

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> CHILLICOTHE MUNI	<u>AIRPORT ID</u> KCHT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> CHILLICOTHE	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 783	<u>TDZE</u> 782	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 07/02/2009	<u>MAG VAR</u> 3E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 6 DECEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 230/30 CW 050/30	NOPT	TUDEE	IF/IAF	2900
2. 050/30 CW 140/30		WERLI	IAF	2900
3. 140/30 CW 230/30		140/19 CW 230/19		3000
4. 140/19 CW 230/19		REDSE	IAF	2900

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>
WERLI	IAF	TUDEE	NOPT	TF	FB	1.00	050.33	5.00	2900
REDSE	IAF	TUDEE	NOPT	TF	FB	1.00	230.45	5.00	2900
TUDEE	IF/IAF	POSNE		TF	FB	1.00	320.39	6.16	2500
POSNE	FAF	RW32	MAP	TF	FO	0.30	320.34	5.24	
RW32	MAP	1148 MSL		CA			320.34		
1148 MSL		NOLIE		DF	FO	1.00			2900

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2900 DIRECT NOLIE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SE TUDEE, RT, 320.39 INBOUND, 2900 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 320.34 FAF: POSNE DIST FAF TO MAP: 5.24 DIST FAF TO THLD: 5.24

4. MIN ALT: TUDEE 2900, POSNE 2500

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 366 HAT: 1.01 GS ANT: MM: IM:

6. MIN GP INCPT: 2500 GP ALT AT FAF : POSNE 2500 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 44.3

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 2 AND 20.
CHART NOTE: CIRCLING RWY 14 NA AT NIGHT.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING KANSAS CITY INTERNATIONAL ALTIMETER SETTING.
CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KANSAS CITY INTERNATIONAL ALTIMETER SETTING AND INCREASE LPV DA TO 1329 AND LNAV/VNAV DA TO 1335 AND ALL MDA 200 FEET, INCREASE ALL LPV VISIBILITIES 3/8 SM AND LNAV/VNAV VISIBILITIES 1/8 SM.

ADDITIONAL FLIGHT DATA:

975 AAO 394218N/0932512W
CHART VDP AT 1.06 NM TO RW32*
*LNAV ONLY
WAAS CHANNEL #70413
REFERENCE PATH ID: W32A
CHART FAS OBST: 944 TREE 394709N/0932918W.
HOLD NW, RT, 140.21 INBOUND
LTP HAE: 205.8 M

MINIMUMS:

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

ALTERNATE: NA ☒

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	1148	1 1/4	366	1148	1 1/4	366		NA			NA				
LNAV/VNAV DA	1154	1 1/2	372	1154	1 1/2	372		NA			NA				
LNAV MDA	1200	1	418	1200	1	418		NA			NA				
CIRCLING	1280	1	497	1280	1	497		NA			NA				



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
CHILLICOTHE MUNI	KCHT	RNAV (GPS) RWY 32	1A	CHILLICOTHE	MO

CHANGES - REASONS

- 1. CHANGED INTERMEDIATE RNP VALUE FROM 0.50 TO 1.00 - UPDATED TO 8260.58A CHANGE 1 TABLE 1-2-1.
- 2. ADDED "RWY 32" TO THE HELICOPTER VISIBILITY REDUCTION NA NOTE - IAW 8260.19H 8-6-11 (K(3)) MINIMUMS.
- 3. DELETED DME/DME RNP-0.3 NA - IAW 8260.19H 8-6-8 (B(1)) PBN NAVSPEC.
- 4. ADDED PBN NOTE RNP APCH - IAW 8260.19H 8-6-8 (B(1)) PBN NAVSPEC.
- 5. ADDED 20:1 CLEAR NOTE - IAW 8260.19H 8-6-7 (G(3)) FOR DOCUMENTING CLEAR SLOPES FOR RNAV PROCEDURE.
- 6. CHANGED DISTANCE 366 HAT TO TDZE FROM 1.07 TO 1.01.
- 7. ADDED CHART NOTE CIRCLING NA TO RWYS 2 AND 20 - NO SURVEY AT THESE RUNWAYS TO VALIDATE THE OIS SLOPE IS CLEAR.
- 8. ADDED CHART NOTE CIRCLING TO RWY 14 NA AT NIGHT - NEW 20:1 PENETRATIONS AT RWY 14.
- 9. UPDATED VGSI AND RNAV GLIDEPATH NOT COINCIDENT NOTE BY ADDING THE PRE-CURSOR TO THE ANGLE AND TCH VALUE FORMAT - IAW 8260.19H 8-6-9 (M(1)) DOCUMENTING NON-COINCIDENT GLIDEPATHS AND DESCENT ANGLES.
- 10. CHANGED THE BARO-VNAV NOTE TO REMOVE FAHRENHEIT VALUES - IAW 8260.19H 8-6-9 (S) BARO VNAV FORMATTING OF CHART NOTE.
- 11. CHANGED ALTERNATE ALTIMETER NOTE FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KANSAS CITY INTERNATIONAL ALTIMETER SETTING AND INCREASE ALL DA 181 FEET AND ALL MDA 200 FEET, AND INCREASE LPV ALL CATS VISIBILITY 3/4 MILE AND LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE."TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KANSAS CITY INTERNATIONAL ALTIMETER SETTING AND INCREASE LPV DA TO 1329 AND LNAV/VNAV TO 1335 AND ALL MDA 200 FEET, INCREASE ALL LPV VISIBILITIES 3/8 SM AND LNAV/VNAV VISIBILITIES 1/8 SM." - IAW8260.19H 8-6-11 (N(2)) ALTERNATE ALTIMETER NOTE FORMATTING/NEW VISIBILITIES TABLE APPLIED.
- 12. ADDED CA LEG TO MISSED APPROACH - IAW 8260.19H APPENDIX K AND L CODING REQUIREMENT .
- 13. CHANGED CRC REMAINDER FROM 8AD9002A TO C91EC7CD - LTP/FTP ELLIPSOIDAL HEIGHT CHANGED.
- 14. ADDED 7:1 OBSTACLE TO ADDITIONAL DATA - UPDATED AIRPORT SURVEY.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZKC, AMGR

FLIGHT CHECKED BY

ANTHONY D VALLERA

DEVELOPED BY

SCOTT BAGENSIE

APPROVED BY

PATRICK MULQUEEN

Digitally signed by
DAVID TEFFETELLER
Sep 10, 2018

Digitally signed by
DAVID TEFFETELLER
Aug 20, 2018

Digitally signed by
DAVID TEFFETELLER
Sep 10, 2018

OFFICE

FICO

OFFICE

AJV-5433

OFFICE

AJV-5430

DATE

9/5/18

DATE

07/16/2018

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCHT
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	394640.3015N
LTP/FTP LONGITUDE	0932929.5250W
LTP/FTP ELLIPSOIDAL HEIGHT	+02058
FPAP LATITUDE	394751.7900N
FPAP LONGITUDE	0933038.6200W
THRESHOLD CROSSING HEIGHT (TCH)	00044.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C91EC7CD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02327
FPAP ORTHOMETRIC HEIGHT	+02327

