

**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><b>AIRPORT ID</b></u> KTUL	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 36L	<u><b>ORIGINAL/AMENDMENT</b></u> 2	<u><b>CITY</b></u> TULSA	<u><b>STATE</b></u> OK		
<u><b>AIRPORT ELEVATION</b></u> 678	<u><b>TDZE</b></u> 678	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 36L	<u><b>ORIGINAL/AMENDMENT</b></u> 1	<u><b>DATED</b></u> 05/19/2022	<u><b>MAG VAR</b></u> 3E	<u><b>EPOCH YEAR</b></u> 2020
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u>	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TAA**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>ALTITUDE</b>
1. 270/30 CW 090/30	NOPT	SUSNE	IF/IAF	3600
2. 090/30 CW 180/30		WUSPA	IAF	3600
3. 180/30 CW 270/30		ZULEN	IAF	3600

**TERMINAL ROUTES**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>LEG TYPE</b>	<b>FO/FB</b>	<b>RNP</b>	<b>COURSE</b>	<b>DISTANCE</b>	<b>ALTITUDE</b>
WUSPA	IAF	SUSNE	NOPT	TF	FB	1.00	090.00	7.00	3600
ZULEN	IAF	SUSNE	NOPT	TF	FB	1.00	270.16	7.00	3600
SUSNE	IF/IAF	PASIE		TF	FB	1.00	000.08	6.90	2400
PASIE	FAF	TREEO/1.69 NM TO RW36L		TF	FB	0.30	000.08	3.58	
TREEO/1.69 NM TO RW36L		RW36L	MAP	TF	FO	0.30	000.08	1.69	
RW36L	MAP	928 MSL		CA			000.08		
928 MSL		AXIWU		DF	FO	1.00			3500

**MISSED APPROACH****MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW36L

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3500 DIRECT AXIWU AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:****PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD S SUSNE, RT, 000.08 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 17500.					
3. FAC:	000.08	FAF: PASIE	DIST FAF TO MAP: 5.27		DIST FAF TO THLD: 5.27
4. MIN ALT: SUSNE 3600, PASIE 2400, TREEO/1.69 NM TO RW36L 1260					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.65	GS ANT:
6. MIN GP INCPT: 2400	GP ALT AT PFAF : PASIE 2400		OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 45.0		
8. MSA FROM:					

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14°C OR ABOVE 54°C.  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

**ADDITIONAL FLIGHT DATA:**

WAAS CHANNEL # 50344  
REFERENCE PATH ID: W36B  
HOLD N, RT, 180.09 INBOUND.  
CHART FAS OBST: 845 TOWER (40-020215) 360942N/0955420W.  
CHART 1031 TOWER 360609N/0955440W.  
CHART CIRCLING ICON.  
LTP HAE: 177.4 M

**MINIMUMS:**

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4

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	928	3/4	250	928	3/4	250	928	3/4	250	928	3/4	250			
LNAV/VNAV DA	1088	1 1/8	410	1088	1 1/8	410	1088	1 1/8	410	1088	1 1/8	410			
LNAV MDA	1120	1	442	1120	1	442	1120	1 3/8	442	1120	1 3/8	442			
CIRCLING	1120	1	442	1160	1	482	1500	2 1/2	822	1520	2 3/4	842			

**CHANGES - REASONS**

1. CHANGED NOTE FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C OR ABOVE 54C TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C OR ABOVE 54C - REVISED HISTORICAL TEMPERATURE AND IAW 8260.19I 8-6-9.
2. CHANGED FAS DATA BLOCK REFERENCE PATH IDENTIFIER (APPROACH ID) FROM W36A TO W36B - CORRECT CHARTING ERROR REFERENCE 36A USED ON THE RNAV (GPS) RWY 36R PROCEDURE IAW 8260.19I APPENDIX K.
3. RAISED LNAV/VNAV DA/HAT FROM 1086/408 TO 1088/410 - LNAV/VNAV SLOPE CHANGED REFERENCE HISTORICAL TEMPS CHANGE.
4. CHANGED CRC REMAINDER FROM 1547455C TO 2BCD533D - REFERENCE PATH IDENTIFIER (APPROACH ID) CHANGE.
5. REMOVED VDP IAW 8260.3E 2-6-5 - VDP WAS WITHIN 0.5 NM OF NEW STEPDOWN FIX IN FINAL.
6. ADDED STEPDOWN FIX (TREEO) IN FINAL TO RETAIN CURENTLY PUBLISHED LNAV MDA-HIGH TERRAIN AND AAO WERE OVERLOOKED ON PREVIOUS REVISION.
7. CHANGED "CHART FAS OBS: 866 TOWER (40-003400) 360844N/0955407W" TO "CHART FAS OBST: 845 TOWER (40-020215) 360942N/0955420W" - NEW CONTROLLING OBSTACLE.

**COORDINATED WITH:**A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZKC, ZFW, ZMW, TUL APP CON, TUL ATCT, AMGR**FLIGHT CHECKED BY**

MICHAEL J LAWRENCE

Digitally signed by

CASIMIR L TABAKA

May 01, 2023

**OFFICE**

FPO

**DATE**

04/25/2023

**DEVELOPED BY**

STEVEN M. BARNETT (CHARKETA BUIE)

Digitally signed by

CASIMIR L TABAKA

May 01, 2023

**OFFICE**

AJV-A433

**DATE**

01/18/2023

**APPROVED BY**

DAVID TEFFETELLER

Digitally signed by

CASIMIR L TABAKA

May 01, 2023

**OFFICE**

AJV-A433

**DATE****TITLE**  
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTUL
RUNWAY	RW36L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36B
LTP/FTP LATITUDE	361125.7555N
LTP/FTP LONGITUDE	0955400.7335W
LTP/FTP ELLIPSOIDAL HEIGHT	+01774
FPAP LATITUDE	361254.8520N
FPAP LONGITUDE	0955354.8040W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0888
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2BCD533D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02064
FPAP ORTHOMETRIC HEIGHT	+02064

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

<u>AIRPORT ID</u> KTUL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36L	<u>AMDT NO.</u> 2	<u>CITY</u> TULSA	<u>STATE</u> OK	<u>AIRPORT ELEVATION</u> 678	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM  
270/30 CW 090/30

TO  
SUSNE

<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>
												TOWER (40-001117)	360115.00N/0954033.00W	2549	500	50	5D	1000					3600
												TERRAIN	355630.00N/0963106.00W	1092 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

LEFT BASE AREA

FROM  
090/30 CW 180/30

TO  
WUSPA

<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>
												TOWER (40-000184)	361146.52N/0960552.96W	2303	20	10	1B	1000				AT297	3600
												TERRAIN	361730.00N/0962003.00W	1076 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

180/30 CW 270/30

TO

ZULEN

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (40-001117)	360115.00N/0954033.00W		2549	500	50	5D	1000					3600
TERRAIN	362342.00N/0952551.00W		964 (1000)								AS1500	2500

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

INITIAL

FROM

WUSPA

TO

SUSNE

<u>RNP</u>	<u>DISTANCE</u> 7.00	<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>
BLDG_TWR (40-000753)	360235.00N/0955714.00W		1323	20	3	1A	1000				AT1277	3600
TERRAIN	355757.00N/0960236.00W		875 (900)								AS1500	2400

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



INITIAL

FROM

ZULEN

TO

SUSNE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	7.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	355839.00N/0955709.00W		975	164	98	4E	1000				AT1625	3600
TERRAIN	360048.00N/0954818.00W		734 (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

SUSNE (IF/IAF)

TO

PASIE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	6.90											
<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>
BLDG_TWR (40-000753)	360235.00N/0955714.00W		1323	20	3	1A	500					1900
TERRAIN	360224.00N/0955424.00W		889 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM  
PASIE

TO  
RW36L

RNP	DISTANCE 5.27	PAT	MAP DA	HAT 250	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (40-055113)	361112.26N/0955403.01W		710	20	3	1A		34:1				928

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/VNAV

FROM  
PASIE

TO  
RW36L

RNP	DISTANCE 5.27	PAT	MAP DA	HAT 410	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	361028.51N/0955440.86W		789	50	20	2C		23.19:1			AC20	1088

COMPUTATIONS

TF TURN FIX	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

FROM  
PASIE

TO  
TREEO/1.69 NM TO RW36L

RNP	DISTANCE 3.58	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	360749.05N/0955458.66W		1000	50	20	2C	250					1260

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  
TREEO/1.69 NM TO RW36L

TO  
RW36L

RNP	DISTANCE 1.69	PAT	MAP RW36L	HAT 442			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (40-020215)	360941.70N/0955420.38W		845	20	3	1A	250				DG25	1120

COMPUTATIONS

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



HOLD-IN-LIEU OF PT

FROM

SUSNE

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
BLDG_TWR (40-000753)	360235.00N/0955714.00W		1323	20	3	1A	1000				AT1277	3600
TERRAIN	355048.00N/0954942.00W		895 (900)								AS1500	2400

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

AXIWU

RNP	DISTANCE	PAT	MAP	HAT			HMAS				
								740			
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3500
TOWER (40-001449)	361646.00N/0955539.00W	1020	500	50	5D	1000					2100
TERRAIN	362336.00N/0955539.00W	757 (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/VNAV

FROM  
DA

TO  
AXIWU

RNP	DISTANCE	PAT	MAP	HAT			HMAS 927					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3500
TOWER (40-001449)	361646.00N/0955539.00W		1020	500	50	5D	1000					2100
TERRAIN	362336.00N/0955539.00W		757 (800)								AS1500	2300

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

MISSED APPROACH : LNAV

FROM  
RW36L

TO  
AXIWU

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1020					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3500
TOWER (40-001449)	361646.00N/0955539.00W		1020	500	50	5D	1000					2100
TERRAIN	362336.00N/0955539.00W		757 (800)								AS1500	2300

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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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											
ANTENNA (40-032373)	361032.93N/0955456.94W	1.30	442	818	20	10	1B	300			1120
CATEGORY B											
TOWER (40-020215)	360941.70N/0955420.38W	1.83	482	845	20	3	1A	300			1160
CATEGORY C											
TOWER (40-002103)	361010.02N/0955710.85W	2.88	822	1147	250	50	4D	300		AC50	1500
CATEGORY D											
TOWER (40-000449)	361018.00N/0955721.00W	3.76	842	1152	500	50	5D	300		AC50	1520

CIRCLING REMARKS:

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
TUL APP CON, TUL TOWER

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KTUL	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KTUL	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 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>

WX REMARKS:  
BACKUP ALTIMETER SOURCE NOT USED, REDUNDANT SOURCES ON AIRFIELD.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW08 - HIRL, REIL, PAPI-4L	NPI-G	
RW26 - MALSR, HIRL, PAPI-4L	NPI-G	
RW18L - MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW18R - HIRL, REIL, PAPI-4L	PIR-G	
RW36L - HIRL, REIL, PAPI-4L	PIR-G	
RW36R - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 677.2	<u>TCH</u> 45.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 45.0
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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

<u>CRITICAL LOW</u> -14C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -14C	<u>APT ISA</u> +13.66C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2018-2022).  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 964 HIGH TEMP 1271.



**"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:**  
VDP NOT ESTABLISHED - LOCATED WITHIN 0.5NM FROM FIX..  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
AVERAGE VEGETATION ASSUMED TO BE 100 FT PER FPT.  
ORDER 8260.3 CHAPTER 2 APPLIED TO 1031 TOWER (40-000984) 360609.00N/0955440.00W.  
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	3.38
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	003.08
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	800
DISTANCE FROM	THLD	TO 1500FT POINT	5.07
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	003.08
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	800

THRESHOLD  
COORDINATES  
(IF STR-IN)361125.76N/0955400.73W

ARP COORDINATES361154.22N/0955317.18W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 18L DISTANCE 0.99 NM

FAF  
COORDINATES360609.65N/0955421.74W

FIX NAME  
COORDINATESIF/IAF SUSNE: 355915.58N/0955449.20W, IAF WUSPA: 355937.87N/0960326.03W, IAF ZULEN: 355852.67N/0954612.45W

REMARKS

TAA INFORMATION: IF/IAF 270/30 IF/IAF SUSNE 355915.58N 0955449.20W 30 NM RADIUS, IAF WUSPA 355937.87N 0960326.03W 30 NM RADIUS, IAF ZULEN 355852.67N 0954612.45W 30 NM RADIUS



PART E: PREPARED BY

<u>NAME</u> STEVEN M. BARNETT (CHARKETA BUIE)	<u>OFFICE</u> AJV-A433	<u>DATE</u> 01/18/2023	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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