

**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> KDPA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 20R	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> CHICAGO/WEST CHICAGO	<u>STATE</u> IL	
<u>AIRPORT ELEVATION</u> 759	<u>TDZE</u> 757	<u>SUPERSEDED</u> RNAV (GPS) RWY 20R	<u>ORIGINAL/AMENDMENT</u> 1H	<u>DATED</u> 10/07/2021	<u>MAG VAR</u> 1W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1985

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
DPA VOR/DME		DUKBE		TF	FO	1.00	031.40	14.65	3000
SMLLY	IAF	DUKBE	NOPT	TF	FB	1.00	104.96	7.00	3000
DUKBE	IF/IAF	FRTZZ		TF	FB	1.00	195.07	6.20	2500
FRTZZ	FAF	SUCOP/1.77 NM TO RW20R		TF	FB	0.30	195.04	3.58	
SUCOP/1.77 NM TO RW20R		RW20R	MAP	TF	FO	0.30	195.04	1.77	
RW20R	MAP	1043 MSL		CA			195.04		
1043 MSL		FABUG		DF	FB	1.00			
FABUG		JOT VOR/DME		TF	FO	1.00	187.21	16.33	2500

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW20R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT FABUG AND 187.21 TRACK TO JOT VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD N DUKBE, RT, 195.07 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 195.04 **FAF:** FRTZZ **DIST FAF TO MAP:** 5.35 **DIST FAF TO THLD:** 5.35
- 4. **MIN ALT:** DUKBE 3000, FRTZZ 2500, SUCOP/1.77 NM TO RW20R 1360
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **286 HAT:** 0.78 **GS ANT:**
- 6. **MIN GP INCPT:** 2500 **GP ALT AT PFAF :** FRTZZ 2500 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 40.0
- 8. **MSA FROM:** RW20R 3400

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 15, 28, 33 NA AT NIGHT.
 CHART NOTE: RWY 20R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 051.00 INBOUND.
 CHART FAS OBST: 908 BUILDING (17-001265) 415513N/0881522W.
 CHART 1136 TOWER 415954N/0881433W.
 CHART VDP AT 1.14 NM TO RW20R.
 WAAS CHANNEL # 45921
 REFERENCE PATH ID: W20A
 LTP HAE: 197.1 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	1043	7/8	286	1043	7/8	286	1043	7/8	286	1043	7/8	286			
LNAV/VNAV DA	1080	1	323	1080	1	323	1080	1	323	1080	1	323			
LNAV MDA	1160	1	403	1160	1	403	1160	1 1/8	403	1160	1 1/8	403			
CIRCLING	1260	1	501	1360	1	601	1460	2	701	1460	2 1/4	701			



CHANGES - REASONS

1. DELETED FEEDER FROM NUELG TO DUKBE - AIRSPACE REDESIGN FOR TRAFFIC SEPARATION.
2. DELETED INITIAL FROM FARMM TO DUKBE - AIRSPACE REDESIGN FOR TRAFFIC SEPARATION.
3. ADDED INITIAL FROM SMLLY TO DUKBE - AIRSPACE REDESIGN FOR TRAFFIC SEPARATION.
4. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 2500 DIRECT FABUG AND ON TRACK 187.21 TO JOT VOR/DME AND HOLD" TO "CLIMB TO 2500 DIRECT FABUG AND 187.21 TRACK TO JOT VOR/DME AND HOLD" - REMOVED UNREQUIRED WORDING OF "ON".
5. REMOVED ASTERISK FROM SUCOP ALTITUDE OF 1360 AND LNAV ONLY NOTE - LNAV ONLY IDENTIFICATION AT ALTITUDE NO LONGER REQUIRED.
6. CHANGED DIST TO 286 HAT VALUE FROM 0.77 TO 0.78 - TARGETS CALCULATION.
7. ADDED GPS TO PBN REQUIREMENTS NOTE RNP APCH - NEW REQUIREMENT TO IDENTIFY SENSOR.
8. DELETED DME/DME RNP-0.3 NA NOTE - REPLACED BY PBN REQUIREMENT NOTE.
9. UPDATED UNCOMPENSATED BARO-VNAV NOTE: DELETED FAHRENHEIT VALUES; CHANGED BELOW VALUE FROM -16C TO -22C - FAHRENHEIT VALUES NO LONGER REQUIRED; NEW TARGETS CALCULATION.
10. DELETED BACK-UP ALTIMETER SETTING NOTES - KDPA ALITMETER SOURCE IS ON WMSCR, MOVED TO BACK OF 8260-9 AS CONTINGENT WHEN NEEDED BY NOTAM.
11. DELETED VGSI NOT COINCIDENT PROFILE NOTE - VGSI IS COINCIDENT WITH GP/TCH.
12. INCORPORATED P-NOTAM CIRCLING CATS C/D MINS - P-NOTAM ISSUED RAISING MINS ON PUBLISHED CHART.
13. CRC REMAINDER CHANGED FROM 4C4269D2 TO 755F5FC7 - LTP AND FPAP COORDINATES AND ELLIPSOIDAL HEIGHT UPDATED.
14. DELETED PROCEDURE NA NOTE FOR ENTRY AT FARMM - FARMM TO DUBKE INITIAL DELETED FROM PROCEDURE.
15. TERMINAL ROUTE FROM DUKBE TO FRTZZ COURSE CHANGED FROM 195.06 TO 195.07 - FRTZZ MOVED 2.6 FT.
16. SUCOP ATD FIX CHANGED FROM SUCOP/1.80 NM TO RW20R TO SUCOP/1.77 NM TO RW20R SUCOP MOVE 165.9 FT.
17. HIL COURSE CHANGED FROM 195.06 TO 195.07 - ALIGN WITH NEW INTERMEDIATE COURSE.
18. TERMINAL ROUTE FROM SUCOP/1.77 NM TO RW20R TO RW20R DISTANCE CHANGED FROM 1.80 TO 1.77 - SUCOP MOVED 2.6 FT.
19. TERMINAL ROUTE FROM FRTZZ TO SUCOP/1.77 NM TO RW20R DISTANCE CHANGED FROM 3.55 TO 3.58 - SUCOP MOVED 2.6 FT.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU ARTCC, ORO APP CON, DPA ATCT, AMGR

FLIGHT CHECKED BY

BRIAN P CARSON

Digitally signed by
CASIMIR L TABAKA

OFFICE

FPO

DATE

04/06/2023

DEVELOPED BY

KELLY DEAN

Digitally signed by
KELLY D DEAN

Apr 07, 2023

OFFICE

AJV-A432

DATE

01/12/2023

APPROVED BY

CASIMIR TABAKA

Mar 17, 2023

Digitally signed by
CASIMIR L TABAKA

Mar 21, 2023

OFFICE

AJV-A432

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDPA
RUNWAY	RW20R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	415451.0750N
LTP/FTP LONGITUDE	0881448.5210W
LTP/FTP ELLIPSOIDAL HEIGHT	+01971
FPAP LATITUDE	415324.5890N
FPAP LONGITUDE	0881517.4145W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	755F5FC7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02303
FPAP ORTHOMETRIC HEIGHT	+02303