

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29										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		ILS: DA LOC: 6.12 NM AFTER PETIS NDB/INT															
PDZ VORTAC (IAF)				SUDOC INT				006.77 / 6.72				4000		CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 6000 DIRECT PDZ VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 340 FEET PER NM TO 4000; IF UNABLE TO MEET CLIMB GRADIENT, SEE LOC Y RWY 06.															
SUDOC INT (IF)				PETIS NDB/INT				057.42 / 6.03 (I-SBD)				3300																	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	MAG VAR: 13E EPOCH YEAR: 2005												
2. PROFILE STARTS AT SUDOC																													
3. FAC: 057.42 FAF: PETIS NDB/INT DIST FAF TO MAP: 6.12 THLD: 6.12																													
4. MIN. ALT: SUDOC 4000, PETIS NDB/INT 3300																													
5. DIST TO THLD FROM OM: 6.12 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 911																													
6. MIN GS INCPT: 3300 GS ALT AT: - OM: 3118 MM: - IM: -																													
7. GS ANGLE: 3.00 TCH: 50.7																													
8. MSA FROM: SBD NDB 010-100 12700, 100-270 7000, 270-010 11300																													
MINIMUMS																													
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			ILS: STANDARD #			LOC: 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														
S-ILS 06*	1353	3/4	250	1353	3/4	250	1353	3/4	250	1353	3/4	250																	
S-LOC 06*	1740	1	637	1740	1	637	1740	1 3/4	637	1740	1 3/4	637																	
CIRCLING	1740	1	581	1740	1	581	1760	1 3/4	601	2640	3	1481																	
NOTES:																													
CHART NOTE: CIRCLING NA NW OF RWY 06-24.																													
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PDZ VORTAC AIRWAY RADIALS 012 CW 030.																													
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ONTARIO ALTIMETER SETTING AND INCREASE DA TO 1426 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDA 80 FEET AND S-LOC CATS C/D																													
AND CIRCLING CAT C VISIBILITY 1/4 SM.																													
CITY AND STATE				ELEVATION: 1159 TDZE: 1103				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:													
SAN BERNARDINO, CA				AIRPORT NAME:				I-SBD				ILS OR LOC Z RWY 6, AMDT 3				AMDT: 2B													
				SAN BERNARDINO INTL												DATED 03/12/2009													

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
A4A	ALPA	AOPA	APA	HAI	NBAA
<div><input checked="" type="checkbox"/></div>	<div><input checked="" type="checkbox"/></div>	<div><input checked="" type="checkbox"/></div>	<div><input type="checkbox"/></div>	<div><input type="checkbox"/></div>	<div><input checked="" type="checkbox"/></div>
OTHER (specify) SOCAL APP CON, LAX FPO, AIRPORT MANAGER					
FLIGHT CHECKED BY					
NAME: THIMAS E MOLOKIE				FIFO FICO	DATE: 4/24/18
DEVELOPED BY Digitally signed by					
NAME: ROBERT GRIM				FIFO AJV-5431	DATE: 10/25/2017
APPROVED BY					
NAME: PATRICK MULQUEEN				FIFO AJV-5430	DATE:
MANAGER					
CHANGES:					
<div>1. ADDED NOTE: CHART CIRCLING ICON.</div> <div>2. CHANGED MISSED APPROACH MINIMUM CLIMB GRADIENT/CLIMB TO ALTITUDE FROM 280/4300 TO 340/4000.</div> <div>3. CHANGED NOTE FROM CIRCLING NA NORTH OF RWYS 6 AND 24 TO CIRCLING NA NW OF RWY 06-24.</div> <div>4. DELETED NOTE VISIBILITY REDUCTION BY HELICOPTERS NA.</div> <div>5. S-ILS 06 DA/HAT CHANGED FROM 1589/498 TO 1353/250 ALL CATS.</div> <div>6. S-LOC 06 MDA/HAT CHANGED FROM 1640/549 TO 1740/637 ALL CATS.</div> <div>7. S-ILS 06 VISIBILITY CHANGED FROM 1 3/4 SM ALL CATS TO 3/4 SM ALL CATS.</div> <div>8. S-LOC 06 VISIBILITY CHANGED FROM 1 1/4 CAT A/B, 1 1/2 CAT C TO 1 CAT A/B, 1 3/4 CAT C.</div> <div>9. CIRCLING MDA/HAA CHANGED FROM 1640/481 CAT A-B, 1660/501 CAT C, 1820/661 CAT D TO 1740/581 CAT A, 1740/581 CAT B, 1760/601 CAT C, 2640/1481 CAT D.</div> <div>10. VISIBILITY CHANGED FROM 1 1/4 CAT A/B, 1 1/2 CAT C, 2 CAT D TO 1 CAT A/B, 1 3/4 CAT C, 3 CAT D.</div> <div>11. ALTERNATE MINIMUMS AUTHORIZED ON PROCEDURE.</div> <div>12. CHANGED MISSED APPROACH CLIMB TO ALTITUDE FROM 2700 TO 2000.</div> <div>13. CHANGED PROCEDURE TCH FROM 51.4 TO 50.7 (BOTH ROUND TO 51).</div> <div>14. (SEE FORM 8260-10)</div>					
REASONS:					
<div>1. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.</div> <div>2. PER ATC/FPT REQUEST TO OBTAIN LOWER MINIMA.</div> <div>3. IAW 8260.19H 8-6-5 M (A) AND RWY ALIGNMENT.</div> <div>4. IAW 8260.19H 8-6-11 K (3) CAT A/B 34:1 SLOPE CLEAR.</div> <div>5. ADDITION OF HIGHER MISSED APPROACH CLIMB GRADIENT AND CLIMB TO ALTITUDE.</div> <div>6. S-LOC 06 FINAL SEGMENT CONTROLLING OBSTACLE CHANGED FROM 1280 TWR TO 1444 AAO AND TO MATCH LNAV MDA.</div> <div>7. LOWER DA/HAT.</div> <div>8. HIGHER MDA/HAT</div> <div>9. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.</div> <div>10. PER FPT REQUEST AND IAW 8260.19H 8-6-11 B (1), ILS FACILITY IS MONITORED.</div> <div>11. TO AVOID HIGH TERRAIN.</div> <div>12. PER AIRNAV DATA.</div> <div>13. PER IAPA BUILD.</div> <div>14. PER 8260.19H, 8-6-8 F (3).</div>					
05/01/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/25/17.					
<div>1. DELETED ALTERNATE MISSED APPROACH AND ASSOCIATED DATA FROM PROCEDURE - PER FLIGHT CHECK.</div> <div>2. 8260-2 HOMELAND (HDF) VOR FIX USE UPDATED.</div>					



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ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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QUALITY
4
CHECKED

CITY AND STATE

SAN BERNARDINO, CA

ELEVATION: 1159

TDZE: 1103

AIRPORT NAME:

SAN BERNARDINO INTL

FACILITY
IDENTIFIER:
I-SBD

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS OR LOC Z RWY 6, AMDT 3

SUP:

AMDT: 2B

DATED: 03/12/2009

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
A4A <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>	HAI <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: CHANGES CONT. 13. FINAL COURSE CHANGE FROM 057.43 TO 057.42. 14. ADDED BACKUP ALTIMETER SOURCE AND ASSOCIATED NOTES.					
REASONS:					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: VDP NOT ESTABLISHED - FACILITY DOES NOT HAVE DME. PRECIPITOUS TERRAIN EVALUATION COMPLETED. VEGETATION HEIGHT 100' PER WESTERN FPT. VGSI DATA: 3.00/52.0 KSBD AWOS ON WMSCR KONT ASOS ON WMSCR TERRAIN TURNED OFF IN IAPA BUILD FOR FINAL AND MISSED APPROACH SEGMENTS. MAP STUDY USED TO OBTAIN 2C ACCURACY CODE. MISSED APPROACH MINIMUM CLIMB GRADIENT/CLIMB TO ALTITUDE BASED ON IPDS BUILD TO SAME RUNWAY DUE TO 8260.3C MISSED APPROACH/CLIMB TO ALTITUDE FORMULAS/CALCULATORS NOT BEING ACCURATE. PER SUPERVISORY AERO INFO SPECIALIST, QUALITY CONTROL AJV-54. PRIMARY MISSED APPROACH CLIMB GRADIENT AND CLIMB GRADIENT TERMINATION ALTITUDE CONTROLLING OBSTACLES ARE THE SAME. THE LP PROCEDURE WAS ALSO EVALUATED FOR CG/CGTA WITH 1480' HMAS TO SIMULATE THE 1484' LOC HMAS. - HIGHEST CG IS 338' PER NM ON LNAV DUE TO 200' AAO, 3306 MSL AT 335922.11N/1171451.49W. - HIGHEST CGTA IS 3994' ON LPV DUE TO 200' AAO, 3306 MSL AT 335922.11N/1171451.49W. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.31NM CAT B: 1.85NM CAT C: 2.90NM CAT D: 3.84NM SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS THE SAME KSBD 1159.3, KONT 944.0 RA = 72.44. TO MATCH LNAV MDA																			
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE															3. ALTIMETER SETTING									
ZLA ARTCC SOCAL APP CON RIVERSIDE FSS							N W S		OTHER: AWOS-3											SOURCE:KSBD/KONT									
							F A A													DISTANCE: 0/18.41									
							A / C													HOURS REMOTE OPERATION: 24/YES 24/YES									
SATISFACTORY ON:																				LOCATION: KSBD					ADJUSTMENT: 0/73				
4. MONITOR STATUS		PRIMARY NAVAID: I-SBD																											
		MONITOR POINT: KSBD ATCT																											
		HRS OPTN:		CAT 1		ATCT OPEN																							
				CAT 3		ATCT CLOSED																							
5. APPROACH & RUNWAY LIGHTING				ALS																									
				(S) SALS																									
				MALS																									
		X		HIRL 06 (PCL), 24 (PCL)																									
				MIRL																									
		X		REIL 06 (PCL), 24 (PCL)																									
				TDZ																									
				C/LINE																									
		X		OTHER (SPECIFY) PAPI-4L 06, 24																									
6. RUNWAY MARKINGS		BASIC BSC-G 24																											
		ALL WEATHER PIR-G 06																											
		INSTRUMENT																											
7. RUNWAY VISUAL RANGE		APPROACH 24																											
		MIDFIELD																											
		ROLL OUT																											
8. GLIDE PATH		GP ANGLE: 3.00							ELEV RWY THRESHOLD:1084.4																				
		DISTANCE FROM RWY: 911							ELEV GP ANTENNA: 1087.4																				
									THRESHOLD CROSSING HEIGHT:50.7																				
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD								FT. FROM THRESHOLD															
				X		ON CENTERLINE								FT. FROM CENTERLINE															
10. WAIVERS: NONE																													
PART D - PREPARED BY: ROBERT GRIM										DATE: 10/25/2017																			
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5431																			

