

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> KTXK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> TEXARKANA	<u>STATE</u> AR		
<u>AIRPORT ELEVATION</u> 390	<u>TDZE</u> 388	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 12/02/2021	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
TXK VORTAC		JELGA		TF	FO	1.00	315.08	6.07	2000
GIGVE	IAF	JELGA	NOPT	TF	FB	1.00	039.85	6.21	2000
CUGSO	IAF	JELGA	NOPT	TF	FB	1.00	219.93	4.55	2000
JELGA	IF/IAF	TIYGO		TF	FB	1.00	129.90	6.32	2000
TIYGO	FAF	RW13	MAP	TF	FO	0.30	129.95	4.96	
RW13	MAP	648 MSL		CA			129.95		
648 MSL		WATLE		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT WATLE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NW JELGA, RT, 129.90 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	129.95	FAF: TIYGO	DIST FAF TO MAP: 4.96	DIST FAF TO THLD: 4.96	
4. MIN ALT:	JELGA 2000, TIYGO 2000				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	260 HAT: 0.71	GS ANT:
6. MIN GP INCPT:	2000	GP ALT AT PFAF : TIYGO 2000	OM:	MM:	IM:
7. GP ANGLE:	3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 54.0	
8. MSA FROM:	RW13 2000				

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING DE QUEEN ALTIMETER SETTING.
CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TXK VORTAC ON V13 SOUTHBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DE QUEEN ALTIMETER SETTING AND INCREASE LPV DA TO 748 FEET AND ALL CATS VISIBILITY 1/4 SM, LNAV/VNAV DA TO 868 FEET ALL CATS VISIBILITY 3/8 SM, AND ALL MDAS 100 FEET AND LNAV AND CIRCLING CATS C/D VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 310.08 INBOUND.
CHART FAS OBST: 513 ANTENNA (05-103442) 332823N/0940057W.
CHART VDP AT 1.15 NM TO RW13.
WAAS CHANNEL # 87099
REFERENCE PATH ID: W13A
LTP HAE: 84.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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	648	3/4	260	648	3/4	260	648	3/4	260	648	3/4	260			
LNAV/VNAV DA	768	1	380	768	1	380	768	1	380	768	1	380			
LNAV MDA	780	1	392	780	1	392	780	1 1/8	392	780	1 1/8	392			
CIRCLING	820	1	430	900	1	510	1000	1 3/4	610	1080	2 1/4	690			



CHANGES - REASONS

1. CHANGED PBN REQUIREMENTS NOTE FROM 'RNP APCH' TO 'RNP APCH-GPS' - PER 8260.19I PARA. 8-6-8B(2).
2. ADDED PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - PAPI-4L TCH ADJUSTED FROM 54.0 TO 47.8 FT AND PER 8260.19I PARA. 8-6-9M(1).
3. REMOVED PROFILE NOTE: *LNAV ONLY - NO LONGER REQUIRED.
4. REMOVED ASTERISK FROM ADDITIONAL FLIGHT DATA: CHART VDP AT 1.08 NM TO RW13 - RESULT OF *LNAV ONLY' REMOVAL.
5. REPLACED 'VIA' WITH 'ON' IN PLANVIEW NOTE - PER 8260-19I PARA. 8-2-5E(2).
6. CHANGED FAS OBST FROM 505 TOWER (04-1524) 332916N/0940248W TO 513 ANTENNA (05-103442) 332823N/0940057W - NEW CONTROLLING OBSTRUCTION IN LNAV FINAL SEGMENT.
7. LPV DA RAISED FROM 647 TO 648 - TOUCHDOWN ZONE ELEVATION RAISED FROM 387 TO 388.
8. LNAV/VNAV DA RAISED FROM 767 TO 768 - TOUCHDOWN ZONE ELEVATION RAISED FROM 387 TO 388.
9. RAISED LNAV MDA/HAT FROM 760/373 TO 780/392 - NEW CONTROLLING OBSTRUCTION 513 ANTENNA (05-103442).
10. MOVED VDP FROM 1.08 TO RW13 TO 1.15 NM TO RW13 - RESULT OF MDA/HAT INCREASE AND PAPI-4L TCH CHANGE FROM 54.0 FT TO 47.8 FT.
11. CHANGED NOTE FROM 'WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DE QUEEN ALTIMETER SETTING AND INCREASE ALL DA/MDA 100 FEET; INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C/D VISIBILITY 3/8 SM, AND CIRCLING CAT C/D VISIBILITY 1/4 SM' TO 'WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DE QUEEN ALTIMETER SETTING AND INCREASE LPV DA TO 748 FEET AND ALL CATS VISIBILITY 1/4 SM, LNAV/VNAV DA TO 868 FEET ALL CATS VISIBILITY 3/8 SM, AND ALL MDAS 100 FEET AND LNAV AND CIRCLING CATS C/D VISIBILITY 1/4 SM' - FORMAT PER 8260.3E PARA. 8-6-11N(1)(A)3 AND DUE TO LNAV CAT C/D VISIBILITY INCREASE.
12. CHANGED DISTANCE TO THLD FROM 260 HAT FROM 0.73 NM TO 0.71 NM - RESULT OF 1 FOOT INCREASE TO DA.
13. CHANGED DISTANCE FAF TO MAP/THLD FROM 4.90 NM TO 4.96 NM - TARGETS DETERMINED LOCATION BASED ON UPDATED CRITERIA.
14. REDUCED LPV ALL CATS VISIBILITY FROM 1 SM TO 3/4 SM - PER 8260.3E TABLE 3-3-1.
15. REDUCED LNAV/VNAV ALL CATS VISIBILITY FROM 1 1/2 SM TO 1 SM - PER 8260.3E TABLE 3-3-1.
16. INCREASED LNAV CAT C/D VISIBILITY FROM 1 SM TO 1 1/8 SM - RESULT OF MDA/HAT INCREASE AND PER 8260.3E TABLE 3-3-1.
17. REDUCED CIRCLING CAT A/B VISIBILITY FROM 1 1/2 SM TO 1 SM - PER 8260.3E TABLE 3-3-7.
18. FAS DATA: LTP/FTP COORDINATES CHANGED FROM 332731.8625N/0935931.8155W TO 332731.8655N/0935931.8190W AND LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +00834 TO +00846 - NEW 3RD PARTY SURVEY DATED 8/14/2020.
19. FAS DATA: CRC REMAINDER CHANGED FROM 4859D8CC TO 84A86E23 - RESULT OF LTP/FTP RELOCATION AND HEIGHT CHANGE.
20. FAS DATA: LTP AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM +01103 TO +01115 - DUE TO CHANGE IN LTP ELEVATION.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: TXK ATCT, ZFW, AMGR, ST. AVIATION DIR.

FLIGHT CHECKED BY

JOEL F HAWKLEY

Digitally signed by

RAKE MCGRAW

May 08, 2023

OFFICE

FPO

DATE

05/03/2023

DEVELOPED BY

RALPH DUMAR

Digitally signed by

RALPH DUMAR

Apr 04, 2023

OFFICE

AJV-A422

DATE

03/02/2023

APPROVED BY

MARLON ROBINSON

Digitally signed by

RAKE MCGRAW

May 08, 2023

OFFICE

AJV-A420

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTXK
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	332731.8655N
LTP/FTP LONGITUDE	0935931.8190W
LTP/FTP ELLIPSOIDAL HEIGHT	+00846
FPAP LATITUDE	332628.7500N
FPAP LONGITUDE	0935816.5200W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1360
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	84A86E23

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01115
FPAP ORTHOMETRIC HEIGHT	+01115



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KTXK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>AMDT NO.</u> ORIG-D	<u>CITY</u> TEXARKANA	<u>STATE</u> AR	<u>AIRPORT ELEVATION</u> 390	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM TXK VORTAC TO JELGA

<u>RNP</u>	<u>DISTANCE</u> 6.07	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (04-0704)	333610.00N/0940438.00W		673	100	20	3C	1000				AT327	2000
2.TERRAIN	332921.00N/0940818.00W		379 (400)								AS1500	1900

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM GIGVE TO JELGA

<u>RNP</u>	<u>DISTANCE</u> 6.21	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (44-B922)	333024.00N/0941226.00W		917	250	50	4D	1000				AT83	2000
4.TERRAIN	332851.00N/0941051.00W		378 (400)								AS1500	1900

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM
CUGSO

TO
JELGA

RNP	DISTANCE 4.55	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.TOWER (04-1485)	334001.00N/0940733.00W		700	50	20	2C	1000				AT300	2000
6.TERRAIN	334021.00N/0940936.00W		352 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
JELGA (IF/IAF)

TO
TIYGO

RNP	DISTANCE 6.32	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
1.TOWER (04-0704)	333610.00N/0940438.00W		673	50	20	2C	500				AT827	2000
7.TERRAIN	333036.00N/0940542.00W		352 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

TIYGO

TO

RW13

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.96		DA		260							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8.TREE (05-027045)	332746.74N/0935943.74W		427	20	3	1A		34.00:1				648

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

TIYGO

TO

RW13

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.96		DA		380							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.TANK (05-000905)	332731.00N/0940011.00W		497	20	10	1B	161				AC10 XP100	768

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

XP: TO MATCH PUBLISHED DA/HAT



FINAL: LNAV

FROM

TIYGO

TO

RW13

<u>RNP</u>	<u>DISTANCE</u> 4.96	<u>PAT</u>	<u>MAP</u> RW13	<u>HAT</u> 392			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
10.ANTENNA (05-103442)	332822.55N/0940056.64W		513	20	3	1A	250					780

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

JELGA

TO

P-4

RNP	DISTANCE	PAT P-4	MAP	HAT			HMAS				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.TOWER (05-001121)	333818.87N/0941216.72W	739	50	20	2C	1000				AT261	2000
12.TERRAIN	334203.00N/0941800.00W	384 (400)								AS1500	1900

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LPV

FROM

DA

TO

WATLE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
445												
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2000
13.TOWER (05-000515)	332332.00N/0935129.00W		881	250	50	4D	1000					1900
14.TERRAIN	332512.00N/0935812.00W		486 (500)								AS1500	2000

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

WATLE

RNP	DISTANCE	PAT	MAP	HAT			HMAS 607					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2000
13.TOWER (05-000515)	332332.00N/0935129.00W		881	250	50	4D	1000					1900
14.TERRAIN	332512.00N/0935812.00W		486 (500)								AS1500	2000

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM

RW13

TO

WATLE

RNP	DISTANCE	PAT	MAP	HAT			HMAS 680					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2000
13.TOWER (05-000515)	332332.00N/0935129.00W		881	250	50	4D	1000					1900
14.TERRAIN	332512.00N/0935812.00W		486 (500)								AS1500	2000

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
15.TOWER (05-102028)	332546.72N/0940042.47W	1.30	430	516	20	3	1A	300			820
CATEGORY B											
16.TREE	332526.47N/0935800.22W	1.82	510	589	50	20	2C	300			900
CATEGORY C											
17.TOWER (05-001476)	332435.90N/0935956.90W	2.86	610	689	50	20	2C	300			1000
CATEGORY D											
18.TOWER (48-001082)	332653.00N/0940401.00W	3.73	690	711	20	50	1D	300		AC50	1080

CIRCLING REMARKS:



MSA

CENTER

RW13

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (44-C624)	331149.00N/0942829.00W	232	28.9	939	250	50	4D	1000			2000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT REQUIRED PER ATC REQUEST.
VEGETATION HEIGHT 100 FT PER FPT.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
TXK TOWER, ZFW ARTCC

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KTXK	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KTXK	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KDEQ	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KDEQ	<u>DISTANCE</u> 41.04	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 100

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KTXK 390, KDEQ 355
RA = 99.25.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW13 - MIRL (PCL), PAPI-4L		NPI-G	
RW31 - MIRL (PCL), PAPI-4L		NPI-G	
RW04 - HIRL (PCL), VASI-4L		PIR-G	
RW22 - MALSR (PCL), HIRL (PCL)		PIR-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 365.9	<u>TCH</u> 54.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 47.8
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	641
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -15C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -15C	<u>APT ISA</u> +14.23C
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CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 960 HIGH TEMP 1266.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LPV, LNAV/VNAV, LNAV
34:1	
427 TREE (05-027045) 332746.7400N/0935943.7400W (14.7126)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<div>AIRPORT ID KTXK</div>	<div>PROCEDURE NAME RNAV (GPS) RWY 13</div>	<div>AMDT NO. ORIG-D</div>	<div>CITY TEXARKANA</div>	<div>STATE AR</div>	<div>AIRPORT ELEVATION 390</div>	<div>FACILITY RNAV</div>
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.09
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.69
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	134.95
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	400
DISTANCE FROM	THLD	TO 1500FT POINT	4.70
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.00
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	134.95
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	400

THRESHOLD
COORDINATES
(IF STR-IN)

332731.87N/0935931.82W

ARP COORDINATES

332713.38N/0935927.71W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 4 DISTANCE 0.68 NM

FAF
COORDINATES

333102.65N/0940343.66W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.
THLD DISPLACED 641FT, ACTUAL COORDINATES: 332736.35N/0935937.17W.

QUALITY
10
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> RALPH DUMAR	<u>OFFICE</u> AJV-A422	<u>DATE</u> 03/02/2023	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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