

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> X06	<u>PROCEDURE NAME</u> RNAV (GPS)-A	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> ARCADIA	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 63	<u>TDZE</u>	<u>SUPERSEDED</u> RNAV (GPS)-A	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 02/25/2021	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
CHARO	IAF	WOMRI	NOPT	TF	FB	1.00	043.42	10.31	2000
WOMRI	IF/IAF	ZISMU		TF	FB	1.00	058.33	4.27	1700
ZISMU	FAF	VUYUY/1.95 NM TO RW06		TF	FB	0.30	058.38	3.08	
VUYUY/1.95 NM TO RW06		RW06	MAP	TF	FO	0.30	058.38	1.95	
RW06	MAP	1400 MSL		CA			058.38		1400
1400 MSL		ROGAN		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LNAV: RW06

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 2000 DIRECT ROGAN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. REMOVED TAA - IFP/ATC CHECKLIST REQUEST.
2. TERMINAL ROUTES: ADDED IAF AT CHARO TO WOMRI (IF/IAF) - IFP/ATC CHECKLIST REQUEST.
3. TERMINAL ROUTES: CHANGED WOMRI TO ZISMU COURSE FROM "058.34" TO "058.33 - ZISMU MOVED 5.48 FT, UPDATED FAF LOCATION IN TARGETS.
4. TERMINAL ROUTES: CHANGED "ZISMU TO VUYUY/2.00 NM TO RW06" TO "ZISMU TO VUYUY/1.95 NM TO RW06", CHANGE COURSE FROM "058.37" TO 058.38, CHANGED DIST FROM "3.03" TO "3.08"- VUYUY FIX MOVED NE 317.14 FEET, UPDATED CALCULATION IN TARGETS.
5. TERMINAL ROUTES: CHANGED "VUYUY/2.00 NM TO RW06 TO RW06" TO "VUYUY/1.95 NM TO RW06 TO RW06", CHANGED COURSE FROM "058.37" TO "058.38", CHANGED DIST FROM "2.0" TO "1.95" - VUYUY FIX MOVED NE 317.14 FEET, UPDATED CALCULATION IN TARGETS.
6. TERMINAL ROUTES: UPDATED RW06 TO 1400 MSL COURSE FROM 058.37 TO 058.38 - UPDATED CALCULATION IN TARGETS.
7. PROFILE LINE 3: CHANGED FAC FROM 058.37 TO 058.38 - UPDATED CALCULATION IN TARGETS.
8. PROFILE LINE 4: CHANGED VUYUY/2.00 NM TO VUYUY/1.95 NM - VUYUY FIX MOVED NE 317.14 FEET.
9. PROFILE LINE 8: ADDED "ARP X06 2800" - IAW 8260.3E PARA 2-3-2.B.(2).
- 10 CHANGED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I PARA 8-6-8.B.(2).
11. NOTES: ADDED "CHART NOTE: RWY 06, 24 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - NO RWY SURVEY, 20:1 PENETRATIONS ASSUMED.
12. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM "119 TREE 271200N/0815036W" TO "164 TREE 271203N/0815038W" - NEW CONTROLLING OBSTACLE.
13. CHANGED CIRCLING CAT B MDA/HAA FROM "680/617" TO "700/637" - NEW REMOTE ALTIMETER ADJUSTMENT.

COORDINATED WITH:

~~A4A~~ ☐ ~~ALPA~~ ☒ ~~AOPA~~ ☒ ~~APA~~ ☐ ~~HAI~~ ☐ ~~NBAA~~ ☒ **OTHER:** ZMA, MIS FSS, AMGR

FLIGHT CHECKED BY*Digitally signed by***CASIMIR L TABAKA**

Aug 10, 2023

OFFICE

FPO

DATE

08/09/2023

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

*Digitally signed by***CASIMIR L TABAKA**

Jun 28, 2023

OFFICE

AJV-A432

DATE

04/11/2023

APPROVED BY

CASIMIR TABAKA

*Digitally signed by***CASIMIR L TABAKA**

Jun 28, 2023

OFFICE

AJV-A432

DATE**TITLE**
MANAGER

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
X06	RNAV (GPS)-A	1	ARCADIA	FL	63	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
CHARO

TO
WOMRI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	10.31										
<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 (12-003848)	265903.00N/0820233.00W	509	50	20	2C	1000				AT491	2000
TERRAIN	270648.00N/0820000.00W	39 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM
WOMRI (IF/IAF)

TO
ZISMU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	4.27											
<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 (12-004316)	270709.00N/0820009.00W		284	50	20	2C	500				AT916	1700
TERRAIN	270715.00N/0815457.00W		49 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LNAV

FROM
ZISMU

TO
VUYUY/1.95 NM TO RW06

RNP	DISTANCE 3.08	PAT	MAP	HAT			HMAS						
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
AAO	270907.06N/0815304.60W		250	50	20	2C	250				RA89 DG131	720	

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM
VUYUY/1.95 NM TO RW06

TO
RW06

RNP	DISTANCE 1.95	PAT	MAP RW06	HAT			HMAS						
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
TREE	271203.22N/0815038.35W		164	50	20	2C	250				RA49 DG97	560	

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

WOMRI

TO

P-4

RNP	DISTANCE	PAT P-4	MAP	HAT			HMAS				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-004690)	270102.00N/0820759.00W	340	50	20	2C	1000				AT660	2000
TERRAIN	271009.00N/0815630.00W	49 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM

RW06

TO

ROGAN

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
411												
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2000
TOWER (12-004093)	271430.00N/0815139.00W		549	500	50	5D	1000					1600
TERRAIN	271730.00N/0814751.00W		82 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TOWER (12-168447)	271310.61N/0814958.72W	1.30	497	194	20	3	1A	300		RA49	560
CATEGORY B											
TOWER (12-003308)	271256.24N/0815133.69W	1.81	637	332	50	20	2C	300		RA49	700

CIRCLING REMARKS:

MSA

CENTER
ARP X06

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (12-002454)	272431.15N/0821459.32W	306	25.4	1749	100	20	3C	1000			2800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZMA ARTCC, MIA FSS

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KPGD	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KPGD	<u>DISTANCE</u> 18.54	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 49
<u>BACK-UP WX SERVICE</u> AWOS-3	<u>LOCATION</u> KSEF	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KSEF	<u>DISTANCE</u> 30.76	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 71

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KX06 63, KPGD 20
RASS = 48.7
KX06 63, KSEF 62
RASS = 71.0

<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>
RW06 - MIRL (PCL), PAPI-2L (PCL)		NPI-F	
RW24 - MIRL (PCL)		NPI-F	

<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>
<u>FINAL APPROACH COURSE AIMING</u>						
RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE			
ON CENTERLINE	☒	FT FROM CENTERLINE				
<u>CRITICAL TEMPERATURES</u>						
<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>			

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:
VDP NOT ESTABLISHED - REMOTE ALTIMETER, PROCEDURE IS CIRCLING ONLY.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
100 FT VEGETATION USED PER FPT.
CIRCLING NA RWY 14/32 - TURF RUNWAY.
PROCEDURE NA AT NIGHT DUE TO NO RUNWAY SURVEY.
NO RUNWAY SURVEY EXISTS TO VERIFY VISUAL SURFACES , 20:1 SLOPE ASSUMED PENETRATED.
FINAL APPROACH COURSE ALIGNED TO RWY 06 (271133.0152N/0815030.2554W), AIRPORT OIS NOT SURVEYED.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID X06	PROCEDURE NAME RNAV (GPS)-A	AMDT NO. 1	CITY ARCADIA	STATE FL	AIRPORT ELEVATION 63	FACILITY RNAV
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	3.03			
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	052.38			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100			
DISTANCE FROM	THLD	TO 1500FT POINT	4.83			
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	052.38			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100			
THRESHOLD COORDINATES (IF STR-IN)						
ARP COORDINATES	271143.15N/0815017.62W					
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 24 DISTANCE 0.36 NM					
FAF COORDINATES	270828.50N/0815458.07W					
FIX NAME COORDINATES						
REMARKS						
*RWY 6 THLD						

QUALITY
20
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 7 of 8

PART E: PREPARED BY

<u>NAME</u> CASIMIR L. TABAKA (ROBERT A. SWINSON)	<u>OFFICE</u> AJV-A432	<u>DATE</u> 04/11/2023	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
--	---------------------------	---------------------------	---

