

**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</u> ARCADIA MUNI	<u>AIRPORT ID</u> X06	<u>PROCEDURE NAME</u> RNAV (GPS)-B	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<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SUPERSEDED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	<u>DATED</u> 05/29/2014	<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>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 148/30 CW 329/30	NOPT	148/20 CW 329/20		2700
2. 148/20 CW 329/20		CAXOB	IAF	2000
3. 329/30 CW 148/30		329/20 CW 148/20		2800
4. 329/20 CW 148/20		CAXOB	IAF	2000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CAXOB	IF/IAF	YIDUN		TF	FB	1.00	238.46	4.29	1700
YIDUN	FAF	OYIVO/2.00 NM TO RW24		TF	FB	0.30	238.43	3.01	
OYIVO/2.00 NM TO RW24		RW24	MAP	TF	FO	0.30	238.43	2.00	
RW24	MAP	1400 MSL		CA			238.43		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:

QUALITY
10
CHECKED

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: 238.43

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:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 14 AND 32.
CHART NOTE: PROCEDURE NA AT NIGHT.
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: 158 TRANSMISSION LINE 271228N/0814829W.
CHART CIRCLING ICON.
YIDUN TO RW24: 3.00/40.

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
CIRCLING	560	1	497	680	1	617		NA			NA				



CHANGES - REASONS

- 1. DELETED SEGMENTS DOWNN TO CAXOB AND RINSE TO CAXOB AND ADDED TAAS - PER FPT REQUEST AND ATC APPROVED.
- 2. CHANGED MISSED APPROACH CTA FROM 1200 TO 1400 - RISE IN ALTITUDE PREVENTS A C-I-H EVALUATION AT CLEARANCE LIMIT.
- 3. INCREASED CAT A CMDA/HAA FROM 420/357 TO 560/497 - NEW CONTROLLING OBSTACLE AND ADDED RASS ADJUSTMENT.
- 4. INCREASED CAT B CMDA/HAA FROM 520/457 TO 680/617 - NEW CONTROLLING OBSTACLE AND ADDED RASS ADJUSTMENT.
- 5. ADDED CHART CIRCLING ICON NOTE - UPDATED CIRCLING TO CURRENT CRITERIA.
- 6. CHANGED ALTIMETER NOTE FROM "OBTAIN LOCAL ALTIMETER SETTING ON CTAF, WHEN NOT RECEIVED, USE PUNTA GORDA ALTIMETER SETTING" TO "USE PUNTA GORDA ALTIMETER SETTING , WHEN NOT RECEIVED, USE SEBRING ALTIMETER SETTING AND INCREASE ALL MDAS 40 FT" - PRIMARY ALTIMETER SOURCE CHANGED FROM ON FIELD TO DUAL REMOTE ALTIMETER SETTINGS.
- 7. ADDED 20:1 NOT CLEAR NOTE - NO SURVEY AVAILABLE TO VERIFY SLOPE IS CLEAR.
- 8. REMOVED MSA ELAVUATION - NOT REQUIRED WITH ADDED TAAS.
- 9. ADDED NOTE CIRCLING NA TO RWYS 14 AND 32 - TURF RUNWAYS NOT SUPPORTED BY THE RAPT.
- 10. UPDATED FAS OBSTACLE - UPDATED OBSTACLE SURVEY.
- 11. DELETED DME/DME RNP-0.3 NA NOTE - NO LONGER REQUIRED AS AN EQUIPMENT NOTE.
- 12. ADDED RNP APCH NOTE - UPDATED PBN REQUIREMENTS NOTE.
- 13. REMOVED SECOND SET OF MINIMUMS - NO LONGER REQUIRED WITH PRIMARY SOURCE FOR THE ALTIMETER CHANGE FROM CTAF TO ASOS (WMSCR APPROVED).
- 14. DELETED HELICOPTER VISIBILITY REDUCTION NOTE - NOT APPLICABLE TO CIRCLING ONLY PROCEDURES.
- 15. ADDED CHART PUNTA GORDA ASOS NOTE - REQUIRED FOR REMOTE PRIMARY ALTIMETER SOURCES.

COORDINATED WITH:

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

FLIGHT CHECKED BY

STEPHEN F KOCH

Digitally signed by
DAVID TEFFETELLER
Oct 13, 2020

OFFICE
FICO
DATE
10/07/2020

DEVELOPED BY
SCOTT BAGENSIE

Digitally signed by
SCOTT BAGENSIE
Jun 12, 2020

OFFICE
AJV-A433
DATE
04/30/2020

APPROVED BY
GEORGE DAVIS

Digitally signed by
DAVID TEFFETELLER
Oct 13, 2020

OFFICE
AJV-A430
DATE

TITLE
MANAGER



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

<u>AIRPORT</u> ARCADIA MUNI	<u>AIRPORT ID</u> X06	<u>PROCEDURE NAME</u> RNAV (GPS)-B	<u>AMDT NO.</u> ORIG-A	<u>CITY</u> ARCADIA	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 63	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

<u>FROM</u> 148/30 CW 329/30	<u>TO</u> 148/20 CW 329/20
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<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>	
1.TOWER (12-003283)	274024.00N/0820634.00W	1648	500	50	5D	1000					2700	
2.TERRAIN	274700.00N/0814403.00W	223 (200)								AS1500	1700	

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:

STRAIGHT-IN AREA

<u>FROM</u> 148/20 CW 329/20	<u>TO</u> CAXOB
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<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>	
3.TOWER (12-002855)	272938.42N/0812457.78W	609	20	3	1A	1000				AT391	2000	
4.TERRAIN	271118.00N/0812024.00W	177 (200)								AS1500	1700	

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:

QUALITY
10
CHECKED

STRAIGHT-IN AREA

FROM
329/30 CW 148/30

TO
329/20 CW 148/20

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.TOWER (12-002454)	272431.15N/0821459.32W		1749	100	20	3C	1000					2800
6.TERRAIN	274003.00N/0820236.00W		150 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM
329/20 CW 148/20

TO
CAXOB

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.TOWER (12-003542)	272847.72N/0814757.60W		550	20	3	1A	1000				AT450	2000
8.TERRAIN	273306.00N/0815557.00W		114 (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 4.29	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.AAO	271603.00N/0814457.00W		289	164	98	4E	500				AC98 AT813	1700
10.TERRAIN	271603.00N/0814457.00W		88 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM
YIDUN

TO
OYIVO/2.00 NM TO RW24

RNP	DISTANCE 3.01	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.TOWER (12-026815)	271307.12N/0814724.16W		326	20	3	1A	250				RA71 DG93	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

<u>RNP</u>	<u>DISTANCE</u> 2.00	<u>PAT</u>	<u>MAP</u> RW24	<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>
12.TRANSMISSION LINE (12-028385)	271228.26N/0814829.16W		158	250	50	4D	250				RA48	460

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
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>
9.AAO	271603.00N/0814457.00W		289	164	98	4E	500				AC98 AT1113	2000
10.TERRAIN	271603.00N/0814457.00W		88 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM
RW24

TO
ROGAN

RNP	DISTANCE	PAT	MAP	HAT			HMAS 412					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2000
13.TOWER (12-004093)	271430.00N/0815139.00W		549	500	50	5D	1000					1600
14.TERRAIN	271306.00N/0815027.00W		72 (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											
15.TRANSMISSION LINE (12-028383)	271209.36N/0814832.76W	1.3	497/497	156	250	50	4D	300		RA48 AC50	560/560
CATEGORY B											
16.TOWER (12-003308)	271256.24N/0815133.69W	1.81	617/617	332	50	20	2C	300		RA48	680/680

CIRCLING REMARKS:

CIRCLING NA RWYS 14 AND 32 - TURF RUNWAYS

CENTER

RADIUS

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

USED 50 FT TREE HEIGHT PER FPT.
NO RUNWAY SURVEY EXISTS TO VERIFY VISUAL SURFACES, 20:1 SLOPE ASSUMED PENETRATED.
LPV AND LNAV/VNAV MINIMA, CIRCLING ONLY AND PROCEDURE NA AT NIGHT DUE TO NO RUNWAY SURVEY/LACK OF RUNWAY MARKINGS.



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> 18.543	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 48
<u>BACK-UP WX SERVICE</u> AWOS	<u>LOCATION</u> KSEF	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KSEF	<u>DISTANCE</u> 30.762	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 71

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KX06 63, KPGD 26
RASS = 47.9
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-G	
RW24 - MIRL (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	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	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

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 - REMOTE ALTIMETER.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FINAL APPROACH COURSE ALIGNMENT TO RWY 24.

AIRPORT OIS NOT SURVEYED.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT</u> ARCADIA MUNI	<u>AIRPORT ID</u> X06	<u>PROCEDURE NAME</u> RNAV (GPS)-B	<u>AMDT NO.</u> ORIG-A	<u>CITY</u> ARCADIA	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 63	<u>FACILITY</u> RNAV
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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	232.43
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	232.43
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100

THRESHOLD
COORDINATES
(IF STR-IN)

ARP COORDINATES271143.15N/0815017.62W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 24 DISTANCE 0.47 NM

FAF
COORDINATES

271459.41N/0814530.30W

FIX NAME
COORDINATES

IAF/IF CAXOB: (271736.55N/0814141.55W) 30 NM RADIUS

REMARKS

* RWY 24 THLD.

QUALITY
10
CHECKED

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

Electronic Version

Page 9 of 10

AIRPORT
ARCADIA MUNI

AIRPORT ID
X06

PROCEDURE NAME
RNAV (GPS)-B

AMDT NO.
ORIG-A

CITY
ARCADIA

STATE
FL

AIRPORT ELEVATION
63

FACILITY
RNAV

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
SCOTT BAGENSIE	AJV-A433	04/30/2020	AERONAUTICAL INFORMATION SPECIALIST

