

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SUPERSEDED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>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TAA**

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

**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>
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



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

<u>AIRPORT ID</u> KMKN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> ORIG-B	<u>CITY</u> COMANCHE	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 1387	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM  
263/30 CW 083/30

TO  
ZALIR

<u>RNP</u>	<u>DISTANCE</u>	<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.WINDMILL (48-132934)	314233.29N/0983645.58W		2285	250	50	4D	1000				AT715	4000
2.TERRAIN	314445.00N/0984048.00W		1854 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM  
083/30 CW 263/30

TO  
ZALIR

<u>RNP</u>	<u>DISTANCE</u>	<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 (48-031526)	315723.59N/0985223.16W		2323	20	3	1A	1000				AT677	4000
4.TERRAIN	315703.00N/0985233.00W		1976 (2000)								AS1500	3500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM  
ZALIR (IF/IAF)

TO  
WOKIT

RNP	DISTANCE 5.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	314409.00N/0983724.00W		1989	164	98	4E	500				AT813 AC98	3400
6.TERRAIN	314739.00N/0983754.00W		1644 (1600)								AS1500	3100

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: LP

FROM  
WOKIT

TO  
HOLEV/2.10 NM TO RW35

RNP	DISTANCE 2.56	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.AAO	315117.01N/0983515.82W		1730	50	20	2C	250				RA60 DG260	2300

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: LP STEPDOWN

FROM  
HOLEV/2.10 NM TO RW35

TO  
RW35

<u>RNP</u>	<u>DISTANCE</u> 2.10	<u>PAT</u>	<u>MAP</u> RW35	<u>HAT</u> 456			<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>
8.TOWER (48-131519)	315339.30N/0983543.26W		1536	250	50	4D	250				AC50	1840

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM  
WOKIT

TO  
HOLEV/2.10 NM TO RW35

<u>RNP</u>	<u>DISTANCE</u> 2.56	<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>
9.AAO	315118.00N/0983513.40W		1740	50	20	2C	250				RA60 DG250	2300

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

HOLEV/2.10 NM TO RW35

TO

RW35

<u>RNP</u>	<u>DISTANCE</u> 2.10	<u>PAT</u>	<u>MAP</u> RW35	<u>HAT</u> 456			<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>
8.TOWER (48-131519)	315339.30N/0983543.26W		1536	250	50	4D	250				AC50	1840

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

ZALIR

TO

P-5

RNP	DISTANCE	PAT P-5	MAP	HAT			HMAS				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
1.WINDMILL (48-132934)	314233.29N/0983645.58W	2285	250	50	4D	1000				AT715	4000
10.TERRAIN	314357.00N/0983812.00W	1808 (1800)								AS1500	3300

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 : LP

FROM

RW35

TO

CIRAR

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1740					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
11.AAO	320709.00N/0983409.00W		1582	164	98	4E	1000					2600
12.TERRAIN	315515.00N/0983648.00W		1473 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM

RW35

TO

CIRAR

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1740					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
11.AAO	320709.00N/0983409.00W		1582	164	98	4E	1000					2600
12.TERRAIN	315515.00N/0983648.00W		1473 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

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											
13.ANTENNA (48-119030)	315435.76N/0983710.10W	1.31	713	1793	20	3	1A	300			2100
CATEGORY B											
13.ANTENNA (48-119030)	315435.76N/0983710.10W	1.85	713	1793	20	3	1A	300			2100

CIRCLING REMARKS:

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZFW ARTCC, FTW FSS

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KMKN	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KMKN	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3	<u>LOCATION</u> KBWD	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KBWD	<u>DISTANCE</u> 19.772	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 46

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
KMKN 1387, KBWD 1387  
RA = 45.3.

<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>
RW17 - MIRL (PCL), PAPI-2L		NPI-G	
RW35 - MIRL (PCL), PAPI-2L		NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 4.00	<u>TCH</u> 41.6
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FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LP AND LNAV		
20:1			
1430 TREE (48-048961) 315440.14N/0983552.88W (11.7)		1428 TREE (48-048960) 315440.08N/0983553.15W (9.42)	
1427 TREE (48-121067) 315439.89N/0983553.94W (7.54)		1416 TREE (48-047994) 315441.23N/0983555.71W (3.49)	



AIRPORT ID KMKN		PROCEDURE NAME RNAV (GPS) RWY 35	AMDT NO. ORIG-B	CITY COMANCHE	STATE TX	AIRPORT ELEVATION 1387	FACILITY RNAV
1412 TREE (48-075744) 315441.47N/0983553.98W (0.53)				1420 TREE (48-070042) 315439.82N/0983554.69W (0.26)			
Final Type	LP AND LNAV						
34:1							
1436 TREE (48-049389) 315436.46N/0983558.09W (25.39)				1411 TREE (48-047993) 315441.13N/0983557.25W (14.22)			
1409 TREE (48-048043) 315441.64N/0983556.72W (13.7)				1426 TREE (48-118247) 315435.85N/0983558.04W (13.58)			
1422 TREE (48-118252) 315437.12N/0983559.40W (13.43)				1416 TREE (48-121068) 315438.78N/0983554.50W (12.08)			
1429 TREE (48-118465) 315434.18N/0983600.38W (11.75)				1403 TREE (48-121069) 315442.92N/0983555.62W (11.44)			
1413 TREE (48-118250) 315439.31N/0983559.37W (10.94)				1417 TREE (48-049199) 315437.95N/0983555.24W (10.65)			
1415 TREE (48-049250) 315438.51N/0983558.98W (10.54)				1406 TREE (48-069922) 315441.40N/0983559.68W (10.17)			
1407 TREE (48-047992) 315441.12N/0983556.62W (10.15)				1412 TREE (48-048952) 315439.34N/0983555.91W (9.82)			
1404 BUILDING (48-048045) 315441.91N/0983559.04W (9.64)				1426 TREE (48-049357) 315434.44N/0983555.45W (9.24)			
1403 TREE (48-051688) 315442.17N/0983555.84W (9.23)				1416 POLE (48-049198) 315437.52N/0983555.51W (8.39)			
1413 TREE (48-051855) 315438.39N/0983559.36W (8.2)				1446 TREE (48-048192) 315427.26N/0983559.06W (8.11)			
1400 TREE (48-048048) 315442.74N/0983555.85W (7.92)				1404 TREE (48-047995) 315441.29N/0983558.01W (7.74)			
1404 TREE (48-051687) 315441.28N/0983558.34W (7.73)				1448 TREE (48-069661) 315426.42N/0983559.27W (7.63)			
1399 TREE (48-048049) 315442.98N/0983555.08W (7.59)				1421 POLE (48-051949) 315435.50N/0983558.21W (7.55)			
1459 TREE (48-048166) 315422.73N/0983556.48W (7.5)				1444 TREE (48-075765) 315427.73N/0983557.69W (7.43)			
1431 TREE (48-049516) 315431.92N/0983559.09W (6.96)				1420 TREE (48-051948) 315435.52N/0983556.32W (6.5)			
1407 POLE (48-048959) 315439.94N/0983552.36W (6.4)				1466 TREE (48-048775) 315419.97N/0983550.37W (5.94)			
1442 TREE (48-118462) 315427.63N/0983559.38W (5.23)				1423 POLE (48-049354) 315433.97N/0983600.21W (5.12)			
1407 TREE (48-048954) 315439.49N/0983553.23W (5.11)				1411 TREE (48-049201) 315438.04N/0983556.47W (4.99)			
1407 TREE (48-051856) 315439.43N/0983553.97W (4.98)				1446 TREE (48-048199) 315426.19N/0983557.23W (4.83)			
1450 TREE (48-072246) 315424.68N/0983600.43W (4.53)				1431 TREE (48-118461) 315431.05N/0983559.56W (4.41)			
1399 TREE (48-048044) 315441.92N/0983554.06W (4.38)				1409 POLE (48-075831) 315438.55N/0983554.22W (4.38)			
1419 POLE (48-069891) 315434.96N/0983558.92W (3.99)				1443 TREE (48-052600) 315426.90N/0983556.52W (3.89)			
1400 TREE (48-051686) 315441.26N/0983559.28W (3.73)				1409 TREE (48-072635) 315438.22N/0983554.87W (3.43)			
1436 TREE (48-049205) 315428.96N/0983557.31W (3.06)				1438 TREE (48-069940) 315428.28N/0983556.72W (3.01)			
1407 POLE (48-049251) 315438.73N/0983553.97W (2.9)				1464 TREE (48-048777) 315419.58N/0983551.01W (2.82)			
1402 TREE (48-048962) 315440.28N/0983556.00W (2.62)				1393 TRAVERSE_WAY (48-048052) 315443.24N/0983559.34W (2.61)			

QUALITY  
25  
CHECKED



AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KMKN	RNAV (GPS) RWY 35	ORIG-B	COMANCHE	TX	1387	RNAV
1412 POLE (48-070040)	315436.93N/0983554.69W (2.59)		1448 TREE (48-052603)	315424.69N/0983559.90W (2.53)		
1400 TREE (48-047989)	315440.73N/0983555.87W (1.95)		1395 TREE (48-048047)	315442.28N/0983554.02W (1.45)		
1461 TREE (48-048773)	315420.07N/0983551.68W (1.32)		1425 TREE (48-051863)	315431.89N/0983559.43W (0.89)		
1412 POLE (48-118243)	315436.28N/0983557.16W (0.8)		1392 TREE (48-048050)	315442.99N/0983556.51W (0.7)		
1436 TREE (48-049206)	315428.21N/0983554.94W (0.69)		1411 TREE (48-049390)	315436.61N/0983551.87W (0.47)		
1416 TREE (48-051865)	315434.81N/0983556.64W (0.41)		1433 TREE (48-118253)	315428.98N/0983558.69W (0.2)		
1438 TREE (48-075696)	315427.36N/0983553.91W (0.11)					

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

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

PENETRATIONS REMARKS:

**PART C: GENERAL REMARKS:**

VDP NOT ESTABLISHED - OBSTACLES PENETRATE VDP SURFACE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

50' VEGETATION USED PER FPT CHECKLIST.

LPV AND LNAV/VNAV NOT DEVELOPED DUE TO VGS PENETRATION.

FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA: VDA REMOVED.  
 COMPUTED PROCEDURE VDA/TCH 4.01/41.6, REMOVED PER FLIGHT INSPECTION.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> KMKN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> ORIG-B	<u>CITY</u> COMANCHE	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 1387	<u>FACILITY</u> RNAV
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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	1.67
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	358.67
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1500
DISTANCE FROM	THLD	TO 1500FT POINT	3.87
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.39
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	358.67
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1500

THRESHOLD  
COORDINATES  
(IF STR-IN)

315450.86N/0983556.52W

ARP COORDINATES

315513.10N/0983557.10W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 17 DISTANCE 0.37 NM

FAF  
COORDINATES

315010.64N/0983548.90W

FIX NAME  
COORDINATES

IF/IAF ZALIR: 314510.08N/0983540.74W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.  
APPROACH/DRAWING ATTACHED 30 NM TAA. ZALIR (IF/IAF).

QUALITY  
25  
CHECKED

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

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> JOHN BORDY (ANDRE TUCKER)	<u>OFFICE</u> AJV-A422	<u>DATE</u> 05/27/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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