

**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> KGVQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> BATAVIA	<u>STATE</u> NY		
<u>AIRPORT ELEVATION</u> 914	<u>TDZE</u> 914	<u>SUPERSEDED</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 11W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 DECEMBER 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>
GEE VOR/DME		WUPIT		TF	FB	1.00	284.85	31.81	4000
WUPIT	IAF	KABVE		TF	FB	1.00	011.65	10.00	4000
KABVE	IF	ZIGMI		TF	FB	1.00	101.65	7.00	2500
ZIGMI	FAF	UFBIL/2.50 NM TO RW10		TF	FB	0.30	101.75	2.36	
UFBIL/2.50 NM TO RW10		RW10	MAP	TF	FO	0.30	101.75	2.50	
RW10	MAP	1114 MSL		CA			101.75		
1114 MSL		POCZI		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT POCZI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT KABVE

3. FAC: 101.75

FAF: ZIGMI

DIST FAF TO MAP: 4.86

DIST FAF TO THLD: 4.86

4. MIN ALT: KABVE 4000, ZIGMI 2500, UFBIL/2.50 NM TO RW10 1740

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT: 0.51

GS ANT:

6. MIN GP INCPT: 2500

GP ALT AT FAF : ZIGMI 2500

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 40.3

8. MSA FROM: RW10 3600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GEE VOR/DME AIRWAY RADIALS 287 CW 314.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 281.98 INBOUND.
CHART FAS OBST: 1005 TOWER (36-000537) 430148N/0781112W.
CHART VDP AT 0.96 NM TO RW10.
WAAS CHANNEL # 82421
REFERENCE PATH ID: W10A
LTP HAE: 243 M

MINIMUMS:

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

ALTERNATE: NA ☐ 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
LPV DA	1114	3/4	200	1114	3/4	200	1114	3/4	200	1114	3/4	200			
LNAV/VNAV DA	1168	3/4	254	1168	3/4	254	1168	3/4	254	1168	3/4	254			
LNAV MDA	1260	1	346	1260	1	346	1260	1	346	1260	1	346			
CIRCLING	1380	1	466	1380	1	466	1380	1 1/2	466	1480	2	566			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM PREVIOUS P-NOTAM INTO FORM.
2. DELETED INITIAL SEGMENT FROM BUF VOR/DME TO KABVE AND ALL ASSOCIATED NOTES - VOR MON CHANGING BUF VOR/DME TO A DME FACILITY.
3. UPDATED COURSE FROM UFBIL (SDF) TO RW10 THRESHOLD (MAP) FROM 101.79 TO 101.75 - RECALCULATED COURSE.
4. UPDATED VDP DISTANCE FROM 0.97 NM TO 0.96 NM - THLD/TDZE ELAVATION CHANGED FROM 912 TO 914.
5. DELETED FROM ADDITIONAL FLIGHT DATA *LNAV ONLY - IAW 8260.19, PARA 8-6-7 (D) AND PARA 8-6-10 (M).
6. UPDATED CA LEG ALTITUDE AND COURSE FROM 1112 MSL/101.79 TO 1114 MSL/101.75 - CHANGED FROM THRE 912 TO TDZE 914 AND RECALCULATED COURSE.
7. ADDED TO LINE 7 20:1 IS CLEAR - IAW 8260.19, PARA 8-6-7 (G).
8. ADDED ALTERNATE MINIMUMS AND STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE - IAW 8260.19, PARA 8-6-11 (B).
9. UPDATED CHART NOTE: FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 38C (100F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C - IAW 8260.19, PARA 8-6-9 (R).
10. DELETED CHART NOTE: DME/DME RNP -0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS - IAW 8260.19, PARA 8-6-8.
11. UPDATED CHART PLANVIEW NOTE FROM: PROCEDURE NA FOR ARRIVALS ON GEE VOR/DME AIRWAY RADIALS 204 CW 314 TO PROCEDURE NA FOR ARRIVAL ON GEE VOR/DME AIRWAY RADIALS 287 CW 314 - UPDATED AIRWAY DATA.
12. REMOVED BACK-UP ALTIMETER NOTES AND PLACED THEM ON THE 8260-9 GENERAL REMARKS - AIRPORT ON WMSCR.
13. UPDATED LNAV/VNAV VISIBILITY FROM 7/8 TO 3/4 SM ALL CATS - UPDATED VISIBILITY TABLE IAW 8260.3E TABLE 3-3-1 MINIMUM VISIBILITY VALUES.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOB, ROC APP CONTROL, AIRPORT MANAGER

FLIGHT CHECKED BY

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

OFFICE**DATE****DEVELOPED BY**

FRANK JACKSON JR

Digitally signed by

FRANK JACKSON

Aug 06, 2021

Digitally signed by

DONALD H LANIER

Aug 10, 2021

OFFICE

AJV-A431

DATE

08/04/2021

APPROVED BY

LONNIE EVERHART

Digitally signed by

DONALD H LANIER

Aug 10, 2021

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGVQ
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	430154.7065N
LTP/FTP LONGITUDE	0781047.7845W
LTP/FTP ELLIPSOIDAL HEIGHT	+02430
FPAP LATITUDE	430153.4000N
FPAP LONGITUDE	0780846.3100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.3
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)	35.0
CRC REMAINDER	525B20BA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02779
FPAP ORTHOMETRIC HEIGHT	+02779

