

**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> 8G2	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> CORY	<u>STATE</u> PA
<u>AIRPORT ELEVATION</u> 1766	<u>TDZE</u> 1746	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>DATED</u> 08/11/2022	<u>MAG VAR</u> 10W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2005
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 053/30 CW 233/30	NOPT	EKOYE	IF/IAF	4200
2. 233/30 CW 323/30		AYOSO	IAF	4000
3. 323/30 CW 053/30		DUDAY	IAF	4000

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>
AYOSO	IAF	EKOYE	NOPT	TF	FB	1.00	232.60	5.00	3600
DUDAY	IAF	EKOYE	NOPT	TF	FB	1.00	052.50	5.00	3600
EKOYE	IF/IAF	BUSYA		TF	FB	1.00	142.55	6.10	3400
BUSYA	FAF	GOLEC/3.00 NM TO RW14		TF	FB	0.30	142.61	2.15	
GOLEC/3.00 NM TO RW14		RW14	MAP	TF	FO	0.30	142.61	3.00	
RW14	MAP	2140 MSL		CA			142.61		
2140 MSL		CUXOM		DF	FO	1.00			3600

MISSED APPROACH

MAP:

LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT CUXOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
13
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD NW EKOYE, LT, 142.55 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.					
3.	FAC:	142.61	FAF:	BUSYA	DIST FAF TO MAP:	5.15
4.	MIN ALT:	EKOYE 3600, BUSYA 3400, GOLEC/3.00 NM TO RW14 2700				
5.	DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6.	MIN GP INCPT:	GP ALT AT FAF:			OM:	MM:
7.	GP ANGLE:	34:1:	IS NOT CLEAR	20:1:	IS NOT CLEAR	TCH:
8.	MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE JHW ALTIMETER SETTING; WHEN NOT RECEIVED, USE GKJ ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET; INCREASE LNAV CAT C VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART JAMESTOWN AWOS-3
1989 AAO 415658N/0794158W
HOLD SE, RT, 322.80 INBOUND.
CHART FAS OBST: 1819 TREE 415639N/0794038W.
BUSYA TO RW14: 3.04/40.

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
LNAV MDA	2140	1	394	2140	1	394	2140	1 1/8	394		NA				

CHANGES - REASONS

1. TAA: RAISED TAA SECTION 053/30 CW 233/30 FROM 4000 TO 4200, AND ADDED NOPT DISIGNATION– NEW CONTROLLING OBS, CLEAR NOTAM! FDC 3/2429, CURRENT STANDARDS.
2. NOTES: CHANGED BACK UP ALTIMETER NOTE FROM “CHART NOTE: USE JAMESTOWN NY ALTIMETER SETTING; WHEN NOT RECEIVED, USE MEADVILLE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET; INCREASE LNAV CAT C VISIBILITY 1/4 SM” TO “CHART NOTE: USE JHW ALTIMETER SETTING; WHEN NOT RECEIVED, USE GKJ ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET; INCREASE LNAV CAT C VISIBILITY 1/4 SM.” – CURRENT DOCUMENTATION STANDARDS.
3. TERMINAL ROUTES: REMOVED 1.00 RNP FROM MISSED APPROACH CA LEG – NOT REQUIRED.
4. TERMINAL ROUTES: CHANGED THE RNP VALUE FOR THE INTERMEDIATE SEGMENT FROM EKOYE TO BUSYAFROM 0.50 RNP TO 1.00 RNP – 8260.58C 3-1-4.



COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:

ZOB ARTCC, ERI APCH, AMGR

FLIGHT CHECKED BY

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

Digitally signed by

RAKE MCGRAW

Mar 28, 2025

OFFICE

DATE

DEVELOPED BY

JANTZEN TAYLOR

Digitally signed by

JANTZEN L TAYLOR

Dec 13, 2024

OFFICE

DATE

AJV-A422

10/29/2024

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Mar 28, 2025

OFFICE

DATE

TITLE

AJV-A422

MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
8G2	RNAV (GPS) RWY 14	1C	CORRY	PA	1766	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 053/30 CW 233/30 **TO** EKOYE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (36-000418)	420303.07N/0794519.36W	2178	250	50	4D	2000					4200
TERRAIN	420324.00N/0794454.00W	1825 (1800)								AS1500	3300

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM 233/30 CW 323/30 **TO** AYOSO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	420157.00N/0790339.00W	2361	164	98	4E	2000				MT-361	4000
TERRAIN	420157.00N/0790339.00W	2261 (2300)								AS1500	3800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

323/30 CW 053/30

TO

DUDAY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>			<u>HMAS</u>	
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	414726.46N/0792154.04W	2049	50	20	2C	2000				MT-49	4000
TERRAIN	414726.46N/0792154.04W	1949 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

AYOSO

TO

EKOYE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (36-000418)	420303.00N/0794519.00W	2178	250	50	4D	1000				AT422	3600
TERRAIN	420324.00N/0794454.00W	1825 (1800)								AS1500	3300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

DUDAY

TO

EKOYE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (42-002625)	420045.40N/0795048.60W	1896	50	3	2A	1000				AT704	3600
TERRAIN	420040.10N/0795105.10W	1631 (1600)								AS1500	3100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

EKOYE (IF/IAF)

TO

BUSYA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	6.10										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (36-000418)	420303.00N/0794519.00W	2178	250	50	4D	500					2700
TERRAIN	415924.00N/0794400.00W	1851 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

BUSYA

TO

GOLEC/3.00 NM TO RW14

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.15										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	415839.42N/0794248.55W	2079	50	20	2C	250				RA142 DG229	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

GOLEC/3.00 NM TO RW14

TO

RW14

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.00		RW14		394						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	415638.79N/0794037.89W	1819	50	20	2C	250				RA62	2140

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM
EKOYE

TO
P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (36-000418)	420303.00N/0794519.00W	2178	250	50	4D	1000				AT422	3600
TERRAIN	420324.00N/0794454.00W	1825 (1800)								AS1500	3300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM
RW14

TO
CUXOM

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1978			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3600
TOWER (42-001974)	414732.21N/0792617.68W	2295	500	50	5D	1000					3300
TERRAIN	415030.00N/0793033.00W	1943 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

100' VEGETATION HEIGHT USED PER PREVIOUS PROCEDURES



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZOB ARTCC, ERI APP CON

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3PT	JHW	24	JHW	22.58	Y	58
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	GKJ	24	GKJ	30.73	Y	123

WX REMARKS:

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW14 - REIL (PCL), MIRL (PCL)	NPI-G		
RW32 - MIRL (PCL), REIL (PCL)	NPI-G		

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL " PENETRATIONS

FINAL TYPE	LNAV
20:1	
1722 TREE (42-147325) 415445.0200N/0793852.8500W (6.98)	
1708 TREE (42-147324) 415443.3800N/0793850.8300W (4.22)	
FINAL TYPE	LNAV
34:1	
1710 TREE (42-031441) 415443.5300N/0793853.1600W (5.02)	
1702 FENCE (42-021216) 415443.6000N/0793849.9800W (2.08)	
1704 BUILDING (42-021215) 415443.5600N/0793851.3600W (1.91)	
1709 TREE (42-031442) 415445.5900N/0793852.7800W (0.49)	

PENETRATIONS REMARKS:



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - ALTIMETER ADJUSTMENTS IN USE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CIRCLING WAS REMOVED FROM PROCEDURE ON AMDT 1A

LPV AND LNAV/VNAV MINIMUMS WERE REMOVED ON AMDT 1B . - PERMANENT GQS PENETRATIONS IDENTIFIED BY PENN SAFETY INSPECTOR AND FPT.

NOTE "PROCEDURE NA AT NIGHT". - PERMANENT GQS PENETRATIONS IDENTIFIED BY PENN SAFETY INSPECTOR AND FPT.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.65
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.77
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	132.61
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1879
DISTANCE FROM	THLD	TO 1500FT POINT	5.15
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.00
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	132.61
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1879

THRESHOLD COORDINATES (IF STR-IN)	415440.93N/0793847.70W
ARP COORDINATES	415427.20N/0793827.80W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 32 DISTANCE 0.34 NM
FAF COORDINATES	415810.31N/0794352.24W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

AYOSO 420559.10N/0794521.23W, DUDAY 415836.90N/0795425.74W, EKOYE 420218.09N/0794953.75W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JANTZEN TAYLOR	AJV-A422	10/29/2024	AERONAUTICAL INFORMATION SPECIALIST

