

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: RW09  CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT CAPUS AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD S, RT, 004.85 INBOUND. CHART FAS OBST: 332 TREE 324409N/1171408W DISTANCE TO THLD FROM 245 HAT: 0.58 NM. CHART VDP AT 1.55 NM TO RW09* *LNAV ONLY. WAAS CHANNEL # 49237 REFERENCE PATH ID: W09A CHART CIRCLING ICON. LTP HAE: -30.2 M					
SARGS (IF)		GATTO (TF) (FB) (RNP 1.00)		094.82 / 4.05				2000							
GATTO (FAF)		RW09 (MAP) (TF) (FO) (RNP 0.30)		094.93 / 5.86											
RW09 (MAP)		2000 MSL (CA)		094.93				3000							
2000 MSL		CAPUS (DF) (FO) (RNP 1.00)													
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 11E EPOCH YEAR: 2020					
2. PROFILE STARTS AT SARGS															
3. FAC: 094.93 FAF: GATTO DIST FAF TO MAP: 5.86 THLD: 5.86															
4. MIN. ALT: SARGS 2100, GATTO 2000															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 2000 GS ALT AT: GATTO 2000 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.10 TCH: 55.1 34:1 IS NOT CLEAR															
8. MSA FROM: RW09 5400															
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	262	4000	245	262	4000	245	262	4000	245	262	4000	245			
LNAV/VNAV DA	620	1 1/2	603	620	1 1/2	603	620	1 1/2	603	620	1 1/2	603			
LNAV MDA	600	4000	583	600	4000	583	600	1 1/4	583	600	1 1/4	583			
CIRCLING															
	800	1	783	820	1	803	820	2 1/4	803	940	3	923			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 6C (43F) OR ABOVE 47C (117F). @ CAT B 900-2, CAT C 900-2 1/4, CAT D 1000-3 CHART NOTE: CIRCLING NA N OF RWY 09-27. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SARGS ON V165 WEST BOUND. (CONTINUED ON PAGE 2)															
CITY AND STATE SAN DIEGO, CA		ELEVATION: 17 TDZE: 17 AIRPORT NAME: SAN DIEGO INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1A 22 JUNE 2017						SUP: AMDT: 1 DATED 08/20/2015			

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.

**NOTES, (CONT.):**

**CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.**

**CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE} TCH {FEET}).**

**CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS.**

**CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS A/B VISIBILITY TO RVR 5500.**

QUALITY  
23  
CHECKED

CITY AND STATE <b>SAN DIEGO, CA</b>	ELEVATION: 17      TDZE: 17 AIRPORT NAME: <b>SAN DIEGO INTL</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 9, AMDT 1A</b> 22 JUNE 2017	SUP:
				AMDT: 1
				DATED: 08/20/2015

**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****DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSAN
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	324410.9155N
LTP/FTP LONGITUDE	1171204.4300W
LTP/FTP ELLIPSOIDAL HEIGHT	-00302
FPAP LATITUDE	324346.3115N
FPAP LONGITUDE	1171022.8945W
THRESHOLD CROSSING HEIGHT (TCH)	00055.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

**CRC REMAINDER**

57EA7BB5

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00049
FPAP ORTHOMETRIC HEIGHT	+00049

QUALITY  
23  
CHECKED

CITY AND STATE  SAN DIEGO, CA	ELEVATION: 17 AIRPORT NAME:  SAN DIEGO INTL	TDZE: 17  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 9, AMDT 1A 22 JUNE 2017	SUP:
				AMDT: 1
				DATED: 08/20/2015