







## RADIO FIX AND HOLDING DATA RECORD

**NAME:** RAYOP **STATE:** LA **COUNTRY:** US **ICAO REGION CODE:** K4

**LATITUDE/LONGITUDE:** 301249.47N/0901041.91W **TYPE:** WP, INT, DME

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** MODIFY

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	NEW ORLEANS	I-ONW	LOC/DME		016.49	015.49	12.91	14.40		2000	4500
2	RESERVE	RQR	VOR/DME	L	068.40	070.40		22.64		2000	17500
3	MC COMB	MCB	VORTAC	VH	173.36	176.36	65.42	65.42		3300	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MCB	VORTAC	R-173	66	3300	17500

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**REMARKS:**

NEW ORLEANS (FAC 1) AND RESERVE (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
 I-ONW DME LOCATED AT 300021.66N/0901443.24W  
 MCB VORTAC MRA FMO RESTRICTED TO 3300 DUE POOR SIGNAL STRENGTH.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V543	2, 3				(US)
EN ROUTE	V9	2, 3				(US)
IAP	LOC RWY 20	1, 2		KMSY	NEW ORLEANS	LA (US)
IAP	RNAV (GPS) Y RWY 20			KMSY	NEW ORLEANS	LA (US)
IAP	RNAV (RNP) Z RWY 20			KMSY	NEW ORLEANS	LA (US)
STAR	TRSSH (RNAV)			KMSY	NEW ORLEANS	LA (US)
STAR	TRSSH (RNAV)			KNBG	NEW ORLEANS	LA (US)
STAR	TRSSH (RNAV)			KNEW	NEW ORLEANS	LA (US)

**REQUIRED CHARTING:** STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 4 **DATE OF REVISION:** 01/22/2026

**REASON FOR REVISION:**

FIX MAKE-UP FACILITIES: REMOVED 123458 FEET FROM FAC 1.  
 FIX MAKE-UP FACILITIES: FAC 3 CLASS CHANGED FROM "H" TO "VH".  
 REMARKS: CHANGED FROM "I-ONW DME LOCATED AT 300021.66N/0901443.25W" TO "I-ONW DME LOCATED AT 300021.66N/0901443.24W".

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A431 **NAME:** TIMOTHY JOHNSON

**APPROVED BY:** **DATE:** 12/18/2025 **OFFICE:** AJV-A431 **NAME:** CASEY HILL

**SIGNATURE:**



- 1. ADDED T224 TO FIX USE.
- 2. ADDED SECTIONAL TO CHARTING.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A431	<b>NAME:</b> PARNELL PRASSADA
<b>APPROVED BY:</b>	<b>DATE:</b> 11/30/2023	<b>OFFICE:</b> AJV-A431	<b>NAME:</b> ERIC N SUSKI
	<b>SIGNATURE:</b>		