

**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 27	<u>ORIGINAL/AMENDMENT</u> 12	<u>CITY</u> HAGERSTOWN	<u>STATE</u> MD		
<u>AIRPORT ELEVATION</u> 703	<u>TDZE</u> 701	<u>SUPERSEDED</u> ILS OR LOC RWY 27	<u>ORIGINAL/AMENDMENT</u> 11A	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 11W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-HGR	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 OCTOBER 2023	<u>REQUIRED EFFECTIVE DATE</u> 10/5/2023	<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>
HGR VOR		HAIGS INT/I-HGR 16.49 DME					088.30	23.27 (HGR R-088)	4400
QOLPI	IAF	GRESO	NOPT	TF	FB	1.00	046.72	5.60	4000
GRESO		HAIGS INT/I-HGR 16.49 DME		TF	FB	1.00	001.77	7.20	4000
CAVEN	IAF	HAIGS INT/I-HGR 16.49 DME	NOPT	TF	FB	1.00	226.80	5.70	4000
HAIGS INT/I-HGR 16.49 DME	IF/IAF	NOLIN INT/I-HGR 6.61 DME					271.51	9.88 (I-HGR)	2900

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 6.78 NM AFTER NOLIN INT/I-HGR 6.61 DME OR AT I-HGR 0.17 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 DIRECT HGR VOR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1900 THEN CLIMBING LEFT TURN TO 4000 DIRECT MRB VORTAC AND HOLD.





**MINIMUMS:**

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

**ALTERNATE:** NA

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 27	901	1/2	200	901	1/2	200	901	1/2	200	901	1/2	200			
S-LOC 27	1320	1/2	619	1320	1/2	619	1320	1 3/8	619	1320	1 3/8	619			
CIRCLING	1320	1	617	1320	1	617	1320	1 3/4	617	1320	2	617			
WORUL FIX MINIMUMS															
S-LOC 27	1040	1/2	339	1040	1/2	339	1040	1/2	339	1040	1/2	339			
CIRCLING	1160	1	457	1160	1	457	1200	1 1/2	497	1300	2	597			

**CHANGES - REASONS**

1. TERMINAL ROUTES: REMOVED THS VORTAC FEEDER FROM PROCEDURE - THS VOR MON NATL PROGRAM.
2. TERMINAL ROUTES: ADDED HGR VOR FEEDER - PER IFP/ATC CHECKLIST REQUEST.
3. TERMINAL ROUTES: ADDED QOLPI, GRESO AND CAVEN RNAV IAF SGEMENTS - PER IFP/ATC CHECKLIST REQUEST.
4. CHANGED PRIMARY MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 4200 DIRECT ST THOMAS VORTAC AND HOLD" TO "CLIMB TO 4000 DIRECT HGR VOR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000" - THS VOR MON NATL PROGRAM, MA REDESIGNED PER IFP/ATC CHECKLIST REQUEST.
5. CHANGED ALTERNATE MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 4000 DIRECT MRB VORTAC AND HOLD E, LT, 290.00 INBOUND" TO "CLIMB TO 1900 THEN CLIMBING LEFT TURN TO 4000 DIRECT MRB VORTAC AND HOLD" - CLIMB TO ALTITUDE RAISED DUE TO PENETRATING OBSTACLE, HOLDING INFORMATION IS CHARTED IN ADDITIONAL DATA.
6. PROFILE LINE 4: CHANGED FROM "HAIGS 4000, NOLIN 2900, WORUL/I-HGR 1.73 DME 1320\*" TO "HAIGS INT/I-HGR 16.49 DME 4000, NOLIN INT/I-HGR 6.61 DME 2900, WORUL/I-HGR 1.73 DME 1320" - ALTITUDE CHANGE AT HAIGS PER IFP/ATC CHECKLIST REQUEST, "\*" NO LONGER REQUIRED BY CRITERIA.
7. PROFILE LINE 8: CHANGED MSA FROM "MRB VORTAC 240-330 4000, 330-240 3500" TO "MRB VORTAC 240-330 4000, 330-240 3400" - NEW CONTROLLING OBSTACLE.
8. PBN REQUIREMENTS NOTE: ADDED RNP APCH - GPS - PER 8260.19I, PARA 8-6-8C(2)(A).
9. MOVED BACKUP ALTIMETER NOTE, "CHART NOTE: VDP NA WHEN USING MARTINSBURG ALTIMETER SETTING" FROM 8260-3 AND INOPERATIVE ALS NOTE WHEN USING MARTINSBURG ALTIMETER SETTING TO 8260-9 PART C: GENERAL REMARKS AS CONTINGENCY NOTE - 8260.19I, 8-6-9F(3).
10. REMOVED "LOC ONLY" FROM NOTES - NO LONGER REQUIRED BY CRITERIA.
11. REMOVED CHART NOTE "RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - NO PENETRATIONS EXIST.
12. 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.
13. ADDITIONAL FLIGHT DATA: ADDED ID TO "CHART FAS OBST: 761 POLE (24-020707) 394241N/0774128W" - PER CURRENT CRITERIA REQUIREMENT.
14. 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).
15. CHANGED WORUL FIX MINIMUMS S-LOC 27 CAT C AND D VISIBILITY FROM 5/8 SM TO 1/2 SM - PER UPDATED 8260.3E VIS TABLES.
16. CHANGED WORUL FIX MINIMUMS CIRCLING CAT D MDA/HAA FROM 1320/617 TO 1300/597 - NEW CONTROLLING OBSTACLE.
17. CHANGES FROM P-NOTAMS FOR AMDT 11A INCORPORATED INTO FORM - REQUIRED IAW 8260.19I PARA 8-3-4C(3).
18. DELETED CHART NOTE: "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.

QUALITY  
10  
CHECKED

**COORDINATED WITH:**

**A4A** ☒    **ALPA** ☒    **AOPA** ☒    **APA** ☐    **HAI** ☐    **NBAA** ☒    **OTHER:** ZDC, POTOMAC TRACON, KHGR ATCT, APT 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**

03/01/2023

**APPROVED BY**

CASIMIR TABAKA

*Digitally signed by*

**CASIMIR L TABAKA**

Jun 21, 2023

**OFFICE**

AJV-A432

**DATE**

**TITLE**  
MANAGER

QUALITY  
10  
CHECKED