

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> KMKN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> COMANCHE	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 1387	<u>TDZE</u> 1384	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 263/30 CW 083/30	NOPT	ZALIR	IF/IAF	4000
2. 083/30 CW 263/30		ZALIR	IF/IAF	4000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZALIR	IF/IAF	WOKIT		TF	FB	1.00	352.67	5.00	3400
WOKIT	FAF	HOLEV/2.10 NM TO RW35		TF	FB	0.30	352.67	2.56	
HOLEV/2.10 NM TO RW35		RW35	MAP	TF	FO	0.30	352.67	2.10	
RW35	MAP	1787 MSL		CA			352.67		
1787 MSL		CIRAR		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LP: RW35
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT CIRAR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S ZALIR, RT, 352.67 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 352.67FAF: WOKITDIST FAF TO MAP: 4.66DIST FAF TO THLD: 4.66

4. MIN ALT: ZALIR 4000, WOKIT 3400, HOLEV/2.10 NM TO RW35 2300

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 CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: RWY 35 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BROWNWOOD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
HOLD N, RT, 172.67 INBOUND.
CHART FAS OBST: 1536 TOWER 315339N/0983543W.
CHART BROWNWOOD 1 AND 2 EAST MOA.
CHART BROWNWOOD 1 AND 2 WEST MOA.
WAAS CHANNEL # 61136
REFERENCE PATH ID: W35A
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
LTP HAE: 392 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
LP MDA	1840	1	456	1840	1	456		NA			NA				
LNAV MDA	1840	1	456	1840	1	456		NA			NA				
CIRCLING	2100	1	713	2100	1	713		NA			NA				

CHANGES - REASONS

1. TDZE CHANGED FROM 1374 TO 1384. - NEW AIRPORT DATA.
2. MINIMUM ALTITUDE CHANGED FROM 2900 TO 3400 IN TERMINAL ROUTES "ZALIR"/"WORKIT" IF/IAF AND LINE 4 WOKIT MIN ALT. - RAISED FAF ALT AND DESIGN VDA TO BE COINCIDENTAL WITH VGSI VALUES.
3. RAISED HOLEV MIN ALT FROM 2080 TO 2300. - KEEP STEPDOWN FIX ON RAISED VDA DESIGN.
4. ADDED 20:1 IS NOT CLEAR TO LINE 7. - VISUAL PENETRATIONS EXIST.
5. CHANGED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA" TO "RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA". - IAW 8260.19H 8-6-11 K. (3).
6. REMOVED CHART NOTE: DME/DME RNP-0.3 NA. AND ADDED RNP APCH TO PBN REQUIREMENTS NOTE. - IAW 8260.19H 8-6-8 B (1).
7. RAISED LP MINS FROM 1720/346 TO 1840/456 AND LNAV MINS FROM 1800/426 TO 1840/456. - NEW EVAL COMPLETED YIELDING NEW CONTROLLING OBSTACLE.
8. CRC REMAINDER CHANGED FROM E2AB4270 TO A9D24671. - NEW EVAL COMPLETED AND FPAP LONGITUDE CHANGED FROM 0983558.9510W TO 0983558.9550W, LENGTH OFFSET CHANGED FROM 1384 TO 1376.
9. ALL CHANGES FROM AMENDMENTS ORIG-A HAVE BEEN INCORPORATED INTO THIS PROCEDURE. - 8260.19H 8-3-4-C(1).

COORDINATED WITH:

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

FLIGHT CHECKED BY

MATTHEW R BUFORD

Digitally signed by

JOHN BORDY

Jun 24, 2021

OFFICE

FICO

DATE

06/22/2021

DEVELOPED BY

JOHN BORDY (ANDRE TUCKER)

Digitally signed by

JOHN BORDY

Jun 24, 2021

OFFICE

AJV-A422

DATE

05/27/2020

APPROVED BY

MARLON ROBINSON

Digitally signed by

JOHN BORDY

Jun 24, 2021

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	KMKN
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	315450.8575N
LTP/FTP LONGITUDE	0983556.5205W
LTP/FTP ELLIPSOIDAL HEIGHT	+03920
FPAP LATITUDE	315620.1215N
FPAP LONGITUDE	0983558.9550W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	A9D24671

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+04187
FPAP ORTHOMETRIC HEIGHT	+04187

