

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

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**TERMINAL ROUTES**

**MISSED APPROACH**

FROM	TO	COURSE AND DISTANCE	ALTITUDE	
INISH (IAF)	YUFAP (FB)	352.06 / 3.62	2700	<b>LPV: DA</b> <b>LNAV/VNAV: DA</b> <b>LNAV: RW11L</b>
YUFAP	WEVET (FB)	033.04 / 4.65	2000	
WEVET (IF)	ZANAN (FB)	100.14 / 3.92	1300	
ZANAN (FAF)	RW11L (MAP) (FO)	114.43 / 3.17		
RW11L (MAP)	366 MSL	114.43		<b>CLIMB TO 2700 DIRECT FERRY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2700.</b>
366 MSL	FERRY (FO)		2700	

ADDITIONAL FLIGHT DATA:  
 HOLD SE, RT, 303.33 INBOUND.  
 CHART FAS OBST: 509 TREE 334748N/1182110W  
 408 AAO 335119N/1182303W  
 DISTANCE TO THLD FROM 270 HAT: 0.61 NM.  
 CHART VDP AT 1.46 NM TO RW11L\*  
 \*LNAV ONLY.  
 WAAS CHANNEL # 61125  
 REFERENCE PATH ID: W11A  
 CHART CIRCLING ICON  
 LTP HAE: -10 M

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. PROFILE STARTS AT WEVET
3. FAC: 114.43 FAF: ZANAN DIST FAF TO MAP: 3.17 THLD: 3.17
4. MIN. ALT: **WEVET 2000, ZANAN 1300**
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 1300 GS ALT AT: ZANAN 1300 OM:        MM:        IM:
7. GS ANGLE: 3.43 TCH: 59.0 34:1 IS NOT CLEAR
8. MSA FROM: **RW11L 7700**

MAG VAR: 14E EPOCH YEAR: 1970

**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	366	7/8	270	366	7/8	270	366	7/8	270						
LNAV/VNAV DA	690	1 3/4	594	690	1 3/4	594	690	1 3/4	594						
LNAV MDA	640	1	544	640	1	544	640	1 5/8	544						
CIRCLING	640	1	537	680	1	577	680	1 5/8	577						

NOTES:  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 3C (38F) OR ABOVE 54C (130F).  
 CHART NOTE: CIRCLING NA SW OF RWY 11R-29L.  
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LOS ANGELES INTL ALTIMETER SETTING.  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 (CONTINUED ON PAGE 2)

@ NA WHEN CONTROL TOWER CLOSED, EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICES.

QUALITY  
25  
CHECKED

CITY AND STATE TORRANCE, CA	ELEVATION: 103 TDZE: 96 AIRPORT NAME: ZAMPERINI FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11L, AMDT 1 15 SEPTEMBER 2016	SUP: AMDT: ORIG-A DATED 05/29/2014
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**US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**NOTES, (CONT.):**

**CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).**  
**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICE, USE LOS ANGELES INTL ALTIMETER SETTING: INCREASE LPV DA TO 390 FEET AND LNAV/VNAV DA TO 714 FEET AND ALL MDA 40 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY, LNAV CAT C VISIBILITY AND CIRCLING CAT C VISIBILITY 1/8 SM.**  
**CHART NOTE: RWY 11L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.**  
**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT INISH ON V8-V64 WESTBOUND.**



CITY AND STATE <b>TORRANCE, CA</b>	ELEVATION: 103 AIRPORT NAME: <b>ZAMPERINI FIELD</b>	TDZE: 96	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 11L, AMDT 1</b> 15 SEPTEMBER 2016	SUP:
					AMDT: <b>ORIG-A</b>
					DATED: <b>05/29/2014</b>

**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	KTOA
RUNWAY	RW11L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	334825.6870N
LTP/FTP LONGITUDE	1182039.3890W
LTP/FTP ELLIPSOIDAL HEIGHT	-00100
FPAP LATITUDE	334730.1615N
FPAP LONGITUDE	1181915.6750W
THRESHOLD CROSSING HEIGHT (TCH)	00059.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.43
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1392
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER B4E0875B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00259
FPAP ORTHOMETRIC HEIGHT	+00259

QUALITY  
25  
CHECKED

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				AMDT: <b>ORIG-A</b>
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**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
 FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KTOA

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
INISH	010	INISH	IF	FB										E A
INISH	020	YUFAP	TF	FB	1.0	352.1						AA 02700		E
INISH	030	WEVET	TF	FB	1.0	033.0						AA 02000		EE B
	010	WEVET	IF	FB								AA 02000		E I
	020	ZANAN	TF	FB	1.0	100.1				RW11L		AA 01300		E F
	030	RW11L	TF	FO	0.3	114.4		3.43				AT 00144		GY M
	040		CA	FB		114.4						AA 00366		M
	050	FERMY	DF	FO								AA 02700		EY
	060	FERMY	HM	FO		303.3			R			AA 02700		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
FERMY	N334400.29	W1181309.88
INISH	N334514.08	W1183228.76
WEVET	N335200.76	W1182756.18
YUFAP	N334850.45	W1183201.23
ZANAN	N335024.31	W1182338.41

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW11L	N334825.69	W1182039.39	00085	59



CITY AND STATE <b>TORRANCE, CA</b>	ELEVATION: <b>103</b> TDZE: <b>96</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>ZAMPERINI FIELD</b>	<b>RNAV</b>	<b>RNAV (GPS) RWY 11L, AMDT 1</b>	AMDT: <b>ORIG-A</b>
			15 SEPTEMBER 2016	DATED: <b>5/29/2014</b>