

**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 ID</u> KHII	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> LAKE HAVASU CITY	<u>STATE</u> AZ		
<u>AIRPORT ELEVATION</u> 783	<u>TDZE</u> 783	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 01/15/2009	<u>MAG VAR</u> 13E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 APRIL 2021	<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>
PKE VORTAC		UCAYI		TF	FB	1.00	057.90	22.91	5000
MEMPE		TASGE		TF	FB	1.00	155.31	20.50	7000
TASGE	IAF	OGSOE		TF	FB	1.00	226.81	8.00	4400
UCAYI	IAF	OGSOE		TF	FB	1.00	001.71	8.00	4400
OGSOE	IF	HODKI		TF	FB	1.00	316.73	6.11	3500
HODKI	FAF	REKVE/3.50 NM TO RW32		TF	FB	0.30	316.70	4.69	
REKVE/3.50 NM TO RW32		RW32	MAP	TF	FO	0.30	316.70	3.50	
RW32	MAP	1183 MSL		CA			316.70		
1183 MSL		JADUV		DF	FB	1.00			
JADUV		GORSY		TF	FO	1.00	306.70	20.84	6300

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6300 DIRECT JADUV AND TRACK 306.70 TO GORSY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6300.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT OGSOE					
3. FAC:	316.70	FAF: HODKI	DIST FAF TO MAP: 8.19	DIST FAF TO THLD: 8.19	
4. MIN ALT:	OGSOE 4400, HODKI 3500, REKVE/3.50 NM TO RW32 1940*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	482 HAT: 1.36	GS ANT:
6. MIN GP INCPT:	3500	GP ALT AT FAF :	HODKI 3500	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR
			TCH:	50.0	
8. MSA FROM:	RW32 8300				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA NE OF RWY 14-32.
CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PKE VORTAC ON V135 SOUTHBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

1574 AAO 342629N/1141631W
HOLD E, RT, 289.47 INBOUND.
FAS OBST: 1549 AAO 343127N/1141752W.
CHART VDP AT 2.64 NM TO RW32*
*LNAV ONLY.
WAAS CHANNEL # 49110
REFERENCE PATH ID: W32A
CHART CIRCLING ICON.
LTP HAE: 207.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 900-2, CAT C 1100-3, CAT D 1400-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LPV DA	1265	1 3/8	482	1265	1 3/8	482	1265	1 3/8	482	1265	1 3/8	482			
LNAV MDA	1660	1	877	1660	1 1/4	877	1660	2 1/2	877	1660	2 1/2	877			
CIRCLING	1660	1 1/4	877	1660	1 1/4	877	1800	3	1017	2180	3	1397			



CHANGES - REASONS

- TERMINAL ROUTES, ADDED FINAL AND MISSED APPROACH SEGMENTS - 8260.19H.
- MISSED APPROACH, REMOVED WORD "VIA" - 8260.19H.
- PROFILE VIEW, LINE 7, ADDED "20:1 IS CLEAR" - 8260.19H.
- REPLACED "DME/DME RNP-0.3 NA" NOTE WITH PBN REQUIREMENTS NOTE "RNP APCH" - 8260.19H.
- HELICOPTER NOTE, REWORDED TO NA VISIBILITY BELOW 3/4 SM - 34:1 PENETRATIONS ONLY.
- BACKUP ALTIMETER NOTES, MOVED TO FORM 8260-9 - 8260.19H.
- ADDITIONAL FLIGHT DATA, ADDED "CHART CIRCLING ICON" - NEW CIRCLING AREAS APPLIED.
- ADDITIONAL FLIGHT DATA, ADDED LTP HAE - 8260.19H.
- ADDED ALTERNATE MINIMUMS - LOCAL WEATHER NOW ON WMSCR.
- MINIMUMS, LOWERED LPV VIS FROM 1 3/4 TO 1 3/8 - USED CURRENT VISIBILITY TABLES.
- MINIMUMS, LOWERED LNAV CAT D VIS FROM 2 3/4 TO 2 1/2 - USED CURRENT VISIBILITY TABLES.
- MINIMUMS, CIRCLING CAT A, INCREASED VIS FROM 1 TO 1 1/4 - USED CURRENT VISIBILITY TABLES.
- MINIMUMS, CIRCLING CAT C, INCREASED MDA/VIS/HAA FROM 1660/2 1/2/877 TO 1800/3/1017 - NEW CIRCLING AREAS APPLIED.
- MINIMUMS, CIRCLING CAT D, INCREASED MDA/VIS/HAA FROM 1660/2 3/4/877 TO 2180/3/1397 - NEW CIRCLING AREAS APPLIED.
- CRC REMAINDER CHANGED FROM 52C2061D TO 7298B92D - LTP, LTP ELLIPSOIDAL HEIGHT AND FPAP UPDATED.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLA, LAKE HAVASU CITY

FLIGHT CHECKED BY*Digitally signed by***JASON KRETSCHMER****OFFICE****DATE**

DANIEL C FAVORITE

Oct 16, 2020

FICO

12/18/2020

DEVELOPED BY*Digitally signed by***RUSSELL ROSLEWSKI****OFFICE****DATE**

RUSSELL ROSLEWSKI

Oct 07, 2020

AJV-A421

09/09/2020

APPROVED BY*Digitally signed by***JASON KRETSCHMER****OFFICE****DATE****TITLE**
MANAGER

MARLON ROBINSON

Oct 16, 2020

AJV-A420

QUALITY
22
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHII
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	343341.9075N
LTP/FTP LONGITUDE	1142105.6235W
LTP/FTP ELLIPSOIDAL HEIGHT	+02079
FPAP LATITUDE	343458.9170N
FPAP LONGITUDE	1142200.1615W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7298B92D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+02386
FPAP ORTHOMETRIC HEIGHT	+02386