

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> KHYI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> AUSTIN	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 595	<u>TDZE</u> 589	<u>SUPERSEDED</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 06/23/2016	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-03.

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 351/30 CW 171/30	NOPT	351/10 CW 171/10		4100
2. 351/10 CW 171/10		RAJRY	IF/IAF	3000
3. 171/30 CW 351/30		RAJRY	IF/IAF	3100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RAJRY	IF/IAF	KEDCE		TF	FB	1.00	080.73	7.20	2400
KEDCE	FAF	NUHOS/3.10 NM TO RW08		TF	FB	0.30	080.80	2.42	
NUHOS/3.10 NM TO RW08		RW08	MAP	TF	FO	0.30	080.80	3.10	
RW08	MAP	839 MSL		CA			080.80		
839 MSL		QIMIB		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW08

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT QIMIB AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
45
CHECKED

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD W RAJRY, LT, 080.73 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 080.80 FAF: KEDCE DIST FAF TO MAP: 5.52 DIST FAF TO THLD: 5.52

4. MIN ALT: RAJRY 3000, KEDCE 2400, NUHOS/3.10 NM TO RW08 1620*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.61 GS ANT:

6. MIN GP INCPT: 2400 GP ALT AT FAF : KEDCE 2400 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 55.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT E SW OF RWY 13-31.

CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 

CHART NOTE: BARO-VNAV NA WHEN USING NEW BRAUNFELS ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.

CHART NOTE: VDP NA WITH NEW BRAUNFELS ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEW BRAUNFELS ALTIMETER SETTING AND INCREASE LPV DA TO 882, LNAV/VNAV DA TO 953 AND INCREASE ALL MDA 60 FEET; INCREASE LNAV CAT C/D/E AND CIRCLING CAT C/D VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.

HOLD E, LT, 260.97 INBOUND.

CHART FAS OBST: 859 ANTENNA 295339N/0975552W.

1049 AAO 295354N/0975918W.

CHART VDP AT 1.49 NM TO RW08*

*LNAV ONLY.

WAAS CHANNEL # 72932

REFERENCE PATH ID: W08A

LTP HAE: 153.1 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, CAT E 800-2 3/4, 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	839	1	250	839	1	250	839	1	250	839	1	250	839	1	250
LNAV/VNAV DA	910	1	321	910	1	321	910	1	321	910	1	321	910	1	321
LNAV MDA	1120	1	531	1120	1	531	1120	1 1/2	531	1120	1 1/2	531	1120	1 1/2	531
CIRCLING	1120	1	525	1120	1	525	1240	1 3/4	645	1320	2 1/4	725	1340	2 3/4	745

CHANGES - REASONS

- PREVIOUSLY CHARTED CHANGES FROM P-NOTAM ACTIONS FOR AMENDMENTS ORIG-B HAVE BEEN INCORPORATED ON THIS FORM.
- PROFLIE LINE 2: ADDED "MAX 6000" TO HOLD-IN-LIEU. - IAW 8260.19H 8-6-7B(2).
- PROFILE LINE 5: ADDED 250 HAT: 0.61 - IAW 8260.19H 8-6-7E(3).
- PROFILE LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19H 8-6-7G.
- REMOVED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED "RNP APCH" IN PBN REQUIREMENT NOTES - UPDATE TO CURRENT CRITERIA IAW 8260.19H 8-6-8.B.(1).
- UPDATED TEMPERATURE NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (3°F) OR ABOVE 54°C (130°F)." TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C." - IAW 8260.19H 8-6-9S.
- INCREASED LPV VISIBILITY FROM "3/4 SM" TO "1SM" - FPT/AIRPORT REQUEST.
- CHANGED CHART NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA." TO "RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - IAW 8260.19 STANDARDS.
- CHANGED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEW BRAUNFELS ALTIMETER SETTING AND INCREASE LPV DA TO 882, LNAV/VNAV DA TO 953 AND INCREASE ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 SM; AND INCREASE LNAV CAT C/D/E AND CIRCLING CAT C/D VISIBILITY 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEW BRAUNFELS ALTIMETER SETTING AND INCREASE LPV DA TO 882, LNAV/VNAV DA TO 953 AND INCREASE ALL MDA 60 FEET; INCREASE LNAV CAT C/D/E AND CIRCLING CAT C/D VISIBILITY 1/4 SM" - NEW VISCHECK CALCULATION.

12/14/20: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/30/20.

- ADDED SM TO HELICOPTER VISIBILITY REDUCTION CHART NOTE.

COORDINATED WITH:**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU, AUS APP CON, HYI ATCT, AMGR**FLIGHT CHECKED BY**PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED *Digitally signed by***OFFICE****DATE****DEVELOPED BY***Digitally signed by***DONALD H LANIER**

DONALD H. LANIER

DONALD H LANIER

Dec 14, 2020

OFFICE

AJV-A431

DATE

09/22/2020

APPROVED BY*Digitally signed by***DONALD H LANIER**

LONNIE EVERHART

Dec 14, 2020

OFFICE

AJV-A430

DATE**TITLE**
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHYI
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	295330.5035N
LTP/FTP LONGITUDE	0975237.4955W
LTP/FTP ELLIPSOIDAL HEIGHT	+01531
FPAP LATITUDE	295333.8435N
FPAP LONGITUDE	0975055.0645W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0824
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9430F787

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01792
FPAP ORTHOMETRIC HEIGHT	+01792