

**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> KMGW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 2	<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SUPERSEDED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>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 9W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 APRIL 2021	<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
TEDDS		CEBAY		TF	FB	1.00	162.05	12.40	4200
CEBAY	IAF	DOCAV	NOPT	TF	FB	1.00	090.04	7.00	4000
DOCAV	IF/IAF	DOUBT		TF	FB	1.00	045.86	4.00	3200
DOUBT		KIRGE		TF	FB	1.00	045.90	2.06	3000
KIRGE	FAF	FEGOV/2.29 NM TO GIVVE		TF	FB	0.30	016.77	2.25	
FEGOV/2.29 NM TO GIVVE		GIVVE	MAP	TF	FO	0.30	016.77	2.29	
GIVVE	MAP	1700 MSL		CA			016.77		1700
1700 MSL		TEDDS		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 TEDDS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD SW DOCAY, LT, 045.86 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 016.77 **FAF:** KIRGE **DIST FAF TO MAP:** 4.54 **DIST FAF TO THLD:** 5.05
- 4. **MIN ALT:** DOCAY 4000, DOUBT 3200, KIRGE 3000, FEGOV/2.29 NM TO GIVVE 2240
- 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:** GIVVE 4500

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TEDDS ON V144 WESTBOUND AND V37 NORTHBOUND.
 CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 15.39 DEGREES.

ADDITIONAL FLIGHT DATA:

FICTITIOUS THRESHOLD POINT (CFDWF) DO NOT CHART.
 HOLD W, LT, 109.41 INBOUND.
 CHART FAS OBST: 1459 TOWER 393623N/0795536W, 1374 TREE 393711N/0795505W.
 CHART 1656 TREE 393519N/0795430W.
 2323 AAO 393221N/0795403W, 2007 AAO 393314N/0795436W.
 CHART VDP AT 1.08 NM TO GIVVE.
 WAAS CHANNEL # 53642
 REFERENCE PATH ID: W36A
 FAC CROSSES RWY C/L EXTENDED 3100 FT FROM THLD.
 CHART CIRCLING ICON.
 KIRGE TO RW36: 3.18/52.
 FTP HAE: 346.6 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT C 1000-2 3/4, CAT D 1400-3, 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	1720	1	476	1720	1	476	1720	1 3/8	476	1720	1 3/8	476				
CIRCLING	1800	1	556	1840	1	596	2160	2 3/4	916	2640	3	1396				



CHANGES - REASONS

1. CHANGED FEEDER TEDDS-CEBAY RNP FROM 2.0 TO 1.0 IN TERMINAL ROUTES. - IAW 8260.19H 8-6-4 A. (6).
2. CHANGED INTERMEDIATE DOCAV-DOUBT COURSE FROM 046.13 TO 045.86 AND DOUBT-KIRGE COURSE/DIST FROM 046.16/2.01 TO 045.90/2.06 IN TERMINAL ROUTES. - NEW EVAL COMPLETED AND MOVED IF SDF/FAF.
3. CHANGED FROM "FEGOV/2.33 NM" TO "FEGOV/2.29 NM" IN TERMINAL ROUTES AND PROFILE LINE 4. - NEW EVAL COMPLETED AND FAF/FINAL SDF MOVED.
4. CHANGED KIRGE-FEGOV DIST FROM 2.27 TO 2.25 AND FEGOV-GIVVE DIST FROM 2.33 TO 2.29 IN TERMINAL ROUTES. - NEW EVAL COMPLETED AND FAF/FINAL SDF MOVED.
5. CHANGED DIST FAF TO MAP/DIST FAF TO THLD FROM 4.60/5.09 TO 4.54/5.05 IN LINE 3. - NEW EVAL COMPLETED AND FAF/FINAL SDF MOVED.
6. CHANGED VDA FROM 3.15 TO 3.18 IN ADDITIONAL FLIGHT DATA AND FAS DATA. - AVOID TERRAIN SOUTHEAST OF AIRPORT.
7. CHANGED 7:1 OBST'S FROM 1840 AAO 393252N/0795453W, 2080 AAO 393254N/0795427W TO 2323 AAO 393221N/0795403W, 2007 AAO 393314N/0795436W IN ADDITIONAL FLIGHT DATA. - NEW EVAL COMPLETED WITH NEW OBST'S.
8. RAISED CIRCLING CAT B MINS FROM 1800/556 TO 1840/596. - NEW EVAL COMPLETED WITH NEW OBST'S.
9. CHANGED CRC FROM 20F04E80 TO 2CACA68D IN FAS DATA. - FTP CHANGED FROM 393810.3800N/0795448.3490W TO 393811.4670N/0795448.1560W AND FPAP CHANGED FROM 393938.7320N/0795432.7330W TO 393939.8195N/0795432.5350W.
10. CHANGED H-I-L COURSE FROM 046.13 TO 045.86 AND MAX ALT FROM 10000 TO 6000 IN LINE 2. - NEW EVAL AND MOVED FAF.
11. ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE TO ALT MINS. - IAW 8260.19H 8-6-11 B.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZOB, CKB APCH, MGW ATCT, ARPT MGR

FLIGHT CHECKED BY

JEREMY R VIRTS

Digitally signed by

JOHN BORDY

Feb 10, 2021

OFFICE

FICO

DATE

02/08/2021

DEVELOPED BY

JOHN BORDY (ANDRE TUCKER)

Digitally signed by

JOHN BORDY

Feb 10, 2021

OFFICE

AJV-A422

DATE

06/18/2020

APPROVED BY

MARLON ROBINSON

Digitally signed by

JOHN BORDY

Feb 10, 2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER



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	393811.4670N
LTP/FTP LONGITUDE	0795448.1560W
LTP/FTP ELLIPSOIDAL HEIGHT	+03466
FPAP LATITUDE	393939.8195N
FPAP LONGITUDE	0795432.5350W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.18
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	2CACA68D

ADDITIONAL PATH POINT RECORD INFORMATION

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

