

**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) RWY 26R	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> LONG BEACH	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 60	<u>TDZE</u> 48	<u>SUPERSEDED</u> RNAV (RNP) RWY 25R	<u>ORIGINAL/AMENDMENT</u> 1	<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> 19 JULY 2018	<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>
ALBAS	IAF	LUCIG		TF	FB	1.00	017.87	6.86	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	JILAN	PFAF	TF	FB	1.00	300.81	3.48	2800
JILAN	PFAF	*CASIV		RF	FB	0.30	(2.01 NM RADIUS CW (CFVBV))	2.30	
CASIV		*BUCAS		RF	FB	0.30	(2.18 NM RADIUS CCW (CFVBW))	4.19	
BUCAS		*RW26R	MAP	TF	FO	0.30	256.22	2.00	
RW26R	MAP	800 MSL		CA			256.22		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:** * **PFAF:** JILAN **DIST PFAF TO MAP:** **DIST PFAF TO THLD:**
4. **MIN ALT:** LUCIG 3000, JILAN 2800
5. **DIST TO THLD FROM OM:** 8.49 **MM:** **IM:** **150 HAT:** **272 HAT:** 0.68
6. **MIN GP INCPT:** 2800 **GP ALT AT PFAF :** JILAN 2800, CASIV 2066, BUCAS 731 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 55.0#
8. **MSA FROM:** RW26R 7700

PBN EQUIPMENT REQUIREMENTS NOTES

RNP AR APCH.
RF REQUIRED.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 4C (40F) OR ABOVE 54C (130F).
 CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET}).
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ALBAS ON V25 SOUTHEAST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MIDDS ON V23-165-597 SOUTHEAST BOUND.
 CHART PLANVIEW NOTE AT LUCIG: MAX 180 KIAS.

ADDITIONAL FLIGHT DATA:

ROUTE TYPE: A, H
 ROUTE TYPE QUALIFIER 1: F
 ROUTE TYPE QUALIFIER 2: S
 CHART MANDATORY 3000 AT DRTTY
 CHART MANDATORY 4000 AT ALBAS
 CHART MANDATORY 4000 AT MIDDS
 CHART LOS ALAMITOS AAF (KSLI) IN PLANVIEW
 #TCH 94.2 MSL (DO NOT CHART)
 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												
AUTHORIZATION REQUIRED																
RNP 0.15 DA	320	1	272	320	1	272	320	1	272	320	1	272				
RNP 0.30 DA	415	1 1/4	367	415	1 1/4	367	415	1 1/4	367	415	1 1/4	367				



CHANGES - REASONS

1. AMENDED ALL REFERENCES TO RWY 25R TO READ RWY 26R - WESTERN FPT REQUEST. RUNWAY BEING RENUMBERED.
2. DELETED PLANVIEW NOTE AT DRTTY: RADAR REQUIRED FOR ARRIVALS AT DRTTY - NO LONGER REQUIRED.
3. DELETED CHART NOTE: RF REQUIRED - REPLACED BY PBN EQUIPMENT REQUIREMENTS NOTE.
4. DELETED CHART NOTE: GPS REQUIRED - REPLACED BY PBN EQUIPMENT REQUIREMENTS NOTE.
5. ADDED PBN EQUIPMENT REQUIREMENTS NOTE: RF REQUIRED - IN ACCORDANCE WITH AJV 8260.19H IMPLEMENTATION MEMO.
6. ADDED PBN EQUIPMENT REQUIREMENTS NOTE: RNP AR APCH - IN ACCORDANCE WITH AJV 8260.19H IMPLEMENTATION MEMO.
7. ADDED 20:1 IS CLEAR TO LINE 7 - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-7G(3).



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZLA, SOCAL APP CON, LGB ATCT, AMGR

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017.

Digitally signed by

ROBERT G HAMILTON

Apr 03, 2018

OFFICE

DATE

DEVELOPED BY

PETER R. GUIMOND

Digitally signed by
PETER R GUIMOND
Feb 07, 2018

OFFICE

AJV-5422

DATE

02/07/2018

APPROVED BY

JULIE MORGAN

Digitally signed by
ROBERT G HAMILTON
Apr 03, 2018

OFFICE

AJV-5420

DATE

TITLE
MANAGER

