

**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><b>AIRPORT ID</b></u> M91	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 4	<u><b>ORIGINAL/AMENDMENT</b></u> 1D	<u><b>CITY</b></u> SPRINGFIELD	<u><b>STATE</b></u> TN		
<u><b>AIRPORT ELEVATION</b></u> 706	<u><b>TDZE</b></u> 701	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 4	<u><b>ORIGINAL/AMENDMENT</b></u> 1C	<u><b>DATED</b></u> 04/23/2020	<u><b>MAG VAR</b></u> 3W	<u><b>EPOCH YEAR</b></u> 2005
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 19 MAY 2022	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TAA**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>ALTITUDE</b>
1. 307/30 CW 350/30	NOPT	307/8 CW 350/8		3100
2. 307/8 CW 350/8		INICA	IF/IAF	3000
3. 350/30 CW 127/30	NOPT	INICA	IF/IAF	3000
4. 127/30 CW 307/30		INICA	IF/IAF	3100

**TERMINAL ROUTES**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>LEG TYPE</b>	<b>FO/FB</b>	<b>RNP</b>	<b>COURSE</b>	<b>DISTANCE</b>	<b>ALTITUDE</b>
INICA	IF/IAF	JOGNA		TF	FB	1.00	036.54	6.90	2500
JOGNA	FAF	NUDEXY/2.10 NM TO RW4		TF	FB	0.30	036.59	3.42	
NUDEXY/2.10 NM TO RW4		RW4	MAP	TF	FO	0.30	036.59	2.10	
RW4	MAP	1100 MSL		CA			036.59		
1100 MSL		CODCA		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LP: RW4

LNAV: RW4

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT CODCA AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
16  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW INICA, RT, 036.54 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC:

036.59

FAF:

JOGNA

DIST FAF TO MAP:

5.52

DIST FAF TO THLD:

5.52

4. MIN ALT: INICA 3000, JOGNA 2500, NUDXY/2.10 NM TO RW4 1400

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1

IS NOT CLEAR

20:1

IS CLEAR

TCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 216.72 INBOUND.  
CHART FAS OBST: 819 POWER LINE 363142N/0865532W.  
CHART VDP AT 1.13 NM TO RW04.  
WAAS CHANNEL # 86626  
REFERENCE PATH ID: W04A  
CHART CIRCLING ICON.  
JOGNA TO RW04: 3.00/40.  
LTP HAE: 183.9 M

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
LP MDA	1100	1	399	1100	1	399	1100	1 1/8	399	1100	1 1/8	399			
LNAV MDA	1100	1	399	1100	1	399	1100	1 1/8	399	1100	1 1/8	399			
CIRCLING	1140	1	434	1160	1	454	1360	1 3/4	654	1540	2 3/4	834			

QUALITY  
16  
CHECKED

CHANGES - REASONS

- CHANGED PBN EQUIPMENT REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I PARA 8-6-8B.
- REMOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHVILLE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET; INCREASE LP AND LNAV CAT C/D VISIBILITY AND CIRCLING CATS C/D VISIBILITY 1/4 MILE - UPDATED PER FDC NOTAM 1/6276 AND RELOCATED TO THE 8260-9 FOR CONTINGENCY PURPOSES, IAW 8260.19I, 8-6-9.F (3).
- ADDED VDP - 20:1 IS CLEAR.
- CRC REMAINDER CHANGED FROM: 6A6E48A6 TO: 2A9C56F6 - LTP LAT/LONG CHANGED (WITH IN CRITERIA TOLERANCE).

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZME, BNA APP CON, AMGR.

**FLIGHT CHECKED BY**

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

**OFFICE** *Digitally signed by*

**JON DENTON**

**DATE**

Feb 11, 2022

**DEVELOPED BY**

JON DENTON (GORDON LEMON)

*Digitally signed by*

**JON DENTON**

**OFFICE**

AJV-A432

**DATE**

12/10/2021

Feb 11, 2022

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*

**JON DENTON**

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER

Feb 11, 2022



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	M91
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	363149.4280N
LTP/FTP LONGITUDE	0865534.8495W
LTP/FTP ELLIPSOIDAL HEIGHT	+01839
FPAP LATITUDE	363303.7100N
FPAP LONGITUDE	0865433.6100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
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)	0.0
CRC REMAINDER	2A9C56F6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02135
FPAP ORTHOMETRIC HEIGHT	+02135

