

**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> KMSY	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> NEW ORLEANS	<u>STATE</u> LA		
<u>AIRPORT ELEVATION</u> 4	<u>TDZE</u> 2	<u>SUPERSEDED</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 10/15/2015	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 2021	<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>
OLEDD	IAF	ROYUL		TF	FB	1.00	076.51	8.68	2000
ROYUL	IF	POVVI		TF	FB	1.00	016.44	6.58	2000
POVVI	FAF	RW2	MAP	TF	FO	0.30	016.46	6.10	
RW2	MAP	379 MSL		CA			016.46		
379 MSL		PEPUE		DF	FB	1.00			
PEPUE		SNAKI		TF	FO	1.00	077.25	17.80	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW2

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT PEPUE AND ON TRACK 077.25 TO SNAKI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT ROYUL

3. FAF: 016.46 FAF: POVVI DIST FAF TO MAP: 6.10 DIST FAF TO THLD: 6.10

4. MIN ALT: ROYUL 2000, POVVI 2000

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 377 HAT: 1.01 GS ANT:

6. MIN GP INCPT: 2000 GP ALT AT FAF : POVVI 2000 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 56.3

8. MSA FROM: RW02 3100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OLEDD ON V198-552 WESTBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 262.35 INBOUND.
CHART FAS OBST: 220 TANK (22-022452) 295745N/0901604W.
CHART VDP AT 1.33 NM TO RW02.
WAAS CHANNEL # 49220
REFERENCE PATH ID: W02A
CHART CIRCLING ICON.
LTP HAE: -25.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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	398	6000	396	398	6000	396	398	6000	396	398	6000	396			
LNAV/VNAV DA	379	5500	377	379	5500	377	379	5500	377	379	5500	377			
LNAV MDA	480	5500	478	480	5500	478	480	1 3/8	478	480	1 3/8	478			
CIRCLING	520	1	516	520	1	516	580	1 1/2	576	580	2	576			



CHANGES - REASONS

1. CHANGED DISTANCE FROM ROYUL TO POVVI FROM 6.56 TO 6.58 AND POVVI TO RW2 FROM 6.11 TO 6.10 - NEW PFAF LOCATION DUE TO NEW DESIGN TCH.
2. ADDED "377 HAT: 1.01 NM" TO PROFILE LINE 5 AND DELETED ADDITIONAL FLIGHT DATA NOTE "DISTANCE TO THLD FROM 377 HAT: 1.02 NM" - IAW 8260.19I, 8-6-7.E.(3).
3. ADDED 20:1 IS CLEAR ON PROFILE LINE 7 - IAW 8260.19I, 8-6-7.G.(3)(A).
4. CHANGED TCH ON PROFILE LINE 7 FROM "51.9" TO "56.3" - NEW DESIGN TCH.
5. DELETED NOTE: "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE: "RNP APCH-GPS" - IAW 8260.19I, 8-6-8.B. NOTES.
6. CHANGED "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED" TO "CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED" IN NOTES - IAW 8260.19I, 8-6-11.K.(3).
7. CHANGED "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1°C (31°F) OR ABOVE 54°C (130°F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0°C OR ABOVE 54°C" IN NOTES - UPDATED 5 YEAR STUDY/TARGETS EVALUATION.
8. ADDED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" TO NOTES - IAW 8260.19I, 8-6-9.M.(1).
9. UPDATED FAS OBSTACLE NAME FROM "OL STK" TO "TANK" - NEW SURVEY NAME FOR SAME OBSTACLE.
10. DELETED THE ASTERISK FROM "CHART VDP AT 1.33 NM TO RW02*" AND DELETED "*LNAV ONLY" FROM ADDITIONAL FLIGHT DATA - IAW 8260.19I, 8-6-10.M.
11. CHANGED LPV ALL CATS VISIBILITY FROM 1 ¼ TO 6000 AND LNAV/VNAV ALL CATS FROM 1 ¼ TO 5500 - IAW 8260.3D, TABLE 3-3-1.
12. LOWERED CAT D CIRCLING MDA/HAA FROM 600/596 TO 580/576 - NEW CONTROLLING OBSTACLE.
13. UPDATED CRC REMAINDER FROM 825B99FE TO 90485C69. - FPAP LATITUDE/LONGITUDE CHANGED FROM 300030.2795N/0901437.7040W TO 300030.2775N/0901437.6960W AND TCH CHANGED FROM 51.9 TO 56.3.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** MSY ATCT, AMGR, ZHU

FLIGHT CHECKED BY

JAMES HAWLEY

*Digitally signed by***ALLAN WILL**

Jul 13, 2021

*Digitally signed by***ALLAN WILL**

Jul 13, 2021

DEVELOPED BY

ALLAN WILL (KARNA MORE)

OFFICE

FICO

DATE

07/08/2021

OFFICE

AJV-A423

DATE

04/22/2021

APPROVED BY

MARLON ROBINSON

*Digitally signed by***ALLAN WILL**

Jul 13, 2021

OFFICE

AJV-A420

DATE**TITLE**
MANAGERQUALITY
10
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMSY
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	295904.2055N
LTP/FTP LONGITUDE	0901505.0940W
LTP/FTP ELLIPSOIDAL HEIGHT	-00256
FPAP LATITUDE	300030.2775N
FPAP LONGITUDE	0901437.6960W
THRESHOLD CROSSING HEIGHT (TCH)	00056.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	90485C69

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00005
FPAP ORTHOMETRIC HEIGHT	+00005

