

**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</u> ARKANSAS INTL	<u>AIRPORT ID</u> KBYH	<u>PROCEDURE NAME</u> ILS OR LOC RWY 18	<u>ORIGINAL/AMENDMENT</u> 2B	<u>CITY</u> BLYTHEVILLE	<u>STATE</u> AR	
<u>AIRPORT ELEVATION</u> 254	<u>TDZE</u> 250	<u>SUPERSEDED</u> ILS OR LOC RWY 18	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 03/29/2018	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-BYH	<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>
DYR VORTAC		GURLY INT/DYR VORTAC 30.62 DME					272.87	30.62	2000
MAW VORTAC	IAF	OLVEE INT/I-BYH LOC/DME 15.00 DME	NOPT				181.17	21.70	2000
OLVEE INT/I-BYH LOC/DME 15.00 DME	IF	GURLY INT/I-BYH LOC/DME 7.53 DME					181.00	7.47 (I-BYH)	2000

**MISSED APPROACH**

**MAP:**  
ILS: DA  
LOC: I-BYH 2.20 DME

**MISSED APPROACH INSTRUCTIONS:**  
CLIMB TO 2000, THEN LEFT TURN HEADING 320 AND MAW VORTAC R-180 TO GURLY INT AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT      **SIDE OF COURSE**      **OUTBOUND**      **FT WITHIN**      **MILES OF (IAF)**
- HOLD N GURLY, RT, 181.00 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4700.
- FAC:** 181.00      **FAF:** GURLY INT/I-BYH  
LOC/DME 7.53 DME      **DIST FAF TO MAP:**      **DIST FAF TO THLD:** 5.32
- MIN ALT:** GURLY INT/I-BYH LOC/DME 7.53 DME 2000, HUFVE/I-BYH LOC/DME 3.60 DME 740\*
- DIST TO THLD FROM OM:**      **MM:**      **IM:**      **150 HAT:**      **GS ANT:** 1050
- MIN GS INCPT:** 2000      **GS ALT AT FAF :** GURLY INT/I-BYH LOC/DME 7.53 DME      **OM:**      **MM:**      **IM:**  
2000
- GP ANGLE:** 3.00      **34:1:**      **20:1:**      **TCH:** 54.0
- MSA FROM:** KBYH 2000



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED FOR LOC ONLY.  
DME REQUIRED FOR DYR VORTAC TO GURLY TRANSITION.

NOTES:

CHART NOTE: CIRCLING NA E OF RWYS 18 AND 36.  
\*LOC ONLY  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MAW VORTAC AIRWAY RADIALS 198 CW 239.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT DYR VORTAC ON V47 NORTHEAST BOUND.  
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF, WHEN NOT RECEIVED, USE BLYTHEVILLE MUNI ALTIMETER SETTING AND INCREASE DA TO 464 FEET AND ALL MDAS 20 FEET.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON  
CHART MISSED APP HOLDING WITH MAW R-180, I-BYH R-001, DYR R-273.  
CHART IN PLANVIEW: DYR 30.62 DME AT GURLY.  
CHART FAS OBST: 337 TREE 355922N/0895653W.

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

ALTERNATE: NA ☒

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 18	450	3/4	200	450	3/4	200	450	3/4	200	450	3/4	200			
S-LOC 18	600	1	350	600	1	350	600	1	350	600	1	350			
CIRCLING	700	1	446	720	1	466	800	1 1/2	546	820	2	566			

CHANGES - REASONS

1. ADDED CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF, WHEN NOT RECEIVED, USE BLYTHEVILLE MUNI ALTIMETER SETTING AND INCREASE DA TO 464 FEET AND ALL MDAS 20 FEET.- IAW 8260.19H
2. UPDATED "DME REQUIRED" TO "DME REQUIRED FOR LOC ONLY" AND MOVED NOTE TO EQUIPMENT REQUIREMENTS NOTES - 8260.19H 8-6-8.A.(2)(C).
3. MOVED "DME REQUIRED FOR DYR VORTAC TO GURLY TRANSITION" FROM PLANVIEW TO EQUIPMENT REQUIREMENTS NOTES - 8260.19H 8-6-8.A.(1).
4. UPDATED MISSED APPROACH INSTRUCTIONS WORDING TO MATCH CURRENT CRITERIA.- IAW 8260.19H 8-6-6.D

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZME, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

CASIMIR L TABAKA

Mar 18, 2019

OFFICE

AJV-A422

DATE

12/12/2018

DEVELOPED BY

ROBERT G HAMILTON (ALEXANDER MILES)

Digitally signed by

CASIMIR L TABAKA

Mar 18, 2019

OFFICE

AJV-A42

DATE

APPROVED BY

JULIE MORGAN

Digitally signed by

CASIMIR L TABAKA

Mar 18, 2019

TITLE  
MANAGER

QUALITY  
31  
CHECKED

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

<u>AIRPORT</u> ARKANSAS INTL	<u>AIRPORT ID</u> KBYH	<u>PROCEDURE NAME</u> ILS OR LOC RWY 18	<u>AMDT NO.</u> 2B	<u>CITY</u> BLYTHEVILLE	<u>STATE</u> AR	<u>AIRPORT ELEVATION</u> 254	<u>FACILITY</u> I-BYH
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

<u>FROM</u> DYR VORTAC	<u>TO</u> GURLY INT/DYR VORTAC 30.62 DME
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<u>RNP</u>	<u>DISTANCE</u> 30.62	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
1.TOWER (47-001737)	360328.00N/0892630.00W	880	500	50	5D	1000					1900
2.TERRAIN	360345.00N/0892942.00W	499 (500)								AS1500	2000

COMPUTATIONS

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

INITIAL

<u>FROM</u> MAW VORTAC	<u>TO</u> OLVEE INT/I-BYH LOC/DME 15.00 DME
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<u>RNP</u>	<u>DISTANCE</u> 21.70	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (29-000340)	363042.00N/0895849.00W	884	250	50	4D	1000				AT116	2000
4.TERRAIN	363327.00N/0895800.00W	299 (300)								AS1500	1800

COMPUTATIONS

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



INTERMEDIATE

FROM

OLVEE INT/I-BYH LOC/DME 15.00 DME

TO

GURLY INT/I-BYH LOC/DME 7.53 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	7.47											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.TOWER (29-001512)	361328.00N/0895736.00W		548	500	50	5D	500				AT952	2000
6.TERRAIN	361136.00N/0895254.00W		263 (300)								AS1500	1800

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: ILS

FROM

GURLY INT/I-BYH LOC/DME 7.53 DME

TO

DA

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.32		DA			200						
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				450

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



**SEGMENT REMARKS:**

HOLD-IN-LIEU OF PT

FROM

GURLY

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>
9.TOWER (29-001027)	360321.00N/0900238.00W	559	500	125	5E	1000					2000
10.TERRAIN	361421.00N/0895958.00W	266 (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 : ILS

FROM

DA

TO

GURLY INT/I-BYH LOC/DME 7.53 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 283					
<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				2000
12.TOWER (05-000247)	355356.00N/0895246.00W		745	100	20	3C	1000					1800
13.TERRAIN	354951.00N/0895000.00W		276 (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 : LOC

FROM

I-BYH 2.20 DME

TO

GURLY INT/I-BYH LOC/DME 7.53 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS				
							350				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.TREE (05-027218)	355804.24N/0895626.45W	333	20	3	1A		ASC				2000
12.TOWER (05-000247)	355356.00N/0895246.00W	745	100	20	3C	1000					1800
13.TERRAIN	354951.00N/0895000.00W	276 (300)								AS1500	1800

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											
14.TOWER (05-026360)	355655.96N/0895810.94W	1.30	446	400	20	3	1A	300			700
CATEGORY B											
14.TOWER (05-026360)	355655.96N/0895810.94W	1.81	466	400	20	3	1A	300		HAA	720
CATEGORY C											
15.TOWER (05-000530)	355721.00N/0895904.00W	2.85	546	444	500	50	5D	300		AC50	800
CATEGORY D											
7.AAO	360214.08N/0895635.92W	3.72	566	465	50	3	2A	300		HAA	820

CIRCLING REMARKS:



<u>AIRPORT</u> ARKANSAS INTL	<u>AIRPORT ID</u> KBYH	<u>PROCEDURE NAME</u> ILS OR LOC RWY 18	<u>AMDT NO.</u> 2B	<u>CITY</u> BLYTHEVILLE	<u>STATE</u> AR	<u>AIRPORT ELEVATION</u> 254	<u>FACILITY</u> I-BYH
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MSA

CENTER  
KBYH

RADIUS  
25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	TWR (47-001016)	360600.00N/0892912.00W	071	23.7	979	250	50	5D	1000			2000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

AVERAGE VEGETATION ASSUMED TO BE 100 FEET PER FPT.

CIRCLING RESTRICTION NOTE RETAINED PER FPT TO MATCH CURRENTLY PUBLISHED KBYH SIAPS.

QUALITY  
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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZME ARTCC, JBR FSS

<u>WX SERVICE</u> CTAF	<u>LOCATION</u> KBYH	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KBYH	<u>DISTANCE</u> 0	<u>SERVICE-A</u> N	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KHKA	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KHKA	<u>DISTANCE</u> 5.68	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 14

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
KBYH 254.1, KHKA 255.7  
RA = 13.32.

<u>PRIMARY NAVAID</u> I-BYH	<u>MONITOR POINT</u> ATCT	<u>HRS OPERATION</u> TWR OPEN TWR CLOSED	<u>CAT</u> 1 3
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW18 - HIRL (PCL)	PIR-F	
RW36 - HIRL (PCL), SALS, VASI-4L	PIR-F	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 250.3	<u>TCH</u> 54.0	<u>ELEV GS ANTENNA</u> 248.9	<u>DISTANCE FROM RWY</u> 1050	<u>VGSI ANGLE</u>	<u>TCH</u>
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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>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or  
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS





<u>AIRPORT</u> ARKANSAS INTL	<u>AIRPORT ID</u> KBYH	<u>PROCEDURE NAME</u> ILS OR LOC RWY 18	<u>AMDT NO.</u> 2B	<u>CITY</u> BLYTHEVILLE	<u>STATE</u> AR	<u>AIRPORT ELEVATION</u> 254	<u>FACILITY</u> I-BYH
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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	3.13 NM
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.90
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	180.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	259
DISTANCE FROM	THLD	TO 1500FT POINT	4.70
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.23
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	180
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	259

THRESHOLD COORDINATES (IF STR-IN)

355849.00N/0895638.23W

ARP COORDINATES

355751.60N/0895638.20W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 18 DISTANCE 0.96 NM

FAF COORDINATES

360408.95N/0895638.23W

FIX NAME COORDINATES

REMARKS

REMARKS: APPROACH/DRAWING ATTACHED.

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**AIRPORT**  
ARKANSAS INTL

AIRPORT ID  
KBYH

**PROCEDURE NAME**  
ILS OR LOC RWY 18

AMDT NO.  
2B

CITY  
BLYTHEVILLE

STATE  
AR

**AIRPORT ELEVATION**  
254

**FACILITY**  
I-BYH

**PART E: PREPARED BY**

**NAME**  
ROBERT G HAMILTON (ALEXANDER MILES)

**OFFICE**  
AJV-A422

**DATE**  
12/12/2018

**TITLE**  
AERONAUTICAL INFORMATION SPECIALIST

