

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> HYS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> HAYS	<u>STATE</u> KS
<u>AIRPORT ELEVATION</u> 1999	<u>TDZE</u> 1990	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>DATED</u> 01/27/2022	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
RANSO		IVZOT		TF	FB	1.00	075.42	16.76	4000
DISKS		SUYJE		TF	FB	1.00	297.57	29.70	4000
IVZOT	IAF	UTUCO	NOPT	TF	FB	1.00	129.98	5.00	4000
SUYJE	IAF	UTUCO	NOPT	TF	FB	1.00	310.07	5.00	4000
UTUCO	IF/IAF	WOVEP		TF	FB	1.00	040.03	6.10	3700
WOVEP	FAF	HUTIR/1.90 NM TO RW04		TF	FB	0.30	040.09	3.28	
HUTIR/1.90 NM TO RW04		RW04	MAP	TF	FO	0.30	040.09	1.90	
RW04	MAP	2240 MSL		CA		1.00	040.09		
2240 MSL		HOSNI		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT HOSNI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SW UTUCO, RT, 040.03 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 040.09 FAF: WOVEP DIST FAF TO MAP: 5.18 DIST FAF TO THLD: 5.18
4. MIN ALT: UTUCO 4000, WOVEP 3700, HUTIR/1.90 NM TO RW04 2620
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.67 GS ANT: MM: IM:
6. MIN GP INCPT: 3700 GP ALT AT PFAF: WOVEP 3700
7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 40.0
8. MSA FROM: RW04 4400

QUALITY
13
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RANSO ON V244 SOUTHWEST BOUND.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING RSL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RSL ALTIMETER SETTING: INCREASE LPV DA TO 2309 FEET; INCREASE LNAV/VNAV DA TO 2459 FEET AND VISIBILITY ALL CATS 1/4 SM; INCREASE ALL MDA 80 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.
CHART NOTE: CIRCLING NA FOR CAT D NW OF RWY 4 AND W OF RWY 16.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 220.26 INBOUND.
CHART FAS OBST: 2159 TREE 384819N/0991817W.
CHART VDP AT 1.22 NM TO RW04.
WAAS CHANNEL # 90519
REFERENCE PATH ID: W04A
LTP HAE: 579.5 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	2240	1	250	2240	1	250	2240	1	250	2240	1	250			
LNAV/VNAV DA	2390	1 1/8	400	2390	1 1/8	400	2390	1 1/8	400	2390	1 1/8	400			
LNAV MDA	2420	1	430	2420	1	430	2420	1 1/4	430	2420	1 1/2	430			
CIRCLING	2480	1	481	2480	1	481	2560	1 1/2	561	2680	2 1/4	681			

CHANGES - REASONS

1. CHANGES FROM P-NOTAM FOR ORIG-A INCORPORATED INTO FORM - IAW 8260.19J 8-3-4C(3).
2. 2. PROFILE LINE 2: CHANGED FROM "HOLD SW UTUCO, RT, 040.03 INBOUND, 4000FT. IN LIEU OF PT (IAF)" TO "HOLD SW UTUCO, RT, 040.03 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000" – IAW 8260.19J 8-6-7B.
3. PROFILE LINE 4: CHANGED FROM "HUTIR/1.90 NM TO RW04 2620*" TO "HUTIR/1.90 NM TO RW04 2620" - IAW 8260.19J 8-6-7D.
4. PROFILE LINE 5: ADDED "250 HAT: 0.67" MOVED FROM ADDITIONAL FLIGHT DATA – IAW 8260.19J 8-6-7E.
5. PROFILE LINE 7: ADDED "20:1 IS CLEAR" – IAW 8260.19J 8-6-7G.
6. PROFILE LINE 7: CHANGED FROM "34:1 IS NOT CLEAR" TO "34:1 IS CLEAR" – IAW 8260.19J 8-6-7G.
7. PBN REQUIREMENTS NOTE: ADDED "RNP APCH – GPS" – IAW 8260.19J 8-6-8.
8. NOTES: REMOVED "CHART NOTE: DME/DME RNP -0.3 NA" – NO LONGER REQUIRED.
9. NOTES: CHANGED FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C (0F) OR ABOVE 45°C (113F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C" - IAW 8260.19J 8-6-10R.
10. NOTES: REMOVED "CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA" – 20:1 AND 34:1 ARE CLEAR.
11. NOTES: REMOVED "*LNAV" – NO LONGER REQUIRED.
12. NOTES: CHANGED FROM "CHART NOTE: BARO-VNAV NA WHEN USING RUSSELL ALTIMETER SETTING" TO "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING RSL ALTIMETER SETTING" – IAW 8260.19J 8-6-10
13. ADDITIONAL FLIGHT DATA: REMOVED "CHART FAS OBST: 2008 GRD 385001N/0991642W" – PRECISION FINAL OBSTACLE NO LONGER REQUIRED.
14. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.22 NM TO RW04" – 20:1 SURFACE IS CLEAR.
15. MINIMUMS: UPDATED LNAV/VNAV DA/HAT ALL CATS FROM "2278/288" TO "2390/400" AND VISIBILITY ALL CATS FROM "1" TO "1 1/8" – NEW CONTROLLING OBSTACLE.
16. CRC REMAINDER CHANGED FROM "4A6910D5" TO "CFE6AC2B" - FPAP LATITUDE/LONGITUDE CHANGED FROM "385106.6100N/0991516.3500W" TO "385106.6105N/ 0991516.3630W".



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

ZKC, AMGR, KS STATE AERO

FLIGHT CHECKED BY

LOGAN J SMITH

Digitally signed by

ERIC N SUSKI

Dec 05, 2024

OFFICE

AJF

DATE

11/14/2024

DEVELOPED BY

ERIC N SUSKI (EMMANUEL R. GONZALES)

Digitally signed by

CASIMIR L TABAKA

Oct 22, 2024

OFFICE

AJV-A431

DATE

09/16/2024

APPROVED BY

ERIC N SUSKI

CASIMIR L TABAKA

Oct 22, 2024

OFFICE

AJV-A431

DATE

09/16/2024

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KHYS
RW04
0
0
W04A
385007.0965N
0991641.3000W
+05795
385106.6105N
0991516.3630W
00040.0
F
03.00
106.75
1376
40.0
50.0

CRC REMAINDER

CFE6AC2B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+06055
+06055



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
HYS	RNAV (GPS) RWY 4	ORIG-B	HAYS	KS	1999	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM RANSO **TO** IVZOT

RNP 1.00 **DISTANCE** 16.76 **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 (20-001292)	384337.00N/0995301.00W	2890	50	20	2C	1000					3900
TERRAIN	384033.00N/0995133.00W	2468 (2500)								AS1500	4000

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM DISKS **TO** SUYJE

RNP 1.00 **DISTANCE** 29.70 **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 (20-001935)	382706.00N/0991004.00W	2580	500	50	5D	1000				AT420	4000
TERRAIN	383439.00N/0992421.00W	2209 (2200)								AS1500	3700

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
13
CHECKED

INITIAL

FROM

IVZOT

TO

UTUCO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	5.00				

<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	384336.00N/0993254.00W	2523	164	98	4E	1000				AT447	4000
TERRAIN	384336.00N/0993254.00W	2323 (2300)								AS1500	3800

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

SUYJE

TO

UTUCO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	5.00				

<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	384021.00N/0992836.00W	2346	164	98	4E	1000				AT654	4000
TERRAIN	384021.00N/0992836.00W	2146 (2100)								AS1500	3600

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

UTUCO (IF/IAF)

TO

WOVEP

RNP

1.00

DISTANCE

6.10

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	384430.00N/0993121.00W	2340	164	98	4E	500				AC98 AT762	3700
TERRAIN	384709.00N/0992345.00W	2113 (2100)								AS1500	3600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

WOVEP

TO

RW04

RNP

0.30

DISTANCE

5.18

PAT

MAP

DA

HAT

250

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TERRAIN (20-048670)	385001.40N/0991641.63W	2008	50	20	2C		33.55:1			AC20	2240

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

WOVEP

TO

RW04

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.18		DA				400				
<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	384948.00N/0991806.00W	2102	215	8	4B		23.03:1			AC8	2390

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

WOVEP

TO

HUTIR/1.90 NM TO RW04

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	3.28										
<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	384819.00N/0991816.50W	2159	50	20	2C	250				RA80 DG121	2620

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

HUTIR/1.90 NM TO RW04

TO

RW04

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	1.90		RW04				430				
<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	384819.00N/0991816.50W	2159	50	20	2C	250					2420

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

UTUCO

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>
AAO	384103.00N/0993612.00W	2559	164	98	4E	1000				AT441	4000
TERRAIN	384103.00N/0993612.00W	2359 (2400)								AS1500	3900

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

HOSNI

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 2050			
<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				4000
AAO	385927.00N/0990703.00W	2343	215	8	4B	1000					3400
TERRAIN	385927.00N/0990703.00W	2142 (2100)								AS1500	3600

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

HOSNI

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 2229				
<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				4000
AAO	385927.00N/0990703.00W	2343	215	8	4B	1000					3400
TERRAIN	385927.00N/0990703.00W	2142 (2100)								AS1500	3600

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

HOSNI

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 2320				
<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				4000
AAO	385927.00N/0990703.00W	2343	215	8	4B	1000					3400
TERRAIN	385927.00N/0990703.00W	2142 (2100)								AS1500	3600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID

HYS

PROCEDURE NAME

RNAV (GPS) RWY 4

AMDT NO.

ORIG-B

CITY

HAYS

STATE

KS

AIRPORT ELEVATION

1999

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											
ELEVATOR (20-001207)	385105.00N/0991425.00W	1.32	481	2177	20	10	1B	300			2480
CATEGORY B											
ELEVATOR (20-001207)	385105.00N/0991425.00W	1.88	481	2177	20	10	1B	300			2480
CATEGORY C											
TREE	385357.63N/0991549.34W	2.96	561	2259	50	20	2C	300			2560
CATEGORY D											
AAO	385451.65N/0991617.83W	3.87	681	2372	50	20	2C	300			2680

CIRCLING REMARKS:

MSA

CENTER

RW04

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (20-002575)	383632.00N/0994212.00W	228	24.1	3343	500	50	5D	1000			4400

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZKC ARTCC, ICT FSS

<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>
AWOS-3PT	HYS	24	HYS	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>
ASOS	RSL	24	RSL	21.65	N	69

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KHYS 1999, KRSL 1864
RA = 69.0.

<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>
RW04 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	
RW22 - REIL (PCL), MIRL (PCL), PAPI-4L (PCL)		NPI-G	
RW16 - REIL (PCL), MIRL (PCL), PAPI-4L (PCL)		PIR-G	
RW34 - MALSR (PCL), MIRL (PCL), PAPI-4L (PCL)		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	1986.7	40.0			3.00	41.9

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>
-18C	+54C	-18C	+11.04C

CRITICAL TEMPERATURE REMARKS:

DESCENT RATE (FPM): STANDARD TEMP 995 HIGH TEMP 1295.

"VISUAL PORTION OF FINAL" PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

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.
TAA NOT DEVELOPED PER FPT.
VEGETATION HEIGHT 100 FEET PER FPT.
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	3.37
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	048.09
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	2100
DISTANCE FROM	THLD	TO 1500FT POINT	4.98
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	048.09
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	2100

THRESHOLD COORDINATES (IF STR-IN)	385007.10N/0991641.30W
ARP COORDINATES	385032.00N/0991623.40W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 16 DISTANCE 0.65 NM
FAF COORDINATES	384639.40N/0992137.30W
FIX NAME COORDINATES	

REMARKS

NO ADDITION AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
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