

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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> KSGH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> SPRINGFIELD	<u>STATE</u> OH		
<u>AIRPORT ELEVATION</u> 1051	<u>TDZE</u> 1048	<u>SUPERSEDED</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 12/02/2021	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 AUGUST 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 058/30 CW 238/30	NOPT	058/15 CW 238/15		3000
2. 058/15 CW 238/15		MALPS	IF/IAF	2800
3. 238/30 CW 058/30		238/15 CW 058/15		3100
4. 238/15 CW 058/15		MALPS	IF/IAF	2800

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>
MALPS	IF/IAF	COSTS		TF	FB	1.00	148.09	6.00	2800
COSTS	FAF	MORNY/2.71 NM TO RW15		TF	FB	0.30	148.14	2.70	
MORNY/2.71 NM TO RW15		RW15	MAP	TF	FO	0.30	148.14	2.71	
RW15	MAP	1298 MSL		CA			148.14		
1298 MSL		ANDII		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW15

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT ANDII AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
34
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NW MALPS, RT, 148.09 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 2800.

3. FAF: 148.14FAF: COSTSDIST FAF TO MAP: 5.41DIST FAF TO THLD: 5.41

4. MIN ALT: MALPS 2800, COSTS 2800, MORNY/2.71 NM TO RW15 1940

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.69GS ANT:

6. MIN GP INCPT: 2800GP ALT AT PFAF : COSTS 2800OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 36.1

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 328.00 INBOUND.
CHART FAS OBST: 1176 ANTENNA (39-097259) 395046N/0835027W.
CHART VDP AT 1.13 NM TO RW15.
WAAS CHANNEL # 70345
REFERENCE PATH ID: W15A
CHART CIRCLING ICON.
LTP HAE: 284.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LPV DA	1298	3/4	250	1298	3/4	250	1298	3/4	250	1298	3/4	250			
LNAV/VNAV DA	1337	7/8	289	1337	7/8	289	1337	7/8	289	1337	7/8	289			
LNAV MDA	1440	1	392	1440	1	392	1440	1 1/8	392	1440	1 1/8	392			
CIRCLING	1480	1	429	1580	1	529	1580	1 1/2	529	1620	2	569			

CHANGES - REASONS

1. PROFILE LINE 4: ADDED "MALPS 2800" - IAW 8260.19I 8-6-7 D.

QUALITY
34
CHECKED

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☐ APA ☒ HAI ☐ NBAA ☒ OTHER: AMGR, ZID, SGH ATCT, DAY APP CON.

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by
JASON KRETSCHMER
May 17, 2023

DEVELOPED BY

JASON KRETSCHMER (DANIEL R. JOHNSON)

Digitally signed by

JASON KRETSCHMER

OFFICE

AJV-A423

DATE

03/13/2023

APPROVED BY

JASON KRETSCHMER

May 17, 2023

OFFICE

AJV-A420

DATE

TITLE
MANAGER

Digitally signed by

JASON KRETSCHMER

May 17, 2023

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSGH
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	395035.1990N
LTP/FTP LONGITUDE	0835055.6655W
LTP/FTP ELLIPSOIDAL HEIGHT	+02844
FPAP LATITUDE	394922.8850N
FPAP LONGITUDE	0834947.9920W
THRESHOLD CROSSING HEIGHT (TCH)	00036.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BE891B42

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03176
FPAP ORTHOMETRIC HEIGHT	+03176

