

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> SAN DIEGO INTL	<u>AIRPORT ID</u> KSAN	<u>PROCEDURE NAME</u> LOC RWY 27	<u>ORIGINAL/AMENDMENT</u> 6A	<u>CITY</u> SAN DIEGO	<u>STATE</u> CA	
<u>AIRPORT ELEVATION</u> 17	<u>TDZE</u> 17	<u>SUPERSEDED</u> LOC RWY 27	<u>ORIGINAL/AMENDMENT</u> 6	<u>DATED</u> 11/10/2016	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-UBR	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
LYNDI	IAF	VYDDA INT/I-UBR 14.20 DME		TF	FB	1.00	239.77	3.00	4000
VYDDA INT/I-UBR 14.20 DME	IF	OKAIN INT/I-UBR 12.20 DME					275.00	2.00 (I-UBR)	3600
OKAIN INT/I-UBR 12.20 DME		CIJHI INT/I-UBR 8.70 DME					275.00	3.50 (I-UBR)	2700
CIJHI INT/I-UBR 8.70 DME		REEBO INT/I-UBR 6.47 DME					275.00	2.23 (I-UBR)	2000

MISSED APPROACH

MAP:

5.17 NM AFTER REEBO INT/I-UBR 6.47 DME OR AT I-UBR 1.30 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 ON HEADING 275 AND ON MZB VORTAC R-255 TO CCADE INT/MZB 12.30 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2500 ON HEADING 275 FOR RADAR VECTORS TO SARGS INT AND HOLD (RADAR REQUIRED).

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT VYDDA
3. **FAC:** 275.00 **FAF:** REEBO INT/I-UBR 6.47 DME **DIST FAF TO MAP:** 5.17 **DIST FAF TO THLD:** 5.17
4. **MIN ALT:** VYDDA INT/I-UBR 14.20 DME 4000, OKAIN INT/I-UBR 12.20 DME 3600, CIJHI INT/I-UBR 8.70 DME 2700, REEBO INT/I-UBR 6.47 DME 2000
8. **MSA FROM:** MZB VORTAC 040-160 5400, 160-310 2100, 310-040 4400

EQUIPMENT REQUIREMENTS NOTES:

PBN REQUIREMENTS NOTE: FROM LYNDI: RNAV 1-DME/DME/IRU OR GPS REQUIRED.

RNAV 1-DME/DME/IRU OR GPS REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.



CHART NOTE: CIRCLING NA N OF RWY 9-27.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO CATS A AND B.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-27 CATS C AND D VISIBILITY TO 1 7/8 SM.
CHART SPEED ICON IN PLANVIEW AT LYNDI: MAX 210 KIAS

ADDITIONAL FLIGHT DATA:

CHART MINIMUM 5000 AT LYNDI.
CHART CIRCLING ICON.
CHART: 803 TOWER 324314N/1170417W.
REEBO TO RW27: 3.50/65.
CHART: 254 TREE 324348N/1170954W
CHART: 253 TRANSMISSION LINE 324347N/1170954W
CHART: 252 TRANSMISSION LINE 324346N/1170954W
CHART: 259 BUILDING 324346N/1170952W
FAS OBST: 420 AAO 324306N/1170552W.
HOLD W, RT, 074.84 INBOUND

MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 1000-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-27	680	1	663	680	1	663	680	1 3/4	663	680	1 3/4	663			
CIRCLING	820	1	803	820	1	803	840	2 1/2	823	940	3	923			

CHANGES - REASONS

1. CHANGED HELICOPTER VISIBILITY REDUCTION NOTE FROM "..RVR 4000..." TO "..RVR 5000..." - 20:1 PENETRATIONS EXIST.
2. REMOVED VDP AND ASSOCIATED INFO - 20:1 PENETRATIONS EXIST.
3. "CHART SPEED ICON IN PLANVIEW AT LYNDI: 210 KIAS" CHANGE TO "CHART SPEED ICON IN PLANVIEW AT LYNDI: MAX 210 KIAS" - IAW 8260.19H, PARA 4-6-10.G.
4. ADDED PBN REQUIREMENTS NOTE: "FROM LYNDI: RNAV 1-DME/DME/IRU OR GPS REQUIRED" - IAW 8260.19H, PARA 8-6-8.A.(6).
5. ADDED EQUIPMENT REQUIREMENTS NOTE: "RNAV 1-DME/DME/IRU OR GPS REQUIRED FOR PROCEDURE ENTRY" - IAW 8260.19H, PARA 8-6-8.A.(6).

- 2/22/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/26/18.
1. ADDED 2 ADDITIONAL 20:1 OBSTACLES TO PENETRATIONS SECTION - AFS FOUND NEW OBSTACLES DURING WAIVER REVIEW.
 2. AMENDED S-27 CAT A AND B LOCALIZER VISIBILITY FROM RVR 4000 TO 1 SM - 20:1 PENETRATIONS EXIST, AFS RECOMMENDED 1 SM FOR ADDED MARGIN OF SAFETY.
 3. ADDED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO CATS A AND B - RECOMPUTED VISIBILITIES DUE TO 20:1 PENETRATIONS.
 4. ADDED ALL 20:1 PENETRATIONS TO ADDITIONAL FLIGHT DATA SECTION TO BE CHARTED ON IAP - AFS RECOMMENDATION.
 5. CHANGED COPTER VIS REDUCTION NOTE FROM RVR 5000 TO 1 SM - TO CORRESPOND WITH NEW CAT A AND B S-27 VISIBILITY.



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLA, SOCAL TRACON, SAN ATCT, ST AERO, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

Digitally signed by

DATE

MARK D ADAMS

Mar 12, 2019

DEVELOPED BY

COLTON CROWDER

Digitally signed by

COLTON CROWDER

OFFICE

AJV-A412

DATE

12/26/2018

APPROVED BY

LONNIE EVERHART

Digitally signed by

MARK D ADAMS

Feb 25, 2019

OFFICE

A41

DATE

TITLE

MANAGER

Mar 12, 2019

