

RADIO FIX AND HOLDING DATA RECORD

NAME: ABILENE VORTAC STATE: TX COUNTRY: US ICAO REGION CODE: K4
 LATITUDE/LONGITUDE: 322852.79N/0995148.43W 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 FEET	MRA	MAA
1	ABILENE	ABI	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 TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W	ABI	VORTAC	285.00	105.00	R	1	5000 8000	4 14

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-023927)	322958.55N/0995820.36W	2185	4D
1	310	TOWER (48-000492)	322448.00N/1000626.00W	3547	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	LOC RWY 17R	KABI	ABILENE	TX (US)
1	ILS OR LOC RWY 35R	KABI	ABILENE	TX (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR 10E (1965).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KINGDOM			KGKY	ARLINGTON	TX (US)
DP	WORTH			KGKY	ARLINGTON	TX (US)
DP	ELOEL (RNAV)			KAUS	AUSTIN	TX (US)
DP	ELOEL (RNAV)			KEDC	AUSTIN	TX (US)
DP	ELOEL (RNAV)			KHYI	AUSTIN	TX (US)
DP	KINGDOM			KCPT	CLEBURNE	TX (US)
DP	KINGDOM			KADS	DALLAS	TX (US)
DP	WORTH			KADS	DALLAS	TX (US)
DP	COYOTE			KDAL	DALLAS	TX (US)
DP	KINGDOM			KDAL	DALLAS	TX (US)
DP	LOVE			KDAL	DALLAS	TX (US)
DP	WORTH			KDAL	DALLAS	TX (US)
DP	KINGDOM			KRBD	DALLAS	TX (US)
DP	WORTH			KRBD	DALLAS	TX (US)
DP	KINGDOM			KTKI	DALLAS	TX (US)
DP	WORTH			KTKI	DALLAS	TX (US)
DP	COYOTE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	KINGDOM			KDFW	DALLAS-FORT WORTH	TX (US)
DP	WORTH			KDFW	DALLAS-FORT WORTH	TX (US)
DP	KINGDOM			KLUD	DECATUR	TX (US)
DP	KINGDOM			KDTO	DENTON	TX (US)
DP	WORTH			KDTO	DENTON	TX (US)
DP	KINGDOM			F41	ENNIS	TX (US)
DP	KINGDOM			50F	FORT WORTH	TX (US)
DP	KINGDOM			KAFW	FORT WORTH	TX (US)
DP	WORTH			KAFW	FORT WORTH	TX (US)
DP	KINGDOM			KFTW	FORT WORTH	TX (US)
DP	WORTH			KFTW	FORT WORTH	TX (US)
DP	KINGDOM			KFWS	FORT WORTH	TX (US)
DP	WORTH			KFWS	FORT WORTH	TX (US)
DP	KINGDOM			KNFW	FORT WORTH	TX (US)
DP	WORTH			KNFW	FORT WORTH	TX (US)
DP	ELOEL (RNAV)			KGTU	GEORGETOWN	TX (US)
DP	KINGDOM			KGPM	GRAND PRAIRIE	TX (US)
DP	WORTH			KGPM	GRAND PRAIRIE	TX (US)
DP	ELOEL (RNAV)			KRYW	LAGO VISTA	TX (US)
DP	ELOEL (RNAV)			3R9	LAKEWAY	TX (US)
DP	KINGDOM			KLNC	LANCASTER	TX (US)
DP	WORTH			KLNC	LANCASTER	TX (US)
DP	KINGDOM			KHQZ	MESQUITE	TX (US)
DP	WORTH			KHQZ	MESQUITE	TX (US)
DP	KINGDOM			KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
DP	KINGDOM			F46	ROCKWALL	TX (US)
DP	ELOEL (RNAV)			T74	TAYLOR	TX (US)

QUALITY
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CHECKED

DP	KINGDOM		KWEA	WEATHERFORD	TX (US)
EN ROUTE	J17				(US)
EN ROUTE	J4				(US)
EN ROUTE	J42				(US)
EN ROUTE	J50				(US)
EN ROUTE	J65				(US)
EN ROUTE	J66				(US)
EN ROUTE	V16				(US)
EN ROUTE	V385				(US)
EN ROUTE	V62				(US)
EN ROUTE	V66				(US)
EN ROUTE	V77				(US)
IAP	ILS OR LOC RWY 35R	1	KABI	ABILENE	TX (US)
IAP	LOC RWY 17R	1	KABI	ABILENE	TX (US)
IAP	RNAV (GPS) RWY 17L		KABI	ABILENE	TX (US)
IAP	RNAV (GPS) RWY 35R		KABI	ABILENE	TX (US)
IAP	VOR OR GPS-A	1	KABI	ABILENE	TX (US)
IAP	VOR RWY 17		KBWD	BROWNWOOD	TX (US)
IAP	RNAV (GPS) RWY 17		KSWW	SWEETWATER	TX (US)
IAP	RNAV (GPS) RWY 22		KSWW	SWEETWATER	TX (US)
STAR	MOTZA		KGKY	ARLINGTON	TX (US)
STAR	MOTZA		KCPT	CLEBURNE	TX (US)
STAR	GREGS		KADS	DALLAS	TX (US)
STAR	GREGS		KDAL	DALLAS	TX (US)
STAR	GREGS		KRBD	DALLAS	TX (US)
STAR	GREGS		KTKI	DALLAS	TX (US)
STAR	BOWIE		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	MOTZA		KLUD	DECATUR	TX (US)
STAR	GREGS		KDTO	DENTON	TX (US)
STAR	GREGS		F41	ENNIS	TX (US)
STAR	MOTZA		50F	FORT WORTH	TX (US)
STAR	MOTZA		KAFW	FORT WORTH	TX (US)
STAR	MOTZA		KFTW	FORT WORTH	TX (US)
STAR	MOTZA		KFWS	FORT WORTH	TX (US)
STAR	MOTZA		KNFW	FORT WORTH	TX (US)
STAR	MOTZA		KGPM	GRAND PRAIRIE	TX (US)
STAR	GREGS		KLNC	LANCASTER	TX (US)
STAR	GREGS		KHQZ	MESQUITE	TX (US)
STAR	GREGS		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	GREGS		F46	ROCKWALL	TX (US)
STAR	STONEWALL		KSAT	SAN ANTONIO	TX (US)
STAR	STONEWALL		KSKF	SAN ANTONIO	TX (US)
STAR	STONEWALL		KSSF	SAN ANTONIO	TX (US)
STAR	STONEWALL		KRND	UNIVERSAL CITY	TX (US)
STAR	MOTZA		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: 22

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. FIX USE: ADDED "IAP VOR RWY 17 KBWD BROWNWOOD TX (US)".
2. FIX USE: REMOVED "IAP LOC RWY 17 KBWD BROWNWOOD TX (US)".
3. FIX USE: REMOVED "DP AUSTIN KAUS AUSTIN TX (US)".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: MATTHEW TOWNSEND

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Sep 13, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: BROWNWOOD VOR/DME STATE: TX COUNTRY: US ICAO REGION CODE: K4
 LATITUDE/LONGITUDE: 315333.30N/0985726.86W 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	FEET	MRA	MAA
1	BROWNWOOD	BWD	VOR/DME	VL							17500

HOLDING: HOLDING TYPE OF ACTION: MODIFY

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	N	BWD	VOR/DME	350.72	170.72	R	1		3200	6000	4	12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	315521.00N/0985324.00W	1972	4B
1	310	TOWER (48-031526)	315723.80N/0985223.10W	2328	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 35	KBWD	BROWNWOOD	TX (US)
1	VOR RWY 17	KBWD	BROWNWOOD	TX (US)

REMARKS:

HOLDING AREA: HOLDING AT OR ABOVE 7000' WILL BE IN THE BROWNWOOD MOA'S.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAG VAR: 8E/1980.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KINGDOM			KGKY	ARLINGTON	TX (US)
DP	KINGDOM			KCPT	CLEBURNE	TX (US)
DP	KINGDOM			KADS	DALLAS	TX (US)
DP	KINGDOM			KDAL	DALLAS	TX (US)
DP	KINGDOM			KRBD	DALLAS	TX (US)
DP	KINGDOM			KTKI	DALLAS	TX (US)
DP	KINGDOM			KDFW	DALLAS-FORT WORTH	TX (US)
DP	KINGDOM			KLUD	DECATUR	TX (US)
DP	KINGDOM			KDTO	DENTON	TX (US)
DP	KINGDOM			F41	ENNIS	TX (US)
DP	KINGDOM			50F	FORT WORTH	TX (US)
DP	KINGDOM			KAFW	FORT WORTH	TX (US)
DP	KINGDOM			KFTW	FORT WORTH	TX (US)
DP	KINGDOM			KFWS	FORT WORTH	TX (US)
DP	KINGDOM			KNFW	FORT WORTH	TX (US)
DP	KINGDOM			KGPM	GRAND PRAIRIE	TX (US)
DP	KINGDOM			KLNC	LANCASTER	TX (US)
DP	KINGDOM			KHQZ	MESQUITE	TX (US)
DP	KINGDOM			KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
DP	KINGDOM			F46	ROCKWALL	TX (US)
DP	ALAMO			KSAT	SAN ANTONIO	TX (US)
DP	ALAMO			KSSF	SAN ANTONIO	TX (US)
IAP	LOC RWY 17			KBWD	BROWNWOOD	TX (US)
IAP	VOR RWY 17		1	KBWD	BROWNWOOD	TX (US)
IAP	VOR RWY 35		1	KBWD	BROWNWOOD	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

- FIX MAKE-UP FACILITIES: CLASS UPDATED FROM "L" TO "VL".
- PATTERNS: UPDATED PAT 1 TEMPLATE MAX FROM "5" TO "12" AND RAD/CRS/BRG FROM "351.00" TO "350.72" AND CRS INBOUND FROM "171.00" TO "170.72".
- PATTERNS: UPDATED PAT 1 HOLDING MIN FROM "3600" TO "3200".
- CONTROLLING OBSTRUCTIONS: UPDATED FROM "200 AAO 315524.00N/0985324.00W" TO "200 AAO 315521.00N/0985324.00W".
- CONTROLLING OBSTRUCTIONS: ADDED 310 CIH OBSTRUCTION "200 TOWER (48-031526) 315723.80N/0985223.10W".
- PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED "PAT 1 KBWD VOR RWY 17" AND "PAT 1 KBWD VOR RWY 35".
- FIX USE: ADDED IAP "KBWD VOR RWY 17".

QUALITY
34
CHECKED

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A433	NAME: MATTHEW TOWNSEND
APPROVED BY:	DATE: 09/05/2024	OFFICE: AJV-A433	NAME: ROBERT HAMILTON
	SIGNATURE:		

Digitally signed by
ROBERT G HAMILTON
Sep 13, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: ELISE

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 320334.62N/0985730.47W

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	TUSCOLA	TQA	VOR/DME	L	093.33	103.33	44.98	44.98	4000	17500
2	BROWNWOOD	BWD	VOR/DME	VL	351.71	359.71	10.00	10.00	4000	17500
3	BROWNWOOD	I-BWD	LOC		355.36	359.36		16.48	4000	10000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TQA	VOR/DME	R-093	45	4000	17500
I-BWD	LOC	R-355	17	5800	10000

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

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	N	I-BWD	LOC	355.36	175.36	R	1	4000 10000	5 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	320242.00N/0985506.00W	2136	4B

REMARKS:

TUSCOLA (FAC 1) AND BROWNWOOD (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 17	1, 2, 3	1	KBWD	BROWNWOOD	TX (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. LATITUDE/LONGITUDE: MOVED EAST 754 FT FROM "320334.54N/0985739.23W" TO "320334.62N/0985730.47W".
2. FIX MAKE-UP FACILITIES: UPDATED FAC 1 MAG/TRUE BEARING FROM "093.37/103.37" TO "093.33/103.33" AND MRA/MAA FROM "3600/6000" TO "4000/17500" AND DME/DIST FROM FAC FROM "44.86/44.86" TO "44.98/44.98".
3. FIX MAKE-UP FACILITIES: UPDATED FAC 2 MAG/TRUE BEARING FROM "351.00/359.00" TO "351.71/359.71" AND MRA/MAA FROM "3600/6000" TO "4000/17500" AND CLASS FROM "L" TO "VL".
4. FIX MAKE-UP FACILITIES: ADDED "FAC 3 BROWNWOOD I-BWD LOC".
5. EXPANDED SERVICE VOLUME (ESV): ADDED "BROWNWOOD (I-BWD)" AND ALL ASSOCIATED DATA.
6. EXPANDED SERVICE VOLUME (ESV): UPDATED TQA MIN ALT FROM "3100" TO "4000" AND MAX ALT FROM "6000" TO "17500".
7. HOLDING PATTERNS: ADDED "PAT 1" AND ALL ASSOCIATED DATA FOR THAT PATTERN.
8. CONTROLLING OBSTRUCTIONS: ADDED TO PAT 1 "200 AAO 320242.00N/0985506.00W".
9. FIX USE: ADDED "PAT 1" TO LOC RWY 17.
10. REQUIRED CHARTING: UPDATED FROM "CONTROLLER" TO "CONTROLLER LOW".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: MATTHEW TOWNSEND

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Sep 13, 2024

QUALITY
34
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KIMRR

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 321907.74N/0985736.11W

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	TUSCOLA	TQA	VOR/DME	L	073.26	083.26		43.86	4000	17500
2	BROWNWOOD	BWD	VOR/DME	VL	351.71	359.71	25.52	25.52	4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TQA	VOR/DME	R-073	44	4000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

TUSCOLA (FAC 1) AND BROWNWOOD (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 17	1, 2		KBWD	BROWNWOOD	TX (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. LATITUDE/LONGITUDE: MOVED EAST 0.32NM FROM "321907.64N/0985758.46W" TO "321907.74N/0985736.11W".
2. FIX MAKE-UP FACILITIES: UPDATED FAC 1 MAG/TRUE BEARING FROM "73.22/83.22" TO "73.26/83.26" AND MRA FROM "3600" TO "4000" AND ASSOCIATED ESV MINS ALTITUDES FROM "3600" TO "4000" AND MAX ALTITUDE FROM "7500" TO "17500".
3. FIX MAKE-UP FACILITIES: UPDATED FAC 2 CLASS FROM "L" TO "VL" AND MRA FROM "3600" TO "4000" AND MAG BRG/TRUE BRG FROM "351.00/359.00" TO "351.71/359.71".
4. REQUIRED CHARTING: UPDATED "CONTROLLER" TO "CONTROLLER LOW".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: MATTHEW TOWNSEND

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Sep 13, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: MACED

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 315433.40N/0985723.35W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	BROWNWOOD	BWD	VOR/DME	VL	354.85	002.85	1.00	1.00	3400	17500
2	BROWNWOOD	I-BWD	LOC		355.36	359.36		7.48	3400	5800

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 17	1, 2		KBWD	BROWNWOOD	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: MATTHEW TOWNSEND

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Sep 13, 2024

QUALITY
34
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OWNEY OM

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 315148.29N/0985721.19W

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	FEET	MRA	MAA
1	OWNEY	BW	OM								17500
2	BROWNWOOD	BWD	VOR/DME	VL	169.37	177.37	1.75	1.75		2600	17500
3	BROWNWOOD	I-BWD	LOC		355.36	359.36		4.73		2600	5800

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

OWNEY (FAC 1) AND BROWNWOOD (FAC 2) AND BROWNWOOD (FAC 3) USED TO ESTABLISH FIX COORDINATES. COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE OWNEY OM. ACTUAL FACILITY LOCATION IS 315148.10N/0985717.03W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 17	1, 2, 3		KBWD	BROWNWOOD	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: FAC 2 UPDATED MAA FROM "3600" TO "17500" AND FAC 3 FROM "3600" TO "5800" AND CLASS FROM "L" TO "VL".
2. FIX MAKE-UP FACILITIES: FAC 2 MAG/TRUE BEARING FROM "169.35/177.35" TO "169.37/177.37".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: MATTHEW TOWNSEND

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Sep 13, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: PENFY

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 315012.96N/0985719.94W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	BROWNWOOD	BWD	VOR/DME	VL	170.31	178.31	3.33	3.33	2000	17500
2	BROWNWOOD	I-BWD	LOC		355.36	359.36		3.14	2000	5800

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 17	1, 2		KBWD	BROWNWOOD	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: MATTHEW TOWNSEND

APPROVED BY:

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QUALITY
34
CHECKED