



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** BOOVE **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4  
**LATITUDE/LONGITUDE:** 322257.36N/0973729.42W **TYPE:** WP

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

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOOVE (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SHMPP (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SOCKK (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	ZROBA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)

**REQUIRED CHARTING:** STAR, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 3 **DATE OF REVISION:** 07/16/2020

**REASON FOR REVISION:**  
 REMOVED INT/DME FROM FIX TYPE.  
 REMOVED BOTH FACS ALONG WITH REMARKS.  
 REMOVED GLEN ROSE STAR FROM FIX USE.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A442	<b>NAME:</b> DAN POWELL
<b>APPROVED BY:</b>	<b>DATE:</b>	<b>OFFICE:</b> AJV-A440	<b>NAME:</b> PATRICK MULQUEEN

**SIGNATURE:**

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











# RADIO FIX AND HOLDING DATA RECORD

**NAME:** GIBLT **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4  
**LATITUDE/LONGITUDE:** 322120.45N/0981827.19W **TYPE:** WP

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

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
STAR	BOOVE (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SHMPP (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	ZROBA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)

**REQUIRED CHARTING:** STAR, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 3 **DATE OF REVISION:** 03/26/2020

**REASON FOR REVISION:**  
 UPDATED FIX USE: ADDED SHMPP AND ZROBA STARS.  
 CHARTING: ADDED CONTROLLER HIGH.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A442	<b>NAME:</b> JOSEPH ZEDER
<b>APPROVED BY:</b>	<b>DATE:</b>	<b>OFFICE:</b> AJV-A440	<b>NAME:</b> PATRICK MULQUEEN

**SIGNATURE:**

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







**INFORMATION ONLY**

**OTHER:**









# RADIO FIX AND HOLDING DATA RECORD

**NAME:** PHILS **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4  
**LATITUDE/LONGITUDE:** 321124.51N/1001817.88W **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	TUSCOLA	TQA	VOR/DME	L	253.86	263.86	25.00	25.00		18000	41000
2	SAN ANGELO	SJT	VORTAC	H	358.89	008.89		49.41		18000	45000

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TQA	VOR/DME	R-254	25	18000	41000

**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	W		WP	260.00	080.00	R		10	10000	30000	15	23
2	W		WP	259.00	079.00	R		10	10000	30000	15	23
3	W		WP	261.00	081.00	R		10	10000	30000	15	23

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (48-003524)	320637.00N/1003925.00W	3109	2C
2	265	TOWER (48-003524)	320637.00N/1003925.00W	3109	2C
3	265	TOWER (48-003524)	320637.00N/1003925.00W	3109	2C

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS.

**REMARKS:**

TUSCOLA (FAC 1) AND SAN ANGELO (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 WP HOLDING PATTERNS EVALUATED FOR 10 NM LEG LENGTH AT ATC REQUEST.  
 PATTERNS 2-4 SHARE THE SAME TRUE GROUND TRACK; 084.00.  
 FIX TO REMAIN ON ENROUTE HIGH CHART.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SWVAY (RNAV)		2	KGKY	ARLINGTON	TX (US)
STAR	SWVAY (RNAV)		2	KCPT	CLEBURNE	TX (US)
STAR	SWVAY (RNAV)		2	KADS	DALLAS	TX (US)
STAR	BACHR (RNAV)		3	KDAL	DALLAS	TX (US)
STAR	DRYYE (RNAV)		3	KDAL	DALLAS	TX (US)
STAR	SWVAY (RNAV)		2	KDAL	DALLAS	TX (US)
STAR	SWVAY (RNAV)		2	KRBD	DALLAS	TX (US)
STAR	SWVAY (RNAV)		2	KTKI	DALLAS	TX (US)
STAR	BOOVE (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SOCKK (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	LIKES (RNAV)		1	KLUD	DECATUR	TX (US)
STAR	LIKES (RNAV)		1	KDTO	DENTON	TX (US)
STAR	SWVAY (RNAV)		2	F41	ENNIS	TX (US)
STAR	LIKES (RNAV)		1	50F	FORT WORTH	TX (US)
STAR	LIKES (RNAV)		1	KAFW	FORT WORTH	TX (US)
STAR	LIKES (RNAV)		1	KFTW	FORT WORTH	TX (US)
STAR	SWVAY (RNAV)		2	KFW5	FORT WORTH	TX (US)
STAR	LIKES (RNAV)		1	KNFV	FORT WORTH	TX (US)
STAR	SWVAY (RNAV)		2	KGPM	GRAND PRAIRIE	TX (US)
STAR	SWVAY (RNAV)		2	KLNC	LANCASTER	TX (US)
STAR	SWVAY (RNAV)		2	KHQZ	MESQUITE	TX (US)
STAR	SWVAY (RNAV)		2	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	SWVAY (RNAV)		2	F46	ROCKWALL	TX (US)
STAR	LIKES (RNAV)		1	KWEA	WEATHERFORD	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 7

**DATE OF REVISION:** 07/16/2020

**REASON FOR REVISION:**

REMOVED HOLD PAT WITH CRS 073.86 INBOUND.  
 REMOVED GLEN ROSE, KNEAD, AND SLUGG STARS FROM FIX USE.  
 ADDED ENROUTE HIGH CHART REMARK.



**INFORMATION ONLY**

**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: RGNL APP CON**  
                          **OTHER:**



