

**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> KMWA	<u>PROCEDURE NAME</u> ILS OR LOC RWY 20	<u>ORIGINAL/AMENDMENT</u> 12C	<u>CITY</u> MARION	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 472	<u>TDZE</u> 468	<u>SUPERSEDED</u> ILS OR LOC RWY 20	<u>ORIGINAL/AMENDMENT</u> 12B	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-MWA	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
ENL VORTAC		JONNY LOM/MWA 5.45 DME					161.58	35.94	2100

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 4.57 NM AFTER JONNY LOM/MWA 5.45 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2000 DIRECT JONNY LOM/MWA 5.45 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
2. HOLD N JONNY LOM, LT, 201.66 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4900.
3. FAF: 201.66      FAF: JONNY LOM/MWA 5.45 DME      DIST FAF TO MAP: 4.57      DIST FAF TO THLD: 4.57
4. MIN ALT: JONNY LOM/MWA 5.45 DME 2000
5. DIST TO THLD FROM OM: 4.57      MM:      IM:      150 HAT:      GS ANT: 910
6. MIN GS INCPT: 2000      GS ALT AT FAF :      OM: 1990      MM:      IM:
7. GP ANGLE: 3.00      34:1:      20:1:      TCH: 49.9
8. MSA FROM: MW LOM 2700

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.  
ADF REQUIRED.



NOTES:

CHART NOTE: CIRCLING RWY 11 NA AT NIGHT.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ENL VORTAC AIRWAY RADIALS 110 CW 166.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 20 CAT C/D VISIBILITIES TO 1 SM

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 589 TREE 374643N/0890021W.  
CHART VDP AT 1.88 DME\*  
DISTANCE VDP TO THLD 1.00 NM.  
\*LOC ONLY.

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.

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 20	668	1/2	200	668	1/2	200	668	1/2	200	668	1/2	200			
S-LOC 20	840	1/2	372	840	1/2	372	840	5/8	372	840	5/8	372			
CIRCLING	920	1	448	940	1	468	940	1 1/2	468	1040	2	568			

CHANGES - REASONS

1. REMOVED ALT MISSED APPROACH - MWA TO BE DECOMMISSIONED DME BEING RETAINED.
2. REMOVED FEEDER SEGMENT FROM MWA - MWA TO BE DECOMMISSIONED DME BEING RETAINED.
3. REMOVED CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CARBONDALE-MURPHYSBORO ALTIMETER SETTING AND INCREASE ALL DA/MDAS 40 FEET - IAW 8260.19H 8-6-9 F (3).
4. RAISED S-LOC 20 CAT C VISIBILITY FROM 1/2 TO 5/8 - CONFORMS TO VISIBILITY TABLES.
5. LOWERED S-LOC 20 CAT D VISIBILITY FROM 3/4 TO 5/8 - CONFORMS TO VISIBILITY TABLES.
6. ADDED EQUIPMENT REQUIREMENT NOTE: DME REQUIRED - IAW 8260.19H 8-6-8 2 A.
7. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 20 CAT C/D VISIBILITIES TO 1 SM - IAW 8260.19H 8-6-8 O 3 (D).
8. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ENL VORTAC AIRWAY RADIALS 110 CW 166 - IAW 8260.19H 8-2-5 E.
9. ADDED ADDITIONAL FLIGHT DATA NOTE: CHART VDP AT 1.88 DME\*, DISTANCE VDP TO THLD 1.00 NM, \* LOC ONLY - IAW 8260.19H 8-6-10 N.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZKC, AMGR, MWA TWR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY

JOHN BORDY (JOSHUA DUGAN)

APPROVED BY

MARLON ROBINSON

Digitally signed by  
JOHN BORDY  
Nov 12, 2020

Digitally signed by  
JOHN BORDY  
Nov 12, 2020

OFFICE

OFFICE  
AJV-A422

OFFICE  
AJV-A420

Digitally signed by

JOHN BORDY  
Nov 12, 2020

DATE

DATE  
08/31/2020

DATE

TITLE  
MANAGER

