

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> HOUSTON COUNTY	<u>AIRPORT ID</u> KDKR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CROCKETT	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 348	<u>TDZE</u> 348	<u>SUPERSEDED</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 12/11/2014	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<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>
LOA VORTAC		ARTEE		TF	FB	1.00	040.20	35.77	4000
LFK VORTAC		CUNHM		TF	FB	1.00	299.78	30.82	4000
ARTEE	IAF	BRWER		TF	FB	1.00	106.46	8.50	3000
CUNHM	IAF	BRWER		TF	FB	1.00	286.60	6.00	3000
BRWER	IF	PATRK		TF	FB	1.00	196.54	6.50	2000
PATRK	FAF	RW20	MAP	TF	FO	0.30	196.52	5.08	
RW20	MAP	748 MSL		CA			196.52		
748 MSL		LOA VORTAC		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LP: RW20
 LNAV: RW20

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 4000 DIRECT LOA VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
23
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT BRWER

3. FAC: 196.52

FAF: PATRK

DIST FAF TO MAP: 5.08

DIST FAF TO THLD: 5.08

4. MIN ALT: BRWER 3000, PATRK 2000

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 CLEAR

20:1: IS NOT CLEAR

TCH:

8. MSA FROM: RW20 2200

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LOA VORTAC AIRWAY RADIALS 323 CW 131.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LFK VORTAC AIRWAY RADIALS 245 CW 020.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
WAAS CHANNEL #65826
REFERENCE PATH ID: W20A
FAS OBST: 610 AAO 312136N/0952212W, 640 AAO 312349N/0952202W.
630 AAO 312325N/0952206W.
HOLD NE, RT, 237.00 INBOUND
LTP HAE: 79.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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	880	1	532	880	1	532		NA			NA				
LNAV MDA	900	1	552	900	1	552		NA			NA				
CIRCLING	900	1	552	980	1	632		NA			NA				



CHANGES - REASONS

1. CHANGED LOA VORTAC TO ARTEE AND LFK VORTAC TO CUNHM SEGMENTS RNP FROM 2.00 TO READ 1.00 IN TERMINAL ROUTES SECTION - FEEDER SEGMENT RNP VALUE NOW 1.00.
2. CHANGED BRWER TO PATRK SEGMENT RNP FROM 0.50 TO 1.00 IN TERMINAL ROUTES SECTION - INTERMEDIATE SEGMENT RNP VALUE NOW 1.00.
3. REMOVED CLIMB-TO ALTITUDE AND ZEPOD FIX FROM TERMINAL ROUTES SECTION - MISSED APPROACH REDESIGNED TO COMPLY WITH CURRENT CRITERIA.
4. CHANGED MISSED APPROACH INSTRUCTION FROM CLIMB TO 2000 DIRECT ZEPOD THEN CLIMB TO 4000 ON TRACK 252.39 TO LOA VORTAC AND HOLD TO READ CLIMBING RIGHT TURN TO 4000 DIRECT LOA VORTAC AND HOLD IN MISSED APPROACH SECTION - FPT REQUEST PER EMAIL/MISSED APPROACH REDESIGNED TO COMPLY WITH CURRENT CRITERIA.
5. ADDED IS NOT CLEAR TO 20:1 ON LINE 7 - REQUIRED DOCUMENTATION/TARGETS IDENTIFIED 20:1 SURFACE PENETRATIONS.
6. ADDED RNP APCH TO PBN REQUIREMENTS NOTE SECTION - REQUIRED DOCUMENTATION BY CRITERIA.
7. REMOVED CHART NOTE: DME/DME RNP-0.3 NA FROM NOTES SECTION - NO LONGER REQUIRED BY CRITERIA.
8. CHANGED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE PALESTINE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET TO READ CHART NOTE: USE PALESTINE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET IN NOTES SECTION AND MOVED FROM NOTES SECTION TO 8260-9 GENERAL REMARKS SECTION - BOTH ALTIMETER SOURCES TRANSMIT ON WMSCR/CALCULATED FOR CONTINGENCY PURPOSES.
9. REMOVED PATRK TO RW20: 3.00/35 FROM ADDITIONAL FLIGHT DATA SECTION - FLIGHT INSPECTION DETERMINED VDA/TCH MUST NOT BE SPECIFIED/CLEARs !FDC 8/4591.
10. CHANGED FAS OBSTACLE FROM 630 AAO TO READ 610 AAO IN ADDITIONAL FLIGHT DATA SECTION - NEW CONTROLLING OBSTACLE FOR LP FINAL SEGMENT.
11. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA SECTION - REQUIRED DOCUMENTATION BY CRITERIA.
12. ADDED CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES TO ADDITIONAL FLIGHT DATA SECTION - FLIGHT INSPECTION DETERMINED VDA/TCH MUST NOT BE SPECIFIED/CLEARs !FDC 8/4591.
13. ADDED LP FINAL SEGMENT 7:1 OBSTACLE 630 AAO TO ADDITIONAL FLIGHT DATA SECTION - MOVED PREVIOUSLY ENTERED AAO TO CONTOUR LINE.
14. CHANGED CIRCLING CAT B CMDA/HAA FROM 900/552 TO READ 980/632 IN MINIMUMS SECTION - NEW CONTROLLING OBSTACLE FOR CAT B CIRCLING AREA.
15. CHANGED LTP LATITUDE FROM 311843.4730N TO READ 311843.4665N AND LTP LONGITUDE FROM 0952405.3380W TO READ 0952405.3455W IN FAS DATA BLOCK INFORMATION SECTION - NEW SURVEY.
16. CHANGED FPAP LATITUDE FROM 311720.3900N TO READ 311720.3820N AND FPAP LONGITUDE FROM 0952443.4500W TO READ 0952443.4570W IN FAS DATA BLOCK INFORMATION SECTION - TARGETS CALCULATION.
17. CHANGED TCH FROM 00035.0 TO READ 00000.0 AND GPA FROM 03.00 TO READ 00.00 IN FAS DATA BLOCK INFORMATION SECTION - VDA/TCH NOT SPECIFIED DUE TO FLIGHT INSPECTION.
18. CHANGED CRC FROM 9038557A TO READ 249B3804 IN FAS DATA BLOCK INFORMATION SECTION - NEW SURVEY/VDA AND TCH NOT SPECIFIED DUE TO FLIGHT INSPECTION.

03/26/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/26/19.

1. CHANGED THRE TO READ TDZE IN AIRPORT IDENTIFICATION SECTION.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZHU

FLIGHT CHECKED BY

GARY WILSON BELL

Digitally signed by

ALLAN WILL

Mar 27, 2019

OFFICE

FIOG

DATE

02/20/2019

DEVELOPED BY

MICHAEL R. GARRITY JR. MICHAEL GARRITY

Digitally signed by

Mar 26, 2019

OFFICE

AJV-A423

DATE

09/20/2018

APPROVED BY

JULIE MORGAN

Digitally signed by

ALLAN WILL

Mar 27, 2019

OFFICE

A42

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDKR
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	311843.4665N
LTP/FTP LONGITUDE	0952405.3455W
LTP/FTP ELLIPSOIDAL HEIGHT	+00792
FPAP LATITUDE	311720.3820N
FPAP LONGITUDE	0952443.4570W
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	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	249B3804

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01062
FPAP ORTHOMETRIC HEIGHT	+01062

