

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) 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> BOB HOPE	<u>AIRPORT ID</u> KBUR	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 8	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> BURBANK	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 778	<u>TDZE</u> 727	<u>SUPERSEDED</u> RNAV (GPS) Z RWY 8	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 11/10/2016	<u>MAG VAR</u> 12E
<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> 2020

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>
MIKEI	IAF	SILEX	NOPT	TF	FB	1.00	101.84	9.78	4100
VTU VOR/DME	IAF	TOAKS	NOPT	TF	FB	1.00	056.65	14.47	4600
TOAKS		SILEX		TF	FB	1.00	078.65	8.31	4100
SILEX	IF/IAF	BUBNE		TF	FB	1.00	078.87	5.12	3000
BUBNE	FAF	HIMEN	MAP	TF	FO	0.30	078.85	5.65	
HIMEN	MAP	1178 MSL		CA			078.85		
1178 MSL		COTSI		DF	FB	1.00			
COTSI		VTU VOR/DME		TF	FO	1.00	263.33	29.41	4600

MISSED APPROACH

MAP:
LP: HIMEN
LNAV: HIMEN

MISSED APPROACH INSTRUCTIONS:
CLIMBING RIGHT TURN TO 4600 DIRECT COTSI AND ON TRACK 263.33 TO VTU VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. HOLD W SILEX, RT, 078.87 INBOUND, 4100 FT. IN LIEU OF PT (IAF), MAX 8000.
- 3. **FAC:** 078.85 **FAF:** BUBNE **DIST FAF TO MAP:** 5.65 **DIST FAF TO THLD:** 6.95
- 4. **MIN ALT:** SILEX 4100, BUBNE 3000
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- 6. **MIN GP INCPT:** **GP ALT AT FAF :** **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
- 8. **MSA FROM:** HIMEN 9500

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE (ANGLE)/TCH (FEET)).
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON VTU VOR/DME AIRWAY RADIALS 015 CW 129.
 CHART NOTE: STRAIGHT-IN RWY 8 AT NIGHT, CIRCLING TO RWY 33 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.
 CHART NOTE: CIRCLING RWY 26 NA AT NIGHT AND CIRCLING RWY 33 NA AT NIGHT FOR CAT D.
 CHART NOTE: CIRCLING NA FOR CATS A/B/C NORTHEAST OF RWY 15 AND 26.
 CHART NOTE: CIRCLING NA FOR CAT D EAST OF RWY 15-33.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LP CAT A/B VISIBILITY TO 1 1/2 SM AND LP CAT C/D VISIBILITY TO 2 1/2 SM.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT A/B VISIBILITY TO 1 1/2 SM.
 CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW RVR 5000 NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: MANDATORY 7000 AT MIKEI.
 CHART KVNY IN PLAN AND PROFILE VIEWS.
 CHART CIRCLING ICON.
 BUBNE TO RW08: 3.00/60.
 WAAS CHANNEL #53638
 REFERENCE PATH ID: W08A
 CHART FAS OBST: 901 TREE 341234N/1182750W, 900 ELECTRICAL_SYSTEM 341208N/1182323W.
 HOLD NW, LT, 130.63 INBOUND
 LTP HAE: 187.4 M

MINIMUMS:

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

ALTERNATE: NA CAT A, B 900-2, CAT C 1500-3, CAT D 1600-3

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
LP MDA	1540	6000	813	1540	6000	813	1540	1 7/8	813	1540	1 7/8	813				
LNAV MDA	1660	6000	933	1660	6000	933	1660	2	933	1660	2	933				
CIRCLING	1660	1 1/2	882	1660	1 1/2	882	2240	3	1462	2320	3	1542				



CHANGES - REASONS

1. AMENDED LNAV MDA/HAT FROM 1640/913 TO 1660/933 - NEW CONTROLLING OBSTACLE IDENTIFIED IN MISSED APPROACH SEGMENT WHEN USING MDA OF 1640. AT AN MDA OF 1660, THE OBSTACLE IS OUTSIDE THE MISSED APPROACH OIS.
2. DELETED NOTE: CIRCLING RWY 26 NA AT NIGHT - REPLACED BY UPDATED NOTE.
3. ADDED NOTE: CIRCLING RWY 26 NA AT NIGHT AND CIRCLING RWY 33 NA AT NIGHT FOR CAT D - RWY 33 CAT D NIGHT RESTRICTION ADDED PER FLIGHT INSPECTION RESULTS.
4. DELETED NOTE: DME/DME RNP-0.3 NA - REPLACED BY PBN REQUIREMENTS NOTE.
5. ADDED PBN REQUIREMENTS NOTE: RNP APCH - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-8.
6. CHANGED LNAV FAS OBST FROM 894 T-L TOWER TO 900 ELECTRICAL SYSTEM IN ADDITIONAL FLIGHT DATA - SAME OBSTACLE WITH UPDATED DATA.
7. AMENDED LTP HAE FROM 187.3 TO 187.4 IN ADDITIONAL FLIGHT DATA - MATCH CURRENT AIRNAV VALUE.
8. ADDED 20:1 IS NOT CLEAR - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-7G(3).
9. AMENDED CAT A CIRCLING CONTROLLING OBSTACLE FROM 927 MSL TREE TO 972 MSL TREE - NEW OBSTACLE SURVEY ADDED SINCE LAST AMENDMENT. NO CHANGE TO PUBLISHED CAT A CIRCLING MDA REQUIRED (OBSTACLE HEIGHT PLUS ROC REMAINS LOWER THAN HIGHER LNAV MDA).
10. FAS DATA: AMENDED LTP LAT/LONG FROM 341152.4795N/1182208.9140W TO 341152.4790N/1182208.9145W - MATCH CURRENT AIRNAV DATA.
11. FAS DATA: AMENDED LTP/FTP ELLIPSOIDAL HEIGHT FROM +01873 TO +01874 - MATCH CURRENT AIRNAV DATA.
12. FAS DATA: AMENDED CRC REMAINDER FROM C85F95BD TO 97C8DB7B - COMPUTED USING UPDATED LTP LAT/LONG AND LTP/FTP ELLIPSOIDAL HEIGHT VALUES.



COORDINATED WITH:

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

FLIGHT CHECKED BY

Digitally signed by
JACOB POWERS
Jan 08, 2019

ANTHONY D VALLERA

OFFICE

FICO

DATE

12/18/18

DEVELOPED BY

Digitally signed by
PETER R GUIMOND
Sep 13, 2018

PETER R. GUIMOND

OFFICE

AJV-5422

DATE

09/13/2018

APPROVED BY

Digitally signed by
JACOB POWERS
Jan 08, 2019

JULIE MORGAN

OFFICE

AJV-5420

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBUR
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	341152.4790N
LTP/FTP LONGITUDE	1182208.9145W
LTP/FTP ELLIPSOIDAL HEIGHT	+01874
FPAP LATITUDE	341151.0215N
FPAP LONGITUDE	1182021.5105W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	97C8DB7B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+02217
FPAP ORTHOMETRIC HEIGHT	+02217

