

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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> LONG BEACH /DAUGHERTY FIELD/	<u>AIRPORT ID</u> KLGB	<u>PROCEDURE NAME</u> RNAV (RNP) Y RWY 30	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> LONG BEACH	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 60	<u>TDZE</u> 38	<u>SUPERSEDED</u> RNAV (RNP) Y RWY 30	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 11/10/2016	<u>MAG VAR</u> 14E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1980

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>
EZKEL	IAF	LUCIG		TF	FB	1.00	017.87	4.87	3000
DRTTY	IAF	LUCIG		TF	FB	1.00	301.02	6.93	3000
MIDDS	IAF	LUCIG		TF	FB	1.00	274.85	4.21	3000
LUCIG	IF	GUNEY		TF	FB	1.00	300.79	4.94	1600
GUNEY	PFAF	RW30	MAP	TF	FO	0.30	300.76	4.74	
RW30	MAP	800 MSL		CA			300.76		800
800 MSL		PADDR		DF	FO	1.00			3000

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 3000 DIRECT PADDR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT LUCIG
3. **FAC:** 300.76 **FAF:** GUNEE **DIST FAF TO MAP:** **DIST FAF TO THLD:**
4. **MIN ALT:** LUCIG 3000, GUNEE 1600
5. **DIST TO THLD FROM OM:** 4.74 **MM:** **IM:** **150 HAT:** **346 HAT:** 0.92 **GS ANT:**
6. **MIN GP INCPT:** 1600 **GP ALT AT FAF :** GUNEE 1600 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 58.4
8. **MSA FROM:** RW30 7700

PBN REQUIREMENTS NOTE:

RNP AR APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 4°C OR ABOVE 54°C.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MIDDS ON V23-165-597 SOUTHEAST BOUND
 CHART SPEED ICON IN PLANVIEW AT LUCIG: MAX 180 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 3000 AT DRTTY.
 CHART MANDATORY 4000 AT EZKEL.
 CHART MANDATORY 4000 AT MIDDS.
 HOLD SE, LT, 326.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA STANDARD - NA WHEN CONTROL TOWER CLOSED.

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
AUTHORIZATION REQUIRED																
RNP 0.30 DA	384	3000	346	384	3000	346	384	3000	346	384	3000	346				



CHANGES - REASONS

1. CHANGED INITIAL FIX FROM ALBAS TO EZKEL - ATC REQUEST.
2. INCREASED VEGETATION HEIGHT FROM 80FT TO 100FT - ATC REQUEST.
3. CHANGED CHART MANDATORY 4000 AT ALBAS TO MANDATORY 4000 AT EZKEL - ATC REQUEST.
4. REMOVED PLANVIEW NA NOTE AT ALBAS - EZKEL NOT ON AIRWAY.
5. REMOVED PLANVIEW NA NOTE AT DRTTY - NOT REQUIRED FOR RNAV PROCEDURES.

12/11/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/14/2018.

1. CHANGED DISTANCE OF EZKEL TO LUCIG FROM 6.86 TO 4.87.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZLA, SOCAL APP CON, AMGR, LGB ATCT.

FLIGHT CHECKED BY

THOMAS EDWARD MOLOKIE

Digitally signed by

ROBERT G HAMILTON

Dec 11, 2018

OFFICE

FIOG

DATE

12/09/2018

DEVELOPED BY

LONNIE EVERHART (BRANDON MAULDIN)

Digitally signed by

ROBERT G HAMILTON

Dec 11, 2018

OFFICE

AJV-5400

DATE

08/14/2018

APPROVED BY

LONNIE EVERHART

Digitally signed by

ROBERT G HAMILTON

Dec 11, 2018

OFFICE

AJV-5400

DATE

TITLE
MANAGER

