

**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.

AIRPORT ID SPI	PROCEDURE NAME RNAV (GPS) RWY 4	ORIGINAL/AMENDMENT ORIG-E	CITY SPRINGFIELD	STATE IL
AIRPORT ELEVATION 598	TDZE 592	SUPERSEDED RNAV (GPS) RWY 4	DATED 08/13/2020	MAG VAR 1W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2005
			CANCEL/SUSPEND	

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>
AUBUR	IAF	COVAC	NOPT	TF	FB	1.00	335.46	11.67	2700
GINIA	IAF	COVAC	NOPT	TF	FB	1.00	130.77	14.73	2700
COVAC	IF/IAF	ZANRA		TF	FB	1.00	042.51	6.92	2300
ZANRA	FAF	RW04	MAP	TF	FO	0.30	042.57	5.12	
RW04	MAP	854 MSL		CA			042.57		
854 MSL		REYCO		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT REYCO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD SW COVAC, RT, 042.51 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.				
3.	FAC: 042.57	FAF: ZANRA	DIST FAF TO MAP: 5.12	DIST FAF TO THLD: 5.12	
4.	MIN ALT: COVAC 2700, ZANRA 2300				
5.	DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	262 HAT: 0.67
6.	MIN GP INCPT: 2300	GP ALT AT FAF: ZANRA 2300	OM:	GS ANT:	MM:
7.	GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 56.2	IM:
8.	MSA FROM: RW04 3100				

QUALITY
20
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LINCOLN ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS C/D VISIBILITY TO 1 3/8 SM.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING AND INCREASE LPV DA TO 912 FEET; INCREASE LNAV/VNAV DA TO 989 FEET AND ALL VISIBILITIES TO RVR 3500; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D TO RVR 5500 AND CIRCLING VISIBILITY CAT C/D 1/4 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING LINCOLN ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 222.73 INBOUND.
CHART FAS OBST: 796 TOWER (17-003892) 394738N/0894249W.
CHART VDP AT 1.30 NM TO RW04.
WAAS CHANNEL # 70309
REFERENCE PATH ID: W04A
CHART CIRCLING ICON.
LTP HAE: 146.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, 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	854	2400	262	854	2400	262	854	2400	262	854	2400	262			
LNAV/VNAV DA	931	2600	339	931	2600	339	931	2600	339	931	2600	339			
LNAV MDA	1060	2400	468	1060	2400	468	1060	5000	468	1060	5000	468			
CIRCLING	1060	1	462	1100	1	502	1360	2 1/4	762	1380	2 1/2	782			



CHANGES - REASONS

1. INCORPORATED P-NOTAM FOR AMDT ORIG-A, ORIG-B, ORIG-C AND ORIG-D - PER 8260.19I, PARA 8-3-4. C. (2).
2. TERMINAL ROUTES: ADDED ZANRA TO RW04 SEGMENT – PER 8260.19I, PARA 8-6-4. A. (6). A.
3. PROFILE LINE 2: UPDATED FROM “HOLD SW COVAC, RT, 042.51 INBOUND, 2700 FT. IN LIEU OF PT (IAF)” TO “HOLD SW COVAC, RT, 042.51 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000” - PER 8260.19I, PARA 8-6-7. B. (2).
4. PROFILE LINE 5: ADDED 262 HAT: 0.67 NM - MOVED FROM ADDITIONAL FLIGHT DATA.
5. PROFILE LINE 6: ADDED “ZANRA 2300” TO GP ALT AT FAF – PER 8260.19I, PARA 8-6-7. F. (3).
6. PROFILE LINE 7: ADDED 20:1 IS CLEAR - NO 20:1 PENETRATIONS EXIST.
7. CHART NOTE: DELETED DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH-GPS - PER 8260.19I, PARA 8-6-8. B.
8. CHART NOTE: UPDATED FROM “FOR UNCOMPENSATED BARO-VNAV SYSTEMS LNAV/VNAV NA BELOW -16°C (4°F) AND ABOVE 47°C (116°F)” TO “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C” - PER 8260.19I, PARA 8-6-9. R.
9. CHART NOTE: ADDED FOR INOPERATIVE ALS WHEN USING LINCOLN ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500 PER 8260.3E, TABLE 3-3-1.
10. CHART NOTE: UPDATED FROM “FOR INOPERATIVE MALSR INCREASE LPV ALL CATS VISIBILITY TO RVR 5000” TO “FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS C/D VISIBILITY TO 1 3/8 SM - PER 8260.19I, PARA 8-6-11. O. (3). D & 8260.3E, TABLE 3-3-1.
11. CHART NOTE: UPDATED FROM “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING: INCREASE ALL DA 57 FEET AND MDA 60 FEET, INCREASE CIRCLING CAT C AND D VISIBILITY 1/4 SM” TO “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING: INCREASE LPV DA TO 912 FEET; INCREASE LNAV/VNAV DA TO 989 FEET AND ALL VISIBILITIES TO RVR 3500; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D TO RVR 5500 AND CIRCLING VISIBILITY CAT C/D 1/4 SM” - PER 8260.3E, TABLE 3-3-1.
12. ADDITIONAL FLIGHT DATA: UPDATED VDP NOTE FROM 1.3* NM TO 1.30 NM,” DELETED ASTERISK, AND DELETED “*LOC ONLY” – PER 8260.19I, PARA 1-1-5. F. (12).
13. ADDITIONAL FLIGHT DATA: DELETED “CHART: ASR” – NO LONGER REQUIRED PER 8260.19I, PARA 1-1-5. F. (16).
14. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM “796 TOWER 394738N/0894249W” TO “796 TOWER (17-003892) 394738N/0894249W” - PER 8260.19I, PARA 8-6-10. C.
15. ADDITIONAL FLIGHT DATA: DELETED LNAV/VNAV CHART FAS OBSTACLE “663 TREE (KSPI0001) 394936N/0894135W” AND “730 TOWER 394713N/0894458W”- PER 8260.19I, PARA 8-6-10. C.
16. ADDITIONAL FLIGHT DATA: ADDED “LTP HAE: 146.6 M” - PER 8260.19I PARA 8-6-10. J. (3).
17. ADDITIONAL FLIGHT DATA: REMOVED “ROUTE TYPE DESCRIPTION: A, R” - NO LONGER REQUIRED PER ARCHIVED REFERENCE 8260.19H 1-1-5. H. (28).
18. ADDITIONAL FLIGHT DATA: REMOVED “ROUTE TYPE QUALIFIER 1: W, J” - NO LONGER REQUIRED PER ARCHIVED REFERENCE 8260.19H 1-1-5. H. (28).
19. ADDITIONAL FLIGHT DATA: REMOVED “ROUTE TYPE QUALIFIER 2: S” - NO LONGER REQUIRED PER ARCHIVED REFERENCE 8260.19H 1-1-5. H. (28).
20. CHART NOTE: DELETED NOTE “PROCEDURE NA FOR ARRIVAL AT GINIA VIA V50 WESTBOUND” – VICTOR ROUTE REMOVED DUE TO VOR MON.
21. MINIMUMS: DECREASED LNAV/VNAV ALL CATS VISIBILITY FROM 4000 TO 2600 – PER 8260.3E, TABLE 3-3-1.
22. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM BE4B0208 TO 6DA381AC - UPDATED LTP/FTP LATITUDE/LONGITUDE FROM 395012.8400N/0894111.1700W TO 395013.8300N/0894111.1900W, FPAP LATITUDE/LONGITUDE FROM 395111.9300N/0894003.0500W TO 395119.4840N/0893954.3440W, LTP/FTP ELLIPSOIDAL HEIGHT FROM +01464 TO +01465, LENGTH OFFSET FROM 0000 TO 0312.
23. ADDITIONAL PATH POINT RECORD INFORMATION: UPDATED LTP/FPAP ORTHOMETRIC HEIGHT FROM +01790 TO 01791 - LTP/FTP ELLIPSOIDAL HEIGHT CHANGED.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:

SPI APP CON, SPI ATCT, ZKC, AMGR

FLIGHT CHECKED BY

JAMES ONIEAL

OFFICE

FPO

DATE

11/15/2023

Digitally signed by

ROBERT G HAMILTON

Nov 17, 2023

DEVELOPED BY

DAVID TEFFETELLER (KAMARUDINI R. RAIMI)

OFFICE

AJV-A433

DATE

08/25/2023

Digitally signed by

ROBERT G HAMILTON

Nov 17, 2023

APPROVED BY

DAVID TEFFETELLER

OFFICE

AJV-A433

DATE

Digitally signed by

ROBERT G HAMILTON

Nov 17, 2023

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSPI
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	395012.8300N
LTP/FTP LONGITUDE	0894111.1900W
LTP/FTP ELLIPSOIDAL HEIGHT	+01465
FPAP LATITUDE	395119.4840N
FPAP LONGITUDE	0893954.3440W
THRESHOLD CROSSING HEIGHT (TCH)	00056.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6DA381AC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01791
FPAP ORTHOMETRIC HEIGHT	+01791



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

<u>AIRPORT ID</u> SPI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>AMDT NO.</u> ORIG-E	<u>CITY</u> SPRINGFIELD	<u>STATE</u> IL	<u>AIRPORT ELEVATION</u> 598	<u>FACILITY</u> RNAV
--------------------------	---	---------------------------	----------------------------	--------------------	---------------------------------	-------------------------

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM AUBUR **TO** COVAC

RNP 1.00 DISTANCE 11.67 PAT MAP HAT HMAS

<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>
TOWER (17-003348)	393802.45N/0894849.97W	967	500	50	5D	1000				AT733	2700
TERRAIN	393248.00N/0894951.00W	689 (700)								AS1500	2200

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM GINIA **TO** COVAC

RNP 1.00 DISTANCE 14.73 PAT MAP HAT HMAS

<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>
TOWER (17-001838)	394328.00N/0895754.00W	1005	500	50	5D	1000				AT695	2700
TERRAIN	394254.00N/0895651.00W	667 (700)								AS1500	2200

COMPUTATIONS

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

SEGMENT REMARKS:



INTERMEDIATE

FROM

COVAC

TO

ZANRA

RNP

1.00

DISTANCE

6.92

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (17-001249)	394159.00N/0894655.00W	1110	500	125	5E	500				AC125 AT565	2300
TERRAIN	394342.00N/0895536.00W	663 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

ZANRA

TO

RW04

RNP

0.30

DISTANCE

5.12

PAT

MAP

DA

HAT

262

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (KSPI0004)	394950.31N/0894130.69W	640	20	3	1A		34:1				854

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

ZANRA

TO

RW04

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.12		DA				339				
<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>
TREE (KSPI0001)	394936.37N/0894135.36W	663	20	3	1A		23.4:1				931

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

ZANRA

TO

RW04

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.12		RW04				468				
<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>
TOWER (17-003892)	394737.84N/0894249.21W	796	20	3	1A	250					1060

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM

COVAC

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<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>
TOWER (17-001627)	393943.10N/0895522.00W	1152	500	50	5D	1000				AT548	2700
TERRAIN	393342.00N/0895357.00W	712 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH: LPV

FROM

DA

TO

REYCO

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 641			
<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				2600
TOWER (17-002354)	395921.70N/0893047.90W	1056	50	20	2C	1000					2100
TERRAIN	395848.00N/0893245.00W	627 (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: LNAV/VNAV

FROM

DA

TO

REYCO

RNP 0.30-1.00	DISTANCE	PAT	MAP				HAT	HMAS 664			
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2600
TOWER (17-002354)	395921.70N/0893047.90W	1056	50	20	2C	1000					2100
TERRAIN	395848.00N/0893245.00W	627 (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: LNAV

FROM

RW04

TO

REYCO

RNP 0.30-1.00	DISTANCE	PAT	MAP				HAT	HMAS 730			
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2600
TOWER (17-002354)	395921.70N/0893047.90W	1056	50	20	2C	1000					2100
TERRAIN	395848.00N/0893245.00W	627 (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

SPI

PROCEDURE NAME

RNAV (GPS) RWY 4

AMDT NO.

ORIG-E

CITY

SPRINGFIELD

STATE

IL

AIRPORT ELEVATION

598

FACILITY

RNAV

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											
CRANE (17-041318)	394901.01N/0894019.69W	1.30	462	731	20	3	1A	300		SI	1060
CATEGORY B											
TOWER (17-031393)	394932.00N/0893812.00W	1.83	502	741	250	50	4D	300		AC50	1100
CATEGORY C											
BUILDING (17-000391)	394754.00N/0893917.00W	2.87	762	1000	50	50	2D	300		AC50	1360
CATEGORY D											
TOWER (17-063669)	394941.26N/0893539.99W	3.75	782	1046	20	3	1A	300		XP34	1380

CIRCLING REMARKS:

XP 34 TO MATCH CURRENT PUBLISHED MINIMUMS

MSA

CENTER	RADIUS
RW04	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (17-001475)	394757.00N/0892646.00W	102	11.3	2049	100	20	3C	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

SPI APP CON, SPI TOWER, ZKC ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	SPI	24	SPI	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
AWOS-3	AAA	24	AAA	24.61	Y	58

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
SOURCE: KSPI 598, KAAA 594
RA = 57.1

<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>
RW22 - MALSR (PCL), HIRL (PCL), VASI-4L		PIR-F	ROLL OUT
RW31 - MALSR (PCL), HIRL (PCL), VASI-4L (PCL)		PIR-F	
RW04 - MALSR (PCL), HIRL (PCL), VASI-4L		PIR-G	APPROACH
RW13 - REIL (PCL), HIRL (PCL), PAPI-4R		PIR-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>	<u>TCH</u>
3.00	587.5	56.2			3.00	56.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-16C	+54C	-16C	+13.82C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 979 HIGH TEMP 1270.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

TAA NOT USED, ATC REQUEST.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

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

DISTANCE FROM	THLD	TO 1000FT POINT	3.00
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.65
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	041.57
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	4.57
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	041.57
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD COORDINATES (IF STR-IN)	395012.83N/0894111.19W
ARP COORDINATES	395040.61N/0894039.17W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 22 DISTANCE 0.73 NM
FAF COORDINATES	394622.74N/0894536.01W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
DAVID TEFFETELLER (KAMARUDINI R. RAIMI)	AJV-A433	08/25/2023	AERONAUTICAL INFORMATION SPECIALIST

