

**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	
SUNOL	OYOSO (TF) (FO) (RNP 2.00)	016.79 / 15.54	4000	LPV: DA LNAV/VNAV: DA LNAV: RW12
HAIRE	OYOSO (TF) (FO) (RNP 2.00)	222.01 / 8.94	3100	
ALTAM (IAF)	OYOSO (NOPT) (TF) (FB) (RNP 1.00)	065.98 / 5.25	3100	CLIMB TO 700 THEN CLIMBING LEFT TURN TO 3200 DIRECT HAIRE AND HOLD.
OYOSO (IF/IAF)	JENEG (TF) (FB) (RNP 1.00)	116.42 / 6.60	2000	
JENEG (FAF)	ZOTPI/1.88 NM TO RW12 (TF) (FB) (RNP 0.30)	116.48 / 3.71		ADDITIONAL FLIGHT DATA: HOLD NE, RT, 231.20 INBOUND. CHART FAS OBST: 264 TREE 374107N/1212718W CHART R-2531. DISTANCE TO THLD FROM 250 HAT: 0.70 NM. CHART VDP AT 0.94 NM TO RW12* *LNAV ONLY. WAAS CHANNEL # 49200 REFERENCE PATH ID: W12A CHART CIRCLING ICON. LTP HAE: 22.8 M
(SEE FORM 8260-10)				

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD NW OYOSO, LT, 116.42 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
- FAC: 116.48 FAF: JENEG DIST FAF TO MAP: 5.59 THLD: 5.59
- MIN. ALT: OYOSO 3100, JENEG 2000, ZOTPI/1.88 NM TO RW12 820\*
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT: 2000 GS ALT AT: JENEG 2000 OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 40.8 34:1 IS NOT CLEAR
- MSA FROM: RW12 5600

MAG VAR: 15E EPOCH YEAR: 2000

**MINIMUMS**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A X														
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	443	7/8	250	443	7/8	250	443	7/8	250		NA				
LNAV/VNAV DA	447	7/8	254	447	7/8	254	447	7/8	254		NA				
LNAV MDA	520	1	327	520	1	327	520	1	327		NA				
CIRCLING	580	1	387	660	1	467	660	1 1/2	467		NA				

NOTES:  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).  
 CHART NOTE: CIRCLING NA SW OF RWY 12-30.  
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING STOCKTON ALTIMETER SETTING.  
 CHART NOTE: CIRCLING RWY 30 NA AT NIGHT.  
 (CONTINUED ON PAGE 2)



CITY AND STATE TRACY, CA	ELEVATION: 193 TDZE: 193 AIRPORT NAME: TRACY MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, AMDT 2, 06/22/2017	SUP: AMDT: 1C DATED 03/31/2016
-----------------------------	---	------------------------------	---	--------------------------------------

**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, (CONT.):**

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
ZOTPI/1.88 NM TO RW12	RW12 (MAP) (TF) (FO) (RNP 0.30)	116.48 / 1.88	
RW12 (MAP)	700 MSL (CA)	116.48	700
700 MSL	HAIRE (DF) (FO) (RNP 1.00)		3200

**NOTES, (CONT.):**

CHART NOTE: RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUNOL ON T263 SOUTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ALTAM ON V334-392 SOUTHBOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STOCKTON ALTIMETER SETTING: INCREASE ALL DA TO 507 AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDA 60 FEET AND LNAV CAT C VISIBILITY 1/8 SM.



CITY AND STATE <b>TRACY, CA</b>	ELEVATION: 193 AIRPORT NAME: <b>TRACY MUNI</b>	TDZE: 193	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 12, AMDT 2, 06/22/2017</b>	SUP:
					AMDT: <b>1C</b>
					DATED: <b>03/31/2016</b>

**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.



CITY AND STATE <b>TRACY, CA</b>	ELEVATION: 193 AIRPORT NAME: <b>TRACY MUNI</b>	TDZE: 193	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 12, AMDT 2, 06/22/2017</b>	SUP:
					AMDT: <b>1C</b>
					DATED: <b>03/31/2016</b>

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR 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.

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTCY
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	374128.1200N
LTP/FTP LONGITUDE	1212645.9340W
LTP/FTP ELLIPSOIDAL HEIGHT	+00228
FPAP LATITUDE	374028.9650N
FPAP LONGITUDE	1212521.9220W
THRESHOLD CROSSING HEIGHT (TCH)	00040.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER** 4CCE8FE1

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00549
FPAP ORTHOMETRIC HEIGHT	+00549



CITY AND STATE <b>TRACY, CA</b>	ELEVATION: 193 TDZE: 193 AIRPORT NAME: <b>TRACY MUNI</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 12, AMDT 2, 06/22/2017</b>	SUP:
				AMDT: <b>1C</b>
				DATED: <b>03/31/2016</b>