

**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> LIT	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22R ILS RWY 22R (SA CAT I) ILS RWY 22R (CAT II) ILS RWY 22R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> LITTLE ROCK	<u>STATE</u> AR		
<u>AIRPORT ELEVATION</u> 266	<u>TDZE</u> 262	<u>SUPERSEDED</u> ILS OR LOC RWY 22R ILS RWY 22R (SA CAT I) ILS RWY 22R (CAT II) ILS RWY 22R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 3B	<u>DATED</u> 06/15/2023	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-AAY	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
LIT VORTAC		SHERR INT/I-AAY 7.38 DME	FAF/IAF				103.77	1.05	2200
DUMPI/LIT 11.89 DME	IAF	KENLY INT/I-AAY 13.26 DME	NOPT				181.65 (HDG) & 226.52 (I-AAY)	3.40 & 2.94	2500
KENLY INT/I-AAY 13.26 DME	IF	SHERR INT/I-AAY 7.38 DME					226.52 (I-AAY)	5.87	2200

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.90 NM AFTER SHERR INT/I-AAY 7.38 DME OR AT I-AAY 1.48 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 ON LIT VORTAC R-247 TO BEGAN INT/LIT 28.74 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	R	SIDE OF COURSE	046.52	OUTBOUND	2200	FT WITHIN	10	MILES OF	SHERR INT/I-AAY 7.38 DME (IAF)
2.									
3. FAC:	226.52	FAF:	SHERR INT/I-AAY 7.38 DME	DIST FAF TO MAP:	5.90	DIST FAF TO THLD:	5.90		
4. MIN ALT:	SHERR INT/I-AAY 7.38 DME 2200, GOHKO/I-AAY 2.80 DME 740								
5. DIST TO THLD FROM OM:	2200	MM:	IM: 783.00	100 HAT:	788.00	150 HAT:	1741.00	GS ANT:	1201
6. MIN GS INCPT:	2200	GS ALT AT PFAF:	SHERR INT/I-AAY 7.38 DME 2200	OM:		MM:		IM:	362
7. GS ANGLE:	3.00	34:1:	20:1:	TCH:	59.2				
8. MSA FROM:	LIT VORTAC 3300								



NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22R: CAT A, B, C, D, RA 169, RVR 1400, HAT 150, DA 412 MSL
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22R: CAT A, B, C, D, RA 106, RVR 1200, HAT 100, DA 362 MSL
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22R: CAT A, B, C, D, RVR 600
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LIT VORTAC AIRWAY RADIALS 071 CW 162.
CHART PROFILE NOTE: USE I-AAY DME WHEN ON THE LOCALIZER COURSE.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 22R CAT C/D VISIBILITY TO 1 3/8 SM; INCREASE GOHKO FIX MINIMUMS (DME REQUIRED) S-LOC 22R CAT C/D VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

CHART LIT 1.05 DME AT SHERR.

HOLD SW, RT, 067.08 INBOUND.
CHART FAS OBST: 412 TANK (05-022916) 344511N/0921156W.
FAS OBST: 476 AAO 344654N/0920948W.
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 22R	462	1800	200	462	1800	200	462	1800	200	462	1800	200			
S-LOC 22R	740	2400	478	740	2400	478	740	5000	478	740	5000	478			
CIRCLING	820	1	554	1000	1	734	1180	2 3/4	914	1180	3	914			
GOHKO FIX MINIMUMS (DME REQUIRED)															
S-LOC 22R	680	2400	418	680	2400	418	680	4000	418	680	4000	418			
CIRCLING	820	1	554	1000	1	734	1180	2 3/4	914	1180	3	914			

CHANGES - REASONS

1. FIX SHERR CHANGED FROM SHERR OM/INT/I-AAY 5.46 DME TO SHERR INT/I-AAY 7.38 DME - OM DECOMMISSIONED, FIX MOVED TO PFAF LOCATION ON GLIDESLOPE.
2. LIT VORTAC TO SHERR COURSE/DISTANCE/ALTITUDE CHANGED FROM 004.21/6.44/2000 TO 103.77/1.05/2200 - LIT VORTAC MOVED, SHERR MOVED, PT INITIAL AND FAF ALTITUDE RAISED TO 2200.
3. DELETED DUMPI TO HIGHS INITIAL AND ALL CORRESPONDING NOTES - FPT REQUEST, REPLACED WITH NEW INITIAL.
4. FIX DUMPI CHANGED FROM DUMPI/I-AAY 18.93 DME TO DUMPI/LIT 11.89 DME - DUMPI MOVED ON AIRWAY AFTER LIT VORTAC MOVED.
5. ADDED DUMPI TO KENLY INITIAL - DUMPI MOVED AND NO LONGER ON LOCALIZER COURSE, DR SEGMENT REQUESTED.
6. REPLACED HIGHS TO SHERR INTERMEDIATE WITH KENLY TO SHERR INTERMEDIATE - KENLY REPLACED HIGHS.
7. INTERMEDIATE SEGMENT DISTANCE/ALTITUDE CHANGED FROM 6.22/1700 TO 5.87/2200 - IF MOVED AND FAF MOVED TO PLACE ON GLIDEPATH AT 2200.
8. LOC MAP CHANGED FROM "3.98 NM AFTER SHERR OM/INT/I-AAY 5.46 DME OR AT I-AAY 1.48 DME FIX" TO "5.90 NM AFTER SHERR INT/I-AAY 7.38 DME OR AT I-AAY 1.48 DME" - FAF MOVED FROM 3.98 TO 5.90 FROM THRESHOLD.
9. PRIMARY MISSED CHANGED FROM "CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2300 ON LIT VORTAC R-250 TO BEGAN INT/LIT 21.98 DME AND HOLD, OR AS DIRECTED BY ATC" TO "CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 ON LIT VORTAC R-247 TO BEGAN INT/LIT 28.74 DME AND HOLD" - LIT VORTAC RADIAL AND DISTANCE AT BEGAN CHANGED, BEGAN ON NEW AIRWAY WITH MEA 3000, ATC COMPLIANCE STATEMENT NOT NEEDED.
10. DELETED ALTERNATE MISSED - AUTOMATICALLY ISSUED AS RNAV SUBSTITUTE NOTAM WHEN FACILITY OUTAGE OCCURS.
11. PROFILE LINE 1: OUTBOUND ALT CHANGED FROM 1900 TO 2200; LOCATION CHANGED FROM SHERR OM TO SHERR INT/I-AAY 7.38 DME - FAF MOVED TO PFAF LOCATION ON GLIDESLOPE ALT 2200.
12. PROFILE LINE 3: FAF NAME CHANGED; DIST FAF TO MAP/THLD CHANGED FROM 3.98/3.98 TO 5.90/5.90 - FAF MOVED TO PFAF LOCATION ON GLIDESLOPE.
13. PROFILE LINE 4: SHERR NAME CHANGED; MIN ALT CHANGED FROM 1700 TO 2200 - FAF MOVED TO PFAF LOCATION ON GLIDEPATH.
14. PROFILE LINE 5: DIST FROM 100/150 HAT CHANGED FROM 1746/784 TO 1741/788 - TARGETS CALCULATION.
15. PROFILE LINE 6: MIN GS INTCPD CHANGED FROM 1700 TO 2200; ADDED GS ALT AT PFAF - FAF MOVED TO PFAF LOCATION ON GLIDESLOPE.
16. SA CAT I ILS MINIMUM NOTE CHANGED RA FROM 182 TO 169 - TARGETS CALCULATION.
17. CAT II ILS MINIMUM NOTE CHANGED RA FROM 128 TO 106 - TARGETS CALCULATION.
18. SIMULTANEOUS AUTHORIZATION NOTE CHANGED FROM "SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 22L" TO "SIMULTANEOUS APPROACH AUTHORIZED" - BASED ON OPERATIONS CONDUCTED, ATC APPROVED.
19. DELETED EQUIPMENT REQUIREMENTS NOTE DME REQUIRED - ALL SEGMENTS NOW HAVE OPTION FOR NO DME.
20. CHART NOTE CHANGED FROM "PROCEDURE NA FOR ARRIVAL AT LIT VORTAC ON V305 AND V124 SOUTHWEST BOUND." TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LIT AIRWAY RADIALS 071 CW 162." - LIT VORTAC MOVED, NOTE UPDATED ACCORDINGLY.
21. INOPERATIVE ALS NOTE CHANGED FROM "FOR INOPERATIVE ALS, INCREASE S-LOC CAT C/D VISIBILITY TO RVR 6000" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 22R CAT C/D VISIBILITY TO 1 3/8 SM; INCREASE GOHKO FIX MINIMUMS (DME REQUIRED) S-LOC 22R CAT C/D VISIBILITY TO RVR 6000." - VISIBILITY NOW APPLIES 1/8 INCREMENTS CHANGING IT TO 1 3/8 AND ADDED STEPDOWN MINIMUMS.
22. UPDATED ALTERNATE MINS: CHANGED FROM "ILS, CATEGORY B, 800-2; CATEGORY C, 1000-2 3/4; CATEGORY D, 1000-3; LOC, CATEGORY C, 1000-2 3/4; CATEGORY D, 1000-3" TO "LOC, CAT C 1000-2 3/4, CAT D 1000-3"; DELETED NA WHEN LOCAL WEATHER NOT AVAILABLE - CIRCLING MINS DO NOT APPLY TO ILS, REDUNDANT WEATHER SOURCES AVAILABLE.
23. MISSED HOLDING CHANGED FROM "HOLD W, RT, 070.44 INBOUND" TO "HOLD SW, RT, 067.08 INBOUND" - BEGAN MOVED AND LIT MOVED CHANGING RADIAL.
24. VDP REMOVED. - VDP IS WITHIN 1/2NM OF STEPDOWN FIX.
25. CHART IN PLANVIEW: BEGAN NOTE - BEGAN IS ALREADY CHARTED WITH PRIMARY MISSED.
26. DELETED LIT RADIAL CHARTING AT SHERR OM - NO LONGER NEEDED, FEEDER FROM LIT CHARTS RADIAL.
27. CHARTED LIT DME AT SHERR - PROVIDE REFERENCE FOR DME EQUIPPED AIRCRAFT ON FEEDER.
28. DELETED CHART LIT R-030 AT DUMPI - NO LONGER NEEDED, RADIAL IDENTIFIED ON ENROUTE CHARTS.
29. NOTE CHANGED FROM SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH TO SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL. - 8260.19J 8-6-12.M(1)
30. ADDED STEPDOWN FIX MINIMUMS - ACHIEVE LOWER MINIMUMS.
31. ADDITIONAL FLIGHT DATA CHANGED FROM "CHART FAS OBST: 422 TOWER 344636N/0920936W." TO "CHART FAS OBST: 412 TANK (05-022916) 344511N/0921156W." - NEW S-LOC 22R CONTROLLER IDENTIFIED.

**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 22R ILS RWY 22R (SA CAT I) ILS RWY 22R (CAT II) ILS RWY 22R (CAT III)	4	LITTLE ROCK	AR	266	I-AAY

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM LIT VORTAC **TO** SHERR INT/I-AAY 7.38 DME

RNP DISTANCE PAT MAP HAT HMAS
1.05

<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	345200.00N/0920648.00W	502	215	8	4B	1000				AT698	2200
TERRAIN	345200.00N/0920648.00W	301 (300)								AS1500	1800

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM DUMPI/LIT 11.89 DME **TO** KENLY INT/I-AAY 13.26 DME

RNP DISTANCE PAT MAP HAT HMAS
3.40

<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 (05-000919)	345522.79N/0920030.37W	645	20	3	1A	1000				AT855	2500
TERRAIN	345748.00N/0920715.00W	439 (400)								AS1500	1900

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

KENLY INT/I-AAY 13.26 DME

TO

SHERR INT/I-AAY 7.38 DME

RNP	DISTANCE	PAT	MAP		HAT	HMAS					
	5.87										
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (05-000919)	345522.79N/0920030.37W	645	20	3	1A	1000				AT555	2200
TERRAIN	345400.00N/0920736.00W	380 (400)								AS1500	1900

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

SHERR INT/I-AAY 7.38 DME

RNP	DISTANCE	PAT	MAP		HAT	HMAS					
	10.00										
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (05-000919)	345522.79N/0920030.37W	645	20	3	1A	1000				AT555	2200
TERRAIN	345542.00N/0920021.00W	347 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: ILS

FROM

SHERR INT/I-AAY 7.38 DME

TO

RW22R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	5.90		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				462

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: ILS SA CAT I

FROM

SHERR INT/I-AAY 7.38 DME

TO

RW22R

<u>RNP</u>		<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>			
		5.90		DA			150				
<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				412

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: ILS CAT II

FROM

SHERR INT/I-AAY 7.38 DME

TO

RW22R

<u>RNP</u>		<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>			
		5.90		DA			100				
<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				362

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC

FROM

SHERR INT/I-AAY 7.38 DME

TO

GOHKO/I-AAY 2.80 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	5.90						478				
<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	344654.00N/0920948.00W	476	215	8	4B	250					740

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LOC STEPDOWN

FROM

GOHKO/I-AAY 2.80 DME

TO

5.90 NM AFTER SHERR INT/I-AAY 7.38 DME OR AT I-AAY 1.48 DME

RNP

DISTANCE

PAT

MAP

HAT

HMAS

1.32

5.90 NM AFTER SHERR
INT/I-AAY 7.38 DME OR AT I-AAY 1.48 DME

418

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TANK (05-022916)	344511.02N/0921156.30W	412	20	3	1A	250					680

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

PROCEDURE TURN

FROM

SHERR INT/I-AAY 7.38 DME

TO

10 NM

RNP

DISTANCE

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	345948.00N/0920345.00W	693	215	8	4B	1000				AT507	2200
TERRAIN	345948.00N/0920345.00W	492 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: ILS

FROM

DA

TO

BEGAN

RNP	DISTANCE	PAT	MAP		HAT		HMAS				
							291				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	344536.00N/0924042.00W	968	215	8	4B	1000					2000
TERRAIN	344536.00N/0924042.00W	767 (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: ILS SA CAT I

FROM

DA

TO

BEGAN

RNP	DISTANCE	PAT	MAP		HAT		HMAS				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	344536.00N/0924042.00W	968	215	8	4B	1000					2000
TERRAIN	344536.00N/0924042.00W	767 (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: ILS CAT II

FROM

DA

TO

BEGAN

<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>
							ASC				3000
AAO	344536.00N/0924042.00W	968	215	8	4B	1000					2000
TERRAIN	344536.00N/0924042.00W	767 (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: LOC

FROM

TO

BEGAN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
										490	
<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
AAO	344536.00N/0924042.00W	968	215	8	4B	1000					2000
TERRAIN	344536.00N/0924042.00W	767 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

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	554/554	464	20	3	1A	300		XP56	820/820
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 APP CON

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> LIT	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> LIT	<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:

NO BACKUP ALTIMETER DESIGNATED, REDUNDANT ALTIMETER AVAILABLE.

<u>PRIMARY NAVAID</u> I-AAY	<u>MONITOR POINT</u> ATCT	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
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, C/LINE, HIRL, PAPI-4R	PIR-G	APPROACH, ROLL OUT
RW22L - MALSF, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW22R - ALSF-2, C/LINE, TDZ, HIRL, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 261.5	<u>TCH</u> 59.2	<u>ELEV GS ANTENNA</u> 252.6	<u>DISTANCE FROM RWY</u> 1201	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 57.9
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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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LIT	ILS OR LOC RWY 22R ILS RWY 22R (SA CAT I) ILS RWY 22R (CAT II) ILS RWY 22R (CAT III)	4	LITTLE ROCK	AR	266	I-AAY

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.

100 FT VEGETATION HEIGHT UTILIZED PER FPT.

VDP NOT PUBLISHABLE - WITHIN 1/2NM OF FINAL STEPDOWN FIX.

OBSTACLE 05-022882 IS A MISSED PENETRATION OF SECTION 1. THE OBSTACLE IS AN ACCEPTABLE (8260.3 TABLE 10-6-1) OBSTACLE LIT RVR POLE.
OBSTACLE 05-074664 IS A MISSED PENETRATION OF SECTION 1. THE OBSTACLE IS AN ACCEPTABLE (8260.3 TABLE 10-6-1) OBSTACLE LIT ON RWY 22R THRESHOLD.
OBSTACLE 05-076242 IS A 20:1 PENETRATES 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.

TARGETS LOW MINIMA ILS DATA REQUIREMENTS NOT PROVIDED. PER QC AND BRANCH MANAGER, ITEMS SET TO YES WITH NO SUPPORTING DATA OR DOCUMENTS. CONTINUITY OF SERVICE (3) PROVIDED BY FPT AND TECH OPS.

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	3.24
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.92
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	226.52
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	300
DISTANCE FROM	THLD	TO 1500FT POINT	5.10
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.32
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	226.52
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	300

THRESHOLD COORDINATES (IF STR-IN)	344417.36N/0921304.98W
ARP COORDINATES	344345.99N/0921329.20W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 22L DISTANCE 1.21 NM
FAF COORDINATES	344821.30N/0920752.98W
FIX NAME COORDINATES	

REMARKS



<u>AIRPORT ID</u> LIT	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22R ILS RWY 22R (SA CAT I) ILS RWY 22R (CAT II) ILS RWY 22R (CAT III)	<u>AMDT NO.</u> 4	<u>CITY</u> LITTLE ROCK	<u>STATE</u> AR	<u>AIRPORT ELEVATION</u> 266	<u>FACILITY</u> I-AAY
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PART E: PREPARED BY

<u>NAME</u> KELLY DEAN	<u>OFFICE</u> AJV-A432	<u>DATE</u> 05/07/2024	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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