

**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> KHGR	<u>PROCEDURE NAME</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> HAGERSTOWN	<u>STATE</u> MD		
<u>AIRPORT ELEVATION</u> 703	<u>TDZE</u> 695	<u>SUPERSEDED</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 11W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-UYK	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 OCTOBER 2023	<u>REQUIRED EFFECTIVE DATE</u> 10/05/2023	<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>
MRB VORTAC		COVUK INT/I-UYK 13.56 DME					344.95	18.59	4000
TOMAC	IAF	COVUK INT/I-UYK 13.56 DME	NOPT	TF	FB	1.00	106.99	6.38	3600
KUTSE	IAF	COVUK INT/I-UYK 13.56 DME	NOPT	TF	FB	1.00	064.89	7.79	3600
COVUK INT/I-UYK 13.56 DME	IF	FODEV INT/I-UYK 10.26 DME					091.50	3.30 (I-UYK)	3100
FODEV INT/I-UYK 10.26 DME		HESGI INT/I-UYK 6.91 DME					091.50	3.35 (I-UYK)	2500

MISSED APPROACH

MAP:

ILS: DA

LOC: 5.10 NM AFTER HESGI INT/I-UYK 6.91 DME OR AT HADMI/I-UYK 1.81 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3600 DIRECT HGR VOR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3600 DIRECT MRB VORTAC AND HOLD.



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD W COVUK, RT, 091.50 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 5100.

3. FAF: 091.50FAF: HESGI INT/I-UYK 6.91 DMEDIST FAF TO MAP: 5.10DIST FAF TO THLD: 5.59

4. MIN ALT: COVUK INT/I-UYK 13.56 DME 3600, FODEV INT/I-UYK 10.26 DME 3100, HESGI INT/I-UYK 6.91 DME 2500

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT: 843

6. MIN GS INCPT: 2500GS ALT AT PFAF : HESGI INT/I-UYK 6.91 DME 2500OM:MM:IM:

7. GS ANGLE: 3.0034:120:1TCH: 54.9

8. MSA FROM: MRB VORTAC 240-330 4000, 330-240 3400

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 275.56 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E MRB VORTAC, LT, 290.00 INBOUND.
FAS OBST: 739 AAO 394139N/0774923W.
779 AAO 394111N/0775238W.
CHART P-40.
CHART R-4009.
CHART IN PLANVIEW: MRB VORTAC.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA

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ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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 09	895	3/4	200	895	3/4	200	895	3/4	200	895	3/4	200			
S-LOC 09	1000	1	305	1000	1	305	1000	7/8	305	1000	7/8	305			
CIRCLING	1160	1	457	1160	1	457	1200	1 1/2	497	1300	2	597			

QUALITY
10
CHECKED

CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED FROM "COVUK INT/I-UYK 13.06 DME" TO "COVUK INT/I-UYK 13.56 DME" - COVUK FIX MOVED 0.5 NM PER IFP/ATC CHECKLIST REQUEST.
2. TERMINAL ROUTES: ADDED TOMAC AND KUTSE RNAV IAF SGEMENTS - PER IFP/ATC CHECKLIST REQUEST.
3. TERMINAL ROUTES: REMOVED THS VORTAC FEEDER FROM PROCEDURE - THS VOR MON NATL PROGRAM.
4. TERMINAL ROUTES: UPDATED COVUK INT/I-UYK 13.06 DME TO FODEV INT/I-UYK 10.26 DME SEGMENT DISTANCE FROM 2.80 TO 3.30 (I-UYK) - COVUK FIX MOVED 0.5 NM PER IFP/ATC CHECKLIST REQUEST.
5. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4000 DIRECT THS VORTAC AND HOLD, OR AS DIRECTED BY ATC." TO "CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3600 DIRECT HGR VOR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600" - THS VOR MON NATL PROGRAM, MA REDESIGNED PER IFP/ATC CHECKLIST REQUEST.
6. PROFILE LINE 4: CHANGED FROM "COVUK 3600, FODEV 3100, HESGI 2500" TO "COVUK INT/I-UYK 13.56 DME 3600, FODEV INT/I-UYK 10.26 DME 3100, HESGI INT/I-UYK 6.91 DME 2500" - ALL THREE FIXES ARE DME FIXES.
7. PBN REQUIREMENTS NOTE: ADDED RNP APCH - GPS - PER 8260.19I, PARA 8-6-8C(2)(A).
8. MOVED BACKUP ALTIMETER NOTE FROM 8260-3 TO 8260-9 PART C: GENERAL REMARKS AS CONTINGENCY NOTE - 8260.19I, 8-6-9F(3).10.
9. REMOVED CHART NOTE "RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - NO PENETRATIONS EXIST.
- 10.ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD SE, RT, 296.37 INBOUND" TO "HOLD E, RT, 275.56 INBOUND" - NEW HOLDING PATTERN PER IFP/ATC CHECKLIST REQUEST.
11. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 719 TREE 394214N/0774439W" TO "FAS OBST: 739 AAO 394139N/0774923W" - NEW CONTROLLING OBSTACLE.
12. ADDITIONAL FLIGHT DATA: ADDED 7:1 OBSTACLE "779 AAO 394111N/0775238W" - NEW TERRAIN EVALUATION.
13. CHANGED ALTERNATE MINIMUMS FROM "ILS: STANDARD - CAT D 700-2, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED" TO "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED." - PER 8260.19I, 8-6-11B(5)&(6).
14. CHANGED S-LOC 09 ALL CATS MDA/HAA FROM 980/285 TO 1000/305 - NEW CONTROLLING OBSTACLE.
15. CHANGED CIRCLING CAT D MDA/HAA FROM 1320/617 TO 1300/597 - NEW CONTROLLING OBSTACLE.
16. CHANGES FROM P-NOTAMS FOR AMDT 1A INCORPORATED INTO FORM - REQUIRED IAW 8260.19I PARA 8-3-4C(3).
17. DELETED CHART NOTE: "CIRCLING TO RWY 20 NA AT NIGHT - 20:1 PENETRATION IS LIT.

7/24/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 2/27/2023
ADDED 10/5/2023 TO REQUIREND EFFECTIVE DATE.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

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OTHER: ZDC, POTOMAC TRACON, KHGR ATCT, ARPT MGR, ATA

FLIGHT CHECKED BY

PENDING

Digitally signed by

CASIMIR L TABAKA

Jul 24, 2023

OFFICE

DATE

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by

CASIMIR L TABAKA

Jun 21, 2023

OFFICE

AJV-A432

DATE

02/27/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by

CASIMIR L TABAKA

Jun 21, 2023

OFFICE

AJV-A432

DATE

TITLE

MANAGER

