

**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> K78	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> ABILENE	<u>STATE</u> KS		
<u>AIRPORT ELEVATION</u> 1153	<u>TDZE</u> 1153	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 07/16/2020	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 113/30 CW 233/30	NOPT	FINEB	IF/IAF	3400
2. 233/30 CW 353/30		PIGYI	IAF	3400
3. 353/30 CW 113/30		HOSKU	IAF	3400

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PIGYI	IAF	FINEB	NOPT	TF	FB	1.00	233.13	5.00	3400
HOSKU	IAF	FINEB	NOPT	TF	FB	1.00	113.01	5.00	3400
FINEB	IF/IAF	OKADY		TF	FB	1.00	173.07	5.65	2900
OKADY	FAF	WOBLO/3.10 NM TO RW17		TF	FB	0.30	173.07	2.25	
WOBLO/3.10 NM TO RW17		RW17	MAP	TF	FO	0.30	173.07	3.10	
RW17	MAP	1553 MSL		CA			173.07		
1553 MSL		ADELA		DF	FO	1.00			3400

MISSED APPROACH

MAP:

LP: RW17
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3400 DIRECT ADELA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
26
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD N FINEB, RT, 173.07 INBOUND, 3400 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAF: 173.07FAF: OKADYDIST FAF TO MAP: 5.35DIST FAF TO THLD: 5.35
4. MIN ALT: FINEB 3400, OKADY 2900, WOBLO/3.10 NM TO RW17 2180
5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:
6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:
7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: STRAIGHT-IN RWY 17 NA AT NIGHT, CIRCLING RWY 17 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALINA ALTIMETER SETTING AND INCREASE CIRCLING CAT A AND B MDA 80 FT.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 353.07 INBOUND.
CHART FAS OBST: 1359 TOWER (20-001379) 385545N/0971447W, 1323 BUILDING (20-029417) 385530N/0971407W.
1420 AAO 385751N/0971332W.
WAAS CHANNEL # 63234
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
LTP HAE: 322.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 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
LP MDA	1640	1	487	1640	1	487	1640	1 3/8	487		NA				
LNAV MDA	1680	1	527	1680	1	527	1680	1 1/2	527		NA				
CIRCLING	1740	1	587	1740	1	587	1980	2 1/2	827		NA				



CHANGES - REASONS

-ADDITIONAL FLIGHT DATA: REMOVED "WOBLO TO RW17: 3.00/45" AND ADDED NOTE: "VISUAL SEGMENT - OBSTACLES" - FLIGHT INSPECTION VALIDATION, CANCELS T NOTAM 2/4636.
 -PBN/EQUIPMENT REQUIREMENT NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - 8260.19I 8-6-8.
 -REMOVED CHART PROFILE NOTE: "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA.
 -CRC REMAINDER CHANGED FROM C2D9065D TO EB36F7A6 - TCH, GPA, AND VAL CHANGED TO ZERO.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZKC, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE
 FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by
JASON KRETSCHMER
 Sep 19, 2023

DEVELOPED BY

TIMOTHY JOHNSON

Digitally signed by
Timothy Johnson
 Sep 11, 2023

OFFICE

AJV-A421

DATE

07/14/2023

APPROVED BY

JASON KRETSCHMER

Digitally signed by
JASON KRETSCHMER
 Sep 19, 2023

OFFICE

AJV-A421

DATE

11/30/2023

TITLE
 MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	K78
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	385434.8555N
LTP/FTP LONGITUDE	0971409.0420W
LTP/FTP ELLIPSOIDAL HEIGHT	+03225
FPAP LATITUDE	385305.6700N
FPAP LONGITUDE	0971409.1800W
THRESHOLD CROSSING HEIGHT (TCH)	0.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	0.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1504
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	EB36F7A6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03512
FPAP ORTHOMETRIC HEIGHT	+03512

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
K78	RNAV (GPS) RWY 17	1D	ABILENE	KS	1153	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
113/30 CW 233/30

TO
FINEB

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<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>
1.TOWER (20-001167)	390616.00N/0972316.00W	2398	500	50	5D	1000					3400
2.TERRAIN	392536.00N/0973345.00W	1687 (1700)								AS1500	3200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM
233/30 CW 353/30

TO
PIGYI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<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>
3.TOWER (20-001692)	385024.00N/0963332.00W	1929	500	50	5D	1000				AT471	3400
4.TERRAIN	385145.68N/0963246.31W	1565 (1600)								AS1500	3100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM
353/30 CW 113/30

TO
HOSKU

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
1.TOWER (20-001167)	390616.00N/0972316.00W		2398	500	50	5D	1000					3400
5.TERRAIN	391627.00N/0975221.00W		1641 (1600)								AS1500	3100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM
PIGYI

TO
FINEB

RNP	DISTANCE 5.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
6.TOWER (20-000989)	390456.08N/0971104.43W		1571	20	3	1A	1000				AT829	3400
7.TERRAIN	391148.00N/0970639.00W		1359 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM
HOSKU

TO
FINEB

RNP	DISTANCE 5.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8.TOWER (20-000422)	390754.03N/0971959.48W		1749	50	20	2C	1000				AT651	3400
9.TERRAIN	390906.00N/0972245.00W		1487 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
FINEB (IF/IAF)

TO
OKADY

RNP	DISTANCE 5.65	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
6.TOWER (20-000989)	390456.08N/0971104.43W		1571	20	3	1A	500					2100
10.TERRAIN	390651.00N/0971633.00W		1365 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LP

FROM
OKADY

TO
WOBLO/3.10 NM TO RW17

<u>RNP</u>	<u>DISTANCE</u> 2.25	<u>PAT</u>	<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>
11.AAO	385953.00N/0971352.00W		1509	50	20	2C	250				RA67 DG354	2180

COMPUTATIONS

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

FINAL: LP STEPDOWN

FROM
WOBLO/3.10 NM TO RW17

TO
RW17

<u>RNP</u>	<u>DISTANCE</u> 3.10	<u>PAT</u>	<u>MAP</u> RW17	<u>HAT</u> 487			<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>
12.BUILDING (20-029417)	385530.06N/0971406.92W		1323	20	3	1A	250				XP67	1640

COMPUTATIONS

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

XP 67 FEET TO KEEP PREVIOUS MINS - INCLUDES RA67 ADJUSTMENT FROM AMDT1. NOT TO BE APPLIED TO BU ALT NOTES.



FINAL: LNAV

FROM
OKADY

TO
WOBLO/3.10 NM TO RW17

<u>RNP</u>	<u>DISTANCE</u> 2.25	<u>PAT</u>	<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>
11.AAO	385953.00N/0971352.00W		1509	50	20	2C	250				RA67 DG354	2180

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

FINAL: LNAV STEPDOWN

FROM
WOBLO/3.10 NM TO RW17

TO
RW17

<u>RNP</u>	<u>DISTANCE</u> 3.10	<u>PAT</u>	<u>MAP</u> RW17	<u>HAT</u> 527			<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>
13.TOWER (20-001379)	385545.48N/0971446.70W		1359	20	3	1A	250				XP71	1680

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

XP 71 FEET TO KEEP PREVIOUS MINS - INCLUDES RA67 ADJUSTMENT FROM AMDT1. NOT TO BE APPLIED TO BU ALT NOTES.



HOLD-IN-LIEU OF PT

FROM
FINEB

TO
P-5

RNP	DISTANCE	PAT P-5	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8.TOWER (20-000422)	390754.03N/0971959.48W		1749	50	20	2C	1000				DG651	3400
14.TERRAIN	391642.00N/0971542.00W		1457 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LP

FROM
RW17

TO
ADELA

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1540					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3400
15.TOWER (20-001078)	384750.00N/0971302.00W		1770	500	50	5D	1000					2800
16.TERRAIN	384133.00N/0971600.00W		1388 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM

RW17

TO

ADELA

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1580					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3400
15.TOWER (20-001078)	384750.00N/0971302.00W		1770	500	50	5D	1000					2800
16.TERRAIN	384133.00N/0971600.00W		1388 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

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											
17.GRAIN_ELEVATOR (20-058955)	385500.30N/0971238.78W	1.30	587	1375	250	50	4D	300		AC50 XP15	1740
CATEGORY B											
18.TOWER (20-061306)	385249.86N/0971240.81W	1.85	587	1376	250	50	4D	300		AC50 XP14	1740
CATEGORY C											
19.TOWER (20-001758)	385633.00N/0971138.00W	2.90	827	1595	50	20	2C	300		XP85	1980

CIRCLING REMARKS:

XP 15 FEET TO MAINTAIN PREVIOUS MINS. XP 14 FEET TO MAINTAIN PREVIOUS MINS. XP 85 FEET TO KEEP PREVIOUS MINS - INCLUDES RA67 ADJUSTMENT FROM AMDT1. NOT TO BE APPLIED TO BU ALT NOTES.



CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZKC ARTCC, ICT FSS

<u>WX SERVICE</u> AWOS-2	<u>LOCATION</u> KK78	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KK78	<u>DISTANCE</u> 0	<u>SERVICE-A</u> N	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KSLN	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KSLN	<u>DISTANCE</u> 20.67	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 67

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KK78 1152.5, KSLN 1288.0
RA = 66.49.

<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>
RW17 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)		NPI-G	
RW35 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)		NPI-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> 3.75	<u>TCH</u> 40.0
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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>
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CRITICAL TEMPERATURE REMARKS:



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LP, LNAV		
20:1			
1203 TREE (20-034815) 385442.25N/0971410.12W (23.3)		1192 TREE (20-047858) 385443.31N/0971408.65W (6.93)	
1199 TREE (20-034820) 385445.03N/0971410.24W (5.24)		1182 TREE (20-038180) 385441.91N/0971411.86W (4.03)	
1182 TREE (20-034816) 385442.33N/0971407.04W (1.88)			
Final Type	LP, LNAV		
34:1			
1244 TREE (20-034805) 385456.00N/0971413.93W (34.68)		1223 TREE (20-034809) 385452.71N/0971413.61W (23.47)	
1220 TREE (20-034524) 385451.88N/0971408.45W (22.92)		1208 TREE (20-034518) 385449.15N/0971412.11W (19.06)	
1203 TREE (20-040357) 385448.14N/0971407.15W (17.05)		1214 TREE (20-034526) 385452.06N/0971410.42W (16.39)	
1206 TREE (20-047861) 385449.69N/0971410.07W (15.44)		1228 TREE (20-039858) 385457.43N/0971404.72W (14.4)	
1222 TREE (20-034806) 385456.01N/0971412.12W (12.64)		1323 BUILDING (20-029417) 385530.06N/0971406.92W (12.31)	
1206 TREE (20-047862) 385451.03N/0971412.21W (11.46)		1196 TREE (20-047860) 385447.99N/0971409.66W (10.5)	
1209 TREE (20-040902) 385452.39N/0971406.28W (10.4)		1203 TREE (20-039874) 385450.50N/0971406.97W (10.02)	
1212 TREE (20-034796) 385453.76N/0971407.41W (9.33)		1194 TREE (20-034537) 385448.05N/0971405.27W (8.31)	
1203 TREE (20-040901) 385451.08N/0971404.45W (8.29)		1216 TREE (20-039882) 385455.95N/0971407.77W (6.81)	
1224 TREE (20-034774) 385458.66N/0971407.05W (6.74)		1205 TREE (20-034808) 385452.55N/0971404.17W (5.92)	
1209 TREE (20-034797) 385454.00N/0971408.73W (5.61)		1209 TREE (20-038221) 385454.06N/0971411.98W (5.45)	
1218 TREE (20-039507) 385457.22N/0971406.94W (5.03)		1225 TREE (20-039859) 385459.61N/0971415.11W (4.94)	
1209 TREE (20-039068) 385454.52N/0971405.23W (4.06)		1219 TREE (20-034772) 385458.02N/0971414.00W (3.67)	
1211 TREE (20-047857) 385455.41N/0971409.13W (3.42)		1221 TREE (20-034776) 385458.80N/0971405.06W (3.32)	
1217 TREE (20-037378) 385457.75N/0971411.66W (2.46)			

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS



PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - 20:1 PENETRATIONS.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PROCEDURE ORIGINALLY DEVELOPED WITH RASS ADJUSTMENT. LOCAL WEATHER ESTABLISHED PRIOR TO AMDT 1C. NEW CONTROLLING OBSTACLES FOUND FOR CIRCLING CAT A AND B WHICH EXCEEDED RASS ADJUSTMENT. BACK UP WEATHER NOTE AMENDED FOR CIRCLING CAT A AND B ONLY.

FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA.
COMPUTED PROCEDURE VDA/TCH: 3.00/45.00, REMOVED PER FLIGHT INSPECTON

ORDER 8260.3 CHAPTER 2 APPLIED TO 1420 AAO 385751.00N/0971332.00W.

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	3.35
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.68
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	180.07
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1300
DISTANCE FROM	THLD	TO 1500FT POINT	5.15
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.00
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	180.07
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1300

THRESHOLD
COORDINATES
(IF STR-IN) 385434.86N/0971409.04W

ARP COORDINATES 385414.60N/0971409.10W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP RUNWAY 35 DISTANCE 0.34 NM

FAF
COORDINATES 385955.95N/0971408.54W

FIX NAME
COORDINATES

REMARKS
TAA: HOSKU (IAF) 390805.80N/0971941.67W; PIGYI (IAF) 390805.17N/0970833.86W; FINEB (IF/IAF) 390535.48N/0971408.00W.
RADIUS: 30NM.
NO ADDITIONAL AIRSPACE REQUIRED.



PART E: PREPARED BY

<u>NAME</u> TIMOTHY JOHNSON	<u>OFFICE</u> AJV-A421	<u>DATE</u> 07/14/2023	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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