

**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.

AIRPORT ID LNY/PHNY	PROCEDURE NAME RNAV (GPS) RWY 3	ORIGINAL/AMENDMENT ORIG-E	CITY LANAI CITY	STATE HI
AIRPORT ELEVATION 1308	TDZE 1307	SUPERSEDED RNAV (GPS) RWY 3	DATED 08/12/2021	MAG VAR 11E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1990
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MKK VORTAC		JORDA		TF	FB	1.00	179.99	29.14	3700
LNY VORTAC		OJOVU		TF	FO	1.00	214.01	10.00	3700
CRISI	IAF	OJOVU	NOPT	TF	FB	1.00	340.60	11.11	3700
JORDA	IAF	OJOVU	NOPT	TF	FB	1.00	083.73	9.69	3700
OJOVU	IF/IAF	EYEPO		TF	FB	1.00	032.98	7.32	2600
EYEPO	FAF	RW03	MAP	TF	FO	0.30	033.02	3.86	
RW03	MAP	1708 MSL		CA			033.02		
1708 MSL		GRAMY		DF	FO	1.00			3300

MISSED APPROACH

MAP:

LNAV: RW03

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3300 DIRECT GRAMY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD SW OJOVU, RT, 032.98 INBOUND, 3700 IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 033.02	FAF: EYEPO		DIST FAF TO MAP: 3.86	DIST FAF TO THLD: 3.86	
4. MIN ALT: OJOVU 3700, EYEPO 2600					
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 CLEAR	20:1: IS CLEAR	TCH:		
8. MSA FROM: RW03 7000					

QUALITY
37
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 21 NA AT NIGHT.
CHART NOTE: CIRCLING NA FOR CAT C SE OF RWY 3-21.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA, EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICE.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 098.00 INBOUND.
CHART FAS OBST: 1396 TREE 204633N/1565700W.
CHART VDP AT 1.14 NM TO RW03.
EYEPO TO RW03: 3.03/52.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1000-2 3/4

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	1720	1	413	1720	1	413	1720	1 1/8	413	1720	1 1/8	413			
CIRCLING	1900	1	592	1940	1	632	2240	2 3/4	932		NA				

CHANGES - REASONS

1. CHANGED IN ADDITIONAL FLIGHT DATA, CHART FAS OBST FROM: "1356 FARM VEHICLE 204648N/1565706W" TO: 1"396 TREE 204633N/1565700W" - NEW OBSTACLE EVALUATION.
2. CHANGED IN ADDITIONAL FLIGHT DATA, VDP FROM: "CHART VDP AT 1.15 NM TO RW03" TO: "CHART VDP AT 1.14 NM TO RW03" - 8260.19J M(2).
3. RAISED CIRCLING CAT A MDA/HAA FROM: 1840/532 TO: 1860/552 - NEW OBSTACLE EVALUATION.
4. RAISED CIRCLING CAT B MDA/HAA FROM: 1900/592 TO: 1940/632 - NEW OBSTACLE EVALUATION.
5. RAISED CIRCLING CAT C MDA/HAA FROM: 2140/832 TO: 2240/932 - NEW OBSTACLE EVALUATION.
6. RAISED CIRCLING CAT C VISIBILITY FROM: 2 1/2 TO: 2 3/4 - 8260.3G VISIBILITY TABLES VALUE.
7. CHANGED ALTERNATE MINIMUMS FROM: "STANDARD" TO "STANDARD - CAT C 1000-2 3/4" - CHANGE IN MINIMUMS/VISIBILITY VALUES.
8. INCORPORATE ORIG-D NOTAMS INTO THIS AMDT - BRINGING PROCEDURE INTO CURRENT CRITERIA.
9. CHANGED PBN REQUIREMENTS NOTE FROM: RNP APCH TO: RNP APCH - GPS - CURRENT CRITERIA DOCUMENTATION.
10. LNAV MDA CAT C AND D VISIBILITY CHANGED FROM 1 1/4 SM TO 1 1/8 SM - 8260.3G TABLE 3-3-1.



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

AIRPORT ID
LNY/PHNY

PROCEDURE NAME
RNAV (GPS) RWY 3

AMDT NO.
ORIG-E

CITY
LANAI CITY

STATE
HI

AIRPORT ELEVATION
1308

FACILITY
RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
MKK VORTAC

TO
JORDA

RNP
1.00

DISTANCE
29.14

PAT

MAP

HAT

HMAS

<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	210818.00N/1571003.00W	1615	164	98	4E	2000					3700
TERRAIN	210818.00N/1571003.00W	1415 (1400)	250	125	4E					AS1500	2900

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM
LNY VORTAC

TO
OJOVU

RNP
1.00

DISTANCE
10.00

PAT

MAP

HAT

HMAS

<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	204648.00N/1565706.00W	1539	164	98	4E	2000				AT100	3700
TERRAIN	204648.00N/1565706.00W	1339 (1300)	250	125	4E					AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
37
CHECKED

INITIAL

FROM

CRIS

TO

OJOVU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	11.11										
<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>
SHIP	203846.29N/1570540.47W	250	50	10	2B	1000				AT2400	3700
TERRAIN	203846.29N/1570540.47W	0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

JORDA

TO

OJOVU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	9.69										
<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>
SHIP	203846.29N/1570540.47W	250	50	10	2B	1000				AT2400	3700
TERRAIN	203846.29N/1570540.47W	0 (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

OJOVU (IF/IAF)

TO

EYEPO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	7.32										
<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>
SHIP	203846.29N/1570540.47W	250	50	10	2B	500				AT1800	2600
TERRAIN	203846.29N/1570540.47W	0 (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

EYEPO

TO

RW03

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.86		RW03		413						
<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	204633.00N/1565700.00W	1396	215	8	4B	250				XP74	1720

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP74: TO MAINTAIN CURRENT PUNLISHED MINIMA.



HOLD-IN-LIEU OF PT

FROM

OJOVU

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>
SHIP	203846.29N/1570540.47W	250	50	10	2B	1000				AT2400	3700
TERRAIN	203846.29N/1570540.47W	0 (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

RW03

TO

GRAMY

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1620				
<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				3300
AAO	205214.90N/1565845.60W	2004	50	20	2C	1000				PR180	3200
TERRAIN	205042.00N/1565518.00W	2017 (2000)								AS1000	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

LNJ/PHNY

PROCEDURE NAME

RNAV (GPS) RWY 3

AMDT NO.

ORIG-E

CITY

LANAI CITY

STATE

HI

AIRPORT ELEVATION

1308

FACILITY

RNAV

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											
TREE	204824.00N/1565621.00W	1.31	592	1563	215	8	4B	300		XP37	1900
CATEGORY B											
TREE	204903.00N/1565609.00W	1.85	632	1632	215	8	4B	300			1940
CATEGORY C											
TREE (15-029251)	204941.64N/1565454.47W	2.91	932	1931	20	3	1A	300			2240

CIRCLING REMARKS:

XP37: TO MATCH CIRCLING CAT A ILS OR LOC RWY 3.

MSA

CENTER

RW03

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	205327.00N/1563512.00W	061	21.8	5985	215	8	4B	1000			7000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZHN ARTCC, HCF TRACON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3P	LNJ/PHNY	24	LNJ/PHNY		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS

WX REMARKS:

NO SUITABLE BACKUP ALTIMETER SOURCE AVAILABLE.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW21 - MIRL (PCL), PAPI-4L (PCL)		NPI-G	
RW03 - MIRL (PCL), PAPI-4R (PCL)		PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.00	48.7

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
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	RWY 21		
20:1			
1310 TERRAIN (15-020636) 204727.54N/1565645.22W (1.19)			
<u>PENETRATIONS REMARKS:</u>			



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

50 FT VEGETATION/250 FT SHIPS USED PER FPT.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FOR STRAIGHT-IN AND CIRCLING MDAS, 17 FOOT VEHICLE ADDED TO SURVEYED AND DTED TERRAIN; VEGETATION HEIGHT IN VICINITY OF AIRPORT ONLY 3 FEET (PINEAPPLE ORCHARDS, PER DOCUMENTATION ON OTHER PROCEDURES)

ALTERNATE ALTIMETER LOCATIONS NOT FEASIBLE (PHMK AND PHOG); PRESSURE PATTERNS NOT THE SAME, PER FPT; RESULT IN ADJUSTMENTS OF 527 FEET AND 880 FEET RESPECTIVELY.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

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	2.86
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	044.02
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1300
DISTANCE FROM	FAF	TO 1500FT POINT	2.90
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.76
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	043.98
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)	204650.39N/1565723.42W
ARP COORDINATES	204708.20N/1565705.11W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 21 DISTANCE 0.41 NM
FAF COORDINATES	204403.18N/1570015.28W
FIX NAME COORDINATES	IF/IAF OJOVU 203846.29N/1570540.47W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASIMIR L. TABAKA (THERON CYRUS)	AJV-A432	06/04/2025	AERONAUTICAL INFORMATION SPECIALIST

