

**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> MGW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> MORGANTOWN	<u>STATE</u> WV
<u>AIRPORT ELEVATION</u> 1244	<u>TDZE</u> 1244	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>DATED</u> 08/11/2022	<u>MAG VAR</u> 9W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> 2A	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2000
	<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 2025		<u>CANCEL/SUSPEND</u>	

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 315/30 CW 135/30	NOPT	315/5 CW 135/5		6000
2. 315/5 CW 135/5		DOCAY	IF/IAF	4500
3. 135/30 CW 225/30		135/5 CW 225/5		5200
4. 135/5 CW 225/5		ROEDS	IAF	4500
5. 225/30 CW 315/30		225/5 CW 315/5		6400
6. 225/5 CW 315/5		MTNER	IAF	4900

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>
ROEDS	IAF	DOCAY	NOPT	TF	FB	1.00	134.61	7.00	4500
MTNER	IAF	DOCAY	NOPT	TF	FB	1.00	314.77	7.00	4500
DOCAY	IF/IAF	KIRGE		TF	FB	1.00	044.69	5.61	3200
KIRGE	FAF	FEGOV/3.03 NM TO GIVVE		TF	FB	0.30	015.17	2.15	
FEGOV/3.03 NM TO GIVVE		GIVVE	MAP	TF	FO	0.30	015.17	3.03	
GIVVE	MAP	1700 MSL		CA			015.17		1700
1700 MSL		JOHNB		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LP: GIVVE
LNAV: GIVVE

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 4000 DIRECT JOHNB AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD SW DOCAY, LT, 044.69 INBOUND, 4500 FT. IN LIEU OF PT (IAF), MAX 6000.					
3.	FAC: 015.17	FAF: KIRGE	DIST FAF TO MAP: 5.17	DIST FAF TO THLD: 5.67		
4.	MIN ALT: DOCAY 4500, KIRGE 3200, FEGOV/3.03 NM TO GIVVE 2480					
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 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 13.79 DEGREES.

ADDITIONAL FLIGHT DATA:

FICTITIOUS THRESHOLD POINT (CFDWF) DO NOT CHART.
HOLD N, RT, 181.37 INBOUND.
CHART FAS OBST: 1660 TREE (54-037100) 393519N/0795431W, 1387 TREE (54-047514) 393711N/0795505W.
CHART VDP AT 0.59 NM TO GIVVE.
WAAS CHANNEL # 53642
REFERENCE PATH ID: W36A
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.
KIRGE TO RW36: 3.17/52.
CHART CIRCLING ICON.
FTP HAE: 346.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1000-3, CAT D 1500-3, 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
LP MDA	1640	1	396	1640	1	396	1640	1 1/8	396	1640	1 1/8	396			
LNAV MDA	1920	1	676	1920	1	676	1920	1 7/8	676	1920	1 7/8	676			
CIRCLING	1920	1	676	1920	1	676	2200	3	956	2660	3	1416			

CHANGES - REASONS

1. TERMINAL ROUTES IAF FROM ROEDS TO DOCAY: REPLACED FEEDER ROUTE FROM TEDDS WITH ROEDS (TAA LEFT BASE IAF); COURSE CHANGED FROM 162.05 TO 134.61, DISTANCE CHANGED FROM 12.40 NM TO 7.00 NM, ALTITUDE CHANGED FROM 4200 TO 4500 – ADDED TAA PER ATC REQUEST.

2. TERMINAL ROUTES IAF FROM MTNER TO DOCAY: ADDED MTNER (TAA RIGHT BASE IAF) – ADDED TAA PER ATC REQUEST.

3. TERMINAL ROUTES IF FROM DOCAY TO KIRGE: REMOVED STEPDOWN FIX DOUBT FROM PROCEDURE; COURSE CHANGED FROM 45.86 TO 44.69, DISTANCE CHANGED FROM 4.00 NM TO 5.61 NM – PER ATC REQUEST.

4. TERMINAL ROUTES FAF KIRGE TO SDF: CHANGED STEPDOWN “FEGOV/2.29 NM TO GIVVE” TO “FEGOV/3.03 NM TO GIVVE” – NEW CONTROLLING OBSTACLE; RAISED FIX ALTITUDE TO MAINTAIN 3.17 DEGREE GLIDEPATH.

5. TERMINAL ROUTES FROM SDF TO GIVVE: CHANGED FROM POINT “FEGOV/2.29 NM TO GIVVE” TO “FEGOV/3.03 NM TO GIVVE” – NEW CONTROLLING OBSTACLE; RAISED FIX ALTITUDE TO MAINTAIN 3.17 DEGREE GLIDEPATH.

6. TERMINAL ROUTES FROM MAP GIVVE TO CA ALT 1700FT: COURSE CHANGED FROM 016.77 TO 001.37 – NEW HOLDING FIX JOHNB PER ATC REQUEST.

7. TERMINAL ROUTES CA ALT 1700FT TO JOHNB: REMOVED TEDDS AND ADDED JOHNB - PER ATC REQUEST.

8. MISSED APPROACH INSTRUCTIONS: CHANGED “CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 4000 DIRECT TEDDS AND HOLD” TO “CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 4000 DIRECT JOHNB AND HOLD” – NEW HOLDING FIX PER ATC REQUEST.

9. PROFILE LINE 2: CHANGED H-I-L OF PT AT DOCAY COURSE/ALTITUDE FROM “045.86 INBOUND, 4000 FT” TO “044.69 INBOUND, 4500 FT”; FIX MOVED .54 NM TO THE SOUTHEAST AND RAISED ALTITUDE – PER ATC REQUEST.

10. PROFILE LINE 3: CHANGED FAC FROM 016.77 TO 015.17; DIST FAF TO MAP FROM 4.54 TO 5.17; DIST FAF TO THLD FROM 5.05 TO 5.67 – FIXES MOVED PER ATC REQUEST.

11. PROFILE LINE 7: CHANGED MIN ALTS DOCAY FROM 4000 TO 4500, KIRGE FROM 3000 TO 3200, STEPDOWN FROM FEGOV/2.29 NM TO GIVVE 2240 TO FEGOV/3.03 NM TO GIVVE 2480 – NEW EVALUATION; 8260.19 PARA 8-6-7 D.

12. PROFILE LINE 8: REMOVED MSA - 8260.19 PARA 8-6-7 G(4).

13. PBN REQUIREMENT NOTE: CHANGED “RNP APCH” TO “RNP APCH – GPS” – 8260.19 PARA 8-6-8D

14. NOTES: REMOVED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TEDDS ON V144 WESTBOUND AND V37 NORTHBOUND – FIX REMOVED PER ATC REQUEST

15. NOTES: ADDED CHART NOTE: VDP NA WHEN USING CKB ALIMETER SETTING – 8260.19 PARA E(9).

16. NOTES: CHANGED CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 15.39 DEGREES TO FINAL APPROACH COURSE OFFSET 13.79 DEGREES – FINAL APPROACH SEGMENT SHIFTED DUE TO NEW FIX PLACEMENTS PER ATC REQUEST.

17. ADDITIONAL FLIGHT DATA: CHANGED “HOLD W, LT, 109.41 INBOUND” TO “HOLD N, RT, 181.37 INBOUND” – MISSED APPROACH HOLDING MOVED FROM TEDDS TO DOCAY.

18. ADDITIONAL FLIGHT DATA: REMOVED “CHART FAS OBST: 1459 TOWER 393623N0795536W, 1374 TREE 393711N/0795505W” – NEW EVALUATION, 8260.19 PARA 8-6-11(M).

19. ADDITIONAL FLIGHT DATA: ADDED “CHART FAS OBST: 1660 TREE (54-037100) 393519N/0795431W, 1387 TREE (54-047514) 393711N/0795505W - NEW EVALUATION, 8260.19 PARA 8-6-11(M).

20. ADDITIONAL FLIGHT DATA: REMOVED “CHART 1656 TREE 393519N/0795430W, 2323 AAO 393221N/0795403W, 2007 AAO 393314N/0795436W.” - NEW EVALUATION, 8260.19 PARA 8-6-11(M).

21. ADDITIONAL FLIGHT DATA: MOVED 7:1 OBSTACLES “2136 AAO 393215.00N/0795439.00W, 1726 AAO 393448.00N/0795457.00W, 2310 AAO 393157.00N/0795415.00W, 1756 AAO 393424.00N/0795503.00W” TO GENERAL REMARKS - NEW EVALUATION, 8260.19 PARA 8-6-11(M).

22. ADDITIONAL FLIGHT DATA: UPDATED VDP FROM “1.08 NM TO GIVVE” TO “0.59 NM TO GIVVE” – NEW EVALUATION, 8260.19 PARA 8-6-11(M).

23. ADDITIONAL FLIGHT DATA: UPDATED FAC CROSSES RWY C/L EXTENDED FROM 3100 FT TO 3000 FT – NEW EVALUATION, 8260.19 PARA 8-6-11(M).

24. ADDITIONAL FLIGHT DATA: UPDATED “KIRGE TO RW36: 3.18/52” TO “KIRGE TO RW36 3.17/52” – NEW EVALUATION, 8260.19 PARA 8-6-11(M).

25. MINIMUMS: INCREASED LNAV MDA MINIMUMS ALL CATS DA/MDA FROM “1720/476” TO “1920/676” AND INCREASED VIS MINIMUMS CAT C/D FROM “1 3/8” TO “1 7/8” – NEW EVALUATION AND CONTROLLING OBSTACLE, 8260.3 TABLE 3-3-1.

26. MINIMUMS: INCREASED CIRCLING DA/MDA CAT A FROM “1800” TO “1920”, CAT B FROM “1840” TO “1920”, CAT C FROM “2160” TO “2200”, CAT D FROM “2640” TO “2660” - NEW EVALUATION AND CONTROLLING OBSTACLE, 8260.3 TABLE 3-3-1.

27. MINIMUMS: INCREASED CIRCLING VIS CAT C FROM “2 ¾” TO “3” - NEW EVALUATION AND CONTROLLING OBSTACLE, 8260.3 TABLE 3-3-1.

28. FAS DATA BLOCK: CHANGED CRC REMAINDER FROM 2CACA68D TO 19811D4A, FTP CHANGED FROM 393811.4670N/0795448.1560W TO 393811.5685N/0795449.5585W, FPAP CHANGED FROM 393939.8195N/0795432.5350W TO 393940.2235N/0795437.1370W, GPA CHANGED FROM 3.18 TO 3.17.

COORDINATED WITH:

A4A

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ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZOB, CKB APP CON, MGW ATCT, ARPT MGR.

Digitally signed by

FLIGHT CHECKED BY

RAKE MCGRAW

OFFICE

DATE

JEREMY R VIRTIS

May 01, 2025

AJF

04/30/2025

DEVELOPED BY

JOHN BORDY (DUSTIN HILLEY)

Digitally signed by

DUSTIN J HILLEY

OFFICE

AJV-A422

DATE

08/23/2024

Jan 10, 2025

APPROVED BY

JOHN BORDY

Digitally signed by

RAKE MCGRAW

OFFICE

AJV-33

DATE

May 01, 2025

TITLE

MANAGER



AIRPORT ID
MGW

PROCEDURE NAME
RNAV (GPS) RWY 36

ORIGINAL/AMENDMENT
3

CITY
MORGANTOWN

STATE
WV

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMGW
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	393811.5685N
LTP/FTP LONGITUDE	0795449.5585W
LTP/FTP ELLIPSOIDAL HEIGHT	+03466
FPAP LATITUDE	393940.2235N
FPAP LONGITUDE	0795437.1370W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.17
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0

CRC REMAINDER	19811D4A
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03790
FPAP ORTHOMETRIC HEIGHT	+03790