

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
LIT	ILS OR LOC RWY 4R	3	LITTLE ROCK	AR		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
266	260	ILS OR LOC RWY 4R	2G	06/15/2023	0E	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-CNL			ROUTINE			

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
LIT VORTAC		GETTY INT/I-CNL 7.58 DME	FAF/IAF				219.17	12.39	2300
MOMTE/LIT 19.00 DME CW	IAF	OTAME/LIT 19.00 DME	NOPT				19.00 DME ARC (LR-215)		3500
OTAME/LIT 19.00 DME	IF	GETTY INT/I-CNL 7.58 DME					046.52 (I-CNL)	6.64	2300

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.25 NM AFTER GETTY INT/I-CNL 7.58 DME OR AT 1.34 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 ON LIT VORTAC R-122 TO ATERS INT/LIT 17.18 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 110 AND ON PBF VOR/DME R-004 TO ATERS/PBF 24.82 DME AND HOLD (DME REQUIRED).

PROFILE:

1. PT	L	SIDE OF COURSE	226.52	OUTBOUND	2300	FT WITHIN	10	MILES OF	GETTY INT/I-CNL 7.58 DME (IAF)
2.									
3. FAC:	046.52	FAF:	GETTY INT/I-CNL 7.58 DME	DIST FAF TO MAP:	6.25	DIST FAF TO THLD:	6.25		
4. MIN ALT:	GETTY INT/I-CNL 7.58 DME 2300, OGRAY/I-CNL 3.44 DME 980								
5. DIST TO THLD FROM PFAF:	6.25	MM:	IM:	150 HAT:	GS ANT:	1000			
6. MIN GS INCPT:	2300	GS ALT AT PFAF:	GETTY INT/I-CNL 7.58 DME 2300	OM:		MM:		IM:	
7. GS ANGLE:	3.00	34:1:	20:1:	TCH:	51.2				
8. MSA FROM:	LIT VORTAC 3300								



NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: RWY 4R HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
CHART PROFILE NOTE: USE I-CNL DME WHEN ON THE LOCALIZER COURSE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LIT VORTAC AIRWAY RADIALS 196 CW 277.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 4R ALL CATS VISIBILITY TO RVR 4500; INCREASE S-LOC 4R CATS A/B VISIBILITY TO RVR 5500 AND CATS C/D VISIBILITY TO 2 SM;
INCREASE OGARY FIX MINIMUMS S-LOC 4R CATS A/B VISIBILITY TO RVR 5500 AND CATS C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART LIT 12.39 DME AT GETTY.

HOLD SE, RT, 302.11 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N ATERS/PBF 24.82 DME, RT, 183.80 INBOUND.
CHART FAS OBST: 513 TREE (05-076439) 344155N/0921517W.
CHART VDP AT 2.81 DME.
DISTANCE VDP TO THLD 1.47 NM.
CHART IN PLANVIEW: ATERS/LIT 17.18 DME.
CHART LIT R-162 AT MOMTE.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT C 1000-2 3/4, CAT D 1000-3

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
S-ILS 04R	525	4000	265	525	4000	265	525	4000	265	525	4000	265			
S-LOC 04R	980	4000	720	980	4000	720	980	1 5/8	720	980	1 5/8	720			
CIRCLING	980	1	714	1000	1	734	1180	2 3/4	914	1180	3	914			
OGARY FIX MINIMUMS (DME REQUIRED)															
S-LOC 04R	780	4000	520	780	4000	520	780	5500	520	780	5500	520			
CIRCLING	820	1	554	1000	1	734	1180	2 3/4	914	1180	3	914			



CHANGES - REASONS

1. LIT VORTAC TO GETTY COURSE/DISTANCE CHANGED FROM 250.79/6.55 TO 219.17/12.39 - GETTY AND LIT VORTAC MOVED.
2. FIX BARBO REPLACED WITH FIX OTAME - BARBO MOVED TO NEW LOCATION ON ILS OR LOC RWY 4R PROCEDURE AND REMAINS IN PLACE ON RNAV RWY 4R PROCEDURE.
3. MOMET TO OTAME (REPLACED BARBO) ARC CHANGED FROM 12 DME TO 19 DME; LEAD RADIAL CHANGED FROM 227 TO 215 - LIT VORTAC MOVED.
4. OTAME TO GETTY DISTANCE CHANGED FROM 5.86 TO 6.64 - OTAME AND GETTY MOVED.
5. FAF CHANGED FROM GETTY INT/I-CNL 7.48 DME TO GETTY INT/I-CNL 7.58 DME - TCH CHANGED.
- 6.LOC MAP CHANGED FROM 6.14 NM AFTER GETTY INT OR AT I-CNL 1.34 DME TO 6.25 NM AFTER GETTY INT/I-CNL 7.58 DME OR AT 1.34 DME - GETTY MOVED.
7. PRIMARY MISSED APPROACH CHANGED FROM "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 110 AND LIT VORTAC R-089 TO ATERS INT/LIT 16.00 DME AND HOLD" TO "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 ON LIT VORTAC R-122 TO ATERS INT/LIT 17.18 DME AND HOLD" - 110 HEADING NO LONGER NEEDED AS CLIMB TO 1500 PLACES AIRCRAFT ON RADIAL 122; LIT VORTAC MOVED.
8. PRIMARY MISSED HOLDING CHANGED FROM HOLD E, RT, 269.28 INBOUND TO HOLD SE, RT, 302.11 INBOUND - LIT VORTAC MOVED.
9. ALTERNATE MISSED CHANGED FROM "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 110 AND PBF VOR/DME R-004 TO ATERS INT/PBF 24.82 DME AND HOLD" TO "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 110 AND ON PBF VOR/DME R-004 TO ATERS/PBF 24.82 DME AND HOLD (DME REQUIRED)" - ATERS IS NOT AN INTERSECTION WHEN LIT IS OTS; DME IS REQUIRED FOR HOLDING WITHOUT AN AVAILABLE INTERSECTION.
10. CHARTED ALTERNATE MISSED HOLDING - HOLDING DOES NOT MATCH PRIMARY HOLDING.
11. PROFILE LINE 3 DIST FAF TO MAP/THLD CHANGED FROM 6.14/6.14 TO 6.25/6.25 - GETTY MOVED TO NEW GLIDEPATH.
12. PROFILE LINE 4 STEPDOWN FIX OGRAY DME CHANGED FROM 3.11 TO 3.44; ALTITUDE RAISED FROM 880 TO 980 - OGRAY MOVED ON GLIDEPATH ADJUSTING TO NEW MINS.
13. PROFILE LINE 5 DIST FROM CHANGED FROM OM 6.14 TO PFAF 6.52 - GETTY MOVED.
14. PROFILE LINE 6 TCH CHANGED FROM 49.1 TO 51.2 - PENDING DATA CHANGED TCH; GETTY MOVED TO NEW GLIDEPATH.
15. ADDED ADDITIONAL FLIGHT DATA CHART LIT 12.39 DME AT GETTY. - ADDED FOR CLARIFICATION.
16. CHANGED CHART NOTE FROM "FOR INOP ALS, INCREASE S-ILS 4R ALL CATS VISIBILITY TO RVR 4500. CHART NOTE: FOR INOP ALS, INCREASE S-LOC 4R CATS A/B VISIBILITY TO RVR 5500 AND CATS C/D VISIBILITY TO 1 3/4 SM. CHART NOTE: OGRAY FIX MINIMUMS: FOR INOP ALS, INCREASE S-LOC 4R CATS A/B VISIBILITY TO RVR 5500 AND CATS C/D VISIBILITY TO 1 3/8 SM." TO "FOR INOPERATIVE ALS, INCREASE S-ILS 4R ALL CATS VISIBILITY TO RVR 4500; INCREASE S-LOC 4R CATS A/B VISIBILITY TO RVR 5500 AND CATS C/D VISIBILITY TO 2 SM; INCREASE OGRAY FIX MINIMUMS S-LOC 4R CATS A/B VISIBILITY TO RVR 5500 AND CATS C/D VISIBILITY TO 1 3/8 SM" - PROVIDE CALCULATED VISIBILITY ADJUSTMENTS.
17. CHARTED VDP - STEPDOWN FIX MOVED, PROCEDURE QUALIFIES FOR CHARTING VDP.
18. S-ILS 4R ALL CATS DA/HAT RAISED FROM 523/263 TO 525/265 - MA ADJ FOR SURVEYED PENETRATING OBST.
19. S-LOC 4R ALL CATS MDA/HAT RAISED FROM 880/620 TO 980/720 - FINAL SURVEYED PENETRATING OBSTACLE.
20. S-LOC 4R CATS C/D VISIBILITY CHANGED FROM 1 3/8 TO 1 5/8 - CORRESPOND WITH RAISING MDA.
21. CIRCLING CAT A MDA/HAA RAISED FROM 880/614 TO 980/714 - STRAIGHT IN ADJUSTMENT.
22. DUAL VOR RECEIVER REQUIRED REMOVED FROM OGRAY FIX MINIMUMS CHANGED - OGRAY NO LONGER AN INTERSECTION, DME REQUIRED.
23. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LIT VORTAC AIRWAY RADIALS 196 CW 277. - LIMIT FEEDER ENTRY TO RADIALS ALLOWING FOR AUTHORIZED TURN.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: LIT ATCT, ZME, AMGR, ST AV DIR

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

TYLER MITCHELL

Digitally signed by

TYLER D MITCHELL

Aug 15, 2024

OFFICE

AJV-A432

DATE

APPROVED BY

JOSEPH L. ZEDER

OFFICE

AJV-A432

DATE

12/26/2024

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>
LIT	ILS OR LOC RWY 4R	3	LITTLE ROCK	AR	266	I-CNL

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM LIT VORTAC **TO** GETTY INT/I-CNL 7.58 DME

<u>RNP</u>	<u>DISTANCE</u> 12.39	<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>
ANTENNA (05-074667)	344438.31N/0921632.76W	871	20	10	1B	1000				AT429	2300
TERRAIN	344624.00N/0921733.00W	521 (500)								AS1500	2000

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL: ARC

FROM MOMTE/LIT 19.00 DME CW **TO** OTAME/LIT 19.00 DME

<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 (05-000779)	342631.00N/0921304.00W	2237	250	50	4D	1000				AT263	3500
TERRAIN	343536.00N/0922721.00W	561 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
34
CHECKED

INTERMEDIATE

FROM

OTAME/LIT 19.00 DME

TO

GETTY INT/I-CNL 7.58 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	6.64										
<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 (05-000972)	343708.06N/0922615.54W	886	20	3	1A	500				AT914	2300
TERRAIN	343718.00N/0922621.00W	574 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE: PT

FROM

10 NM

TO

GETTY INT/I-CNL 7.58 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
	10.00										
<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 (05-001028)	343206.70N/0922432.23W	858	250	50	4D	500				AT942	2300
TERRAIN	343536.00N/0922721.00W	561 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: ILS

FROM

GETTY INT/I-CNL 7.58 DME

TO

RW04R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	6.25		DA				265				
<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 (05-077619)	344255.87N/0921326.00W	331	20	3	1A		34:1			MA15	525

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC

FROM

GETTY INT/I-CNL 7.58 DME

TO

OGRAY/I-CNL 3.44 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	4.14						720				
<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	344018.00N/0921724.00W	699	215	8	4B	250				XL13	980

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LOC STEPDOWN

FROM

OGRAY/I-CNL 3.44 DME

TO

6.25 NM AFTER GETTY INT/I-CNL 7.58 DME OR AT 1.34 DME

RNP

DISTANCE

2.10

PAT

MAP

6.25 NM AFTER GETTY INT/I-CNL 7.58 DME OR AT 1.34 DME

HAT

520

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (05-076439)	344154.93N/0921517.03W	513	20	3	1A	250					780

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

PROCEDURE TURN

FROM

GETTY INT/I-CNL 7.58 DME

TO

10 NM

RNP

DISTANCE

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (05-000972)	343708.06N/0922615.54W	886	20	3	1A	1000				AT414	2300
TERRAIN	343718.00N/0922621.00W	574 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: ILS

FROM

DA

TO

ATERS INT/LIT 17.18 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 331				
<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 (05-077619)	344255.87N/0921326.00W	331	20	3	1A		ASC				4000
TOWER (05-000826)	344424.00N/0915512.00W	619	500	50	5D	1000					1700
TERRAIN	344242.00N/0921315.00W	341 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH: LOC

FROM

TO

ATERS INT/LIT 17.18 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 717			
<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
TOWER (05-000826)	344424.00N/0915512.00W	619	500	50	5D	1000					1700
TERRAIN	344242.00N/0921315.00W	341 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LOC

FROM

6.25 NM AFTER GETTY INT/I-CNL 7.58 DME OR AT 1.34 DME

TO

ATERS INT/LIT 17.18 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 530			
<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
TOWER (05-000826)	344424.00N/0915512.00W	619	500	50	5D	1000					1700
TERRAIN	344242.00N/0921315.00W	341 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH ALTERNATE: ILS

FROM

DA

TO

ATERS/PBF 24.82 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 331				
<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 (05-077619)	344255.87N/0921326.00W	331	20	3	1A		ASC				4000
TOWER (05-000826)	344424.00N/0915512.00W	619	500	50	5D	1000					1700
TERRAIN	344242.00N/0921315.00W	341 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH ALTERNATE: LOC

FROM

TO

ATERS/PBF 24.82 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 717				
<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
TOWER (05-000826)	344424.00N/0915512.00W	619	500	50	5D	1000					1700
TERRAIN	344242.00N/0921315.00W	341 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE: LOC

FROM

6.25 NM AFTER GETTY INT/I-CNL 7.58 DME OR AT 1.34 DME

TO

ATERS/PBF 24.82 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 530				
<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
TOWER (05-000826)	344424.00N/0915512.00W	619	500	50	5D	1000					1700
TERRAIN	344242.00N/0921315.00W	341 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID

LIT

PROCEDURE NAME

ILS OR LOC RWY 4R

AMDT NO.

3

CITY

LITTLE ROCK

STATE

AR

AIRPORT ELEVATION

266

FACILITY

I-CNL

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											
TREE (05-075789)	344215.39N/0921442.92W	1.30	714/554	464	20	3	1A	300		SI/XP56	980/820
CATEGORY B											
BUILDING (05-000268)	344441.29N/0921623.94W	1.81	734/734	682	20	3	1A	300			1000/1000
CATEGORY C											
ANTENNA (05-074667)	344438.31N/0921632.76W	2.85	914/914	871	20	10	1B	300			1180/1180
CATEGORY D											
ANTENNA (05-074667)	344438.31N/0921632.76W	3.72	914/914	871	20	10	1B	300			1180/1180

CIRCLING REMARKS:
XP - MAINTAIN EXISTING MINIMUMS

MSA

CENTER

LIT VORTAC

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (05-000779)	342631.00N/0921304.00W	188	22.3	2237	250	50	4D	1000			3300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

LIT TOWER, LIT APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	LIT	24	LIT	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS

WX REMARKS:

NO BACKUP ALTIMETER DESIGNATED, REDUNDANT ALTIMETER AVAILABLE.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
I-CNL	KLIT ATCT	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW18 - MIRL, PAPI-4L	NPI-G	
RW36 - MIRL, PAPI-4R	NPI-G	
RW04L - MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW04R - MALSR, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, ROLL OUT
RW22L - MALSF, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW22R - ALSF-2, TDZ, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	259.9	51.2	252.1	1000	3.00	49.8

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	1050
ON CENTERLINE	X	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	ILS AND LOC FINAL
34:1	
317 TREE (05-075173) 344302.6400N/0921318.5100W (13.7)	325 TREE (05-073802) 344302.3800N/0921323.8300W (11.69)
318 TREE (05-072969) 344302.8600N/0921321.0200W (10.68)	317 TREE (05-073289) 344303.0400N/0921320.6700W (10.67)
314 TREE (05-076834) 344303.3200N/0921320.7200W (8.15)	315 TREE (05-027248) 344301.4800N/0921319.7300W (7.15)

QUALITY
34
CHECKED

<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>
LIT	ILS OR LOC RWY 4R	3	LITTLE ROCK	AR	266	I-CNL
315 TREE (05-073195) 344303.1100N/0921322.2100W (6.07)			313 TREE (05-075854) 344302.8700N/0921322.1400W (3.7)			
311 TREE (05-073237) 344303.1000N/0921321.4400W (3.42)			315 TREE (05-073577) 344302.3600N/0921322.8500W (3.39)			
314 TREE (05-078040) 344302.0500N/0921322.0000W (3.27)			312 TREE (05-074033) 344303.2700N/0921322.4100W (3.04)			
315 TREE (05-073255) 344302.2700N/0921323.2100W (2.57)			307 TREE (05-074298) 344303.4900N/0921320.2200W (2.39)			
305 TREE (05-078371) 344303.5400N/0921319.2700W (2.18)			310 TREE (05-078500) 344303.2000N/0921321.9900W (1.64)			
331 TREE (05-077619) 344255.8700N/0921326.0000W (0.5)						
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
100 FT VEGETATION HEIGHT PER CEN FPT.

OBSTACLE 05-076242 IS A 20:1 PENETRATION OF THE RWY 36 CIRCLING VISUAL SURFACE. THE OBSTACLE IS AN ACCEPTABLE (8260.3 TABLE 10-6-1) OBSTACLE LIT ON CENTERLINE OF RWY 4L FINAL.
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	3.73
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.03
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	046.52
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	500
DISTANCE FROM	THLD	TO 1500FT POINT	5.65
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.44
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	046.52
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	500

THRESHOLD COORDINATES (IF STR-IN)	344316.94N/0921307.27W
ARP COORDINATES	344345.99N/0921329.20W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 22L DISTANCE 1.21 NM
FAF COORDINATES	343858.52N/0921836.83W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED
THLD DISPLACED 1050FT, ACTUAL COORDINATES: 344309.79N/0921316.39W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TYLER MITCHELL	AJV-A432		AERONAUTICAL INFORMATION SPECIALIST

