

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25**

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> DAYTON-WRIGHT BROTHERS	<u>AIRPORT ID</u> KMGY	<u>PROCEDURE NAME</u> LOC RWY 20	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> DAYTON	<u>STATE</u> OH	
<u>AIRPORT ELEVATION</u> 957	<u>TDZE</u> 955	<u>SUPERSEDED</u> LOC/DME RWY 20	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 09/28/2006	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> I-MGY	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
DQN VOR/DME	IAF	SNEZE INT/I-MGY 14.10 DME					136.00	18.50	3000
SNEZE INT/I-MGY 14.10 DME	IF/IAF	TALAC/5.84 DME					206.23	8.26 (I-MGY)	2600

MISSED APPROACH

MAP:

LOC: JIRDI/2.10 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 118 AND MXQ VOR/DME R-292 TO PETRO/8.29 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT SNEZE
3. FAC: 206.23 FAF: TALAC/5.84 DME DIST FAF TO MAP: DIST FAF TO THLD: 4.97
4. MIN ALT: SNEZE INT/I-MGY 14.10 DME 3000, TALAC/5.84 DME 2600, UBFOP/4.20 DME 2040
8. MSA FROM: DQN VOR/DME 090-270 3100, 270-090 2800 (30NM)

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.



ADDITIONAL FLIGHT DATA:

TALAC TO RW20: 3.04/40.
CHART IN PLANVIEW: DQN 18.50 DME AT SNEZE.
CHART CIRCLING ICON.
CHART FAS OBST: 1065 TREE 393538N/0841309W.
1249 AAO 394036N/0841024W.
HOLD W, LT, 112.00 INBOUND

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-LOC 20	1320	1 1/2	365	1320	1 1/2	365	1320	1 1/2	365	1320	1 1/2	365			
CIRCLING	1440	1 1/2	483	1520	1 1/2	563	1660	2	703	1660	2 1/4	703			

CHANGES - REASONS

1. APPROACH NAME CHANGED FROM LOC/DME RWY 20 TO LOC RWY 20 - IAW 8260.19H PARA 8-3-4B(7).
2. REMOVED CHART NOTES: VGSI AND DESENT ANGLES NOT COINCIDENT - NEW EVALUATION INDICATES ANGLES ARE COINCIDENT.
3. ADDED EQUIPMENT REQUIREMENTS NOTE: DME REQUIRED - IAW 8260.19H PARA 8-6-8 A(2)(B).
4. RAISED MSA SECTOR 270-090 FROM 2700 TO 2800 - NEW CONTROLLING OBST.
5. ADDED ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON - IAW 8260.19H PARA 8-6-10 T.
6. LOWERED CIRCLING CAT A MDA/HAA FROM 1480/523 TO 1440/483 - NEW CIRCLING RADII/CRITERIA APPLIED/NEW OBSTACLE EVALUATION.
7. RAISED CIRCLING CAT B/C MDA/HAA: CAT B FROM 1480/523 TO 1520/563 AND CAT C FROM 1520/563 TO 1660/703 - NEW CIRCLING RADII/CRITERIA APPLIED/NEW OBSTACLE EVALUATION.
8. RAISED CIRCLING CAT C VISIBILITY FROM 1 1/2 TO 2 - NEW VISCHECK VALUES.
9. REMOVED NOTES: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DQN VOR/DME VIA V12 WESTBOUND - V12 WAS CANCELLED 9-2018.
10. CHANGED ADDITIONAL FLIGHT DATA: FROM CHART 1264 TOWERS 394004N/0841002W TO 1249 AAO 394036N/0841024W - NEW OBST EVALUATION.
11. CHANGED MISSED APPROACH INSTRUCTIONS: FROM CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3000 VIA HEADING 118 AND VIA MXQ VOR/DME R-292 TO PETRO INT/MXQ 8.29 DME AND HOLD TO CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 118 AND MXQ VOR/DME R-292 TO PETRO/8.29 DME AND HOLD - IAW 8260.19H PARA 8-6-6 D(7), PETRO CHANGED TO A DME FIX.
12. REMOVED BACKUP ALTIMETER NOTE - MOVED TO -9 FOR CONTINGENCY PURPOSES - IAW 8260.19H PARA 8-6-9 F(3).
13. ADDED ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: DQN 18.50 DME AT SNEZE - IAW 8260.19H PARA 7-5-3.
14. CHANGED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS N/A TO RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - IAW 8260.19H PARA 8-6-11 K(3), 34:1 PENETRATIONS.
15. CHANGED TERMINAL ROUTES: DQN VOR/DME DISTANCE FROM 18.49 TO 18.50 - GEODESIC MEASUREMENT.
16. CHANGED FROM PETRO INT/MXQ 8.29 DME TO PETRO/8.29 DME - IAW 8260.19H PARA 8-2-6C(1).
17. ADDED MIN ALT: UBFOP/4.20 DME 2040 - STEPDOWN FIX TO KEEP CURRENT MINIMUMS AND NEW OBSTACLE EVALUATION.



AIRPORT

DAYTON-WRIGHT BROTHERS

AIRPORT ID

KMGY

PROCEDURE NAME

LOC RWY 20

ORIGINAL/AMENDMENT

1

CITY

DAYTON

STATE

OH

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: CEN FPT, ZID, DAY APP CON

FLIGHT CHECKED BY

SHAWN D MAXWELL

*Digitally signed by***WARDELL HENNING**

Jul 30, 2019

OFFICE

FICO

DATE

7/27/19

DEVELOPED BY

WARDELL HENNING (KENO HARTSHORN)

*Digitally signed by***WARDELL HENNING**

Jul 30, 2019

OFFICE

AJV-A432

DATE

04/19/2019

APPROVED BY

LONNIE EVERHART

*Digitally signed by***WARDELL HENNING**

Jul 30, 2019

OFFICE

AJV-A430

DATETITLE

MANAGER

QUALITY
24
CHECKED