

# RADIO FIX AND HOLDING DATA RECORD

NAME: COLLEGE STATION VORTAC      STATE: TX      COUNTRY: US      ICAO REGION CODE: K4  
 LATITUDE/LONGITUDE: 303618.01N/0962514.45W      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	MRA FEET	MAA
1	COLLEGE STATION	CLL	VORTAC	L						17500

HOLDING:      HOLDING TYPE OF ACTION: NO CHANGE

**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	NE	CLL	VORTAC	063.00	243.00	R	1	2100 6000	4 5
2	W	CLL	VORTAC	279.00	099.00	R	1-1 1/2	2000 6000	4 5

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-003334)	304116.22N/0962532.44W	1022	1A
2	200	TOWER (48-004140)	303939.66N/0962500.12W	787	2C

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ASSIGNED FACILITY MAGVAR: 8E (1965).

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JOE POOL			KGKY	ARLINGTON	TX (US)
DP	CENTEX			KAUS	AUSTIN	TX (US)
DP	JOE POOL			KADS	DALLAS	TX (US)
DP	CURLO (RNAV)			KDAL	DALLAS	TX (US)
DP	JOE POOL			KDAL	DALLAS	TX (US)
DP	RAMBL (RNAV)			KDAL	DALLAS	TX (US)
DP	VENUS			KDAL	DALLAS	TX (US)
DP	JOE POOL			KRBD	DALLAS	TX (US)
DP	JOE POOL			KTKI	DALLAS	TX (US)
DP	ARDIA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL			KDFW	DALLAS-FORT WORTH	TX (US)
DP	KEENE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL			KDTO	DENTON	TX (US)
DP	CONRA			KHLR	FORT HOOD (KILLEEN)	TX (US)
DP	CONRA			KGRK	FORT HOOD/KILLEEN	TX (US)
DP	JOE POOL			KAFW	FORT WORTH	TX (US)
DP	JOE POOL			KFTW	FORT WORTH	TX (US)
DP	JOE POOL			KFWS	FORT WORTH	TX (US)
DP	JOE POOL			KNFW	FORT WORTH	TX (US)
DP	JOE POOL			KGPM	GRAND PRAIRIE	TX (US)
DP	JUNCTION			KCXO	HOUSTON	TX (US)
DP	JUNCTION			KDWH	HOUSTON	TX (US)
DP	JUNCTION			KIAH	HOUSTON	TX (US)
DP	CONRA			KILE	KILLEEN	TX (US)
DP	JOE POOL			KLNC	LANCASTER	TX (US)
DP	JOE POOL			KHQZ	MESQUITE	TX (US)
EN ROUTE	J183					(US)
EN ROUTE	T254					(US)
EN ROUTE	V15					(US)
EN ROUTE	V194					(US)
EN ROUTE	V548					(US)
EN ROUTE	V565					(US)
EN ROUTE	V583					(US)
IAP	VOR/DME-A		1	KCFD	BRYAN	TX (US)
IAP	VOR/DME-A		1	KRWV	CALDWELL	TX (US)
IAP	WHAEL			K6R3	CLEVELAND	TX (US)
IAP	ILS OR LOC RWY 34			KCLL	COLLEGE STATION	TX (US)
IAP	LOC BC RWY 16			KCLL	COLLEGE STATION	TX (US)
IAP	VOR OR TACAN RWY 10			KCLL	COLLEGE STATION	TX (US)
IAP	VOR RWY 28		2	KCLL	COLLEGE STATION	TX (US)
IAP	NDB RWY 18			KUTS	HUNTSVILLE	TX (US)
IAP	RNAV (GPS) RWY 36			K51R	MADISONVILLE	TX (US)
STAR	BLUBELL			KT00	ANAHUAC	TX (US)
STAR	BLUBELL			KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	QTRBK			KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	BITER			KAUS	AUSTIN	TX (US)
STAR	BITER			KEDC	AUSTIN	TX (US)
STAR	BITER			KHYI	AUSTIN	TX (US)
STAR	BLUBELL			K54T	BAYTOWN	TX (US)

STAR	BLUBELL	KHPY	BAYTOWN	TX (US)
STAR	RIICE	K6R3	CLEVELAND	TX (US)
STAR	BLUBELL	KGLS	GALVESTON	TX (US)
STAR	QTRBK	KGLS	GALVESTON	TX (US)
STAR	BITER	KGTU	GEORGETOWN	TX (US)
STAR	BLUBELL	KAXH	HOUSTON	TX (US)
STAR	RIICE	KCXO	HOUSTON	TX (US)
STAR	WHAEL	KCXO	HOUSTON	TX (US)
STAR	RIICE	KDWH	HOUSTON	TX (US)
STAR	WHAEL	KDWH	HOUSTON	TX (US)
STAR	BLUBELL	KEFD	HOUSTON	TX (US)
STAR	QTRBK	KEFD	HOUSTON	TX (US)
STAR	BLUBELL	KHOU	HOUSTON	TX (US)
STAR	QTRBK	KHOU	HOUSTON	TX (US)
STAR	RIICE	KIAH	HOUSTON	TX (US)
STAR	BLUBELL	KIWS	HOUSTON	TX (US)
STAR	BLUBELL	KLVJ	HOUSTON	TX (US)
STAR	BLUBELL	KSGR	HOUSTON	TX (US)
STAR	BLUBELL	KTME	HOUSTON	TX (US)
STAR	BLUBELL	KT41	LA PORTE	TX (US)
STAR	BITER	KRYW	LAGO VISTA	TX (US)
STAR	BITER	K3R9	LAKEWAY	TX (US)
STAR	RIICE	KT78	LIBERTY	TX (US)
STAR	WHAEL	KT78	LIBERTY	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 21

**DATE OF REVISION:** 02/01/2018

**REASON FOR REVISION:**

UPDATE FIX USE, REMOVED DME FROM KCLL VOR/DME RWY 28 AND ADDED STAR WHAEL.

**DEVELOPED BY:**      **DATE:** 08/30/2017

**OFFICE:** AJV-5432

**NAME:** HERMAN ROGERS

**APPROVED BY:**      **DATE:**

**OFFICE:** AJV-5430

**NAME:** PATRICK MULQUEEN

**SIGNATURE:**

**DISTRIBUTION:**

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

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** NAVASOTA VOR/DME      **STATE:** TX      **COUNTRY:** US      **ICAO REGION CODE:** K4

**LATITUDE/LONGITUDE:** 301718.70N/0960329.66W      **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	MRA FEET	MAA
1	NAVASOTA	TNV	VOR/DME	H						45000

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

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NW	TNV	VOR/DME	297.95	117.95	R	1		2000	6000	4	5

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-010397)	301820.00N/0960141.00W	807	4D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAGVAR: 8E (1965).

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CRIED			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	INDUSTRY			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	LEONA			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	JOE POOL			KGKY	ARLINGTON	TX (US)
DP	CENTEX			KAUS	AUSTIN	TX (US)
DP	JOE POOL			KADS	DALLAS	TX (US)
DP	CURLO (RNAV)			KDAL	DALLAS	TX (US)
DP	JOE POOL			KDAL	DALLAS	TX (US)
DP	RAMBL (RNAV)			KDAL	DALLAS	TX (US)
DP	VENUS			KDAL	DALLAS	TX (US)
DP	JOE POOL			KRBD	DALLAS	TX (US)
DP	JOE POOL			KTKI	DALLAS	TX (US)
DP	DARTZ (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL			KDFW	DALLAS-FORT WORTH	TX (US)
DP	KEENE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	TRI-GATE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL			KDTO	DENTON	TX (US)
DP	JOE POOL			KAFW	FORT WORTH	TX (US)
DP	JOE POOL			KFTW	FORT WORTH	TX (US)
DP	JOE POOL			KFWS	FORT WORTH	TX (US)
DP	JOE POOL			KNFW	FORT WORTH	TX (US)
DP	CRIED			KGLS	GALVESTON	TX (US)
DP	INDUSTRY			KGLS	GALVESTON	TX (US)
DP	LEONA			KGLS	GALVESTON	TX (US)
DP	JOE POOL			KGPM	GRAND PRAIRIE	TX (US)
DP	CRIED			KAXH	HOUSTON	TX (US)
DP	INDUSTRY			KAXH	HOUSTON	TX (US)
DP	LEONA			KAXH	HOUSTON	TX (US)
DP	CRIED			KCXO	HOUSTON	TX (US)
DP	INDUSTRY			KCXO	HOUSTON	TX (US)
DP	LEONA			KCXO	HOUSTON	TX (US)
DP	CRIED			KDWH	HOUSTON	TX (US)
DP	INDUSTRY			KDWH	HOUSTON	TX (US)
DP	LEONA			KDWH	HOUSTON	TX (US)
DP	CRIED			KEFD	HOUSTON	TX (US)
DP	INDUSTRY			KEFD	HOUSTON	TX (US)
DP	LEONA			KEFD	HOUSTON	TX (US)
DP	CRIED			KHOU	HOUSTON	TX (US)
DP	INDUSTRY			KHOU	HOUSTON	TX (US)
DP	LEONA			KHOU	HOUSTON	TX (US)
DP	CRIED			KIAH	HOUSTON	TX (US)
DP	INDUSTRY			KIAH	HOUSTON	TX (US)
DP	LEONA			KIAH	HOUSTON	TX (US)
DP	CRIED			KIWS	HOUSTON	TX (US)
DP	INDUSTRY			KIWS	HOUSTON	TX (US)
DP	LEONA			KIWS	HOUSTON	TX (US)
DP	CRIED			KSGR	HOUSTON	TX (US)
DP	INDUSTRY			KSGR	HOUSTON	TX (US)
DP	LEONA			KSGR	HOUSTON	TX (US)
DP	CRIED			KTME	HOUSTON	TX (US)
DP	INDUSTRY			KTME	HOUSTON	TX (US)

DP	LEONA	KTME	HOUSTON	TX (US)
DP	CRIED	KT41	LA PORTE	TX (US)
DP	INDUSTRY	KT41	LA PORTE	TX (US)
DP	LEONA	KT41	LA PORTE	TX (US)
DP	JOE POOL	KLNC	LANCASTER	TX (US)
DP	JOE POOL	KHQZ	MESQUITE	TX (US)
EN ROUTE	J87			(US)
EN ROUTE	V15			(US)
EN ROUTE	V212			(US)
EN ROUTE	V306			(US)
EN ROUTE	V369			(US)
EN ROUTE	V571			(US)
EN ROUTE	V574			(US)
IAP	VOR OR TACAN RWY 10	KCLL	COLLEGE STATION	TX (US)
IAP	VOR RWY 28	KCLL	COLLEGE STATION	TX (US)
IAP	ILS OR LOC RWY 14	KCXO	HOUSTON	TX (US)
IAP	NDB RWY 14	KCXO	HOUSTON	TX (US)
IAP	LOC RWY 17R	1 KDWH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 26L	KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 26R	KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 33R	KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 8L	KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 8R	KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 9	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26L (CAT II & III)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26L (SA CAT 1)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26R (CAT II & III)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26R (SA CAT 1)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 8L (CAT II & III)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 8L (SA CAT 1)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 8R (SA CAT I & II)	KIAH	HOUSTON	TX (US)
IAP	ILS RWY 9 (SA CAT I & II)	KIAH	HOUSTON	TX (US)
IAP	VOR-D	KIWS	HOUSTON	TX (US)
IAP	VOR-A	1 K60R	NAVASOTA	TX (US)
STAR	BLUEBELL	KT00	ANAHUAC	TX (US)
STAR	BLUEBELL	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	QTRBK	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	BITER	K3R9	AUSTIN	TX (US)
STAR	BITER	KAUS	AUSTIN	TX (US)
STAR	BITER	KEDC	AUSTIN	TX (US)
STAR	BITER	KHYI	AUSTIN	TX (US)
STAR	BLUEBELL	K54T	BAYTOWN	TX (US)
STAR	BLUEBELL	KHPY	BAYTOWN	TX (US)
STAR	WHAEL	K6R3	CLEVELAND	TX (US)
STAR	BLUEBELL	KGLS	GALVESTON	TX (US)
STAR	QTRBK	KGLS	GALVESTON	TX (US)
STAR	BITER	KGTU	GEORGETOWN	TX (US)
STAR	BLUEBELL	KAXH	HOUSTON	TX (US)
STAR	RIICE	KCXO	HOUSTON	TX (US)
STAR	WHAEL	KCXO	HOUSTON	TX (US)
STAR	RIICE	KDWH	HOUSTON	TX (US)
STAR	WHAEL	KDWH	HOUSTON	TX (US)
STAR	BLUEBELL	KEFD	HOUSTON	TX (US)
STAR	QTRBK	KEFD	HOUSTON	TX (US)
STAR	BLUEBELL	KHOU	HOUSTON	TX (US)
STAR	QTRBK	KHOU	HOUSTON	TX (US)
STAR	RIICE	KHOU	HOUSTON	TX (US)
STAR	DUUUK	KIAH	HOUSTON	TX (US)
STAR	RIICE	KIAH	HOUSTON	TX (US)
STAR	BLUEBELL	KIWS	HOUSTON	TX (US)
STAR	BLUEBELL	KLVJ	HOUSTON	TX (US)
STAR	BLUEBELL	KSGR	HOUSTON	TX (US)
STAR	BLUEBELL	KTME	HOUSTON	TX (US)
STAR	BLUEBELL	KT41	LA PORTE	TX (US)
STAR	BITER	KRYW	LAGO VISTA	TX (US)
STAR	RIICE	KT78	LIBERTY	TX (US)
STAR	WHAEL	KT78	LIBERTY	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 10

**DATE OF REVISION:** 02/01/2018

**REASON FOR REVISION:**

UPDATE FIX USE, REMOVED DME FROM KCLL VOR/DME RWY 28.  
DELETED KCLL LOC BC RWY 16.

**DEVELOPED BY:**                      **DATE:** 08/30/2017

**OFFICE:** AJV-5432

**NAME:** HERMAN ROGERS

**APPROVED BY:**                      **DATE:**

**OFFICE:** AJV-5430

**NAME:** PATRICK MULQUEEN

**SIGNATURE:**

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