

# RADIO FIX AND HOLDING DATA RECORD

NAME: GUDFA STATE: TX COUNTRY: US ICAO REGION CODE: K4  
LATITUDE/LONGITUDE: 284740.01N/0975336.73W TYPE: DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC	MRA	MAA
								NM FEET		
1	THREE RIVERS	THX	VORTAC	L	030.00	038.00	22.00	22.00 133674	1600	17500

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR/DME-A	1		K2R9	KENEDY	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 12/15/2011

## REASON FOR REVISION:

CHANGED FIX TYPE FROM CNF TO DME.  
ADD FAC 1.  
MOVED FIX 229 FT SE.  
ADD IAP CHARTING.

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: OFFICE: NAME:

APPROVED BY: DATE: OFFICE: AJV-A420 NAME: MARLON ROBINSON

*Digitally signed by*  
SIGNATURE: **ALLAN WILL**  
Jun 17, 2020

DISTRIBUTION: NFDC  
FPO: CEN  
ARTCC: ZHU  
ATC FACILITY:  
OTHER:



# RADIO FIX AND HOLDING DATA RECORD

NAME: LENZE STATE: TX COUNTRY: US ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 284256.00N/0975749.49W TYPE: DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	THREE RIVERS	THX	VORTAC	L	030.00	038.00	16.00	16.00		2000	17500

HOLDING: HOLDING TYPE OF ACTION: CANCEL

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SW	THX	VORTAC	030.00	030.00	L	1	2000 6000	4 5

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-012716)	284255.00N/0980238.60W	875	1A

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 AIR TRAFFIC REQUEST

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR/DME - A	1	1	K2R9	KENEDY	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 12/15/2011

**REASON FOR REVISION:**

UPDATE FIX COORDINATES, FIX MOVED 231' SE.  
 ADD DIST FROM FAC.  
 REMOVED DME LEG LENGTH.  
 CHANGED CONTROLLING OBSTACLE FROM 683 MSL TOWER TO 875 MSL TOWER.  
 ADD PRECIPITOUS TERRAIN TO REMARKS.

INITIATED BY: DATE: ORGANIZATION: NAME:  
 DEVELOPED BY: DATE: OFFICE: NAME:  
 APPROVED BY: DATE: OFFICE: AJV-A420 NAME: MARLON ROBINSON  
*Digitally signed by*  
 SIGNATURE: ALLAN WILL  
 Jun 17, 2020

DISTRIBUTION: NFDC  
 FPO: CEN  
 ARTCC: ZHU  
 ATC FACILITY:  
 OTHER:



# RADIO FIX AND HOLDING DATA RECORD

NAME: MABTY

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 284922.86N/0975205.07W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	THREE RIVERS	THX	VORTAC	L	030.00	038.00	24.17	24.17		1040	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR/DME-A	1		K2R9	KENEDY	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/15/2011

## REASON FOR REVISION:

CHANGED FIX TYPE FROM CNF TO DME.  
ADD FAC 1.  
MOVED FIX 1126' NE.  
ADD IAP CHARTING.

INITIATED BY:                      DATE:                      ORGANIZATION:                      NAME:

DEVELOPED BY:                      DATE:                      OFFICE:                      NAME:

APPROVED BY:                      DATE:                      OFFICE: AJV-A420                      NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*  
**ALLAN WILL**

DISTRIBUTION:                      NFDC  
FPO: CEN  
ARTCC: ZHU  
ATC FACILITY:  
OTHER:                      Jun 17, 2020



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** OTVIW **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4  
**LATITUDE/LONGITUDE:** 284343.85N/0981858.16W **TYPE:**

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** NO CHANGE

**FIX MAKE-UP FACILITIES:**

FAC NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1 THREE RIVERS	THX	VORTAC	L	318.89	326.89	16.00	16.00		2000	17500

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

**REMARKS:**

COORDINATION FIX FOR ZHU AND KSAT APPROACH FOR ARRIVALS FROM THE SOUTH AND DEPARTURES TO THE SOUTH.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V161-568	1				

**REQUIRED CHARTING:** EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 09/10/2020

**REASON FOR REVISION:**

1. DELETED K2R9 VOR/DME-A FROM FIX USE.
2. CHANGED CONTROLLER TO CONTROLLER LOW AND DELETED IAP FROM REQUIRED CHARTING.

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A423 **NAME:** SHANE FOWLER

**APPROVED BY:** **DATE:** **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

**SIGNATURE:** *Digitally signed by* **ALLAN WILL**

Jun 17, 2020

**DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZHU  
ATC FACILITY:  
OTHER:



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** THREE RIVERS VORTAC      **STATE:** TX      **COUNTRY:** US      **ICAO REGION CODE:** K4

**LATITUDE/LONGITUDE:** 283017.99N/0980901.68W      **TYPE:**

**AIRSPACE DOCKET:**      **FIX TYPE OF ACTION:** NO CHANGE

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC	MRA	MAA
								NM	FEET	
1	THREE RIVERS	THX	VORTAC	L						45000

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
THX	VORTAC	R-259	52	18200	45000

**FIX RESTRICTIONS:**

SPECIAL RNAV (GPS) RWY 17, KXS71, PAWNEE, TX  
 SPECIAL RNAV (GPS) RWY 33, KOXA4, FREER, TX

**HOLDING:**

**HOLDING TYPE OF ACTION:** MODIFY

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH	DME	HOLDING ALTITUDES	TEMPLATES		
							TIME		MIN	MAX	MIN	MAX
1	N	THX	VORTAC	340.06	160.06	R	1		2000	10000	4	9
2	N		WP	342.06	162.06	R		4	2000	10000	4	10
3	SW		WP	204.16	024.16	R		4	2000	6000	4	5

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-008226)	283314.00N/0981117.00W	706	1A
2	200	TOWER (48-008226)	283314.00N/0981117.00W	706	1A
3	200	TOWER (48-008086)	282424.00N/0981021.00W	737	2C

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ADDITIONAL ESV: THX R-339, 71 NM, 18200/37000.  
 ASSIGNED FACILITY MAGVAR: E8/1980.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PALACIOS			KT00	ANAHUAC	TX (US)
DP	PALACIOS			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	PALACIOS			K54T	BAYTOWN	TX (US)
DP	PALACIOS			KHPY	BAYTOWN	TX (US)
DP	PALACIOS			K6R3	CLEVELAND	TX (US)
DP	PALACIOS			KGLS	GALVESTON	TX (US)
DP	PALACIOS			KAXH	HOUSTON	TX (US)
DP	PALACIOS			KCXO	HOUSTON	TX (US)
DP	PALACIOS			KDWH	HOUSTON	TX (US)
DP	PALACIOS			KEFD	HOUSTON	TX (US)
DP	PALACIOS			KEYQ	HOUSTON	TX (US)
DP	PALACIOS			KHOU	HOUSTON	TX (US)
DP	PALACIOS			KIAH	HOUSTON	TX (US)
DP	PALACIOS			KIWS	HOUSTON	TX (US)
DP	PALACIOS			KLVJ	HOUSTON	TX (US)
DP	PALACIOS			KSGR	HOUSTON	TX (US)
DP	PALACIOS			KTME	HOUSTON	TX (US)
DP	PALACIOS			KT41	LA PORTE	TX (US)
DP	PALACIOS			KT78	LIBERTY	TX (US)
DP	BOWIE			KSAT	SAN ANTONIO	TX (US)
DP	THREE RIVERS (RNAV)			KSAT	SAN ANTONIO	TX (US)
DP	BOWIE			KSSF	SAN ANTONIO	TX (US)
DP	THREE RIVERS (RNAV)			KSSF	SAN ANTONIO	TX (US)
EN ROUTE	V161					(US)
EN ROUTE	V163					(US)
EN ROUTE	V568					(US)
IAP	RNAV (GPS) RWY 12			KBEA	BEEVILLE	TX (US)
IAP	VOR/DME RWY 12			KBEA	BEEVILLE	TX (US)
IAP	RNAV (GPS) RWY 32			K0XA5	CAMPBELLTON	TX (US)
IAP	RNAV (GPS) RWY 13			K2TA8	ENCINO	TX (US)
IAP	RNAV (GPS) RWY 31			K2TA8	ENCINO	TX (US)
IAP	RNAV (GPS) RWY 33			K0XA4	FREER	TX (US)
IAP	RNAV (GPS) RWY 13		2	K8T6	GEORGE WEST	TX (US)
IAP	VOR/DME-A		1	K8T6	GEORGE WEST	TX (US)
IAP	RNAV (GPS) RWY 17		3	KXS71	PAWNEE	TX (US)
IAP	GPS RWY 14			KT69	SINTON	TX (US)
STAR	LEMIG			KSAT	SAN ANTONIO	TX (US)
STAR	LEMIG			KSKF	SAN ANTONIO	TX (US)
STAR	LEMIG			KSSF	SAN ANTONIO	TX (US)
STAR	LEMIG			KRND	UNIVERSAL CITY	TX (US)



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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 11

**DATE OF REVISION:** 09/10/2020

**REASON FOR REVISION:**

1. DELETED UPN CONTROLLING OBSTACLE AND HOLDING RESTRICTIONS: UNPLANNED HOLDING APPROVED AT OR ABOVE 3000.
2. DELETED K2R9 VOR/DME-A FROM FIX USE.

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

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A423                      **NAME:** SHANE FOWLER

**APPROVED BY:**                      **DATE:**                      **OFFICE:** AJV-A420                      **NAME:** MARLON ROBINSON

**SIGNATURE:**                      *Digitally signed by*

**ALLAN WILL**

Jun 17, 2020

**DISTRIBUTION:**      **NFDC**  
**FPO: CEN**  
**ARTCC: ZHU**  
**ATC FACILITY: CRP APP CON**  
**OTHER:**

