

# 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	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	8000	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	8000	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 1/2	8000 30000	10 24

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	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 8000 DUE TO AFM3 FIELD STRNTH REQUIREMENTS OF TUL VORTAC.

## 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	KF41	ENNIS	TX (US)
STAR	SASIE	1, 2	1	K50F	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	KF46	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.

QUALITY  
13  
CHECKED

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A442	NAME: DAN POWELL
APPROVED BY:	DATE:	OFFICE: AJV-A440	NAME: PATRICK MULQUEEN
	SIGNATURE:		
DISTRIBUTION:	NFDC FPO: CEN ARTCC: ZFW ATC FACILITY: OTHER:		



# 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	FAC FEET	MRA	MAA
1	BONHAM	BYP	VORTAC	H	064.19	070.19	60.00	60.00		5000	45000
2	QUITMAN	UIM	VOR/DME	L	004.46	012.46		60.82		5000	45000
3	TEXARKANA	TXK	VORTAC	H	285.85	292.85	55.89	55.89		5000	45000
4	GREGG COUNTY	GGG	VORTAC	L	341.62	348.62		88.86		5000	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BYP	VORTAC	R-064	60	5000	15200
UIM	VOR/DME	R-004	61	5000	45000
TXK	VORTAC	R-286	56	5000	14800
GGG	VORTAC	R-342	86	5000	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 QUITMAN (FAC 2) USED TO ESTABLISH FIX COORDINATES AFTER FUTURE DECOMMISSIONING OF UIM, GGG WILL BE REQUIRED FOR DIVERGENCE ANGLE. CHART HOLDING ON ENROUTE HIGH CHART. PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J-66	1, 2, 3	1			(US)
STAR	SASIE	1, 3, 4	1	KGKY	ARLINGTON	TX (US)
STAR	SASIE	1, 3, 4	1	KCPT	CLEBURNE	TX (US)
STAR	FINGR	1, 3, 4	1	KADS	DALLAS	TX (US)
STAR	SASIE	1, 3, 4	1	KADS	DALLAS	TX (US)
STAR	FINGR	1, 3, 4	1	KDAL	DALLAS	TX (US)
STAR	FINGR	1, 3, 4	1	KRBD	DALLAS	TX (US)
STAR	FINGR	1, 3, 4	1	KTKI	DALLAS	TX (US)
STAR	FINGR	1, 3, 4	1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	WILBR	1, 3, 4	1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SASIE	1, 3, 4	1	KLUD	DECATUR	TX (US)
STAR	SASIE	1, 3, 4	1	KDTP	DENTON	TX (US)
STAR	FINGR	1, 3, 4	1	KF41	ENNIS	TX (US)
STAR	SASIE	1, 3, 4	1	K50F	FORT WORTH	TX (US)
STAR	SASIE	1, 3, 4	1	KAFW	FORT WORTH	TX (US)
STAR	SASIE	1, 3, 4	1	KFTW	FORT WORTH	TX (US)
STAR	SASIE	1, 3, 4	1	KFWF	FORT WORTH	TX (US)
STAR	SASIE	1, 3, 4	1	KNFW	FORT WORTH	TX (US)
STAR	SASIE	1, 3, 4	1	KGPM	GRAND PRAIRIE	TX (US)
STAR	FINGR	1, 3, 4	1	KLNC	LANCASTER	TX (US)
STAR	FINGR	1, 3, 4	1	KHQZ	MESQUITE	TX (US)
STAR	FINGR	1, 3, 4	1	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	FINGR	1, 3, 4	1	KF46	ROCKWALL	TX (US)
STAR	SASIE	1, 3, 4	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:**

ADDED GGG AS FAC 4 ALONG WITH ESV DETAILS.  
UPDATED FIX USE TO ADD GGG FOR ALL STARS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: DAN POWELL

QUALITY  
14  
CHECKED

**APPROVED BY:**

**DATE:**

**OFFICE:** AJV-A440

**NAME:** PATRICK MULQUEEN

**SIGNATURE:**

**DISTRIBUTION:**

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

QUALITY  
14  
CHECKED

# 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 NM	FAC 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		KF41	ENNIS	TX (US)
STAR	SASIE	1, 2, 3		K50F	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		KF46	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:

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
14  
CHECKED