

**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> LBO	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> LEBANON	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 1321	<u>TDZE</u> 1321	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>DATED</u> 06/16/2022	<u>MAG VAR</u> 3E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1990
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 269/30 CW 089/30	NOPT	269/18 CW 089/18		4600
2. 269/18 CW 089/18		PYLER	IF/IAF	3500
3. 089/30 CW 179/30		OLDIE	IAF	3500
4. 179/30 CW 269/30		MMATT	IAF	3500

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>
MMATT	IAF	PYLER	NOPT	TF	FB	1.00	268.77	5.00	3500
OLDIE	IAF	PYLER	NOPT	TF	FB	1.00	088.65	5.00	3500
PYLER	IF/IAF	SOAKS		TF	FB	1.00	358.69	6.60	2700
SOAKS	FAF	JANTO/2.01 NM TO RW36		TF	FB	0.30	358.69	2.20	
JANTO/2.01 NM TO RW36		RW36	MAP	TF	FO	0.30	358.69	2.01	
RW36	MAP	1592 MSL		CA		1.00	358.69		
1592 MSL		WIKGI		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT WIKGI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD S PYLER, LT, 358.69 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	358.69	FAF:	SOAKS	DIST FAF TO MAP:	4.21	DIST FAF TO THLD:	4.21							
4.	MIN ALT:	PYLER 3500, SOAKS 2700, JANTO/2.01 NM TO RW36 2000													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		271 HAT:	0.73	GS ANT:				
6.	MIN GP INCPT:	2700	GP ALT AT PFAF:	SOAKS 2700			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	40.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING OZS ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OZS ALTIMETER SETTING: INCREASE LNAV/VNAV DA TO 1675 FEET; INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CATS C AND D 3/8 SM, AND CIRCLING VISIBILITY CATS C AND D 1/2 SM.
CHART SPEED ICON IN PLANVIEW AT MMATT: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT OLDIE: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 178.70 INBOUND.
FAS OBST: 1423 TREE 373836N/0923906W.
CHART CANNON A AND B MOA.
CHART R-4501 A, B, C, D, E, F, H.
CHART VDP AT 1.00 NM TO RW36.

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
LNAV/VNAV DA	1592	1	271	1592	1	271	1592	1	271	1592	1	271			
LNAV MDA	1680	1	359	1680	1	359	1680	1	359	1680	1	359			
CIRCLING	1780	1	459	1860	1	539	1980	1 3/4	659	1980	2	659			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAMS FOR AMDT ORIG-A/B/C INTO FORM - 8260.19J PARA 8-3-4.C (3).
2. TAA, STRAIGHT-IN: DELETED ALL STRAIGHT-IN SECTORS - REPLACED BY REDESIGNED 180-DEGREE SECTORS.
3. TAA, STRAIGHT-IN: ADDED SECTOR 269/30 CW 089/30 TO 269/18 CW 089/18 - FPT REQUEST.
4. TAA, STRAIGHT-IN: ADDED STEPDOWN SECTOR 269/18 CW 089/18 TO PYLER - FPT REQUEST.
5. TAA, RIGHT BASE SECTOR 089 CW 179: CHANGED IAF FIX NAME FROM EXDUW TO OLDIE - FPT REQUEST.
6. TAA, LEFT BASE SECTOR 179 CW 269: EXPANDED RADIUS FROM 15 NM TO 30 NM AND CHANGED IAF FIX NAME FROM RUXJY TO MMATT - STANDARD RADIUS IS 30 NM, 8250.58C PARA. 2-4-3.B. AND FPT REQUEST.
7. TERMINAL ROUTES, ALL SEGMENTS: ADDED RNP VALUES - 8260.19J PARA. 8-6-4.A.(6)(B).
8. TERMINAL ROUTES, INITIAL MMATT TO PYLER: CHANGED IAF FIX NAME FROM RUXJY TO MMATT - FPT REQUEST.
9. TERMINAL ROUTES, INITIAL OLDIE TO PYLER: CHANGED IAF FIX NAME FROM EXDUW TO OLDIE - FPT REQUEST.
10. TERMINAL ROUTES, INTERMEDIATE PYLER TO SOAKS: RELOCATED PYLER, RELOCATED FAF AND CHANGED NAME FROM KUPIW TO SOAKS, CHANGED COURSE FROM 358.71 TO 358.69, AND CHANGED DISTANCE FROM 6.65 TO 6.60 NM - RELOCATION OF FAF DUE TO NEW TCH AND PFAF CALCULATION, RELOCATION OF PYLER TO REALIGN WITH NEW FAF, AND FPT REQUEST.
11. TERMINAL ROUTES: ADDED FINAL SEGMENTS FROM SOAKS TO JANTO AND JANTO TO RW18 - 8260.19J PARA. 8-6-4.
12. TERMINAL ROUTES: ADDED FINAL STEPDOWN FIX JANTO - TO MAINTAIN PUBLISHED LNAV MDA WITH NEW AAO CONTROLLING OBSTACLE, FPT REQUEST.
13. TERMINAL ROUTES, MISSED APPROACH RW36 TO ULIKY: CHANGED FROM SINGLE TF SEGMENT TO CA SEGMENT FOLLOWED BY DF SEGMENT, AND CHANGED CLEARANCE LIMIT FROM ULIKY TO WIKGI - CA-DF STRUCTURE REQUIRED FOR RNAV MISSED, AND RNAV HOLDING NOT AUTHORIZED AT A FAF (ULIKY), 8260.58C PARA. 3-5-2 AND 8260.19J PARA. 8-6-6.G.(5).
14. MISSED APPROACH, MAP - DELETED REFERENCE TO GLS - REMOVED GLS LINE OF MINIMA, FPT REQUEST.
15. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 3500 DIRECT ULIKY AND HOLD" TO "CLIMB TO 3500 DIRECT WIKGI AND HOLD" - CLEARANCE LIMIT CHANGE FROM ULIKY TO WIKGI.
16. PROFILE LINE 2: CHANGED HILPT COURSE FROM 358.71 TO 358.69 AND ADDED MAX ALTITUDE 6000 - MATCH NEW INTERMEDIATE COURSE FROM PYLER, AND 8260.19J PARA. 8-6-7.B.(2).
17. PROFILE LINE 3: CHANGED FAC FROM 358.71 TO 358.69 AND FAF NAME FROM KUPIW TO SOAKS, ADDED DIST FAF TO MAP 4.21 NM, AND CHANGED DIST FAF TO THLD FROM 4.16 TO 4.21 NM - RELOCATION OF FAF DUE TO NEW PFAF CALCULATION, FPT REQUEST, AND 8260.19J PARA. 8-6-7.C.(3).
18. PROFILE LINE 4: CHANGED KUPIW TO SOAKS AND ADDED "JANTO/2.01 NM TO RW36 2000" - NEW FAF NAME AND NEW ADDED FINAL STEPDOWN FIX.
19. PROFILE LINE 5: CHANGED "DIST TO THLD FROM 359 HAT: 1.00 NM" TO "DIST TO THLD FROM 271 HAT: 0.73 NM" - DATA MOVED FROM ADDITIONAL FLIGHT DATA AND CHANGED DUE TO NEW LNAV/VNAV DA/HAT.
20. PROFILE LINE 6: ADDED "MIN GP INCPT: 2700" AND "GP ALT AT PFAF: SOAKS 2700" - 8260.19J PARA. 8-6-7.F.(1) AND (4).
21. PROFILE LINE 7: CHANGED "34:1 IS CLEAR" TO "34:1 IS NOT CLEAR," ADDED "20:1 IS CLEAR," AND CHANGED TCH FROM 47.0 TO 40.0 - NEW VISIBILITY EVAL AND TCH CHANGED TO MATCH VGSI.
22. ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" - 8260.19J PARA. 8-6-8.D.(5)(A)1.
23. NOTES: DELETED "DME/DME RNP-0.3 NA" - REPLACED BY PBN REQUIREMENTS NOTE.
24. NOTES: CHANGED "BARO-VNAV NA WHEN USING SPRINGFIELD-BRANSON NTL ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING OZS ALTIMETER SETTING" - BACKUP ALTIMETER SOURCE CHANGED TO OZS, AND COMBINED AND MOVED VDP INFO FROM PROFILE NOTE, 8260.19J PARA. 8-6-10.E.(8) AND 8-6-10.G.(9).
25. NOTES: CHANGED "LNAV/VNAV NA BELOW -17°C (1F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C" - UPDATED TO CURRENT FORMAT, 8260.19J PARA. 8-6-10.R.
26. NOTES: ADDED "RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 34:1 PENETRATIONS AND 8260.19J PARA. 8-6-12.K.(2).
27. NOTES: CHANGED BACKUP ALTIMETER NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPRINGFIELD-BRANSON NTL ALTIMETER SETTING: INCREASE LNAV/VNAV DA TO 1786 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CAT C 3/8 SM, CAT D 1/8 AND CIRCLING VISIBILITY CAT C/D 1/2 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OZS ALTIMETER SETTING: INCREASE LNAV/VNAV DA TO 1675 FEET; INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CATS C AND D 3/8 SM, AND CIRCLING VISIBILITY CATS C AND D 1/2 SM" - NEW BACKUP ALTIMETER SOURCE, NEW LNAV/VNAV DA, AND NEW VISIBILITY EVAL.
28. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT MMATT: MAX 210 KIAS" AND "CHART SPEED ICON IN PLANVIEW AT OLDIE: MAX 210 KIAS" - SPEED RESTRICTIONS ADDED ON INITIAL SEGMENTS TO REDUCE DISTANCE OF TURN ANTICIPATION AND KEEP EXISTING 5 NM SEGMENT LENGTHS.
29. NOTES: DELETED PROFILE NOTE "LNAV ONLY" - NO LONGER REQUIRED.
30. ADDITIONAL FLIGHT DATA: CHANGED "HOLD S, LT, 359 INBOUND" TO "HOLD N, RT, 178.70 INBOUND" - NEW MISSED APPROACH HOLDING FIX AND PATTERN.
31. ADDITIONAL FLIGHT DATA: CHANGED "FAS OBST: 1439 TREE 373518/924006" TO "FAS OBST: 1423 TREE 373836N/0923906W" - NEW LNAV CONTROLLING OBSTACLE.
32. ADDITIONAL FLIGHT DATA: ADDED "CHART CANNON A AND B MOA" AND "CHART R-4501 A, B, C, D, E, F, H" - PILOT SITUATIONAL AWARENESS AND FPT REQUEST.
33. ADDITIONAL FLIGHT DATA: CHANGED VDP DISTANCE FROM 1.05 NM TO 1.00 NM TO RW36 AND DELETED ASTERISK - DECREASE IN LNAV MDA AND NO LONGER REQUIRED TO DESIGNATE LNAV-ONLY.
34. ADDITIONAL FLIGHT DATA: DELETED "FINAL SEGMENT: (TF)" - NO LONGER REQUIRED.
35. ALTERNATE MINIMUMS: CHANGED FROM NA TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - NOW QUALIFIES FOR ALTERNATE MINIMUMS, 8260.3F PARA. 3-4-1 AND 8260.19J PARA. 8-6-12.B.
36. MINIMUMS: DELETED GLS LINE - NO LONGER REQUIRED.
37. MINIMUMS: LOWERED LNAV/VNAV ALL CATS DA/HAT FROM 1680/359 TO 1592/271 AND VISIBILITY FROM 1 1/4 TO 1 SM - NEW OBSTACLE AND VISIBILITY EVAL.
38. MINIMUMS: LOWERED LNAV ALL CATS MDA/HAT FROM 1700/379 TO 1680/359 AND CAT D VISIBILITY FROM 1 1/4 TO 1 SM - NEW OBSTACLE AND VISIBILITY EVAL.
39. MINIMUMS: LOWERED CIRCLING CAT A MDA/HAA FROM 1820/499 TO 1780/459 - NEW OBSTACLE EVAL.



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: AMGR, ZKC, SGF APP CON

FLIGHT CHECKED BY
RUSSELL ROSLEWSKI

Digitally signed by
RAKE MCGRAW
Jun 24, 2025

OFFICE
AJF

DATE
06/20/2025

DEVELOPED BY
RICHARD BRUCE

Digitally signed by
RICHARD A BRUCE
Apr 07, 2025

OFFICE
AJV-A422

DATE
04/07/2025

APPROVED BY
BEV L BORDY

Digitally signed by
RAKE MCGRAW
Jun 24, 2025

OFFICE
AJV-A420

DATE
07/03/2025

TITLE
MANAGER



**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>
LBO	RNAV (GPS) RWY 36	1	LEBANON	MO	1321	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 269/30 CW 089/30 **TO** 269/18 CW 089/18

<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 (29-000537)	371309.00N/0925657.00W	3571	250	50	4D	1000					4600
TERRAIN	370606.00N/0923818.00W	1745 (1700)								AS1500	3200

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 269/18 CW 089/18 **TO** PYLER

<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 (29-002025)	371221.00N/0925421.00W	2093	50	20	2C	1000				AT407	3500
TERRAIN	371339.00N/0924430.00W	1738 (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

089/30 CW 179/30

TO

OLDIE

<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 (29-001182)	374909.65N/0924452.12W	2083	20	3	1A	1000				AT417	3500
TERRAIN	372915.00N/0925003.00W	1466 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM

179/30 CW 269/30

TO

MMATT

<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 (29-000341)	374239.40N/0924241.38W	1759	20	3	1A	1000				AT741	3500
TERRAIN	373209.00N/0920736.00W	1479 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

MMATT

TO

PYLER

<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	372542.00N/0923957.00W	1647	215	8	4B	1000				AT853	3500
TERRAIN	373209.00N/0920736.00W	1479 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

OLDIE

TO

PYLER

<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	372542.00N/0923957.00W	1647	215	8	4B	1000				AT853	3500
TERRAIN	372542.00N/0924000.00W	1446 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

PYLER (IF/IAF)

TO

SOAKS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	6.60				

<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	372548.00N/0923903.00W	1624	215	8	4B	500				AT576	2700
TERRAIN	372648.00N/0924054.00W	1391 (1400)								AS1000	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

SOAKS

TO

RW36

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	4.21		DA	271	

<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	373836.00N/0923906.00W	1423	215	8	4B	161				AC8	1592

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

SOAKS

TO

JANTO/2.01 NM TO RW36

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.20										
<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	373512.00N/0924006.00W	1575	215	8	4B	250				RA100 DG75	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

JANTO/2.01 NM TO RW36

TO

RW36

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.01		RW36		359						
<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	373836.00N/0923906.00W	1423	215	8	4B	250					1680

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
PYLER

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	371854.00N/0923803.00W	1818	215	8	4B	1000				AT682	3500
TERRAIN	371854.00N/0923803.00W	1617 (1600)								AS1500	3100

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
WIKGI

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1431			
<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				3500
TOWER (29-002645)	374121.50N/0923733.50W	1622	20	50	1D	1000					2700
TERRAIN	374042.00N/0923745.00W	1358 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW36

TO

WIKGI

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1580			
<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				3500
TOWER (29-002645)	374121.50N/0923733.50W	1622	20	50	1D	1000					2700
TERRAIN	374042.00N/0923745.00W	1358 (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											
TOWER (29-020917)	373916.78N/0924012.17W	1.31	459	1471	20	3	1A	300			1780
CATEGORY B											
TOWER (29-002277)	374049.47N/0923756.00W	1.85	539	1505	250	50	4D	300		AC50	1860
CATEGORY C											
TOWER (29-002645)	374121.50N/0923733.50W	2.91	659	1622	20	50	1D	300		AC50	1980
CATEGORY D											
TOWER (29-002645)	374121.50N/0923733.50W	3.81	659	1622	20	50	1D	300		AC50	1980

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZKC ARTCC, SGF APP CON, COU FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	LBO	24	LBO	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	OZS	24	OZS	19.63	Y	83

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME.
LBO 1321, OZS 1051.
RA = 83.0.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW18 - MIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	
RW36 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	1319.2	40.0			3.00	40.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<div>X</div>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<div>X</div>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-17C	+54C	-17C	+12.39C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 973 HIGH TEMP 1283.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LNAV/VNAV AND LNAV:		
34:1			
1386 TREE (29-027251) 373808.35N/0923915.33W (10.13)		1388 TREE (29-027207) 373807.03N/0923916.06W (8.15)	
1381 TREE (29-087120) 373808.03N/0923914.76W (4.22)		1376 TREE (29-087611) 373809.39N/0923914.60W (3.27)	
PENETRATIONS REMARKS:			

QUALITY
25
CHECKED



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.
VEGETATION HEIGHT: 100 FT, PER FPT.
MINIMUM VISIBILITY IS 1 SM - PER LBO ALP.
LPV NOT DEVELOPED - ATC REQUEST.
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	3.27
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.25
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	001.69
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1400
DISTANCE FROM	THLD	TO 1500FT POINT	9.61
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	001.69
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1400

THRESHOLD COORDINATES (IF STR-IN)	373829.25N/0923909.67W
ARP COORDINATES	373853.96N/0923908.75W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 36 DISTANCE 0.41 NM
FAF COORDINATES	373416.46N/0923919.07W
FIX NAME COORDINATES	IF/IAF PYLER 372740.16N/0923933.78W

REMARKS

TAA:
IF/IAF PYLER 372740.16N/0923933.78W, 30 NM RADIUS.
IAF OLDIE 372748.86N/0924550.43W, 30 NM RADIUS.
IAF MMATT 372731.12N/0923317.16W, 30 NM RADIUS.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
RICHARD BRUCE	AJV-A422	04/07/2025	

