

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	LP: HIRAK LNAV: HIRAK CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT TOCOD AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.00 INBOUND. CHART FAS OBST: 1094 TREE 325223N/1165911W 1286 AAO 325507N/1170057W WAAS CHANNEL # 86928 REFERENCE PATH ID: W17A LTP HAE: 78.5 M CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 19.96 DEGREES. FAC CROSSES RWY C/L EXTENDED 3084 FROM THLD.											
ROBNN (IAF)	ASIXY (FB)	166.36 / 8.04	5000												
ASIXY (IF)	JUGAL (FB)	138.84 / 9.33	2500												
JUGAL (FAF)	TOMTY/3.18 NM TO HIRAK (FB)	146.66 / 2.89													
TOMTY/3.18 NM TO HIRAK	HIRAK (MAP) (FO)	146.66 / 3.18													
HIRAK (MAP)	1500 MSL	146.66	1500												
1500 MSL	TOCOD (FO)		3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT ASIXY 3. FAC: <u>146.66</u> FAF: <u>JUGAL</u> DIST FAF TO MAP: <u>6.07</u> THLD: <u>6.56</u> 4. MIN. ALT: <u>ASIXY 5000, JUGAL 2500, TOMTY/3.18 NM TO HIRAK 1580</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u>34:1</u> IS NOT CLEAR 8. MSA FROM: <u>HIRAK 7800</u>				MAG VAR: 13E EPOCH YEAR: 1990											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A		@										
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
LP MDA	1360	1 1/4	992	1360	1 1/2	992	1360	3	992	1360	3	992			
LNAV MDA	1380	1 1/4	1012	1380	1 1/2	1012	1380	3	1012	1380	3	1012			
CIRCLING	1440	1 1/4	1052	1440	1 1/2	1052	1440	3	1052	1440	3	1052			
NOTES: CHART NOTE: CIRCLING NA NE OF RWYS 17 AND 27R. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIRAMAR MCAS ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. (SEE FORM 8260-10)															
CITY AND STATE SAN DIEGO/EL CAJON, CA		ELEVATION: 388 THRE: 368 AIRPORT NAME: GILLESPIE FIELD		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 2A 6 FEBRUARY 2014				SUP: AMDT: 2 DATED 05/03/2012					

RNAV - STANDARD

INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROBNN ON V186 NORTHWEST BOUND AND V208-458 WESTBOUND.

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 9L, 27R AND 35 NA AT NIGHT.

CHART NOTE: CIRCLING RWY 27L NA AT NIGHT.

CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 17 PROCEDURE NA AT NIGHT.

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

CHART PROFILE NOTE: DESCENT ANGLE NA.

CITY AND STATE

SAN DIEGO/EL CAJON, CA

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THRE: 368

AIRPORT NAME:

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FACILITY
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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSEE
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
FTP LATITUDE	324945.0900N
FTP LONGITUDE	1165809.9500W
LTP/FTP ELLIPSOIDAL HEIGHT	+00785
FPAP LATITUDE	324821.3600N
FPAP LONGITUDE	1165733.2600W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER

FD252A6B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01121
FPAP ORTHOMETRIC HEIGHT	+01121



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	AIRPORT NAME: GILLESPIE FIELD			AMDT: 2
				DATED: 05/03/2012

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSEEK2FR17	AROBNN	010ROBNNK2EA0E	A	IF						18000		A JS	
SUSAP KSEEK2FR17	AROBNN	020ASIXYK2EA0EE	B	010TF		16640080		+ 05000				A JS	
SUSAP KSEEK2FR17	R	010ASIXYK2EA0E	I	IF				+ 05000		18000		A JS	
SUSAP KSEEK2FR17	R	020JUGALK2EA1E	F	051TF		13880093		+ 02500			HIRAK K2EAA	JS	
SUSAP KSEEK2FR17	R	020JUGALK2EA2WALP			N	ALNAV						JS	
SUSAP KSEEK2FR17	R	021TOMTYK2EA0E	S	031TF		14670029		+ 01580				A JS	
SUSAP KSEEK2FR17	R	030HIRAKK2EA0EY	M	031TF		14670032		01380		000		A JS	
SUSAP KSEEK2FR17	R	040		0 M CA		1467		+ 01500				A JS	
SUSAP KSEEK2FR17	R	050TOCODK2EA0EY	R	DF				+ 03000				A JS	
SUSAP KSEEK2FR17	R	060TOCODK2EA0EE	R	HM		09000040		+ 03000				A JS	

[illegible][illegible][illegible]

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ROBNN	ROBNN	010	IAF	IF		FB					
	ROBNN	ASIXY	020		TF		FB	1.0	166.4(179.4T)	008.0	AA 05000	
		ASIXY	010	FACF	IF		FB				AA 05000	
		JUGAL	020	FAF	TF		FB	0.5	138.8(151.8T)	009.3	AA 02500	
		TOMTY	021	SDF	TF		FB	0.3	146.7(159.7T)	002.9	AA 01580	
		HIRAK	030	MAP	TF		FO	0.3	146.7(159.7T)	003.2	AT 01380	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		146.7(159.7T)		AA 01500	
	TOCOD	050		DF	R	FO				AA 03000	
	TOCOD	060		HM	R	FO		090.0(103.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ASIXY	N330409.42	W1170606.18	N3304.157	W11706.103
	HIRAK	N325012.30	W1165821.88	N3250.205	W11658.365
	JUGAL	N325554.75	W1170052.21	N3255.913	W11700.870
	ROBNN	N331212.52	W1170612.58	N3312.209	W11706.210
	TOCOD	N325158.00	W1171344.00	N3251.967	W11713.733
	TOMTY	N325311.83	W1165940.46	N3253.197	W11659.674
	RW17	N324941.79	W1165820.91	N3249.697	W11658.349

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00368	00

4
CHECKED

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