



DP	NANDR (RNAV)	KWEA	WEATHERFORD	TX (US)
EN ROUTE	J21			(US)
EN ROUTE	J52			(US)
EN ROUTE	V161			(US)
EN ROUTE	V17			(US)
EN ROUTE	V507			(US)
EN ROUTE	V573			(US)
IAP	RNAV (GPS) RWY 17	1F0	ARDMORE	OK (US)
IAP	RNAV (GPS) RWY 35	1F0	ARDMORE	OK (US)
IAP	ILS OR LOC RWY 31	1 KADM	ARDMORE	OK (US)
IAP	RNAV (GPS) RWY 13	KADM	ARDMORE	OK (US)
IAP	RNAV (GPS) RWY 31	KADM	ARDMORE	OK (US)
IAP	VOR-B	1 KADM	ARDMORE	OK (US)
IAP	RNAV (GPS) RWY 17	KDUC	DUNCAN	OK (US)
IAP	RNAV (GPS) RWY 35	KDUC	DUNCAN	OK (US)
IAP	RNAV (GPS) RWY 18	2 1F4	MADILL	OK (US)
IAP	RNAV (GPS) RWY 18	KGLE	GAINESVILLE	TX (US)
IAP	RNAV (GPS) RWY 16	KSWI	SHERMAN	TX (US)
IAP	RNAV (GPS) RWY 18L	KGYI	SHERMAN/DENISON	TX (US)
STAR	MOTZA	KGKY	ARLINGTON	TX (US)
STAR	SASIE	KGKY	ARLINGTON	TX (US)
STAR	MOTZA	KCPT	CLEBURNE	TX (US)
STAR	SASIE	KCPT	CLEBURNE	TX (US)
STAR	FINGR	KADS	DALLAS	TX (US)
STAR	GREGS	KADS	DALLAS	TX (US)
STAR	SASIE	KADS	DALLAS	TX (US)
STAR	FINGR	KDAL	DALLAS	TX (US)
STAR	GREGS	KDAL	DALLAS	TX (US)
STAR	FINGR	KRBD	DALLAS	TX (US)
STAR	GREGS	KRBD	DALLAS	TX (US)
STAR	FINGR	KTKI	DALLAS	TX (US)
STAR	GREGS	KTKI	DALLAS	TX (US)
STAR	BOWIE	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	FINGR	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	MOTZA	KLUD	DECATUR	TX (US)
STAR	SASIE	KLUD	DECATUR	TX (US)
STAR	GREGS	KDTO	DENTON	TX (US)
STAR	SASIE	KDTO	DENTON	TX (US)
STAR	FINGR	F41	ENNIS	TX (US)
STAR	GREGS	F41	ENNIS	TX (US)
STAR	MOTZA	50F	FORT WORTH	TX (US)
STAR	SASIE	50F	FORT WORTH	TX (US)
STAR	MOTZA	KAFW	FORT WORTH	TX (US)
STAR	SASIE	KAFW	FORT WORTH	TX (US)
STAR	MOTZA	KFTW	FORT WORTH	TX (US)
STAR	SASIE	KFTW	FORT WORTH	TX (US)
STAR	MOTZA	KFWS	FORT WORTH	TX (US)
STAR	SASIE	KFWS	FORT WORTH	TX (US)
STAR	MOTZA	KNFW	FORT WORTH	TX (US)
STAR	SASIE	KNFW	FORT WORTH	TX (US)
STAR	MOTZA	KGPM	GRAND PRAIRIE	TX (US)
STAR	SASIE	KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR	KLNC	LANCASTER	TX (US)
STAR	GREGS	KLNC	LANCASTER	TX (US)
STAR	FINGR	KHQZ	MESQUITE	TX (US)
STAR	GREGS	KHQZ	MESQUITE	TX (US)
STAR	FINGR	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	GREGS	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR	F46	ROCKWALL	TX (US)
STAR	GREGS	F46	ROCKWALL	TX (US)
STAR	MOTZA	KWEA	WEATHERFORD	TX (US)
STAR	SASIE	KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 35

**DATE OF REVISION:** 05/16/2024

**REASON FOR REVISION:**

- 1. FIX USE: RNAV (GPS) RWY 17L CHANGED TO RNAV (GPS) RWY 18L.

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

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A422                      **NAME:** BRITNEY ARMENTROUT

**APPROVED BY:**                      **DATE:** 05/16/2024                      **OFFICE:** AJV-A33                      **NAME:** JOHN BORDY

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: BIRLE STATE: OK COUNTRY: US ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 341738.44N/0952647.00W TYPE: 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	BONHAM	BYP	VORTAC	H	034.74	040.74	60.00	60.00		5000	45000
2	TULSA	TUL	VORTAC	H	163.52	171.52		115.19		13000	45000

### EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BYP	VORTAC	R-035	60	5000	15200
TUL	VORTAC	R-164	116	13000	18000

HOLDING: HOLDING TYPE OF ACTION: MODIFY

### 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	BYP	VORTAC	034.74	214.74	R	1-1 1/2	13000 30000	12 24

### CONTROLLING OBSTRUCTIONS:

PAT	AIRPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	343006.00N/0952009.00W	1618	4E

### HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

### REMARKS:

BONHAM (FAC 1) USED TO ESTABLISH FIX COORDINATES.  
CHART HOLDING ON ENROUTE HIGH CHART.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ALTITUDE USE OF 13000 DUE TO FLIGHT CHECK RESULTS OF ESV FOR TUL VTAC.

### FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SASIE	1, 2	1	KGKY	ARLINGTON	TX (US)
STAR	SASIE	1, 2	1	KCPT	CLEBURNE	TX (US)
STAR	FINGR	1, 2	1	KADS	DALLAS	TX (US)
STAR	SASIE	1, 2	1	KADS	DALLAS	TX (US)
STAR	FINGR	1, 2	1	KDAL	DALLAS	TX (US)
STAR	FINGR	1, 2	1	KRBD	DALLAS	TX (US)
STAR	FINGR	1, 2	1	KTKI	DALLAS	TX (US)
STAR	FINGR	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE	1, 2	1	KLUD	DECATUR	TX (US)
STAR	SASIE	1, 2	1	KDTO	DENTON	TX (US)
STAR	FINGR	1, 2	1	F41	ENNIS	TX (US)
STAR	SASIE	1, 2	1	50F	FORT WORTH	TX (US)
STAR	SASIE	1, 2	1	KAFW	FORT WORTH	TX (US)
STAR	SASIE	1, 2	1	KFTW	FORT WORTH	TX (US)
STAR	SASIE	1, 2	1	KFWS	FORT WORTH	TX (US)
STAR	SASIE	1, 2	1	KNFW	FORT WORTH	TX (US)
STAR	SASIE	1, 2	1	KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR	1, 2	1	KLNC	LANCASTER	TX (US)
STAR	FINGR	1, 2	1	KHQZ	MESQUITE	TX (US)
STAR	FINGR	1, 2	1	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR	1, 2	1	F46	ROCKWALL	TX (US)
STAR	SASIE	1, 2	1	KWEA	WEATHERFORD	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

REMOVED MLC FROM FIX MAKE-UP.  
ADDED TUL TO FIX MAKE-UP.  
BYP/TUL MRA INCREASED FROM 5000 TO 8000.  
ADDED TUL ESV DATA; REMOVED MLC ESV DATA.  
HOLD PAT 1 MIN ALT CHANGED FROM 5000 TO 8000; MIN TEMPLATE FROM 7 TO 10.  
ADDED TUL FIELD STRENGTH REMARK.

8/23/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 6/10/19.

1. CHANGED FAC 1 MRA FROM 8000 TO 5000.

10/8/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 6/10/19.

1. CHANGED FAC 2 MRA FROM 8000 TO 13000.

2. HOLDING PATTERN 1 MIN ALTITUDE INCREASED FROM 8000 TO 13000, LEG LENGTH TIME CHANGED FROM 1 1/2 TO 1-1 1/2, MIN TEMPLATE CHANGED FROM 10 TO 12.

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

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A442                      **NAME:** DAN POWELL

**APPROVED BY:**                      **DATE:** 10/24/2019                      **OFFICE:** AJV-A440                      **NAME:** PATRICK MULQUEEN

**SIGNATURE:**

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: BONHAM VORTAC STATE: TX COUNTRY: US ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 333214.95N/0961402.74W 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	BONHAM	BYP	VORTAC	VH						45000

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

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH	HOLDING ALTITUDES	TEMPLATES
							TIME DME	MIN MAX	MIN MAX
1	NE	BYP	VORTAC	024.39	204.39	L	1	2500 10000	4 9
2	NE		WP	024.39	204.39	L	4	2500 10000	5 10
3	NE	BYP	VORTAC	044.95	224.95	R	1	10000 45000	9 29

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-008406)	333522.43N/0961404.40W	1066	2C
2	200	TOWER (48-008406)	333522.43N/0961404.40W	1066	2C
2	310	TOWER (48-008406)	333522.43N/0961404.40W	1066	2C
3	230	TOWER (48-010571)	333730.72N/0962002.56W	1183	5D

**REASON FOR NONSTANDARD HOLDING:**  
 PAT 1 AIR TRAFFIC REQUEST  
 PAT 2 PARACHUTE JUMPING AREA WEST OF HOLDING AIRSPACE

**HOLDING RESTRICTIONS:**  
 HOLDING LIMITED TO ESTABLISHED PATTERNS.

**REMARKS:**  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 MAGVAR: 1995/E06

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LEONA			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	DALLAS			KGKY	ARLINGTON	TX (US)
DP	GARLAND			KGKY	ARLINGTON	TX (US)
DP	TEXOMA			KGKY	ARLINGTON	TX (US)
DP	GARLAND			KCPT	CLEBURNE	TX (US)
DP	DALLAS			KADS	DALLAS	TX (US)
DP	GARLAND			KADS	DALLAS	TX (US)
DP	TEXOMA			KADS	DALLAS	TX (US)
DP	BACHMAN			KDAL	DALLAS	TX (US)
DP	DALLAS			KDAL	DALLAS	TX (US)
DP	GARLAND			KDAL	DALLAS	TX (US)
DP	KRUMM			KDAL	DALLAS	TX (US)
DP	TEXOMA			KDAL	DALLAS	TX (US)
DP	DALLAS			KRBD	DALLAS	TX (US)
DP	GARLAND			KRBD	DALLAS	TX (US)
DP	TEXOMA			KRBD	DALLAS	TX (US)
DP	DALLAS			KTKI	DALLAS	TX (US)
DP	GARLAND			KTKI	DALLAS	TX (US)
DP	TEXOMA			KTKI	DALLAS	TX (US)
DP	DALLAS			KDFW	DALLAS-FORT WORTH	TX (US)
DP	GARLAND			KDFW	DALLAS-FORT WORTH	TX (US)
DP	TEXOMA			KDFW	DALLAS-FORT WORTH	TX (US)
DP	GARLAND			KLUD	DECATUR	TX (US)
DP	DALLAS			KDTO	DENTON	TX (US)
DP	GARLAND			KDTO	DENTON	TX (US)
DP	TEXOMA			KDTO	DENTON	TX (US)
DP	GARLAND			F41	ENNIS	TX (US)
DP	GARLAND			50F	FORT WORTH	TX (US)
DP	DALLAS			KAFW	FORT WORTH	TX (US)
DP	GARLAND			KAFW	FORT WORTH	TX (US)
DP	TEXOMA			KAFW	FORT WORTH	TX (US)
DP	DALLAS			KFTW	FORT WORTH	TX (US)
DP	GARLAND			KFTW	FORT WORTH	TX (US)
DP	TEXOMA			KFTW	FORT WORTH	TX (US)
DP	DALLAS			KFWS	FORT WORTH	TX (US)
DP	GARLAND			KFWS	FORT WORTH	TX (US)
DP	TEXOMA			KFWS	FORT WORTH	TX (US)
DP	DALLAS			KNFW	FORT WORTH	TX (US)
DP	GARLAND			KNFW	FORT WORTH	TX (US)
DP	TEXOMA			KNFW	FORT WORTH	TX (US)
DP	LEONA			KGLS	GALVESTON	TX (US)

DP	DALLAS		KGPM	GRAND PRAIRIE	TX (US)
DP	GARLAND		KGPM	GRAND PRAIRIE	TX (US)
DP	TEXOMA		KGPM	GRAND PRAIRIE	TX (US)
DP	LEONA		KAXH	HOUSTON	TX (US)
DP	LEONA		KCXO	HOUSTON	TX (US)
DP	LEONA		KDWH	HOUSTON	TX (US)
DP	LEONA		KEFD	HOUSTON	TX (US)
DP	LEONA		KHOU	HOUSTON	TX (US)
DP	LEONA		KIAH	HOUSTON	TX (US)
DP	LEONA		KIWS	HOUSTON	TX (US)
DP	LEONA		KSGR	HOUSTON	TX (US)
DP	LEONA		KTME	HOUSTON	TX (US)
DP	LEONA		T41	LA PORTE	TX (US)
DP	DALLAS		KLNC	LANCASTER	TX (US)
DP	GARLAND		KLNC	LANCASTER	TX (US)
DP	TEXOMA		KLNC	LANCASTER	TX (US)
DP	DALLAS		KHQZ	MESQUITE	TX (US)
DP	GARLAND		KHQZ	MESQUITE	TX (US)
DP	TEXOMA		KHQZ	MESQUITE	TX (US)
DP	GARLAND		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
DP	GARLAND		F46	ROCKWALL	TX (US)
DP	GARLAND		KWEA	WEATHERFORD	TX (US)
EN ROUTE	J66				(US)
EN ROUTE	V114				(US)
EN ROUTE	V124				(US)
EN ROUTE	V15				(US)
EN ROUTE	V16				(US)
EN ROUTE	V278				(US)
EN ROUTE	V573				(US)
IAP	RNAV (GPS) RWY 17	2	F00	BONHAM	TX (US)
IAP	RNAV (GPS) RWY 35		F00	BONHAM	TX (US)
IAP	VOR/DME RWY 17		F00	BONHAM	TX (US)
IAP	RNAV (GPS) RWY 36		7F3	CADDO MILLS	TX (US)
IAP	RNAV (GPS) RWY 18		2F7	COMMERCE	TX (US)
IAP	RNAV (GPS) RWY 36		2F7	COMMERCE	TX (US)
IAP	ILS OR LOC RWY 16		KADS	DALLAS	TX (US)
IAP	ILS OR LOC RWY 34		KADS	DALLAS	TX (US)
IAP	ILS OR LOC RWY 31L		KDAL	DALLAS	TX (US)
IAP	ILS OR LOC RWY 31R		KDAL	DALLAS	TX (US)
IAP	ILS RWY 31R (SA CAT I)		KDAL	DALLAS	TX (US)
IAP	ILS RWY 31R (SA CAT II)		KDAL	DALLAS	TX (US)
IAP	ILS OR LOC RWY 18	1	KTKI	DALLAS	TX (US)
IAP	VOR/DME-A		KTKI	DALLAS	TX (US)
IAP	CONVERGING ILS RWY 35C		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	CONVERGING ILS RWY 35L		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 35C		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 35L		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35C (CAT II-III)		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35C (SA CAT I)		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 18L		KDTO	DENTON	TX (US)
IAP	RNAV (GPS) RWY 18R		KDTO	DENTON	TX (US)
IAP	ILS Y OR LOC Y RWY 17		KGVT	GREENVILLE	TX (US)
IAP	ILS Z OR LOC Z RWY 17		KGVT	GREENVILLE	TX (US)
IAP	RNAV (GPS) RWY 17		KGVT	GREENVILLE	TX (US)
IAP	TACAN RWY 17		KGVT	GREENVILLE	TX (US)
IAP	TACAN RWY 35		KGVT	GREENVILLE	TX (US)
IAP	VOR/DME RWY 17		KGVT	GREENVILLE	TX (US)
IAP	RNAV (GPS) RWY 17		F46	ROCKWALL	TX (US)
IAP	RNAV (GPS) RWY 16		KSWI	SHERMAN	TX (US)
IAP	RNAV (GPS) RWY 34		KSWI	SHERMAN	TX (US)
IAP	VOR/DME-A		KSWI	SHERMAN	TX (US)
IAP	ILS OR LOC RWY 18L		KGYI	SHERMAN/DENISON	TX (US)
IAP	RNAV (GPS) RWY 18L		KGYI	SHERMAN/DENISON	TX (US)
IAP	RNAV (GPS) RWY 36R		KGYI	SHERMAN/DENISON	TX (US)
IAP	VOR-A		KGYI	SHERMAN/DENISON	TX (US)
STAR	SASIE	3	KGKY	ARLINGTON	TX (US)
STAR	SASIE	3	KCPT	CLEBURNE	TX (US)
STAR	FINGR	3	KADS	DALLAS	TX (US)
STAR	SASIE	3	KADS	DALLAS	TX (US)
STAR	FINGR	3	KDAL	DALLAS	TX (US)
STAR	FINGR	3	KRBD	DALLAS	TX (US)
STAR	FINGR	3	KTKI	DALLAS	TX (US)
STAR	FINGR	3	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE	3	KLUD	DECATUR	TX (US)
STAR	SASIE	3	KDTO	DENTON	TX (US)
STAR	FINGR	3	F41	ENNIS	TX (US)
STAR	SASIE	3	50F	FORT WORTH	TX (US)
STAR	SASIE	3	KAFW	FORT WORTH	TX (US)
STAR	SASIE	3	KFTW	FORT WORTH	TX (US)
STAR	SASIE	3	KFWS	FORT WORTH	TX (US)
STAR	SASIE	3	KNFW	FORT WORTH	TX (US)
STAR	SASIE	3	KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR	3	KLNC	LANCASTER	TX (US)
STAR	FINGR	3	KHQZ	MESQUITE	TX (US)
STAR	FINGR	3	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR	3	F46	ROCKWALL	TX (US)
STAR	SASIE	3	KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 21

**DATE OF REVISION:** 05/16/2024

**REASON FOR REVISION:**

- 1. FIX USE: ILS OR LOC RWY 17L CHANGED TO ILS OR LOC RWY 18L.
- 2. FIX USE: RNAV (GPS) RWY 17L CHANGED TO RNAV (GPS) RWY 18L.
- 3. FIX USE: RNAV (GPS) RWY 35R CHANGED TO RNAV (GPS) RWY 36R.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A422

**NAME:** BRITNEY ARMENTROUT

**APPROVED BY:**

**DATE:** 05/16/2024

**OFFICE:** AJV-A33

**NAME:** JOHN BORDY

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CAINE **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

**LATITUDE/LONGITUDE:** 333857.09N/0962313.99W **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	RANGER	FUZ	VORTAC	H	035.00	041.00	60.48	60.48		3600	17500
2	BONHAM	BYP	VORTAC	H	305.12	311.12		10.18		3600	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FUZ	VORTAC	R-035	61	3600	15200

**HOLDING:** **HOLDING TYPE OF ACTION:**

**REMARKS:**

RANGER (FAC 1) AND BONHAM (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
REQUEST CHARTING ON THE HIGH ALTITUDE CONTROLLER CHART.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V573	1, 2				
STAR	SASIE	1, 2		KGKY	ARLINGTON	TX (US)
STAR	TRUUK (RNAV)			KGKY	ARLINGTON	TX (US)
STAR	SASIE	1, 2		KCPT	CLEBURNE	TX (US)
STAR	TRUUK (RNAV)			KCPT	CLEBURNE	TX (US)
STAR	SASIE	1, 2		KADS	DALLAS	TX (US)
STAR	CAINE (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	DAWGZ (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE	1, 2		KLUD	DECATUR	TX (US)
STAR	TRUUK (RNAV)			KLUD	DECATUR	TX (US)
STAR	SASIE	1, 2		KDTO	DENTON	TX (US)
STAR	TRUUK (RNAV)			KDTO	DENTON	TX (US)
STAR	SASIE	1, 2		50F	FORT WORTH	TX (US)
STAR	TRUUK (RNAV)			50F	FORT WORTH	TX (US)
STAR	SASIE	1, 2		KAFW	FORT WORTH	TX (US)
STAR	TRUUK (RNAV)			KAFW	FORT WORTH	TX (US)
STAR	SASIE	1, 2		KFTW	FORT WORTH	TX (US)
STAR	TRUUK (RNAV)			KFTW	FORT WORTH	TX (US)
STAR	SASIE	1, 2		KFWS	FORT WORTH	TX (US)
STAR	TRUUK (RNAV)			KFWS	FORT WORTH	TX (US)
STAR	SASIE	1, 2		KNFW	FORT WORTH	TX (US)
STAR	TRUUK (RNAV)			KNFW	FORT WORTH	TX (US)
STAR	SASIE	1, 2		KGPM	GRAND PRAIRIE	TX (US)
STAR	TRUUK (RNAV)			KGPM	GRAND PRAIRIE	TX (US)
STAR	SASIE	1, 2		KWEA	WEATHERFORD	TX (US)
STAR	TRUUK (RNAV)			KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 5 **DATE OF REVISION:** 11/10/2016

**REASON FOR REVISION:**

ADDED REQUEST CHARTING ON THE HIGH ALTITUDE CONTROLLER CHART TO REMARKS.

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

**DEVELOPED BY:** **DATE:** 07/15/2016 **OFFICE:** AJV-5422 **NAME:** JOHN HAZELTON

**APPROVED BY:** **DATE:** 08/30/2016 **OFFICE:** AJV-5420 **NAME:** TONY LAWSON

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZFW  
ATC FACILITY: REGIONAL APP CON  
OTHER:



# RADIO FIX AND HOLDING DATA RECORD

NAME: EL DORADO VOR/DME

STATE: AR

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 331522.15N/0924438.21W

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	EL DORADO	ELD	VOR/DME	VH						45000

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	TEMPLATES
									MIN MAX	MIN MAX
1	NE	ELD	VOR/DME	052.00	232.00	R	1		2000 14000	4 10

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (05-000612)	331615.16N/0924214.15W	812	1A

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
KDFW PITCH/CATCH POINT  
ELD MAGVAR 7E  
NAME CHANGED FROM EL DORADO VORTAC TO EL DORADO VOR/DME.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	EL DORADO			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	EL DORADO			KGLS	GALVESTON	TX (US)
DP	EL DORADO			KAXH	HOUSTON	TX (US)
DP	EL DORADO			KCXO	HOUSTON	TX (US)
DP	EL DORADO			KDWH	HOUSTON	TX (US)
DP	EL DORADO			KEFD	HOUSTON	TX (US)
DP	EL DORADO			KHOU	HOUSTON	TX (US)
DP	EL DORADO			KIAH	HOUSTON	TX (US)
DP	EL DORADO			KIWS	HOUSTON	TX (US)
DP	EL DORADO			KSGR	HOUSTON	TX (US)
DP	EL DORADO			KTME	HOUSTON	TX (US)
DP	EL DORADO			T41	LA PORTE	TX (US)
EN ROUTE	J29					(US)
EN ROUTE	Q32					(US)
EN ROUTE	V305					(QA)
EN ROUTE	V407					(US)
EN ROUTE	V69					(US)
EN ROUTE	V71					(US)
IAP	ILS OR LOC RWY 22			KELD	EL DORADO	AR (US)
IAP	RNAV (GPS) RWY 22			KELD	EL DORADO	AR (US)
IAP	RNAV (GPS) RWY 4			KELD	EL DORADO	AR (US)
IAP	VOR/DME RWY 4			KELD	EL DORADO	AR (US)
STAR	HOBRK (RNAV)			KMEM	MEMPHIS	TN (US)
STAR	MARVELL			KMEM	MEMPHIS	TN (US)
STAR	SASIE			KGKY	ARLINGTON	TX (US)
STAR	SASIE			KCPT	CLEBURNE	TX (US)
STAR	FINGR			KADS	DALLAS	TX (US)
STAR	SASIE			KADS	DALLAS	TX (US)
STAR	FINGR			KDAL	DALLAS	TX (US)
STAR	FINGR			KRBD	DALLAS	TX (US)
STAR	FINGR			KTKI	DALLAS	TX (US)
STAR	FINGR			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE			KLUD	DECATUR	TX (US)
STAR	SASIE			KDTO	DENTON	TX (US)
STAR	FINGR			F41	ENNIS	TX (US)
STAR	SASIE			50F	FORT WORTH	TX (US)
STAR	SASIE			KAFW	FORT WORTH	TX (US)
STAR	SASIE			KFTW	FORT WORTH	TX (US)
STAR	SASIE			KFWS	FORT WORTH	TX (US)
STAR	SASIE			KNFW	FORT WORTH	TX (US)
STAR	SASIE			KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR			KLNC	LANCASTER	TX (US)
STAR	FINGR			KHQZ	MESQUITE	TX (US)
STAR	FINGR			KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR			F46	ROCKWALL	TX (US)
STAR	SASIE			KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 19

**DATE OF REVISION:** 10/31/2024

**REASON FOR REVISION:**

- 1. FIX USE: ADDED FINGR STAR AT KDFW, F41, KTKI, KJWY, AND F46.
- 2. FIX USE: ADDED SASIE STAR AT KADS, 50F, KCPT, KLUD, AND KWEA.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A422

**NAME:** RICHARD BRUCE

**APPROVED BY:**

**DATE:** 10/31/2024

**OFFICE:** AJV-A33

**NAME:** JOHN BORDY

**SIGNATURE:**



STAR	SASIE	KAFW	FORT WORTH	TX (US)
STAR	SASIE	KFTW	FORT WORTH	TX (US)
STAR	SASIE	KFWS	FORT WORTH	TX (US)
STAR	SASIE	KNFW	FORT WORTH	TX (US)
STAR	SASIE	KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR	KLNC	LANCASTER	TX (US)
STAR	FINGR	KHQZ	MESQUITE	TX (US)
STAR	FINGR	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR	F46	ROCKWALL	TX (US)
STAR	SASIE	KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 27

**DATE OF REVISION:** 06/15/2023

**REASON FOR REVISION:**

UPDATED PAT 1 200 KT CONTROLLING OBS COORDINATES FROM 353112.00N/0941018.00W TO 353100.00N/0941021.00W.  
 PATTERN 1 MAX TEMPLATE INCREASED FROM 8 TO 12.  
 FIX USE, ADDED KFSM VOR Z OR TACAN Z RWY 26, KFSM RADAR-1, KFVY LOC RWY 16.

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

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A423                      **NAME:** PHILLIP BRANDENBURG

**APPROVED BY:**                      **DATE:** 06/15/2023                      **OFFICE:** AJV-A423                      **NAME:** ALLAN WILL

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: GAATZ STATE: OK COUNTRY: US ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 335413.61N/0955118.39W TYPE: INT, DME

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	BONHAM	BYP	VORTAC	H	034.74	040.74	29.00	29.00	5000	17500
2	PARIS	PRX	VOR/DME	L	309.87	316.87		29.72	5000	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	TEMPLATES
								MIN MAX	MIN MAX
1	NE	BYP	VORTAC	034.74	214.74	R	1-1 1/2	5000 17500	6 17

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (40-001719)	340039.00N/0955238.00W	1006	2C

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

BONHAM (FAC 1) AND PARIS (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SASIE	1, 2	1	KGKY	ARLINGTON	TX (US)
STAR	SASIE	1, 2	1	KCPT	CLEBURNE	TX (US)
STAR	FINGR	1, 2	1	KADS	DALLAS	TX (US)
STAR	SASIE	1, 2	1	KADS	DALLAS	TX (US)
STAR	FINGR	1, 2	1	KDAL	DALLAS	TX (US)
STAR	FINGR	1, 2	1	KRBD	DALLAS	TX (US)
STAR	FINGR	1, 2	1	KTKI	DALLAS	TX (US)
STAR	FINGR	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE	1, 2	1	KLUD	DECATUR	TX (US)
STAR	SASIE	1, 2	1	KDTO	DENTON	TX (US)
STAR	FINGR	1, 2	1	F41	ENNIS	TX (US)
STAR	SASIE	1, 2	1	50F	FORT WORTH	TX (US)
STAR	SASIE	1, 2	1	KAFW	FORT WORTH	TX (US)
STAR	SASIE	1, 2	1	KFTW	FORT WORTH	TX (US)
STAR	SASIE	1, 2	1	KFWS	FORT WORTH	TX (US)
STAR	SASIE	1, 2	1	KNFW	FORT WORTH	TX (US)
STAR	SASIE	1, 2	1	KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR	1, 2	1	KLNC	LANCASTER	TX (US)
STAR	FINGR	1, 2	1	KHQZ	MESQUITE	TX (US)
STAR	FINGR	1, 2	1	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR	1, 2	1	F46	ROCKWALL	TX (US)
STAR	SASIE	1, 2	1	KWEA	WEATHERFORD	TX (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 DATE OF REVISION: 12/30/2021

## REASON FOR REVISION:

REQUIRED CHARTING UPDATE: REMOVED CONTROLLER. ADDED CONTROLLER LOW.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 NAME: KWEKU DONKOR

APPROVED BY: DATE: 12/30/2021 OFFICE: AJV-A430 NAME: LONNIE EVERHART

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 335218.83N/0950615.02W TYPE: 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	BONHAM	BYP	VORTAC	H	064.19	070.19	60.00	60.00		5000	45000
2	TEXARKANA	TXK	VORTAC	H	285.85	292.85	55.89	55.89		5000	45000
3	GREGG COUNTY	GGG	VORTAC	H	341.62	348.62		88.86		8000	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BYP	VORTAC	R-064	60	5000	15200
TXK	VORTAC	R-286	56	5000	14800
GGG	VORTAC	R-342	86	8000	45000

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	BYP	VORTAC	064.19	244.19	R	1 1/2	18000 30000	18 24

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

BONHAM (FAC 1) AND GREGG COUNTY (FAC 3) USED TO ESTABLISH FIX COORDINATES.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J-66	1, 2	1			(US)
STAR	SASIE	1, 2, 3	1	KGKY	ARLINGTON	TX (US)
STAR	SASIE	1, 2, 3	1	KCPT	CLEBURNE	TX (US)
STAR	FINGR	1, 2, 3	1	KADS	DALLAS	TX (US)
STAR	SASIE	1, 2, 3	1	KADS	DALLAS	TX (US)
STAR	FINGR	1, 2, 3	1	KDAL	DALLAS	TX (US)
STAR	FINGR	1, 2, 3	1	KRBD	DALLAS	TX (US)
STAR	FINGR	1, 2, 3	1	KTKI	DALLAS	TX (US)
STAR	FINGR	1, 2, 3	1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR	1, 2, 3	1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE	1, 2, 3	1	KLUD	DECATUR	TX (US)
STAR	SASIE	1, 2, 3	1	KDTO	DENTON	TX (US)
STAR	FINGR	1, 2, 3	1	F41	ENNIS	TX (US)
STAR	SASIE	1, 2, 3	1	50F	FORT WORTH	TX (US)
STAR	SASIE	1, 2, 3	1	KAFW	FORT WORTH	TX (US)
STAR	SASIE	1, 2, 3	1	KFTW	FORT WORTH	TX (US)
STAR	SASIE	1, 2, 3	1	KFW5	FORT WORTH	TX (US)
STAR	SASIE	1, 2, 3	1	KNFW	FORT WORTH	TX (US)
STAR	SASIE	1, 2, 3	1	KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR	1, 2, 3	1	KLNC	LANCASTER	TX (US)
STAR	FINGR	1, 2, 3	1	KHQZ	MESQUITE	TX (US)
STAR	FINGR	1, 2, 3	1	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR	1, 2, 3	1	F46	ROCKWALL	TX (US)
STAR	SASIE	1, 2, 3	1	KWEA	WEATHERFORD	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 09/10/2020

**REASON FOR REVISION:**

REMOVED REMARK: BONHAM (FAC 1) AND QUITMAN (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
 ADDED REMARK: BONHAM (FAC 1) AND GREGG COUNTY (FAC 3) USED TO ESTABLISH FIX COORDINATES.  
 REMOVED QIM VOR/DME FROM J66 FIX USE.  
 REMOVED ESV FOR QIM VOR/DME R-004.  
 REMOVED REMARK: AFTER FUTURE DECOMMISSIONING OF UIM, GGG WILL BE REQUIRED FOR DIVERGENCE ANGLE.  
 REMOVED REMARK "PRECIPITOUS TERRAIN EVALUATION COMPLETED".

INITIATED BY: DATE: ORGANIZATION: NAME:  
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A412 NAME: VICTOR BOONE  
 APPROVED BY: DATE: OFFICE: AJV-A412 NAME: JULIE MORGAN

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC  
FPO: CEN  
ARTCC: ZFW  
ATC FACILITY:  
OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: GREGG COUNTY VORTAC STATE: TX COUNTRY: US ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 322503.92N/0944511.50W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

### FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC	MRA	MAA
								NM FEET		
1	GREGG COUNTY	GGG	VORTAC	VL						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	TEMPLATES
									MIN MAX	MIN MAX
1	SE	GGG	VORTAC	113.53	293.53	R	1		3000 17500	4 16
2	E	GGG	VORTAC	084.32	264.32	L	1		4000 17500	4 16

### CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-013591)	322238.00N/0943419.00W	834	4D
2	200	TOWER (48-007663)	322137.00N/0944847.00W	994	5D

REASON FOR NONSTANDARD HOLDING:  
PAT 2 ATC REQUEST.

HOLDING RESTRICTIONS:  
HOLDING LIMITED TO ESTABLISHED PATTERNS.

### REMARKS:

PAT 1 NOT CHARTED PER ATC REQUEST (FOR NON-RADAR USE).  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAGVAR: 7E/1965.

### FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DALLAS			KGKY	ARLINGTON	TX (US)
DP	GARLAND			KGKY	ARLINGTON	TX (US)
DP	GARLAND			KCPT	CLEBURNE	TX (US)
DP	DALLAS			KADS	DALLAS	TX (US)
DP	GARLAND			KADS	DALLAS	TX (US)
DP	BACHMAN			KDAL	DALLAS	TX (US)
DP	DALLAS			KDAL	DALLAS	TX (US)
DP	GARLAND			KDAL	DALLAS	TX (US)
DP	DALLAS			KRBD	DALLAS	TX (US)
DP	GARLAND			KRBD	DALLAS	TX (US)
DP	DALLAS			KTKI	DALLAS	TX (US)
DP	GARLAND			KTKI	DALLAS	TX (US)
DP	DALLAS			KDFW	DALLAS-FORT WORTH	TX (US)
DP	GARLAND			KDFW	DALLAS-FORT WORTH	TX (US)
DP	GARLAND			KLUD	DECATUR	TX (US)
DP	DALLAS			KDTO	DENTON	TX (US)
DP	GARLAND			KDTO	DENTON	TX (US)
DP	GARLAND			F41	ENNIS	TX (US)
DP	GARLAND			50F	FORT WORTH	TX (US)
DP	DALLAS			KAFW	FORT WORTH	TX (US)
DP	GARLAND			KAFW	FORT WORTH	TX (US)
DP	DALLAS			KFTW	FORT WORTH	TX (US)
DP	GARLAND			KFTW	FORT WORTH	TX (US)
DP	DALLAS			KFWS	FORT WORTH	TX (US)
DP	GARLAND			KFWS	FORT WORTH	TX (US)
DP	DALLAS			KNFW	FORT WORTH	TX (US)
DP	GARLAND			KNFW	FORT WORTH	TX (US)
DP	DALLAS			KGPM	GRAND PRAIRIE	TX (US)
DP	GARLAND			KGPM	GRAND PRAIRIE	TX (US)
DP	DALLAS			KLNC	LANCASTER	TX (US)
DP	GARLAND			KLNC	LANCASTER	TX (US)
DP	DALLAS			KHQZ	MESQUITE	TX (US)
DP	GARLAND			KHQZ	MESQUITE	TX (US)
DP	GARLAND			KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
DP	GARLAND			F46	ROCKWALL	TX (US)
DP	GARLAND			KWEA	WEATHERFORD	TX (US)
EN ROUTE	V114					(US)
EN ROUTE	V289					(US)
EN ROUTE	V566					(US)
EN ROUTE	V94					(US)
IAP	RNAV (GPS) RWY 35			4F2	CARTHAGE	TX (US)
IAP	NDB RWY 17			F17	CENTER	TX (US)
IAP	RNAV (GPS) RWY 36			KJXI	GILMER	TX (US)
IAP	RNAV (GPS) RWY 17			KRFI	HENDERSON	TX (US)



IAP	VOR/DME-A		KRFI	HENDERSON	TX (US)
IAP	NDB RWY 13 (PRIVATE)		4TE0	LONE STAR	TX (US)
IAP	ILS OR LOC RWY 13		KGGG	LONGVIEW	TX (US)
IAP	RNAV (GPS) RWY 13		KGGG	LONGVIEW	TX (US)
IAP	RNAV (GPS) RWY 18		KGGG	LONGVIEW	TX (US)
IAP	RNAV (GPS) RWY 31		KGGG	LONGVIEW	TX (US)
IAP	RNAV (GPS) RWY 36		KGGG	LONGVIEW	TX (US)
IAP	VOR-A		KGGG	LONGVIEW	TX (US)
IAP	VOR/DME OR TACAN RWY 13		KGGG	LONGVIEW	TX (US)
IAP	VOR/DME OR TACAN RWY 31		KGGG	LONGVIEW	TX (US)
IAP	VOR/DME-A		KASL	MARSHALL	TX (US)
IAP	RNAV (GPS) RWY 31		KTYR	TYLER	TX (US)
IAP	VOR RWY 31		KTYR	TYLER	TX (US)
IAP	VOR RWY 4		KTYR	TYLER	TX (US)
STAR	DODJE	2	KGKY	ARLINGTON	TX (US)
STAR	SASIE		KGKY	ARLINGTON	TX (US)
STAR	SASIE		KCPT	CLEBURNE	TX (US)
STAR	FINGR		KADS	DALLAS	TX (US)
STAR	SASIE		KADS	DALLAS	TX (US)
STAR	YEAGR	2	KADS	DALLAS	TX (US)
STAR	FINGR		KDAL	DALLAS	TX (US)
STAR	YEAGR	2	KDAL	DALLAS	TX (US)
STAR	DODJE	2	KRBD	DALLAS	TX (US)
STAR	FINGR		KRBD	DALLAS	TX (US)
STAR	YEAGR	2	KTKI	DALLAS	TX (US)
STAR	CEDAR CREEK	2	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	FINGR		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	YEAGR	2	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	DODJE	2	KLUD	DECATUR	TX (US)
STAR	SASIE		KLUD	DECATUR	TX (US)
STAR	DODJE	2	KDTO	DENTON	TX (US)
STAR	SASIE		KDTO	DENTON	TX (US)
STAR	FINGR		F41	ENNIS	TX (US)
STAR	SASIE		50F	FORT WORTH	TX (US)
STAR	DODJE	2	KAFW	FORT WORTH	TX (US)
STAR	SASIE		KAFW	FORT WORTH	TX (US)
STAR	DODJE	2	KFTW	FORT WORTH	TX (US)
STAR	SASIE		KFTW	FORT WORTH	TX (US)
STAR	DODJE	2	KFWS	FORT WORTH	TX (US)
STAR	SASIE		KFWS	FORT WORTH	TX (US)
STAR	DODJE	2	KNFW	FORT WORTH	TX (US)
STAR	SASIE		KNFW	FORT WORTH	TX (US)
STAR	DODJE	2	KGPM	GRAND PRAIRIE	TX (US)
STAR	SASIE		KGPM	GRAND PRAIRIE	TX (US)
STAR	DODJE	2	KLNC	LANCASTER	TX (US)
STAR	FINGR		KLNC	LANCASTER	TX (US)
STAR	FINGR		KTKI	MC KINNEY	TX (US)
STAR	FINGR		KHQZ	MESQUITE	TX (US)
STAR	YEAGR	2	KHQZ	MESQUITE	TX (US)
STAR	DODJE	2	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR		F46	ROCKWALL	TX (US)
STAR	YEAGR	2	F46	ROCKWALL	TX (US)
STAR	SASIE		KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 25

**DATE OF REVISION:** 10/05/2023

**REASON FOR REVISION:**

1. DELETED AIRSPACE DOCKET 18-ASW-13.
2. FIX MAKE-UP FACILITIES, CHANGED FAC 1 GGG VORTAC CLASS FROM H TO VL.
3. REMARKS, CHANGED ASSIGNED FACILITY MAGVAR FROM 2 DEGREES EAST TO 7E/1965.
4. FIX USE, ADDED STAR SASIE AT KGKY, KCPT, KADS, KLUD, KDTO, 50F, KAFW, KFTW, KFWS, KNFW, KGPM, AND KWEA.

06/27/23: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 06/21/23.  
CHANGED DATE OF REVISION FROM "11/30/23" TO "10/05/23".

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

**NAME:** MICHAEL MCCARTNEY

**APPROVED BY:**

**DATE:** 10/05/2023

**OFFICE:** AJV-A431

**NAME:** ERIC N SUSKI

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: KOMMA STATE: OK COUNTRY: US ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 350052.67N/0944039.39W TYPE: 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	LITTLE ROCK	LIT	VORTAC	H	276.34	276.34	125.22	125.22		18000	45000
2	FORT SMITH	FSM	VORTAC	L	214.84	221.84	30.00	30.00		18000	45000
3	RICH MOUNTAIN	PGO	VORTAC	VL	346.41	350.41		20.30		18000	45000

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FSM	VORTAC	R-215	30	18000	45000
PGO	VORTAC	R-346	21	18000	45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE		WP	037.00	217.00	R	15	24000	45000	21	30

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

LITTLE ROCK (FAC 1) AND FORT SMITH (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
 CHART HOLDING PAT 1 ON EN ROUTE HIGH.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 HOLDING: 15 DME LEGS AT ATC REQUEST.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J6-14	1, 2, 3	1			(US)
STAR	SASIE	2, 3		KGKY	ARLINGTON	TX (US)
STAR	SASIE	2, 3		KCPT	CLEBURNE	TX (US)
STAR	FINGR	2, 3		KADS	DALLAS	TX (US)
STAR	SASIE	2, 3		KADS	DALLAS	TX (US)
STAR	FINGR	2, 3		KDAL	DALLAS	TX (US)
STAR	FINGR	2, 3		KRBD	DALLAS	TX (US)
STAR	FINGR	2, 3		KTKI	DALLAS	TX (US)
STAR	BRDJE (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	FINGR	2, 3		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SEEVR (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR	2, 3		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE	2, 3		KLUD	DECATUR	TX (US)
STAR	SASIE	2, 3		KDTO	DENTON	TX (US)
STAR	FINGR	2, 3		F41	ENNIS	TX (US)
STAR	SASIE	2, 3		50F	FORT WORTH	TX (US)
STAR	SASIE	2, 3		KAFW	FORT WORTH	TX (US)
STAR	SASIE	2, 3		KFTW	FORT WORTH	TX (US)
STAR	SASIE	2, 3		KFWS	FORT WORTH	TX (US)
STAR	SASIE	2, 3		KNFW	FORT WORTH	TX (US)
STAR	SASIE	2, 3		KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR	2, 3		KLNC	LANCASTER	TX (US)
STAR	FINGR	2, 3		KHQZ	MESQUITE	TX (US)
STAR	FINGR	2, 3		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR	2, 3		F46	ROCKWALL	TX (US)
STAR	SASIE	2, 3		KWEA	WEATHERFORD	TX (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 DATE OF REVISION: 10/31/2024

**REASON FOR REVISION:**

- FIX MAKE-UP FACILITIES, FAC 1: UPDATED MAG/TRUE BEARINGS FROM 275.01/280.01 TO 276.34/276.34.
- FIX MAKE-UP FACILITIES, FAC 1: UPDATED DME/DIST FROM FAC FROM 124.95/124.95 TO 125.22/125.22.
- REQUIRED CHARTING: CHANGED "CONTROLLER" TO "CONTROLLER HIGH".

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 NAME: RICHARD BRUCE

**APPROVED BY:**

**DATE:** 10/31/2024

**OFFICE:** AJV-A33

**NAME:** JOHN BORDY

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: MAMEE

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 342856.40N/0951450.16W

TYPE: 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	BONHAM	BYP	VORTAC	H	034.74	040.74	75.00	75.00		18000	45000
2	TULSA	TUL	VORTAC	H	157.35	165.35	106.05	106.05		18000	45000
3	TEXARKANA	TXK	VORTAC	H	308.05	315.05		82.43		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

BONHAM (FAC 1) AND TEXARKANA (FAC 3) USED TO ESTABLISH FIX COORDINATES.  
TXK REQUIRED FOR VHF FIX MAKEUP

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SASIE	1, 2, 3		KGKY	ARLINGTON	TX (US)
STAR	SASIE	1, 2, 3		KCPT	CLEBURNE	TX (US)
STAR	FINGR	1, 2, 3		KADS	DALLAS	TX (US)
STAR	SASIE	1, 2, 3		KADS	DALLAS	TX (US)
STAR	FINGR	1, 2, 3		KDAL	DALLAS	TX (US)
STAR	FINGR	1, 2, 3		KRBD	DALLAS	TX (US)
STAR	FINGR	1, 2, 3		KTKI	DALLAS	TX (US)
STAR	FINGR	1, 2, 3		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR	1, 2, 3		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE	1, 2, 3		KLUD	DECATUR	TX (US)
STAR	SASIE	1, 2, 3		KDTO	DENTON	TX (US)
STAR	FINGR	1, 2, 3		F41	ENNIS	TX (US)
STAR	SASIE	1, 2, 3		50F	FORT WORTH	TX (US)
STAR	SASIE	1, 2, 3		KAFW	FORT WORTH	TX (US)
STAR	SASIE	1, 2, 3		KFTW	FORT WORTH	TX (US)
STAR	SASIE	1, 2, 3		KFWS	FORT WORTH	TX (US)
STAR	SASIE	1, 2, 3		KNFW	FORT WORTH	TX (US)
STAR	SASIE	1, 2, 3		KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR	1, 2, 3		KLNC	LANCASTER	TX (US)
STAR	FINGR	1, 2, 3		KHQZ	MESQUITE	TX (US)
STAR	FINGR	1, 2, 3		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR	1, 2, 3		F46	ROCKWALL	TX (US)
STAR	SASIE	1, 2, 3		KWEA	WEATHERFORD	TX (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/05/2019

## REASON FOR REVISION:

REMOVED MLC AND ADDED TXK TO FIX MAKE-UP.  
UPDATED REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: DAN POWELL

APPROVED BY:

DATE: 10/24/2019

OFFICE: AVJ-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZFW  
ATC FACILITY:  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** MONTE **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

**LATITUDE/LONGITUDE:** 333224.69N/0955342.50W **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	BONHAM	BYP	VORTAC	H	083.36	089.36	17.00	17.00		2400	17500
2	COWBOY	CVE	VOR/DME	H	046.26	052.26	63.98	63.98		5000	17500
3	PARIS	PRX	VOR/DME	L	262.79	269.79		22.41		2400	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CVE	VOR/DME	R-046	64	5000	15000

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

**REMARKS:**

BONHAM (FAC 1) USED TO ESTABLISH FIX COORDINATES.  
CHART ON SECTIONAL - ATC REQUEST.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T370					(US)
EN ROUTE	V124	1				(US)
EN ROUTE	V16	1				(US)
EN ROUTE	V278	1				(US)
IAP	RNAV (GPS) RWY 19			KSLR	SULPHUR SPRINGS	TX (US)
STAR	SASIE	1, 3		KGKY	ARLINGTON	TX (US)
STAR	SASIE	1, 3		KCPT	CLEBURNE	TX (US)
STAR	FINGR	1, 2, 3		KADS	DALLAS	TX (US)
STAR	SASIE	1, 3		KADS	DALLAS	TX (US)
STAR	FINGR	1, 2, 3		KDAL	DALLAS	TX (US)
STAR	FINGR	1, 2, 3		KRBD	DALLAS	TX (US)
STAR	FINGR	1, 2, 3		KTKI	DALLAS	TX (US)
STAR	FINGR	1, 2, 3		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR	1, 3		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE	1, 3		KLUD	DECATUR	TX (US)
STAR	SASIE	1, 3		KDTO	DENTON	TX (US)
STAR	FINGR	1, 2, 3		F41	ENNIS	TX (US)
STAR	SASIE	1, 3		50F	FORT WORTH	TX (US)
STAR	SASIE	1, 3		KAFW	FORT WORTH	TX (US)
STAR	SASIE	1, 3		KFTW	FORT WORTH	TX (US)
STAR	SASIE	1, 3		KFWS	FORT WORTH	TX (US)
STAR	SASIE	1, 3		KNFW	FORT WORTH	TX (US)
STAR	SASIE	1, 3		KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR	1, 2, 3		KLNC	LANCASTER	TX (US)
STAR	FINGR	1, 2, 3		KHQZ	MESQUITE	TX (US)
STAR	FINGR	1, 2, 3		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR	1, 2, 3		F46	ROCKWALL	TX (US)
STAR	SASIE	1, 3		KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 7 **DATE OF REVISION:** 12/29/2022

**REASON FOR REVISION:**

1. REMOVED AIRSPACE DOCKET #21-ASW-7.
2. REMOVED FAC 2 SLR VOR/DME FROM FIX MAKE-UP FACILITIES AND FROM FIX USE.
3. UPDATED REMARKS FROM "BONHAM (FAC 1) AND SULPHUR SPRINGS (FAC 2) USED TO ESTABLISH FIX COORDINATES" TO "BONHAM (FAC 1) USED TO ESTABLISH FIX COORDINATES".

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A432 **NAME:** SILVIA YOUNG

**APPROVED BY:** **DATE:** 12/29/2022 **OFFICE:** AJV-A430 **NAME:** CASIMIR TABAKA

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 333232.56N/0952653.85W 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	PARIS	PRX	VOR/DME	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	E	PRX	VOR/DME	084.04	264.04	R	1	2000 17500	4 16
2	S	PRX	VOR/DME	169.74	349.74	R	1	2300 6000	4 5

### CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-014391)	333455.00N/0952335.00W	834	5D
2	200	TOWER (48-014391)	333455.00N/0952335.00W	834	5D

### HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

### REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAG VAR: E07/1975.

### FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GARLAND			KGKY	ARLINGTON	TX (US)
DP	GARLAND			KCPT	CLEBURNE	TX (US)
DP	GARLAND			KADS	DALLAS	TX (US)
DP	GARLAND			KDAL	DALLAS	TX (US)
DP	GARLAND			KRBD	DALLAS	TX (US)
DP	GARLAND			KTKI	DALLAS	TX (US)
DP	GARLAND			KDFW	DALLAS-FORT WORTH	TX (US)
DP	GARLAND			KLUD	DECATUR	TX (US)
DP	GARLAND			KDTO	DENTON	TX (US)
DP	GARLAND			F41	ENNIS	TX (US)
DP	GARLAND			50F	FORT WORTH	TX (US)
DP	GARLAND			KAFW	FORT WORTH	TX (US)
DP	GARLAND			KFTW	FORT WORTH	TX (US)
DP	GARLAND			KFWS	FORT WORTH	TX (US)
DP	GARLAND			KNFW	FORT WORTH	TX (US)
DP	GARLAND			KGPM	GRAND PRAIRIE	TX (US)
DP	GARLAND			KLNC	LANCASTER	TX (US)
DP	GARLAND			KHQZ	MESQUITE	TX (US)
DP	GARLAND			KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
DP	GARLAND			F46	ROCKWALL	TX (US)
DP	GARLAND			KWEA	WEATHERFORD	TX (US)
EN ROUTE	V124					(US)
EN ROUTE	V16		1			(US)
EN ROUTE	V278		1			(US)
EN ROUTE	V315					(US)
IAP	RNAV (GPS) RWY 35			80F	ANTLERS	OK (US)
IAP	RNAV (GPS) RWY 17			KHHW	HUGO	OK (US)
IAP	RNAV (GPS) RWY 35			KHHW	HUGO	OK (US)
IAP	RNAV (GPS) RWY 17			F00	BONHAM	TX (US)
IAP	RNAV (GPS) RWY 35			F00	BONHAM	TX (US)
IAP	VOR/DME RWY 17			F00	BONHAM	TX (US)
IAP	RNAV (GPS) RWY 13			F53	MOUNT VERNON	TX (US)
IAP	VOR RWY 35		2	KPRX	PARIS	TX (US)
IAP	RNAV (GPS) RWY 19			KSLR	SULPHUR SPRINGS	TX (US)
STAR	SASIE			KGKY	ARLINGTON	TX (US)
STAR	SASIE			KCPT	CLEBURNE	TX (US)
STAR	FINGR			KADS	DALLAS	TX (US)
STAR	SASIE			KADS	DALLAS	TX (US)
STAR	FINGR			KDAL	DALLAS	TX (US)
STAR	FINGR			KRBD	DALLAS	TX (US)
STAR	FINGR			KTKI	DALLAS	TX (US)
STAR	FINGR			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE			KLUD	DECATUR	TX (US)
STAR	SASIE			KDTO	DENTON	TX (US)
STAR	FINGR			F41	ENNIS	TX (US)
STAR	SASIE			50F	FORT WORTH	TX (US)
STAR	SASIE			KAFW	FORT WORTH	TX (US)
STAR	SASIE			KFTW	FORT WORTH	TX (US)

STAR	SASIE	KFWS	FORT WORTH	TX (US)
STAR	SASIE	KNFW	FORT WORTH	TX (US)
STAR	SASIE	KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR	KLNC	LANCASTER	TX (US)
STAR	FINGR	KHQZ	MESQUITE	TX (US)
STAR	FINGR	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR	F46	ROCKWALL	TX (US)
STAR	SASIE	KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 15

**DATE OF REVISION:** 10/31/2024

**REASON FOR REVISION:**

1. FIX USE: DELETED DUPLICATE ENTRY FOR FINGR STAR AT KDFW.
2. FIX USE: ADDED FINGR STAR AT KTKI.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A422

**NAME:** RICHARD BRUCE

**APPROVED BY:**

**DATE:** 10/31/2024

**OFFICE:** AJV-A33

**NAME:** JOHN BORDY

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ROBEY **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

**LATITUDE/LONGITUDE:** 334201.48N/0954120.61W **TYPE:** 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	MRA	MAA
1	BONHAM	BYP	VORTAC	VH	064.19	070.19	29.00	29.00	5000	17500

**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 MIN	MAX	TEMPLATES MIN	MAX
1	NE	BYP	VORTAC	064.19	244.19	L	4	5000	17500	6	17

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-008975)	334633.00N/0953722.00W	1179	5D

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 AT SEPARATION

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

BONHAM (FAC 1) USED TO ESTABLISH FIX COORDINATES.  
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SASIE	1	1	KGKY	ARLINGTON	TX (US)
STAR	SASIE	1	1	KCPT	CLEBURNE	TX (US)
STAR	SASIE	1	1	KADS	DALLAS	TX (US)
STAR	WILBR	1	1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE	1	1	KLUD	DECATUR	TX (US)
STAR	SASIE	1	1	KDTO	DENTON	TX (US)
STAR	SASIE	1	1	50F	FORT WORTH	TX (US)
STAR	SASIE	1	1	KAFW	FORT WORTH	TX (US)
STAR	SASIE	1	1	KFTW	FORT WORTH	TX (US)
STAR	SASIE	1	1	KFWS	FORT WORTH	TX (US)
STAR	SASIE	1	1	KNFW	FORT WORTH	TX (US)
STAR	SASIE	1	1	KGPM	GRAND PRAIRIE	TX (US)
STAR	SASIE	1	1	KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 3 **DATE OF REVISION:** 12/29/2022

**REASON FOR REVISION:**

1. REMOVED INT FROM FIX TYPE.
2. REMOVED FAC 2 SLR VOR/DME FROM FIX MAKE-UP FACILITIES AND FROM FIX USE.
3. CHANGED HOLDING TEMPLATES FOR PAT 1 FROM MIN 7/MAX 18 TO MIN 6/MAX 17.
4. CHANGED LEG LENGTH TIMING WITH LEG LENGTH DME 4 NM FOR PAT 1 PER 8260.3E, TABLE 16-13-4.
5. UPDATED REMARKS FROM "BONHAM (FAC 1) AND SULPHUR SPRINGS (FAC 2) USED TO ESTABLISH FIX COORDINATES" TO "BONHAM (FAC 1) USED TO ESTABLISH FIX COORDINATES".
6. UPDATED FROM "CONTROLLER" TO "CONTROLLER LOW" IN REQUIRED CHARTING.

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A432 **NAME:** SILVIA YOUNG

**APPROVED BY:** **DATE:** 12/29/2022 **OFFICE:** AJV-A430 **NAME:** CASIMIR TABAKA

**SIGNATURE:**



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** SASIE **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

**LATITUDE/LONGITUDE:** 332700.61N/0963547.74W **TYPE:** WP, INT, DME

**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 FEET	MRA	MAA
1	RANGER	FUZ	VORTAC	H	035.00	041.00	44.60	44.60	5000	17500
2	BONHAM	BYP	VORTAC	H	248.06	254.06		18.93	5000	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FUZ	VORTAC	R-035	45	5000	17500

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

**REMARKS:**

RANGER (FAC 1) AND BONHAM (FAC 2) USED TO ESTABLISH FIX COORDINATES.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			KTKI	DALLAS	TX (US)
STAR	SASIE	1, 2		KGKY	ARLINGTON	TX (US)
STAR	TRUUK (RNAV)			KGKY	ARLINGTON	TX (US)
STAR	SASIE	1, 2		KCPT	CLEBURNE	TX (US)
STAR	TRUUK (RNAV)			KCPT	CLEBURNE	TX (US)
STAR	SASIE	1, 2		KADS	DALLAS	TX (US)
STAR	BONHAM	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	CAINE (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	DAWGZ (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE	1, 2		KLUD	DECATUR	TX (US)
STAR	TRUUK (RNAV)			KLUD	DECATUR	TX (US)
STAR	SASIE	1, 2		KDTO	DENTON	TX (US)
STAR	TRUUK (RNAV)			KDTO	DENTON	TX (US)
STAR	SASIE	1, 2		50F	FORT WORTH	TX (US)
STAR	TRUUK (RNAV)			50F	FORT WORTH	TX (US)
STAR	SASIE	1, 2		KAFW	FORT WORTH	TX (US)
STAR	TRUUK (RNAV)			KAFW	FORT WORTH	TX (US)
STAR	SASIE	1, 2		KFTW	FORT WORTH	TX (US)
STAR	TRUUK (RNAV)			KFTW	FORT WORTH	TX (US)
STAR	SASIE	1, 2		KFWS	FORT WORTH	TX (US)
STAR	TRUUK (RNAV)			KFWS	FORT WORTH	TX (US)
STAR	SASIE	1, 2		KNFW	FORT WORTH	TX (US)
STAR	TRUUK (RNAV)			KNFW	FORT WORTH	TX (US)
STAR	SASIE	1, 2		KGPM	GRAND PRAIRIE	TX (US)
STAR	TRUUK (RNAV)			KGPM	GRAND PRAIRIE	TX (US)
STAR	SASIE	1, 2		KWEA	WEATHERFORD	TX (US)
STAR	TRUUK (RNAV)			KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 7 **DATE OF REVISION:** 06/25/2015

**REASON FOR REVISION:**

UPDATE FIX USE: CHANGED SANGR TO TRUUK, REMOVED JONEZ.

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

**DEVELOPED BY:** **DATE:** 10/23/2014 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

**APPROVED BY:** **DATE:** 05/18/2015 **OFFICE:** AJV-353 **NAME:** GEORGE GONZALEZ

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
 FPO: CEN  
 ARTCC: ZFW  
 ATC FACILITY: REGIONAL APP CON  
 OTHER:



EN ROUTE	V278			(US)	
EN ROUTE	V289			(US)	
EN ROUTE	V54			(US)	
EN ROUTE	V573			(US)	
IAP	RNAV (GPS) RWY 8		KDEQ	DE QUEEN	AR (US)
IAP	VOR RWY 4		M18	HOPE	AR (US)
IAP	ILS OR LOC RWY 22	1	KTXK	TEXARKANA	AR (US)
IAP	RNAV (GPS) RWY 13		KTXK	TEXARKANA	AR (US)
IAP	RNAV (GPS) RWY 31		KTXK	TEXARKANA	AR (US)
IAP	VOR RWY 13	1	KTXK	TEXARKANA	AR (US)
IAP	NDB RWY 5		KATA	ATLANTA	TX (US)
STAR	HOBK (RNAV)		KMEM	MEMPHIS	TN (US)
STAR	MARVELL		KMEM	MEMPHIS	TN (US)
STAR	SASIE		KGKY	ARLINGTON	TX (US)
STAR	SASIE		KCPT	CLEBURNE	TX (US)
STAR	FINGR		KADS	DALLAS	TX (US)
STAR	SASIE		KADS	DALLAS	TX (US)
STAR	FINGR		KDAL	DALLAS	TX (US)
STAR	FINGR		KRBD	DALLAS	TX (US)
STAR	FINGR		KTKI	DALLAS	TX (US)
STAR	FINGR		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE		KLUD	DECATUR	TX (US)
STAR	SASIE		KDTO	DENTON	TX (US)
STAR	FINGR		F41	ENNIS	TX (US)
STAR	SASIE		50F	FORT WORTH	TX (US)
STAR	SASIE		KAFW	FORT WORTH	TX (US)
STAR	SASIE		KFTW	FORT WORTH	TX (US)
STAR	SASIE		KFWS	FORT WORTH	TX (US)
STAR	SASIE		KNFW	FORT WORTH	TX (US)
STAR	SASIE		KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR		KLNC	LANCASTER	TX (US)
STAR	FINGR		KHQZ	MESQUITE	TX (US)
STAR	FINGR		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR		F46	ROCKWALL	TX (US)
STAR	SASIE		KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 24

**DATE OF REVISION:** 10/31/2024

**REASON FOR REVISION:**

1. AIRSPACE DOCKET: ADDED "23-ASO-4".

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 10/31/2024

**OFFICE:** AJV-A423

**NAME:** ALLAN WILL

**SIGNATURE:**



DP	LEONA		KAXH	HOUSTON	TX (US)
DP	LEONA		KCXO	HOUSTON	TX (US)
DP	LEONA		KDWH	HOUSTON	TX (US)
DP	LEONA		KEFD	HOUSTON	TX (US)
DP	LEONA		KHOU	HOUSTON	TX (US)
DP	LEONA		KIAH	HOUSTON	TX (US)
DP	LEONA		KIWS	HOUSTON	TX (US)
DP	LEONA		KSGR	HOUSTON	TX (US)
DP	LEONA		KTME	HOUSTON	TX (US)
DP	LEONA		T41	LA PORTE	TX (US)
DP	NANDR (RNAV)		KLNC	LANCASTER	TX (US)
DP	TEXOMA		KLNC	LANCASTER	TX (US)
DP	TEXOMA		KTKI	MC KINNEY	TX (US)
DP	NANDR (RNAV)		KHQZ	MESQUITE	TX (US)
DP	TEXOMA		KHQZ	MESQUITE	TX (US)
DP	NANDR (RNAV)		F46	ROCKWALL	TX (US)
DP	NANDR (RNAV)		KWEA	WEATHERFORD	TX (US)
EN ROUTE	T422				(US)
EN ROUTE	V256				(US)
EN ROUTE	V73				(US)
EN ROUTE	V88				(US)
EN ROUTE	J25				OK (US)
EN ROUTE	J46				OK (US)
EN ROUTE	J78				OK (US)
EN ROUTE	J87				OK (US)
EN ROUTE	J98				OK (US)
EN ROUTE	V14				OK (US)
EN ROUTE	V161				OK (US)
EN ROUTE	V436				OK (US)
EN ROUTE	V74				OK (US)
IAP	VOR/DME RWY 35		KBVO	BARTLESVILLE	OK (US)
IAP	VOR/DME-B	2	KGCM	CLAREMORE	OK (US)
IAP	RNAV (GPS) RWY 36		H71	PRYOR	OK (US)
IAP	RNAV (GPS) RWY 17		KOWP	SAND SPRINGS	OK (US)
IAP	RNAV (GPS) RWY 35		KOWP	SAND SPRINGS	OK (US)
IAP	ILS OR LOC RWY 1L		KRVS	TULSA	OK (US)
IAP	VOR/DME-A		KRVS	TULSA	OK (US)
IAP	HI-VOR Z OR TACAN Z RWY 26	1	KTUL	TULSA	OK (US)
IAP	ILS OR LOC RWY 18L	2	KTUL	TULSA	OK (US)
IAP	ILS OR LOC RWY 18R		KTUL	TULSA	OK (US)
IAP	ILS OR LOC RWY 36R	2	KTUL	TULSA	OK (US)
IAP	ILS RWY 36R (CAT II)	2	KTUL	TULSA	OK (US)
IAP	ILS RWY 36R (SA CAT I)	2	KTUL	TULSA	OK (US)
IAP	RADAR-1	2	KTUL	TULSA	OK (US)
IAP	VOR Y OR TACAN Y RWY 26	1	KTUL	TULSA	OK (US)
IAP	VOR/DME RWY 8		KTUL	TULSA	OK (US)
STAR	GULLI		KCHK	CHICKASHA	OK (US)
STAR	GULLI		KRQO	EL RENO	OK (US)
STAR	GULLI		1K4	GOLDSBY	OK (US)
STAR	GULLI		KGOK	GUTHRIE	OK (US)
STAR	GULLI		KOUN	NORMAN	OK (US)
STAR	GULLI		KHSD	OKLAHOMA CITY	OK (US)
STAR	GULLI		KOKC	OKLAHOMA CITY	OK (US)
STAR	GULLI		KPWA	OKLAHOMA CITY	OK (US)
STAR	GULLI		KRCE	OKLAHOMA CITY	OK (US)
STAR	GULLI		KTIK	OKLAHOMA CITY	OK (US)
STAR	GULLI		KSNL	SHAWNEE	OK (US)
STAR	VINTA		KRVS	TULSA	OK (US)
STAR	VINTA		KTUL	TULSA	OK (US)
STAR	MOTZA		KGKY	ARLINGTON	TX (US)
STAR	SASIE		KGKY	ARLINGTON	TX (US)
STAR	MOTZA		KCPT	CLEBURNE	TX (US)
STAR	SASIE		KCPT	CLEBURNE	TX (US)
STAR	FINGR		KADS	DALLAS	TX (US)
STAR	GREGS		KADS	DALLAS	TX (US)
STAR	SASIE		KADS	DALLAS	TX (US)
STAR	FINGR		KDAL	DALLAS	TX (US)
STAR	GREGS		KDAL	DALLAS	TX (US)
STAR	FINGR		KRBD	DALLAS	TX (US)
STAR	GREGS		KRBD	DALLAS	TX (US)
STAR	FINGR		KTKI	DALLAS	TX (US)
STAR	GREGS		KTKI	DALLAS	TX (US)
STAR	BOWIE		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	FINGR		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	MOTZA		KLUD	DECATUR	TX (US)
STAR	SASIE		KLUD	DECATUR	TX (US)
STAR	GREGS		KDTO	DENTON	TX (US)
STAR	SASIE		KDTO	DENTON	TX (US)
STAR	FINGR		F41	ENNIS	TX (US)
STAR	GREGS		F41	ENNIS	TX (US)
STAR	MOTZA		50F	FORT WORTH	TX (US)
STAR	SASIE		50F	FORT WORTH	TX (US)
STAR	MOTZA		KAFW	FORT WORTH	TX (US)
STAR	SASIE		KAFW	FORT WORTH	TX (US)
STAR	MOTZA		KFTW	FORT WORTH	TX (US)
STAR	SASIE		KFTW	FORT WORTH	TX (US)
STAR	MOTZA		KFWS	FORT WORTH	TX (US)
STAR	SASIE		KFWS	FORT WORTH	TX (US)
STAR	MOTZA		KNFW	FORT WORTH	TX (US)

STAR	SASIE	KNFW	FORT WORTH	TX (US)
STAR	MOTZA	KGPM	GRAND PRAIRIE	TX (US)
STAR	SASIE	KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR	KLNC	LANCASTER	TX (US)
STAR	GREGS	KLNC	LANCASTER	TX (US)
STAR	FINGR	KHQZ	MESQUITE	TX (US)
STAR	GREGS	KHQZ	MESQUITE	TX (US)
STAR	FINGR	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	GREGS	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR	F46	ROCKWALL	TX (US)
STAR	GREGS	F46	ROCKWALL	TX (US)
STAR	MOTZA	KWEA	WEATHERFORD	TX (US)
STAR	SASIE	KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 32

**DATE OF REVISION:** 07/11/2024

**REASON FOR REVISION:**

1. DOCKET: ADDED "23-ACE-4"
2. FIX USE: REMOVED "EN ROUTE V131"

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** HENRY BRADSHAW

**APPROVED BY:**

**DATE:** 07/11/2024

**OFFICE:** AVJ-A423

**NAME:** ALLAN WILL

**SIGNATURE:**