

**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.

<b>AIRPORT</b> INGALLS FIELD	<b>AIRPORT ID</b> KHSP	<b>PROCEDURE NAME</b> ILS OR LOC RWY 25	<b>ORIGINAL/AMENDMENT</b> 5	<b>CITY</b> HOT SPRINGS	<b>STATE</b> VA
<b>AIRPORT ELEVATION</b> 3793	<b>TDZE</b> 3773	<b>SUPERSEDED</b> ILS OR LOC RWY 25	<b>ORIGINAL/AMENDMENT</b> 4A	<b>DATED</b> 10/16/2014	<b>MAG VAR</b> 8W <b>EPOCH YEAR</b> 2000
<b>FACILITY</b> I-HSP	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 15 AUGUST 2019	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>CANCEL/SUSPEND</b>	

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MOL VOR/DME		IFAVU INT/MOL 17.25 DME					293.61	17.25	8000
IFAVU INT/MOL 17.25 DME	IAF	AHLER INT					293.61	9.60 (MOL R-294)	6000
EXRAS INT	IAF	AHLER INT					246.83	8.59 (I-HSP)	6000
AHLER INT	IF	DURAN OM					246.83	6.40	5100

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 3.67 NM AFTER DURAN OM

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4360, THEN CLIMBING RIGHT TURN TO 6200 ON HEADING 270 AND MOL R-279 TO NATTS/MOL 46.34 DME AND HOLD. (DME REQUIRED).

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF (IAF)
- PROFILE STARTS AT AHLER
- FAC: 246.83      FAF: DURAN OM      DIST FAF TO MAP: 3.67      DIST FAF TO THLD: 3.67
- MIN ALT: AHLER INT 6000, DURAN OM 5100
- DIST TO THLD FROM OM: 3.67      MM:      IM:      150 HAT:      GS ANT: 1099
- MIN GS INCPT: 5100      GS ALT AT FAF:      OM: 5002      MM:      IM:
- GP ANGLE: 3.00      34:1:      20:1:      TCH: 59.0
- MSA FROM: KHSP 6100



**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART NOTE: CIRCLING TO RWY 7 NA AT NIGHT.  
CHART NOTE: CIRCLING NA SOUTHEAST OF RWY 7-25.

**ADDITIONAL FLIGHT DATA:**

CHART IN PLANVIEW: DUMIW/MOL 24.85 DME.  
CHART CIRCLING ICON.  
CHART FAS OBST: 3784 TREE 375723N/0794934W.  
HOLD E, RT, 278.70 INBOUND

**MINIMUMS:**

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

**ALTERNATE:** NA

<b><u>CATEGORY:</u></b>	<b><u>A</u></b>			<b><u>B</u></b>			<b><u>C</u></b>			<b><u>D</u></b>			<b><u>E</u></b>		
<b><u>FINAL TYPE</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>												
S-ILS 25	4073	7/8	300	4073	7/8	300	4073	7/8	300	4073	7/8	300			
S-LOC 25	4240	1	467	4240	1	467	4240	1 3/8	467	4240	1 3/8	467			
CIRCLING	4440	1	647	4480	1	687	4480	1 1/2	687	4480	2 1/4	687			

**CHANGES - REASONS**

1. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 4400 THEN CLIMBING RIGHT TURN TO 5600 ON LWB VOR/DME R-087 TO CAXWO/LWB 15.05 DME AND HOLD" TO "CLIMB TO 4360, THEN CLIMBING RIGHT TURN TO 6000 ON HEADING 270 AND MOL R-279 TO NATTS/MOL 46.34 DME AND HOLD. (DME REQUIRED)." - CAXWO NO LONGER AVAILABLE DUE TO DECOM OF LWB VOR DME.
2. REMOVED ALTERNATE MISSED APPROACH - NO LONGER AVAILABLE DUE TO DECOM OF LWB VOR DME.
3. CHANGED OM FROM 5003 TO 5002 - RESULT OF IAPA UPDATE.
4. CHANGED MSA CENTERPOINT FROM LWB VOR/DME 6000 (28NM) TO KHSP 6100 - LWB VOR DME DECOMMISSIONED, NO SUITABLE NAVAIDS WITHIN 30 NM.
5. REMOVED CHART PROFILE NOTE: GS UNUSABLE BELOW 4030 - NO RESTRICTIONS TO GS.
6. ADDITIONAL FLIGHT DATA NOTE ADDED: CHART CIRCLING ICON - NEW CIRCLING CRITERIA APPLIED.
7. REMOVED CHART IN PLANVIEW NOTE: CAXWO INT/LWB 15.05 DME - CAXWO NO LONGER AVAILABLE DUE TO DECOM OF LWB VOR DME.
8. REMOVED CHART NOTE: ALTERNATE MA HOLDING, HOLD W CAXWO INT/LWB 15.05 DME, LT, 087.29 INBOUND - CAXWO NO LONGER AVAILABLE DUE TO DECOM OF LWB VOR DME.
9. ADDITIONAL FLIGHT DATA HOLD CHANGED FROM HOLD N, LT, 183.18 INBOUND TO HOLD E, RT, 278.70 INBOUND - HOLDING CHANGED FROM CAXWO TO NATTS.
10. AMENDED S-ILS 25 DA/HAT AND VISIBILITY FOR ALL CATS: FROM 4088/315 TO 4073/300 VISIBILITY FROM 1 SM TO 7/8 SM - NEW EVALUATION RESULTED IN REMOVAL OF XP ADJUSTMENT. IAW 8260-3D TABLE 3-3-1.
11. AMENDED S-LOC 25 VISIBILITY FOR CATS C AND D FROM 1 1/4 SM AND 1 1/2 SM TO 1 3/8 SM - IAW 8260-3D TABLE 3-3-1.
12. AMENDED CIRCLING VISIBILITY FOR CAT C FROM 2 SM TO 1 1/2 SM - IAW 8260-3D TABLE 3-3-1.
13. DELETED NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA - AWOS-3 IS ON WMSCR, NO NOTE REQUIRED.
14. ADDED CHART NOTE: CIRCLING RWY 7 NA AT NIGHT - CURRENT EVALUATION SHOWS 20:1 PENETRATIONS EXIST.
15. ADDED EQUIPMENT REQUIREMENTS NOTE: DME REQUIRED - PROCEDURE REDESIGN. MISSED APPROACH REQUIRES DME.

5/13/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 1/22/19.

1. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 4360, THEN CLIMBING RIGHT TURN TO 6000..." TO "CLIMB TO 4360, THEN CLIMBING RIGHT TURN TO 6200..."



**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: ZDC, AIRPORT MANAGER, VA DOT

**FLIGHT CHECKED BY**

STEPHEN CHRISTOPHER BAUER

*Digitally signed by*

**DONALD H LANIER**

May 16, 2019

**OFFICE**

FIOG

**DATE**

05/08/2019

**DEVELOPED BY**

DONALD H. LANIER (EBONY HAMILTON)

*Digitally signed by*

**DONALD H LANIER**

May 16, 2019

**OFFICE**

AJV-A431

**DATE**

01/22/2019

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*

**DONALD H LANIER**

May 16, 2019

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER

