

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> LEX	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> LEXINGTON	<u>STATE</u> KY
<u>AIRPORT ELEVATION</u> 980	<u>TDZE</u> 969	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 01/25/2024
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 4W
				<u>EPOCH YEAR</u> 1995
				<u>CANCEL/SUSPEND</u>

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 316/30 CW 135/30	NOPT	316/5 CW 135/5		3100
2. 316/5 CW 135/5		RYYYY	IF/IAF	3000
3. 135/30 CW 225/30		UUKAY	IAF	3000
4. 225/30 CW 316/30		FRNZI	IAF	3100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
FRNZI	IAF	RYYYY	NOPT	TF	FB	1.00	315.54	7.00	3000
UUKAY	IAF	RYYYY	NOPT	TF	FB	1.00	135.41	7.00	3000
RYYYY	IF/IAF	BLAYD		TF	FB	1.00	045.47	5.24	2500
BLAYD	FAF	JELID/1.51 NM TO RW04		TF	FB	0.30	045.52	3.20	
JELID/1.51 NM TO RW04		RW04	MAP	TF	FO	0.30	045.52	1.51	
RW04	MAP	1169 MSL		CA			045.52		
1169 MSL		KAYFC		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT KAYFC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SW RYYYY, RT, 045.47 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	045.52	FAF:	BLAYD	DIST FAF TO MAP:	4.71	DIST FAF TO THLD:	4.71							
4.	MIN ALT:	RYYYY 3000, BLAYD 2500, JELID/1.51 NM TO RW04 1480													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		200 HAT:	0.53	GS ANT:				
6.	MIN GP INCPT:	2500	GP ALT AT PFAF:	BLAYD 2500			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	59.7							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13°C OR ABOVE 54°C.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 5500, AND LNAV ALL CATS VISIBILITY TO RVR 5500.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 225.66 INBOUND.  
CHART FAS OBST: 1078 POLE (21-001682) 380058N/0843718W.  
WAAS CHANNEL # 70401  
REFERENCE PATH ID: W04A  
CHART CIRCLING ICON.  
LTP HAE: 253.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	1169	1800	200	1169	1800	200	1169	1800	200	1169	1800	200			
LNAV/VNAV DA	1340	3500	371	1340	3500	371	1340	3500	371	1340	3500	371			
LNAV MDA	1340	2400	371	1340	2400	371	1340	3500	371	1340	3500	371			
CIRCLING	1420	1	440	1440	1	460	1520	1 1/2	540	1600	2	620			



CHANGES - REASONS

-TAA SEGMENT #1 CHANGED FROM “316/30 CW 135/30, RYYYY, IF/IAF 3200” TO “316/30 CW 135/30, 316/5 CW 135/5, 3100”. - NEW CONTROLLING OBSTACLE, AND STEPDOWN ADDITIONS.  
-TAA SEGMENT #2 ADDED 316/5 CW 135/5, RYYYY, IF/IAF, 3000. – PER FPT, NEW TAA ALTITUDES.  
-TAA SEGMENT AT UUKAY CHANGED FROM 3200 TO 3000. - PER FPT, NEW TAA ALTITUDES.  
-TAA SEGMENT AT FRNZI CHANGED FROM 3200 TO 3100. - PER FPT, NEW TAA ALTITUDES.  
-TERMINAL ROUTES: FRNZI TO RYYYY ALTITUDE CHANGED FROM 3200 TO 3000. - PER FPT, REDUCE TAA/INITIAL/INTERMEDIATE/HIL ALTITUDE FROM 3200 TO 3000.  
-TERMINAL ROUTE: UUKAY TO RYYYY ALTITUDE CHANGED FROM 3200 TO 3000. - PER FPT, REDUCE TAA/INITIAL/INTERMEDIATE/HIL ALTITUDE FROM 3200 TO 3000.  
-MISSED APPROACH INSTRUCTION: TERMINATION ALTITUDE CHANGED FROM 3200 TO 3000. – TO MATCH MISSED APPROACH HOLDING ALTITUDE REDUCTION. - PER FPT, REDUCE TAA/INITIAL/INTERMEDIATE/HIL ALTITUDE FROM 3200 TO 3000.  
-MISSED APPROACH INSTRUCTIONS: REMOVED CONTINUE CLIMB-IN-HOLD TO 3200. - NO LONGER REQUIRED WITH LOWER HOLDING ALT.  
-PROFILE LINE 2: HIL AT RYYYY ALTITUDE CHANGED FROM 3200 TO 3000. – PER FPT, REDUCE TAA/INITIAL/INTERMEDIATE/HIL ALTITUDE FROM 3200 TO 3000.  
-PROFILE LINE 4: MIN ALT AT RYYYY CHANGED FROM 3200 TO 3000. - PER FPT, REDUCE TAA/INITIAL/INTERMEDIATE ALTITUDE FROM 3200 TO 3000  
-REMOVED NOTES REFERENCING FRANKFORT ALTIMETER SETTING TO BACK OF 8260-9, FOR CONTINGENCY PURPOSES. – IAW 8260.19I 8-6-9 F(3).  
-NOTES: CHANGED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, FROM "LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C." TO CHART NOTE: FOR "UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13°C OR ABOVE 54°C." - UPDATED CALCULATION PER LATEST AVAILABLE HISTORICAL DATA (2019-2023)  
- CRC REMAINDER CHANGED FROM 36CB9324 TO B53FB7EE. - LTP/FTP AND FPAP LAT/LONGS UPDATED.  
-APT ELEVATION CHANGED FROM 979 TO 980, REDUCING CIRC HAA'S 1 FT. - PENDING AIRPORT DATA USED.

08/23/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/09/24.  
1. REMOVED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: ZID, LEX APP CON, LEX ATCT, AMGR

<div>FLIGHT CHECKED BY</div> <div>GEORGE EDWARD SEARLES</div>	<div>Digitally signed by</div> <div>DAVID DANNER</div> <div>Aug 26, 2024</div>	<div>OFFICE</div> <div>FIOG</div>	<div>DATE</div> <div>08/07/2024</div>
<div>DEVELOPED BY</div> <div>LEO PALMER</div>	<div>Digitally signed by</div> <div>LEO PALMER</div> <div>Aug 23, 2024</div>	<div>OFFICE</div> <div>AJV-A421</div>	<div>DATE</div> <div>02/20/2024</div>
<div>APPROVED BY</div> <div>DAVID DANNER</div>	<div>Digitally signed by</div> <div>DAVID DANNER</div> <div>Aug 26, 2024</div>	<div>OFFICE</div> <div>AJV-A420</div>	<div>DATE</div> <div></div> <div>TITLE</div> <div>MANAGER</div>



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLEX
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	380139.6840N
LTP/FTP LONGITUDE	0843654.3870W
LTP/FTP ELLIPSOIDAL HEIGHT	+02532
FPAP LATITUDE	380246.4195N
FPAP LONGITUDE	0843539.5570W
THRESHOLD CROSSING HEIGHT (TCH)	00059.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	B53FB7EE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02865
FPAP ORTHOMETRIC HEIGHT	+02865



# 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>
LEX	RNAV (GPS) RWY 4	3	LEXINGTON	KY	980	RNAV

## PART A: OBSTRUCTION DATA SEGMENTS

### STRAIGHT-IN AREA

**FROM** 316/30 CW 135/30 **TO** 316/5 CW 135/5

<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 (21-000907)	374718.00N/0844049.00W	2043	500	50	5D	1000					3100
TERRAIN	373112.00N/0845212.00W	1476 (1500)								AS1500	3000

### COMPUTATIONS

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

### SEGMENT REMARKS:

### STRAIGHT-IN AREA

**FROM** 316/5 CW 135/5 **TO** RYYYYE

<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 (21-002044)	374730.30N/0844254.40W	1307	250	50	4D	1000				AT693	3000
TERRAIN	375112.00N/0844845.00W	980 (1000)								AS1500	2500

### COMPUTATIONS

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

### SEGMENT REMARKS:



LEFT BASE AREA

FROM

135/30 CW 225/30

TO

UUKAY

<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 (21-000335)	381058.10N/0850628.35W	1649	250	50	4D	1000				AT351	3000
TERRAIN	381039.00N/0850642.00W	1187 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM

225/30 CW 316/30

TO

FRNZI

<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 (21-002125)	375250.86N/0841915.94W	2049	500	50	5D	1000					3100
TERRAIN	373118.00N/0841027.00W	1614 (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

FRNZI

TO

RYYYY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	7.00										
<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>
TOWER (21-020241)	374848.82N/0843928.02W	1313	500	50	5D	1000				AT687	3000
TERRAIN	375024.00N/0844033.00W	984 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

UUKAY

TO

RYYYY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	7.00										
<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>
TOWER (21-002156)	375910.48N/0845249.12W	1164	500	50	5D	1000				AT836	3000
TERRAIN	375727.00N/0844942.00W	925 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

RYYYE (IF/IAF)

TO

BLAYD

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
1.00	5.24										
<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	375406.00N/0844333.00W	1165	215	8	4B	500					1700
TERRAIN	375406.00N/0844333.00W	964 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

BLAYD

TO

RW04

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	4.71		DA				200				
<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				1169

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:





FINAL: LNAV/VNAV

FROM

BLAYD

TO

RW04

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.71		DA		371						
<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	380027.00N/0843121.00W	1075	215	8	4B		23.34:1			AC8	1340

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

DA BASED ON EVALUATION OF SLOPING OCS IS 1389; HOWEVER, THE 1340 LNAV MDA WAS USED IAW 8260.58C 3-3-5.

FINAL: LNAV

FROM

BLAYD

TO

JELID/1.51 NM TO RW04

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.20										
<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	375849.94N/0843906.15W	1150	50	20	2C	250				RA80	1480

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

JELID/1.51 NM TO RW04

TO

RW04

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	1.51		RW04	371	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
POLE (21-001682)	380058.13N/0843717.76W	1078	20	3	1A	250					1340

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

RYYYE

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-5			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-001800)	375035.53N/0844042.24W	1278	20	3	1A	1000				AT722	3000
TERRAIN	374642.00N/0844524.00W	1000 (1000)								AS1500	2500

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

KAYFC

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 986				
<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				3000
TOWER (21-000127)	380724.00N/0842637.00W	1617	250	50	4D	1000				SA-135	2500
TERRAIN	380221.00N/0843430.00W	997 (1000)								AS1500	2500

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

KAYFC

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1179				
<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				3000
TOWER (21-000127)	380724.00N/0842637.00W	1617	250	50	4D	1000				SA-135	2500
TERRAIN	380221.00N/0843430.00W	997 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW04

TO

KAYFC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00										1240	
<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				3000
TOWER (21-000127)	380724.00N/0842637.00W	1617	250	50	4D	1000				SA-135	2500
TERRAIN	380221.00N/0843430.00W	997 (1000)								AS1500	2500

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											
WATER_TOWER (21-034121)	380310.07N/0843626.80W	1.30	440	1112	20	10	1B	300			1420
CATEGORY B											
WATER_TOWER (21-034121)	380310.07N/0843626.80W	1.84	460	1112	20	10	1B	300		HAA	1440
CATEGORY C											
ANTENNA (21-052343)	380243.12N/0843930.05W	2.89	540	1215	20	3	1A	300			1520
CATEGORY D											
TOWER (21-000894)	380339.00N/0843128.00W	3.78	620	1249	500	50	5D	300		AC50	1600

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

100 FT VEGETATION HEIGHT PER FPT

FOR CONTINGENCY PURPOSES:  
-WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FFT ALTIMETER SETTING AND INCREASE LPV DA TO 1231 FEET; INCREASE LNAV/VNAV DA TO 1402 FEET; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D TO RVR 4500 AND CIRCLING VISIBILITY CAT C/D 1/4 SM.  
- FOR INOPERATIVE ALS WHEN USING FFT ALTIMETER SETTING, INCREASE LPV VISIBILITY CALL CATS TO RVR 4500, LNAV CAT A/B VISIBILITY TO RVR 5500.  
-BARO-VNAV NA WHEN USING FFT ALTIMETER SETTING.  
**PART B: SUPPLEMENTAL DATA**

COMMUNICATIONS WITH

LEX APP CON, LEX TOWER, ZID ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	LEX	24	LEX	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	FFT	24	FFT	16.56	Y	62

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME  
KLEX 980, KFFT 812  
RA = 61.6

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW09 - REIL, MIRL, PAPI-4L		NPI-G	
RW27 - MIRL, REIL, PAPI-4L		NPI-G	
RW04 - MALSR, C/LINE, HIRL, TDZ, PAPI-4L		PIR-G	APPROACH
RW22 - HIRL, C/LINE (PCL), REIL, PAPI-4L		PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	940.0	59.7			3.00	60.0

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

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-13C	+54C	-13C	+13.06C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2019-2023).  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 968 HIGH TEMP 1277.



"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV, LNAV/VNAV, LNAV		
34:1			
947 POLE (21-052138) 380136.73N/0843657.71W (1.13)			
FINAL TYPE	RWY 27: CIRCLING		
20:1			
1014 TOWER (21-021530) 380225.37N/0843607.39W (16.2)		1013 ANTENNA (21-091881) 380225.37N/0843607.36W (15.09)	
PENETRATIONS REMARKS:			
RWY 27 CIRCLING PENETRATIONS CONFIRMED TO BE FIX-BY-FUNCTION AND ARE LIT. RWY 4, 34:1 PENETRATION IS PART OF THE MALSR APPROACH LIGHTING SYSTEM AND IS DEREGARED PER THE 8260.3.			

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 - VDP LOCATED WITHIN 0.5 NM FROM FINAL FIX.  
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	3.14
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	41.52
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000
DISTANCE FROM	THLD	TO 1500FT POINT	4.71
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	41.52
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1000

THRESHOLD COORDINATES (IF STR-IN)	380139.68N/0843654.39W
ARP COORDINATES	380212.27N/0843631.02W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 4 DISTANCE 0.62 NM
FAF COORDINATES	375807.88N/0844051.53W
FIX NAME COORDINATES	IF/IAF RYYYY 375412.13N/0844514.85W, IAF UUKAY 375850.42N/0845152.86W, IAF FRNZI 374933.47N/0843837.67W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.  
30 NM RADIUS APPLIED AT TAA FIXES RYYYY, UUKAY, FRNZI

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
LEO PALMER	AJV-A421	02/20/2024	AERONAUTICAL INFORMATION SPECIALIST

