

**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> KCDW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 2C	<u>CITY</u> CALDWELL	<u>STATE</u> NJ		
<u>AIRPORT ELEVATION</u> 172	<u>TDZE</u> 172	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 2B	<u>DATED</u> 09/10/2020	<u>MAG VAR</u> 13W	<u>EPOCH YEAR</u> 1985
<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>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZEZEE	IAF	WELDD		TF	FB	1.00	119.01	4.11	3000
WELDD	IAF	APART		TF	FB	1.00	119.07	4.11	3000
APART	IAF	DOWDY		TF	FB	1.00	155.59	5.89	2400
DOWDY	IF	FAAIR		TF	FB	1.00	222.69	3.92	2000
FAAIR	FAF	KOLLI/2.40 NM TO RW22		TF	FB	0.30	222.66	2.98	
KOLLI/2.40 NM TO RW22		RW22	MAP	TF	FO	0.30	222.66	2.40	
RW22	MAP	459 MSL		CA			222.66		
459 MSL		YOVUN		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT YOYUN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. PROFILE STARTS AT DOWDY
- 3. **FAF:** 222.66 **FAF:** FAAIR **DIST FAF TO MAP:** 5.38 **DIST FAF TO THLD:** 5.38
- 4. **MIN ALT:** DOWDY 2400, FAAIR 2000, KOLLI/2.40 NM TO RW22 1000
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **287 HAT:** 0.69 **GS ANT:**
- 6. **MIN GP INCPT:** 2000 **GP ALT AT PFAF :** FAAIR 2000 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.10 **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:** 58.0
- 8. **MSA FROM:** RW22 2900

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: CIRCLING RWY 10, 28 NA AT NIGHT.
 CHART NOTE: CIRCLING NA E OF RWY 04-22.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 HOLD SW, RT, 042.53 INBOUND.
 CHART FAS OBST: 412 TREE (34-050665) 405213N/0741613W.
 WAAS CHANNEL # 58022
 REFERENCE PATH ID: W22A
 LTP HAE: 20 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT B 900-2, CAT C 1000-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
	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	459	1	287	459	1	287	459	1	287		NA				
LNAV/VNAV DA	610	1 3/8	438	610	1 3/8	438	610	1 3/8	438		NA				
LNAV MDA	680	1	508	680	1	508	680	1 3/8	508		NA				
CIRCLING	960	1	788	1040	2	868	1100	2 3/4	928		NA				



CHANGES - REASONS

1. EQUIPMENT REQUIREMENTS NOTES: CHANGED FROM RNP APCH TO RNP APCH - GPS - IAW 8260.19I, 8-6-8.
2. NOTES: DELETED BACKUP ALTIMETER SETTING AND BARO-VNAV NA WHEN USING NEWARK ALTIMETER SETTING NOTES -ADDED TO 8260-9 AS CONTINGENCY NOTE IAW 8260.19I, 8-6-9. F. (3).
3. PROFILE LINE 4 AND NOTES: REMOVED *LNAV ONLY - IAW 8260.19I, 8-6-7.
4. NOTES: CHANGED FROM "CIRCLING RWY 4, 10, 28 NA AT NIGHT" TO "CIRCLING RWY 10, 28 NA AT NIGHT" - 20:1 OBST ARE LIGHTED.
5. CRC REMAINDER CHANGED FROM CD438FBF TO FACBB155 - LTP/FTP LATITUDE/LONGITUDE CHANGED FROM 405241.8840N/0741642.4060W TO 405241.8820N/0741642.4080W.

4/12/23 THIS IS AN UPDATED COPY OF THE PROCEDURE DEVELOPED ON 4/25/22

1. ADDED CHART NOTE: CIRCLING NA E OF RWY 04-22.

COORDINATED WITH:

A4A
ALPA
AOPA
APA
HAI
NBAA
OTHER: NYC APP CON, CDW ATCT, AMGR

FLIGHT CHECKED BY

BOB S PRESSLER

OFFICE

FPO

DATE

04/11/2023

DEVELOPED BY

APRIL SARMENTO

Digitally signed by

APRIL T SARMENTO

Nov 07, 2022

Digitally signed by
CASIMIR L TABAKA

Nov 18, 2022

OFFICE

AJV-A432

DATE

04/25/2022

APPROVED BY

CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA

Nov 18, 2022

OFFICE

AJV-A431

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCDW
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	405241.8820N
LTP/FTP LONGITUDE	0741642.4080W
LTP/FTP ELLIPSOIDAL HEIGHT	+00200
FPAP LATITUDE	405124.3680N
FPAP LONGITUDE	0741740.4240W
THRESHOLD CROSSING HEIGHT (TCH)	00058.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1400
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	FACBB155

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00525
FPAP ORTHOMETRIC HEIGHT	+00525

