

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> PLANT CITY	<u>AIRPORT ID</u> KPCM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> PLANT CITY	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 153	<u>TDZE</u> 153	<u>SUPERSEDED</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 03/31/2016	<u>MAG VAR</u> 5W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

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>
PIE VORTAC		HOJLO		TF	FB	1.00	095.62	16.95	2000
PLUMY		IZCAY		TF	FB	1.00	260.52	11.90	2000
HOJLO	IAF	UJURO		TF	FB	1.00	009.12	6.50	2000
IZCAY	IAF	UJURO		TF	FB	1.00	189.12	6.50	2000
UJURO	IF	OBBIX		TF	FB	1.00	099.12	6.12	1700
OBBIX	FAF	FIKNI/1.60 NM TO RW10		TF	FB	0.30	099.18	2.28	
FIKNI/1.60 NM TO RW10		RW10	MAP	TF	FO	0.30	099.18	1.60	
RW10	MAP	600 MSL		CA			099.18		600
600 MSL		LAL VORTAC		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2000 DIRECT LAL VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	PROFILE STARTS AT UJURO				
3. FAC:	099.18	FAF: OBBIX	DIST FAF TO MAP: 3.88	DIST FAF TO THLD: 3.88	
4. MIN ALT:	UJURO 2000, OBBIX 1700, FIKNI/1.60 NM TO RW10 820*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	302 HAT: 0.64	GS ANT:
6. MIN GP INCPT: 1700	GP ALT AT FAF : OBBIX 1700		OM:	MM:	IM:
7. GP ANGLE: 3.62	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 57.0		
8. MSA FROM:	RW10 2700				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 28 NA AT NIGHT.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LAKELAND ALTIMETER SETTING.
CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAKELAND ALTIMETER SETTING AND INCREASE ALL DA/MDA 20 FEET.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PLUMY ON V7-521 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PIE VORTAC AIRWAY RADIALS 016 CW 173.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.09 NM TO RW10*
*LNAV ONLY
WAAS CHANNEL #90422
REFERENCE PATH ID: W10A
CHART FAS OBST: 306 ANTENNA 275923N/0821018W.
CHART: 213 TREE 275959N/0821215W.
HOLD W, RT, 100.81 INBOUND
LTP HAE: 20.8 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	455	1	302	455	1	302		NA			NA				
LNAV/VNAV DA	510	1	357	510	1	357		NA			NA				
LNAV MDA	520	1	367	520	1	367		NA			NA				
CIRCLING	680	1	527	720	1	567		NA			NA				

CHANGES - REASONS

1. UPDATED VGSI AND RNAV GLIDEPATH NOT COINCIDENT NOTE BY ADDING THE PRE-CURSOR TO THE ANGLE AND TCH VALUE FORMAT - IAW 8260.19H 8-6-9 (M(1)) DOCUMENTING NONCOINCIDENT GLIDEPATHS AND DESCENT ANGLES.
2. DELETED CHART NOTE: DME/DME RNP-0.3 NA - IAW 8260.19H 8-6-8 (B(1)) PBN NAVSPEC.
3. ADDED PBN NOTE RNP APCH - IAW 8260.19H 8-6-8 (B(1)) PBN NAVSPEC.
4. CHANGED CHART NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - WORDING UPDATED IAW 8260.19H PARA 8-6-5I(3). 34:1 IS NOT CLEAR.
5. LNAV MDA/HAT CHANGED FROM 500/ HAT 347 TO 520/ HAT 367 - CLEAR T NOTAM FDC 9/2329.
6. CHANGED PIE VORTAC TO HOJLO AND PLUMY TO IZCAY RNP VALUE FROM 2.00 TO 1.00 - CURRENT AJV GUIDANCE.
7. CHANGED INTERMEDIATE RNP VALUE FROM 0.50 TO 1.00 - UPDATED TO 8260.58A CHANGE 1 TABLE 1-2-1.
8. ADDED CHART CIRCLING ICON - BASED ON EXISTING CIRCLING RNAV GPS RWY 28.
9. CRC REMAINDER CHANGED FROM 75BFF455 TO 1D68693B - LTP LAT/LONG CHANGED FROM 280001.8500N/0821007.6775W TO 280001.8470N/0821007.6775W.
10. ESTABLISHED VDP AT 1.09 NM TO RW10 - 20:1 VISUAL SURFACE IS CLEAR.
11. CHANGED CHART NOTE: "BARO-VNAV NA WHEN USING LAKELAND ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING LAKELAND ALTIMETER SETTING" - VDP WAS ESTABLISHED.
12. ADDITIONAL FLIGHT DATA: ADDED 7:1 OBSTACLE, 213 TREE 275959.0400N-0821215.2200W - UPDATED OBSTACLE ANALYSIS.
13. INCORPORATED CHANGES MADE VIA P-NOTAMS 5/5679, 5/8230, 4/9450 - 8260.19H 8-3-4.C(1)
14. UPDATED 20:1 PENETRATIONS FOR RWY 28 CIRCLING - NEW TARGETS EVALUATION.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMA, TPA APP CON, AIRPORT MANAGER

FLIGHT CHECKED BY

MARC J HINCK

Digitally signed by

DAVID DANNER

May 21, 2019

DEVELOPED BY

DAVID DANNER (LORRI DOWNEY)

Digitally signed by

DAVID DANNER

May 21, 2019

APPROVED BY

JULIE MORGAN

Digitally signed by

DAVID DANNER

May 21, 2019

OFFICE

FICO

DATE

5/15/19

OFFICE

AJV-A421

DATE

02/06/2019

OFFICE

AJV-A420

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPCM
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	280001.8470N
LTP/FTP LONGITUDE	0821007.6775W
LTP/FTP ELLIPSOIDAL HEIGHT	+00208
FPAP LATITUDE	275955.2800N
FPAP LONGITUDE	0820827.3000W
THRESHOLD CROSSING HEIGHT (TCH)	00057.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.62
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1608
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	1D68693B
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00463
FPAP ORTHOMETRIC HEIGHT	+00463

