

**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)-B	<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SUPERSEDED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)-B	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 02/25/2021	<u>MAG VAR</u> 6W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RINSE	IAF	CAXOB	NOPT	TF	FB	1.00	319.97	7.61	2000
CAXOB	IF/IAF	YIDUN		TF	FB	1.00	238.45	4.29	1700
YIDUN	FAF	OYIVO/2.00 NM TO RW24		TF	FB	0.30	238.44	3.01	
OYIVO/2.00 NM TO RW24		RW24	MAP	TF	FO	0.30	238.44	2.00	
RW24	MAP	1400 MSL		CA			238.44		1400
1400 MSL		ROGAN		DF	FO	1.00			2000

MISSED APPROACH

MAP:
RW24

MISSED APPROACH INSTRUCTIONS:

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

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD NE CAXOB, RT, 238.46 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 238.44 **FAF:** YIDUN **DIST FAF TO MAP:** 5.01 **DIST FAF TO THLD:**
- 4. **MIN ALT:** CAXOB 2000, YIDUN 1700, OYIVO/2.00 NM TO RW24 740
- 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 NOT CLEAR **TCH:**
- 8. **MSA FROM:** ARP X06 2800

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

- CHART NOTE: CIRCLING NA TO RWYS 14 AND 32.
- CHART NOTE: PROCEDURE NA AT NIGHT.
- CHART NOTE: RWY 24, 06 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
- CHART NOTE: USE PUNTA GORDA ALTIMETER SETTING; WHEN NOT RECEIVED, USE SEBRING ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.

ADDITIONAL FLIGHT DATA:

- FAC ALIGNED WITH RWY 24 C/L AT THLD.
- CHART PUNTA GORDA ASOS.
- HOLD NW, RT, 138.79 INBOUND.
- CHART FAS OBST: 169 TREE 271243N/0814857W.
- CHART CIRCLING ICON.
- YIDUN TO RW24: 3.00/40.

MINIMUMS:

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

ALTERNATE: NA

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
CIRCLING	560	1	497	700	1	637		NA			NA				



CHANGES - REASONS

1. REMOVED TAA - IFP/ATC CHECKLIST REQUEST.
2. TERMINAL ROUTES: ADDED IAF AT RINSE TO CAXOB (IF/IAF) - IFP/ATC CHECKLIST REQUEST.
3. TERMINAL ROUTES: UPDATED CAXOB TO YIDUN COURSE FROM 238.46 TO 238.45 - YIDUN MOVED 6.07 FT, UPDATED FAF LOCATION IN TARGETS.
4. TERMINAL ROUTES: UPDATED YIDUN TO OYIVO/2.00 NM TO RW24 COURSE FROM 238.43 TO 238.44 - UPDATED CALCULATION IN TARGETS.
5. TERMINAL ROUTES: UPDATED OYIVO/2.00 NM TO RW24 COURSE FROM 238.43 TO 238.44 - UPDATED CALCULATION IN TARGETS.
6. TERMINAL ROUTES: UPDATED RW24 TO 1400 MSL COURSE FROM 238.43 TO 238.44 - UPDATED CALCULATION IN TARGETS.
7. PROFILE LINE 3: CHANGED FAC FROM 238.43 TO 238.44 - UPDATED CALCULATION IN TARGETS.
8. PROFILE LINE 8: ADDED "ARP X06 2800" - IAW 8260.3E PARA 2-3-2.B.(2).
9. CHANGED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I PARA 8-6-8.B.(2).
10. NOTES: ADDED "CHART NOTE: RWY 24, 06 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - NO RWY SURVEY, 20:1 PENETRATIONS ASSUMED.
11. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM "158 TRANSMISSION LINE 271228N/0814829W" TO "169 TREE 271243N/0814857W" - NEW CONTROLLING OBSTACLE.
12. 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

KEVIN RIESE

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

03/29/2023

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 X06	PROCEDURE NAME RNAV (GPS)-B	AMDT NO. 1	CITY ARCADIA	STATE FL	AIRPORT ELEVATION 63	FACILITY RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM RINSE **TO** CAXOB

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
7.61

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	271418.00N/0813751.00W	286	164	98	4E	1000				AT714	2000
TERRAIN	271812.00N/0814139.00W	85 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM CAXOB (IF/IAF) **TO** YIDUN

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
4.29

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	271603.00N/0814457.00W	289	164	98	4E	500				AC98 AT813	1700
TERRAIN	271603.00N/0814500.00W	88 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:



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FINAL: LNAV

FROM
YIDUN

TO
OYIVO/2.00 NM TO RW24

RNP DISTANCE PAT MAP HAT HMAS
 3.01

<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 (12-026815)	271307.12N/0814724.16W	326	20	3	1A	250				RA89 DG75	740

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM
OYIVO/2.00 NM TO RW24

TO
RW24

RNP DISTANCE PAT MAP HAT HMAS
 2.00 RW24

<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	271243.04N/0814857.01W	169	50	20	2C	250				RA49 DG92	560

COMPUTATIONS

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

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HOLD-IN-LIEU OF PT

FROM
CAXOB TO
P-4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-4	<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>
AAO	271845.00N/0814512.00W		289	164	98	4E	1000				AT711	2000
TERRAIN	271845.00N/0814512.00W		88 (100)								AS1500	1600

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM
RW24 TO
ROGAN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 411					
<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				2000
TOWER (12-004093)	271430.00N/0815139.00W		549	500	50	5D	1000					1600
TERRAIN	271306.00N/0815027.00W		72 (100)								AS1500	1600

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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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 **RADIUS**
ARP X06 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:



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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZMA ARTCC, MIA FSS

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

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

PRIMARY NAVAID MONITOR POINT HRS OPERATION CAT

<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	

GLIDESLOPE ANGLE ELEV RWY THRESHOLD TCH ELEV GS ANTENNA DISTANCE FROM RWY VGSI ANGLE TCH

FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

CRITICAL LOW CRITICAL HIGH ACT APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS



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

PENETRATIONS REMARKS:

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 24 (271155.3668N/814957.7884W), AIRPORT OIS NOT SURVEYED.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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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	3.01
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	232.44
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	THLD	TO 1500FT POINT	4.81
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	232.44
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** 271459.36N/0814530.26W

**FIX NAME
COORDINATES**

REMARKS

* RWY 24 THLD.



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PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
CASIMIR L. TABAKA (ROBERT A. SWINSON)	AJV-A432	03/29/2023	AERONAUTICAL INFORMATION SPECIALIST