

**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.

<b>AIRPORT ID</b> CTK	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 36	<b>ORIGINAL/AMENDMENT</b> 1E	<b>CITY</b> CANTON	<b>STATE</b> IL
<b>AIRPORT ELEVATION</b> 684	<b>TDZE</b> 680	<b>SUPERSEDED</b> RNAV (GPS) RWY 36	<b>DATED</b> 12/02/2021	<b>MAG VAR</b> 2W
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 2025
				<b>CANCEL/SUSPEND</b>

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BRL VOR/DME		CANUT		TF	FB	1.00	126.58	38.63	2500
PIA VORTAC		LOPIY		TF	FB	1.00	191.09	20.06	2500
CANUT	IAF	CETRU	NOPT	TF	FB	1.00	093.08	7.00	2500
LOPIY	IAF	CETRU	NOPT	TF	FB	1.00	273.32	10.00	2500
CETRU	IF/IAF	JITID		TF	FB	1.00	003.18	6.91	2500
JITID	FAF	RW36	MAP	TF	FO	0.30	003.18	5.62	
RW36	MAP	976 MSL		CA			003.18		
976 MSL		LUYIL		DF	FO	1.00			2500

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW36

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2500 DIRECT LUYIL AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF** (IAF)
- HOLD S CETRU, RT, 003.18 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 003.18                      **FAF:** JITID                      **DIST FAF TO MAP:** 5.62                      **DIST FAF TO THLD:** 5.62
- MIN ALT:** CETRU 2500, JITID 2500
- DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **GS ANT:**
- MIN GP INCPT:** 2500                      **GP ALT AT PFAF:** JITID 2500                      **OM:**                      **MM:**                      **IM:**
- GP ANGLE:** 3.00                      **34:1:** IS NOT CLEAR                      **20:1:** IS CLEAR                      **TCH:** 40.0
- MSA FROM:** RW36 2500



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BRL VOR/DME AIRWAY RADIALS 061 CW 161.  
 CHART NOTE: BARO-VNAV NA.  
 CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
 CHART NOTE: USE PIA ALTIMETER SETTING; WHEN NOT RECEIVED, PROCEDURE NA.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PIA VORTAC AIRWAY RADIALS 115 CW 170.

**ADDITIONAL FLIGHT DATA:**

CHART PIA ASOS-3  
 HOLD N, RT, 183.18 INBOUND.  
 FAS OBST: 870 AAO 403009N/0900454W.  
 WAAS CHANNEL # 78331  
 REFERENCE PATH ID: W36A  
 LTP HAE: 171.2 M

**MINIMUMS:**

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

**ALTERNATE:** NA

<b><u>CATEGORY:</u></b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>			
	<b><u>FINAL TYPE</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>
LPV DA	976	1	296	976	1	296	976	1	296		NA					
LNAV/VNAV DA	1044	1	364	1044	1	364	1044	1	364		NA					
LNAV MDA	1180	1	500	1180	1	500	1180	1 3/8	500		NA					
CIRCLING	1200	1	516	1440	1	756	1440	2 1/4	756		NA					



**CHANGES - REASONS**

1. KCTK MAGNETIC VARIATION (MAGVAR) UPDATED FROM 2E 1980 TO 2W 2025 - UPDATED MAGVAR PER NOAA IN AIRNAV EXCEEDED PREVIOUS MAGVAR BY MORE THAN 3 DEGREES.
2. ALL MAGNETIC TRACKS AND COURSES INCREASED 4 DEGREES - PER UPDATED MAGVAR.
3. CHANGED RNP VALUES FOR FEEDER SEGMENTS BRL VOR/DME TO CANUT AND PIA VORTAC TO LOPIY FROM 2.00 TO 1.00 - PER 8260.58C TABLE 1-2-1.
4. ADDED RNP 1.00 TO MISSED APPROACH DF LEG - MISSING FROM PREVIOUS AMENDMENT AND PER 8260.58C TABLE 1-2-1.
5. PROFILE LINE 2: CHANGED FAC FROM 359.18 TO 003.18 - PER UPDATED MAGVAR.
6. PROFILE LINE 7: CHANGED 34:1 IS CLEAR TO 34:1 IS NOT CLEAR - 34:1 PENETRATION EXIST.
7. ADDED PBN REQUIREMENT NOTE 'RNP APCH-GPS' - PER 8260.19J PARA. 8-6-8D(5)(A)1.
8. REMOVED NOTE 'FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 54°C (130°F) - BARO-VNAV NA DUE TO USE OF REMOTE ALTIMETER.
9. REMOVED NOTE 'DME/DME RNP-0.3 NA' - REPLACED BY PBN REQUIREMENTS NOTE.
10. REMOVED NOTE '\*LNAV ONLY' AND ASSOCIATED ASTERISK FROM VDP AT 1.29 NM TO RW36 - NO LONGER REQUIRED BY CRITERIA.
11. REMOVED VDP AT 1.29 NM TO RW36 - USE OF REMOTE ALTIMETER PREVENTS VDP PUBLICATION PER 8260.3F PARA. 2-6-5A(1).A.
12. DELETED NOTE 'CIRCLING TO RWY 9, 18, 27 NA AT NIGHT' FROM FORM - NO 20:1 SURFACE PENETRATIONS EXIST TO LISTED RUNWAYS. NOTE ALREADY REMOVED FROM CHART.
13. DELETED NOTE 'VDP NA WHEN USING GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING' - VDP REMOVED.
14. MOVED 'CHART PEORIA ASOS' FROM REMARKS TO ADDITIONAL FLIGHT DATA AND CHANGED FORMAT TO 'CHART PIA ASOS-3' - PER 8260.19J PARA. 8-2-4B(3).
15. ADDED NOTE 'RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED' - 34:1 PENETRATION EXIST.
16. ADDED NOTE 'USE PIA ALTIMETER SETTING; WHEN NOT RECEIVED, PROCEDURE NA' - REQUIRED WHEN USING A REMOTE ALTIMETER PER 8260.19J PARA. 8-6-10F(6).
17. CHANGED PLANVIEW NOTE 'PROCEDURE NA FOR ARRIVAL ON BRL VOR/DME AIRWAY RADIALS 061 CW 192' TO 'PROCEDURE NA FOR ARRIVAL ON BRL VOR/DME AIRWAY RADIALS 061 CW 161' - AIRWAY DECOMMISSIONED AT BRL VOR/DME R-192.
18. CHANGED PLANVIEW NOTE 'PROCEDURE NA FOR ARRIVAL ON PIA VORTAC AIRWAY RADIALS 115 CW 230' TO 'PROCEDURE NA FOR ARRIVAL ON PIA VORTAC AIRWAY RADIALS 115 CW 170' - AIRWAY DECOMMISSIONED AT PIA VORTAC R-230.
19. UPDATED FAS OBST 869 AAO 403026N/0900400W TO FAS OBST: 870 AAO 403009N/0900454W - NEW TARGETS EVALUATION.
20. FAS DATA: CHANGED FPAP LAT/LONG FROM 403513.6900N/0900424.5700W TO 403513.6950N/0900424.5660W - UPDATED AIRNAV SURVEY DATA.
21. FAS DATA: CRC REMAINDER CHANGED FROM 3D58281F TO AF6EE082 - RESULT FROM CHANGE OF FPAP COORDINATES.

**COORDINATED WITH:**

**A4A**  
  **ALPA**  **AOPA**  
  **APA**  
  **HAI**  
  **NBAA**

**OTHER:** PIA APP CON, ZAU ARTCC, AMGR

**FLIGHT CHECKED BY**

MARC WEBBER

*Digitally signed by*

**RAKE MCGRAW**

Apr 09, 2025

**OFFICE**

AJF

**DATE**

04/04/2025

**DEVELOPED BY**

RALPH DUMAR

*Digitally signed by*

**RALPH DUMAR**

Feb 06, 2025

**OFFICE**

AJV-A422

**DATE**

10/24/2024

**APPROVED BY**

BEV L BORDY

*Digitally signed by*

**RAKE MCGRAW**

Apr 09, 2025

**OFFICE**

AJV-A420

**DATE**

05/08/2025

**TITLE**

MANAGER



AIRPORT ID  
CTK

PROCEDURE NAME  
RNAV (GPS) RWY 36

ORIGINAL/AMENDMENT  
1E

CITY  
CANTON

STATE  
IL

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCTK
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	403344.5545N
LTP/FTP LONGITUDE	0900426.9815W
LTP/FTP ELLIPSOIDAL HEIGHT	+01712
FPAP LATITUDE	403513.6950N
FPAP LONGITUDE	0900424.5660W
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	1560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER AF6EE082

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02043
FPAP ORTHOMETRIC HEIGHT	+02043



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

<u>AIRPORT ID</u> CTK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>AMDT NO.</u> 1E	<u>CITY</u> CANTON	<u>STATE</u> IL	<u>AIRPORT ELEVATION</u> 684	<u>FACILITY</u> RNAV
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**PART A: OBSTRUCTION DATA SEGMENTS**

**FEEDER**

<u>FROM</u> BRL VOR/DME	<u>TO</u> CANUT
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<u>RNP</u> 1.00	<u>DISTANCE</u> 38.63	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (17-072589)	403759.08N/0904545.61W	1300	250	50	4D	1000				AT200	2500
TERRAIN	403818.00N/0904439.00W	807 (800)								AS1500	2300

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**

**FEEDER**

<u>FROM</u> PIA VORTAC	<u>TO</u> LOPIY
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<u>RNP</u> 1.00	<u>DISTANCE</u> 20.06	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (17-020122)	403859.91N/0894645.43W	1048	250	50	4D	1000				AT452	2500
TERRAIN	404018.00N/0894815.00W	734 (700)								AS1500	2200

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**



**AIRPORT ID**  
CTK

**PROCEDURE NAME**  
RNAV (GPS) RWY 36

**AMDT NO.**  
1E

**CITY**  
CANTON

**STATE**  
IL

**AIRPORT ELEVATION**  
684

**FACILITY**  
RNAV

**INITIAL**

**FROM**  
CANUT

**TO**  
CETRU

**RNP**  
1.00

**DISTANCE**  
7.00

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (17-003105)	402024.00N/0901245.00W	959	50	20	2C	1000				AT541	2500
TERRAIN	402254.00N/0901151.00W	613 (600)								AS1500	2100

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL**

**FROM**  
LOPIY

**TO**  
CETRU

**RNP**  
1.00

**DISTANCE**  
10.00

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (17-003022)	402440.00N/0900156.00W	806	50	20	2C	1000				AT694	2500
TERRAIN	402248.00N/0895542.00W	561 (600)								AS1500	2100

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
CTK

**PROCEDURE NAME**  
RNAV (GPS) RWY 36

**AMDT NO.**  
1E

**CITY**  
CANTON

**STATE**  
IL

**AIRPORT ELEVATION**  
684

**FACILITY**  
RNAV

**INTERMEDIATE**

**FROM**  
CETRU (IF/IAF)

**TO**  
JITID

**RNP**  
1.00

**DISTANCE**  
6.91

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	402818.00N/0900433.00W	847	215	8	4B	500				AT1153	2500
TERRAIN	402806.00N/0900433.00W	636 (600)								AS1500	2100

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LPV**

**FROM**  
JITID

**TO**  
RW36

**RNP**  
0.30

**DISTANCE**  
5.62

**PAT**

**MAP**  
DA

**HAT**  
296

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TREE (17-037919)	403331.99N/0900430.89W	724	20	3	1A		34:1			RA46	976

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
CTK

**PROCEDURE NAME**  
RNAV (GPS) RWY 36

**AMDT NO.**  
1E

**CITY**  
CANTON

**STATE**  
IL

**AIRPORT ELEVATION**  
684

**FACILITY**  
RNAV

**FINAL: LNAV/VNAV**

**FROM** **TO**  
JITID RW36

**RNP** **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
0.30 5.62 DA 364

<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>
TANK (17-027404)	403324.25N/0900506.85W	818	50	20	2C	150				AC20 RA46 XP10	1044

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

XP: TO MAINTAIN PUBLISHED DA/HAT

**FINAL: LNAV**

**FROM** **TO**  
JITID RW36

**RNP** **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
0.30 5.62 RW36 500

<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>
AAO	403009.00N/0900454.00W	870	215	8	4B	250				RA46	1180

**COMPUTATIONS**

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

**SEGMENT REMARKS:**





**AIRPORT ID**  
CTK

**PROCEDURE NAME**  
RNAV (GPS) RWY 36

**AMDT NO.**  
1E

**CITY**  
CANTON

**STATE**  
IL

**AIRPORT ELEVATION**  
684

**FACILITY**  
RNAV

**HOLD-IN-LIEU OF PT**

**FROM**  
CETRU **TO**  
P-5

**RNP** **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
P-5

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
STACK (17-000968)	401654.00N/0900444.00W	963	250	50	4D	1000				AT537	2500
TERRAIN	402448.00N/0900727.00W	606 (600)								AS1500	2100

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: LPV**

**FROM**  
DA **TO**  
LUYIL

**RNP** **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
0.30-1.00 739

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				2500
TOWER (17-000998)	404236.00N/0900203.00W	1042	500	50	5D	1000					2100
TERRAIN	403745.00N/0900300.00W	797 (800)								AS1500	2300

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
CTK

**PROCEDURE NAME**  
RNAV (GPS) RWY 36

**AMDT NO.**  
1E

**CITY**  
CANTON

**STATE**  
IL

**AIRPORT ELEVATION**  
684

**FACILITY**  
RNAV

**MISSED APPROACH: LNAV/VNAV**

**FROM**  
DA **TO**  
LUYIL

**RNP** **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
0.30-1.00      848

<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>
							ASC				2500
TOWER (17-000998)	404236.00N/0900203.00W	1042	500	50	5D	1000					2100
TERRAIN	403745.00N/0900300.00W	797 (800)								AS1500	2300

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV**

**FROM**  
RW36 **TO**  
LUYIL

**RNP** **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
0.30-1.00     1054

<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>
							ASC				2500
TOWER (17-000998)	404236.00N/0900203.00W	1042	500	50	5D	1000					2100
TERRAIN	403745.00N/0900300.00W	797 (800)								AS1500	2300

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
CTK

**PROCEDURE NAME**  
RNAV (GPS) RWY 36

**AMDT NO.**  
1E

**CITY**  
CANTON

**STATE**  
IL

**AIRPORT ELEVATION**  
684

**FACILITY**  
RNAV

**CIRCLING**     ALL CATS     CAT A     CAT B     CAT C     CAT D     CAT E     NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
TANK (17-027404)	403324.25N/0900506.85W	1.30	516	818	50	20	2C	300		RA46 XP36	1200
CATEGORY B											
TOWER (17-000639)	403517.00N/0900219.00W	1.83	756	1030	250	50	4D	300		AC50 RA46	1440
CATEGORY C											
TOWER (17-000639)	403517.00N/0900219.00W	2.88	756	1030	250	50	4D	300		AC50 RA46	1440

**CIRCLING REMARKS:**

TO MAINTAIN PUBLISHED MINIMUMS

**MSA**

**CENTER**  
RW36

**RADIUS**  
25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	TWR (17-002350)	404103.42N/0903528.58W	285	24.7	1418	50	20	2C	1000			2500

**MSA REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

75' VEGETATION USED PER FPT.

TAA NOT DEVELOPED PER FPT.



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RNAV

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

IKK FSS, ZAU ARTCC, PIA APP CON

<b>WX SERVICE</b> ASOS	<b>LOCATION</b> PIA	<b>HRS OPERATION</b> 24	<b>ALTIMETER SOURCE</b> PIA	<b>DISTANCE</b> 18.34	<b>WMSCR</b> Y	<b>ADJUSTMENTS</b> 46
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<b>BACK-UP WX SERVICE</b>	<b>LOCATION</b>	<b>HRS OPERATION</b>	<b>ALTIMETER SOURCE</b>	<b>DISTANCE</b>	<b>WMSCR</b>	<b>ADJUSTMENTS</b>
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**WX REMARKS:**

NO SUITABLE BACKUP ALTIMETER SOURCE AVAILABLE.

<b>PRIMARY NAVAID</b>	<b>MONITOR POINT</b>	<b>HRS OPERATION</b>	<b>CAT</b>
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<b>APPROACH AND RUNWAY LIGHTING SYSTEM</b>	<b>RUNWAY MARKINGS</b>	<b>RUNWAY VISUAL RANGE</b>
RW09 - MIRL (PCL)	BSC-F	
RW27 - MIRL (PCL)	BSC-F	
RW18 - MIRL (PCL)	NPI-F	
RW36 - REIL (PCL), MIRL (PCL)	NPI-F	

<b>GLIDESLOPE ANGLE</b> 3.00	<b>ELEV RWY THRESHOLD</b> 670.3	<b>TCH</b> 40.0	<b>ELEV GS ANTENNA</b>	<b>DISTANCE FROM RWY</b>	<b>VGSI ANGLE</b>	<b>TCH</b>
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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**

<b>CRITICAL LOW</b> -16C	<b>CRITICAL HIGH</b> +54C	<b>ACT</b> -16C	<b>APT ISA</b> +13.65C
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**CRITICAL TEMPERATURE REMARKS:**

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 826 HIGH TEMP 1174.

**"VISUAL PORTION OF FINAL" PENETRATIONS**

FINAL TYPE	LPV, LNAV/VNAV, LNAV
34:1	
724 TREE (17-037919) 403331.9900N/0900430.8900W (22.01)	

**PENETRATIONS REMARKS:**



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

and/or

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

**PENETRATIONS REMARKS:**

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NOT ESTABLISHED - REMOTE ALTIMETER PRIMARY.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

**PART D: AIRSPACE**

**DOCKET #**

**ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE**

<b>DISTANCE FROM</b>	THLD	<b>TO 1000FT POINT</b>	3.11
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1000FT POINT</b>	1.20
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	001.18
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	700
<b>DISTANCE FROM</b>	THLD	<b>TO 1500FT POINT</b>	5.02
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1500FT POINT</b>	1.57
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	001.18
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	700

**THRESHOLD COORDINATES (IF STR-IN)**

403344.55N/0900426.98W

**ARP COORDINATES**

403408.70N/0900429.40W

**RUNWAY APCH END AND DIST FURTHEST FROM ARP**

RUNWAY 36 DISTANCE 0.40 NM

**FAF COORDINATES**

402807.20N/0900436.08W

**FIX NAME COORDINATES**

IF/IAF CETRU 402112.24N/0900447.25W

**REMARKS**

NO ADDITIONAL AIRSPACE REQUIRED.

**PART E: PREPARED BY**

**NAME**

RALPH DUMAR

**OFFICE**

AJV-A422

**DATE**

10/24/2024

**TITLE**

AERONAUTICAL INFORMATION SPECIALIST

