

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (RNP) 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><b>AIRPORT ID</b></u> KMSY	<u><b>PROCEDURE NAME</b></u> RNAV (RNP) Z RWY 11	<u><b>ORIGINAL/AMENDMENT</b></u> 1B	<u><b>CITY</b></u> NEW ORLEANS	<u><b>STATE</b></u> LA		
<u><b>AIRPORT ELEVATION</b></u> 4	<u><b>TDZE</b></u> 4	<u><b>SUPERSEDED</b></u> RNAV (RNP) Z RWY 11	<u><b>ORIGINAL/AMENDMENT</b></u> 1A	<u><b>DATED</b></u> 07/21/2016	<u><b>MAG VAR</b></u> 1W	<u><b>EPOCH YEAR</b></u> 2020
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 14 JULY 2022	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TERMINAL ROUTES**    [THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 22-13.](#)

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
TBD VOR/DME	IAF	FIGUR		TF	FB	1.00	034.93	28.23	2000
RQR VOR/DME	IAF	FIGUR		TF	FB	1.00	121.74	3.77	2000
FIGUR	IF	KUSTE	PFAF	TF	FB	1.00	106.35	7.12	2000
KUSTE	PFAF	RW11	MAP	TF	FO	0.30	106.41	6.10	
RW11	MAP	ZUBEL		TF	FB	1.00	106.47	9.27	
ZUBEL		SAFES		TF	FO	1.00	195.08	8.49	2000

**MISSED APPROACH**

**MAP:**  
RNP: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2000 ON TRACK 106.47 TO ZUBEL AND ON TRACK 195.08 TO SAFES AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

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

2. PROFILE STARTS AT FIGUR

3. FAC: 106.41                      PFAF: KUSTE                      DIST PFAF TO MAP:                      DIST PFAF TO THLD:

4. MIN ALT:      FIGUR 2000, KUSTE 2000

5. DIST TO THLD FROM PFAF: 6.10                      MM:                      IM:                      150 HAT:                      363 HAT: 0.97                      GS ANT:

6. MIN GP INCPT: 2000                      GP ALT AT PFAF : KUSTE 2000                      OM:                      MM:                      IM:


7. GP ANGLE: 3.00                      34:1: IS CLEAR                      20:1: IS CLEAR                      TCH: 55.0

8. MSA FROM:      RW11 3100

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -1°C OR ABOVE 54°C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TBD VOR/DME ON V198-552 WESTBOUND.   
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON RQR VOR/DME AIRWAY RADIALS 055 CW 082.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 5500.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 354.44 INBOUND.

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
AUTHORIZATION REQUIRED															
RNP 0.30 DA	367	3500	363	367	3500	363	367	3500	363	367	3500	363			



**CHANGES - REASONS**

1. CHANGED TERMINAL ROUTE FROM TBD VORTAC TO FIGUR TO TBD VOR/DME TO FIGUR - INCORPORATED NOTAM 6/5916.
2. CHANGED TERMINAL ROUTES FROM RW11 TO 400 MSL TO RW11 TO ZUBEL - 8260.58B 3-5-2B.
3. CHANGED PROFILE LINE 5 FROM: DIST TO THLD FROM OM: 6.10 TO: DIST THLD FROM PFAF: 6.10; 300 HAT: 0.77 TO 363 HAT: 0.97 - 8260.19I 8-6-7 E(3); REMOVED RNP 0.14 LINE OF MINIMA.
4. PROFILE LINE 7 ADDED 20:1 CLEAR - NO 20:1 PENETRATIONS.
5. ADDED PBN REQUIRMENT NOTE: RNP AR APCH - GPS - 8260.19I 8-6-8 B(1).
6. REMOVED FAHRENHEIT VALUES FROM CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -1C (31F) OR ABOVE 54C (130F) - 8260.19I 8-6-9 R.
7. CHANGED CHART NOTE FROM: FOR INOPERATIVE ALSF-2, INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 6000 TO: FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 5500 - 8260.3E TABLE 3-3-1.
8. DELETED ADDITIONAL FLIGHT DATA: ROUTE TYPE A, H; ROUTE TYPE QUALIFIER 1: F; ROUTE TYPE QUALIFIER 2: S; #TCH 58.7 MSL (DO NOT CHART) - NO LONGER REQUIRED.
9. DELETED RNP 0.14 LINE OF MINIMA - 8260.58B 4-1-1 C(2)(A)(A).

5/27/2022: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 4/21/2022

1: CHANGED CHART PLANVIEW NOTE FROM: PROCEDURE NA FOR ARRIVALS AT TBD ON V198-552 WESTBOUND TO: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TBD VOR/DME ON V198-552 WESTBOUND.

**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

MICHAEL SCOTT MILLER

*Digitally signed by*

**DAVID TEFFETELLER**

**OFFICE**

FIOG

**DATE**

04/19/2022

*Digitally signed by*

**DAVID TEFFETELLER**

May 27, 2022

**OFFICE**

AJV-A431

**DATE**

12/20/2021

**DEVELOPED BY**

DONALD H. LANIER (MICAH HILLEY)

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*

**DAVID TEFFETELLER**

May 27, 2022

**OFFICE**

AJV-A430

**DATE**

**TITLE**

MANAGER