, RT, 139.01 INBOUND. FAS OBST: 355 AAO 345718N/1203012W CHART R-2516. DISTANCE TO THLD FROM 200 HATH: 0.46 NM. CHART VDP AT 1.28 MILES TO RW12* *LNAV ONLY. WAAS CHANNEL # 77927 REFERENCE PATH ID: W12A LTP HAE: 30.5 M | |
| RW12 (MAP) | 800 MSL | 121.37 | 800 | | |
| 800 MSL | MQO VORTAC (FO) | | 5000 | | |

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW WINCH, LT, 121.26 INBOUND, 3300 FT. IN LIEU OF PT (IAF)
- FAC: 121.37 FAF: DEMFA DIST FAF TO MAP: 5.43 THLD: 5.43
- MIN. ALT: WINCH 3300, DEMFA 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2000 GS ALT AT: DEMFA 2000 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 55.1 34:1 IS CLEAR
- MSA FROM: RW12 6200

MAG VAR: 14E EPOCH YEAR: 1985

| MINIMUMS | | | | | | | | | | | | | | | |
|---|--------|------|---------|--------|------|---------|----------------|-------|---------|------------|------|---------|--------|-----|---------|
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | | | | | | | ALTERNATE: N A | | | STANDARD @ | | | | | |
| CATEGORY =====> | A | | | B | | | C | | | D | | | E | | |
| | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA |
| LPV DA | 417 | 2400 | 200 | 417 | 2400 | 200 | 417 | 2400 | 200 | 417 | 2400 | 200 | | | |
| LNAV/VNAV DA | 550 | 3200 | 333 | 550 | 3200 | 333 | 550 | 3200 | 333 | 550 | 3200 | 333 | | | |
| LNAV MDA | 680 | 2400 | 463 | 680 | 2400 | 463 | 680 | 5000 | 463 | 680 | 5000 | 463 | | | |
| CIRCLING | 860 | 1 | 599 | 860 | 1 | 599 | 860 | 1 1/2 | 599 | 1320 | 3 | 1059 | | | |

NOTES:
 CHART NOTE: CIRCLING TO RWY 2 NA AT NIGHT.
 CHART NOTE: BARO-VNAV NA WHEN USING VANDENBERG ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 42C (107F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 (SEE FORM 8260-10)

@ CAT D 1100-3
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.



| | | | | |
|-----------------------------------|--|------------------------------|---|--|
| CITY AND STATE SANTA MARIA, CA | ELEVATION: 261 THRE: 217 AIRPORT NAME: SANTA MARIA PUB/CAPT G ALLAN HANCOCK FLD | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, AMDT 1 3 MAY 2012 | SUP: AMDT: ORIG-A DATED 02/12/2009 |
|-----------------------------------|--|------------------------------|---|--|

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RNAV - STANDARD
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NOTES, (CONT.):

CHART NOTE: VDP NA WITH VANDENBERG ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE VANDENBERG ALTIMETER SETTING AND INCREASE ALL DA 43 FEET AND ALL MDAS 60 FEET. INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4000, AND INCREASE CIRCLING CAT C VISIBILITY TO 1 3/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 MILE.

CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 185 KIAS.

CITY AND STATE

SANTA MARIA, CA

ELEVATION: 261

THRE: 217

AIRPORT NAME:

SANTA MARIA PUB/CAPT G ALLAN HANCOCK
FLD

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 12, AMDT 1

3 MAY 2012

SUP:

AMDT: ORIG-A

DATED: 02/12/2009

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KSMX |
| RUNWAY | RW12 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W12A |
| LTP/FTP LATITUDE | 345429.7840N |
| LTP/FTP LONGITUDE | 1202751.6715W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +00305 |
| FPAP LATITUDE | 345326.2200N |
| FPAP LONGITUDE | 1202635.6300W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00055.1 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0312 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 35.0 |

CRC REMAINDER D592FC8E

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K2 |
| LTP ORTHOMETRIC HEIGHT | +00661 |
| FPAP ORTHOMETRIC HEIGHT | +00661 |

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