

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		LPV: DA LNAV/VNAV: DA LNAV: RW14 CLIMB TO 6500 DIRECT GEZJO AND ON TRACK 153.55 TO PXN VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6500. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 334.88 INBOUND. CHART FAS OBST: 249 TREE 370355N/1205259W. CHART 206 TREE 370440N/1205238W. DISTANCE TO THLD FROM 334 HAT: 0.96 NM. WAAS CHANNEL # 53715 REFERENCE PATH ID: W14A LTP HAE: 3.6 M									
PATYY (IAF)				FOSDI (TF) (FB) (RNP 1.00)				155.92 / 11.98				3300											
FOSDI (IF)				EGSOW (TF) (FB) (RNP 1.00)				137.16 / 10.00				1800											
EGSOW (FAF)				COGIS/1.60 NM TO RW14 (TF) (RNP 0.30)				137.22 / 3.51															
COGIS/1.60 NM TO RW14				RW14 (MAP) (TF) (FO) (RNP 0.30)				137.22 / 1.60															
RW14 (MAP)				455 MSL (CA)				137.22															
(SEE FORM 8260-10)																							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)														MAG VAR: 16E EPOCH YEAR: 1980									
2. PROFILE STARTS AT FOSDI																							
3. FAC: 137.22 FAF: EGSOW DIST FAF TO MAP: 5.11 THLD: 5.11																							
4. MIN. ALT: FOSDI 3300, EGSOW 1800, COGIS/1.60 NM TO RW14 660*																							
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																							
6. MIN GS INCPT: 1800 GS ALT AT: EGSOW 1800 OM: _____ MM: _____ IM: _____																							
7. GS ANGLE: 3.00 TCH: 30.0 34:1 IS NOT CLEAR																							
8. MSA FROM: RW14 5200																							
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	455	1 1/4	334	455	1 1/4	334	455	1 1/4	334	455	1 1/4	334											
LNAV/VNAV DA	519	1 1/2	398	519	1 1/2	398	519	1 1/2	398	519	1 1/2	398											
LNAV MDA	520	1	399	520	1	399	520	1 1/8	399	520	1 1/4	399											
CIRCLING	640	1	519	640	1	519	640	1 1/2	519	680	2	559											
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING MERCED RGNL/MACREADY FIELD ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY (CONTINUED ON PAGE 2)																							
CITY AND STATE LOS BANOS, CA				ELEVATION: 121 TDZE: 121 AIRPORT NAME: LOS BANOS MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, ORIG-B				SUP: AMDT: ORIG-A DATED 06/22/2017									

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE <div>ROUTINE</div>	
COORDINATED WITH: <div><div>ATA<div></div></div><div>AAT<div></div></div><div>ALPA<div></div></div><div>APA<div></div></div><div>AOPA<div><input checked="" type="checkbox"/></div></div><div>NBAA<div><input checked="" type="checkbox"/></div></div><div>OTHER (specify)<div><div><input checked="" type="checkbox"/></div>ZOA, NORCAL APP CON, AMGR, CA AERO</div></div></div>					
FLIGHT CHECKED BY <div><div>Digitally signed by</div><div>DONALD H LANIER</div></div>					
NAME: <div>FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO, MAY 30, 2017.</div>		Sep 26, 2017		FIFO <div>FIOG</div>	DATE: <div>03/02/2017</div>
DEVELOPED BY					
NAME: <div>COLTON CROWDER</div>		Digitally signed by <div>COLTON CROWDER</div>		FIFO <div>AJV-5431</div>	DATE: <div>08/16/2017</div>
APPROVED BY <div>Sep 19, 2017</div>					
NAME: <div>PATRICK J. MULQUEEN</div>		Digitally signed by <div>DONALD H LANIER</div> <div>MANAGER</div>		FIFO <div>AJV-5430</div>	DATE:
CHANGES: <div>Sep 26, 2017</div> <div>1. ADDED TO PLANVIEW NOTE: "...AND V113 NORTHWEST BOUND."</div>					
REASONS: <div>1. PER FPT DESIGN CHECKLIST TO PREVENT EXCESSIVE TURN ONTO COURSE AT IAF PATYY.</div> <div>PDF EDITS: ADDED TO FLIGHT INSPECTION SIGNATURE BLOCK "FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO, MAY 30, 2017."</div>					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
455 MSL	GEZJO (DF) (FB) (RNP 1.00)		
GEZJO	PXN VORTAC (TF) (FO) (RNP 1.00)	153.55 / 19.49	6500

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MERCED RGNL/MACREADY FIELD ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET, AND ALL VISIBILITY 1/4 SM.

CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: CIRCLING RWY 32 NA AT NIGHT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PATYY ON V111 NORTHBOUND, AND V113 NORTHWEST BOUND.

QUALITY
5
CHECKED

CITY AND STATE

LOS BANOS, CA

ELEVATION: 121

TDZE: 121

AIRPORT NAME:

LOS BANOS MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 14, ORIG-B

SUP:

AMDT: ORIG-A

DATED: 06/22/2017

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: ATA AAT ALPA APA AOPA NBAA OTHER (specify) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

**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	KLSN
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	370406.7505N
LTP/FTP LONGITUDE	1205222.0680W
LTP/FTP ELLIPSOIDAL HEIGHT	+00036
FPAP LATITUDE	370247.0800N
FPAP LONGITUDE	1205131.9800W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1592
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 9B3A65E8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00368
FPAP ORTHOMETRIC HEIGHT	+00368

QUALITY
5
CHECKED

CITY AND STATE LOS BANOS, CA	ELEVATION: 121 AIRPORT NAME: LOS BANOS MUNI	TDZE: 121 	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, ORIG-B	SUP:
					AMDT: ORIG-A
					DATED: 06/22/2017

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD	
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING				
RIU FSS NORCAL APP CON OAKLAND ARTCC				N W S	OTHER: AWOS-3P		SOURCE:KLSN / KMCE			
				F A A			DISTANCE: 0 / 21.58			
				A / C			HOURS REMOTE OPERATION:			
SATISFACTORY ON:										
X	V H F	X	U H F		H F	LOCATION: KLSN			ADJUSTMENT: 0	
4. MONITOR STATUS	PRIMARY NAVAID:									
	MONITOR POINT:									
	HRS	CAT 1								
	OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING		ALS								
		(S) SALS								
		MALS								
		HIRL								
	X	MIRL 14 (PCL), 32 (PCL)								
	X	REIL 14 (PCL), 32 (PCL)								
		TDZ								
		C/LINE								
	X	OTHER (SPECIFY) PAPI-2L 14 (PCL), 32 (PCL)								
6. RUNWAY MARKINGS		BASIC BSC-F 14, 32								
		ALL WEATHER								
		INSTRUMENT								
7. RUNWAY VISUAL RANGE		APPROACH								
		MIDFIELD								
		ROLL OUT								
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD:120.8				
		DISTANCE FROM RWY:				ELEV GP ANTENNA:				
						THRESHOLD CROSSING HEIGHT:30.0				
9. FINAL APPROACH COURSE AIMING		X	RUNWAY THRESHOLD					FT. FROM THRESHOLD		
		X	ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS: NONE										NO ADDITIONAL AIRSPACE REQUIRED. PRESSURE PATTERNS ARE THE SAME: RASS KLSN 121.4 FEET MSL, KMCE 155.5 FEET MSL. ALTERNATE MINIMUMS NA, PRIMARY WEATHER SOURCE NOT ON SERVICE - A. MAXIMUM 120' SURVEYED TREES ON FINAL. 120' VEGETATION APPLICATION APPLIED. TAA NOT DEVELOPED PER FPT. GPI < 954' - W SLOPE SHIFT 381.57'. LPV : SLOPE 34:1. LNAV/VNAV: SLOPE 23.4:1 ISA DEVIATION: -30 8260.54 PFAF FORMULA USED TO DETERMINE GS INTERCEPT VISUAL PORTION OF FINAL PENETRATIONS: 34:1 KLSNT0014 POLE 370418.74N/1205235.98W 180 MSL KLSNT0012 POLE 370420.07N/1205235.94W 181 MSL KLSNT0011 POLE 370421.80N/1205235.86W 180 MSL KLSNT0010 POLE 370424.75N/1205235.79W 179 MSL PARA 251 RWY 32 20:1 PENETRATION KLSNT0049 TREE 370327.94N/1205155.10W 153 MSL KLSNT0056 TREE 370326.63N/1205154.78W 155 MSL FPT NOTIFIED OF PARA 251 PENETRATIONS 05/05/2009. CLIMB-IN-HOLD EVALUATION AT PXN VORTAC RESULTS IN MIN HOLDING ALT OF 6500 MSL.
PART D - PREPARED BY: COLTON CROWDER					DATE: 08/16/2017					
TITLE: AERONAUTICAL INFORMATION SPECIALIST					OFFICE: AJV-5431					