

RADIO FIX AND HOLDING DATA RECORD

NAME: BORGER VORTAC STATE: TX COUNTRY: US ICAO REGION CODE: K4
 LATITUDE/LONGITUDE: 354825.46N/1012255.75W 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 NM	MRA FEET	MAA
1	BORGER	BGD	VORTAC	L						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	N	BGD	VORTAC	355.00	175.00	R	1	5000 6000	5 5
2	N	BGD	VORTAC	353.00	173.00	R	1	5000 6000	5 5
3	S	BGD	VORTAC	175.00	355.00	R	1	5000 6000	5 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-010899)	355044.97N/1012653.45W	3807	2C
2	200	TOWER (48-010899)	355044.97N/1012653.45W	3807	2C
3	200	TOWER (48-003996)	355036.00N/1012647.00W	3620	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 MAGVAR = E11/1965.
 FIX USE AIRPORT ID KBPC = MESA VISTA RANCH, PAMPA, TX = KTX13.
 THE FOLLOWING ESVS ON FILE SUPPORT THIS LOW VORTAC THAT IS USED FOR JET ROUTES ON THE HIGH ENROUTE CHART:
 RAD DIST MIN/ALT MAX/ALT
 R-084 102 180 450
 R-247 93 180 450
 R-257 92 180 450

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J142					(US)
EN ROUTE	J8					(US)
EN ROUTE	V272					(US)
EN ROUTE	V304					(US)
EN ROUTE	V390					(US)
IAP	NDB RWY 18			KGUY	GUYMON	OK (US)
IAP	RNAV (GPS) RWY 36			KGUY	GUYMON	OK (US)
IAP	ILS OR LOC RWY 04			KAMA	AMARILLO	TX (US)
IAP	LDA/DME RWY 22			KAMA	AMARILLO	TX (US)
IAP	VOR RWY 17		1	KBGD	BORGER	TX (US)
IAP	VOR/DME RWY 35		2	KBGD	BORGER	TX (US)
IAP	RNAV (GPS) RWY 04			KHHF	CANADIAN	TX (US)
IAP	RNAV (GPS) RWY 01			KDUX	DUMAS	TX (US)
IAP	RNAV (GPS) RWY 19			KDUX	DUMAS	TX (US)
IAP	RNAV (GPS) RWY 2			KE19	GRUVER	TX (US)
IAP	RNAV (GPS) RWY 01 (SPECIAL)			KBPC	PAMPA	TX (US)
IAP	RNAV (GPS) RWY 19 (SPECIAL)			KBPC	PAMPA	TX (US)
IAP	RNAV (GPS) RWY 17			KPPA	PAMPA	TX (US)
IAP	VOR/DME - A		1	KPPA	PAMPA	TX (US)
IAP	RNAV (GPS) RWY 17			KT45	PANHANDLE	TX (US)
IAP	VOR-A			KT45	PANHANDLE	TX (US)
IAP	VOR/DME RWY 02		3	KE42	SPEARMAN	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			KF41	ENNIS	TX (US)
STAR	MOTZA			K50F	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)

QUALITY
13
CHECKED

STAR
STARGREGS
MOTZAKF46
KWEAROCKWALL
WEATHERFORDTX (US)
TX (US)**REQUIRED CHARTING:** STAR, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH, SPECIAL IAP**COMPULSORY REPORTING POINT:** NO**RECORD REVISION NUMBER:** 15**DATE OF REVISION:** 04/27/2017**REASON FOR REVISION:**

1. CHANGED THE RADIAL & DIST OF THE FIRST JET ROUTE ESV LISTED IN REMARKS FROM "R-117 96" TO "R-084 102".
2. RENAMED THE KAMA "ILS RWY 4" TO "ILS OR LOC RWY 4" IN FIX USE.
3. ADDED REMARK CONCERNING THE AIRPORT ID KBPC LISTED IN FIX USE.
4. ADDED MAGVAR IN REMARKS SECTION IAW 8260.19G PARA 8-5-2.I(2).
5. DELETED KPPA NDB RWY 17 FROM FIX USE, WHICH IS BEING CANCELLED ALONG WITH THE PAMPA (PPA) NDB ON 4/27/2017.

DEVELOPED BY: **DATE:** 02/02/2016**OFFICE:** AJV-5431**NAME:** MARK CIARLONE**APPROVED BY:** **DATE:****OFFICE:** AJV-5430**NAME:** PATRICK MULQUEEN**SIGNATURE:****DISTRIBUTION:**NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: AMA APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BRISC

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 353516.87N/1003128.81W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 14-ASW-13

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	BORGER	BGD	VORTAC	L	096.14	107.14	43.91	43.91		5000	17500
2	MITBEE	MMB	VORTAC	H	204.93	214.93	55.10	55.10		5500	17500
3	PANHANDLE	PNH	VORTAC	H	061.50	069.50	61.35	61.35		7000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BGD	VORTAC	R-096	44	5000	17500
MMB	VORTAC	R-205	56	5500	17500
PNH	VORTAC	R-062	62	7000	17500

FIX RESTRICTIONS:

MCA V402-440 7000 SOUTHWEST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BORGER (FAC 1) AND MITBEE (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V272	1, 2, 3				(US)
EN ROUTE	V402	1, 2, 3				(US)
EN ROUTE	V440	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 17			KPPA	PAMPA	TX (US)
IAP	RNAV (GPS)-A			KT59	WHEELER	TX (US)
IAP	RNAV (GPS)-B			KT59	WHEELER	TX (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

1. ADDED DOCKET NO. 14-ASW-13.
2. NEW LAT-LONG: FIX MOVED 1585.17 FT NE.
3. ALL FIX MAKE-UP FACILITY BEARINGS AND DISTANCES UPDATED ACCORDINGLY.
4. FAC1 PANHANDLE (PNH) MOVED TO FAC3 IN FIX MAKE-UP FACILITIES.
5. FAC3 BORGER (BGD) MOVED TO FAC1 IN FIX MAKE-UP FACILITIES.
6. DECREASED THE MRA FOR BORGER (BGD) VORTAC FROM 5500 TO 5000 IN FIX MAKE-UP FACILITIES.
7. UPDATED ALL ESV MAX ALTITUDES TO 17500.
8. UPDATED BGD VORTAC ESV MIN ALTITUDE FROM 4700 TO 5000.
9. UPDATED MMB VORTAC ESV MIN ALTITUDE FROM 4700 TO 5500.
10. ADDED AFFECTED AIRWAYS (V402-440) TO EXISTING MCA FIX RESTRICTION.
11. DELETED REMARK CONCERNING WHY THE FIX WAS NOT MOVED ON A PREVIOUS AMDT.
12. ADDED MITBEE (MMB) VORTAC TO FIX COORDINATE DETERMINATION REMARK.
13. CHANGED KT59 RNAV (GPS) RWY 17 TO RNAV (GPS)-A IN FIX USE.
14. CHANGED KT59 RNAV (GPS) RWY 35 TO RNAV (GPS)-B IN FIX USE.
15. RENAMED KPAA IAP "GPS RWY 17" TO "RNAV (GPS) RWY 17" IN FIX USE.

DEVELOPED BY:

DATE: 01/26/2016

OFFICE: AJV-5431

NAME: MARK CIARLONE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BROKE

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 354152.57N/1005704.53W

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 NM	FAC FEET	MRA	MAA
1	PANHANDLE	PNH	VORTAC	H	044.67	052.67	45.96	45.96		5500	17500
2	BORGER	BGD	VORTAC	L	096.13	107.13	22.04	22.04		5000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PNH	VORTAC	R-045	46	5500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PANHANDLE (FAC 1) AND BORGER (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V12-280	1, 2				(US)
EN ROUTE	V272	1, 2				(US)
IAP	RNAV (GPS) RWY 17			KBGD	BORGER	TX (US)
IAP	RNAV (GPS) RWY 35			KBGD	BORGER	TX (US)
IAP	RNAV (GPS) RWY 17			KT45	PANHANDLE	TX (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

1. NEW LAT-LONG: FIX MOVED 847.75 FT NE DUE TO FLT CHK RESULTS.
2. ADDED WP TO FIX TYPE.
3. FIX MAKE-UP FACILITY BEARINGS & DISTANCES UPDATED ACCORDINGLY.
4. FAC2 MRA INCREASED FROM 4800 TO 5000 IN FIX MAKE-UP FACILITIES SECTION.
5. ADDED FIX COORDINATE DETERMINATION REMARK.

DEVELOPED BY:

DATE: 01/04/2017

OFFICE: AJV-5431

NAME: MARK CIARLONE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: AMA APP CON
OTHER:

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BURNS FLAT VORTAC STATE: OK COUNTRY: US ICAO REGION CODE: K4
 LATITUDE/LONGITUDE: 351413.00N/0991222.20W 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	BURNS FLAT	BFV	VORTAC	L						17500

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	S	BFV	VORTAC	177.55	357.55	L	1-1 1/2	3200 17500	4 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	351800.00N/0991548.00W	2087	4E
1	265	AAO	352021.00N/0991609.00W	2117	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HOBART	1		KLTS	ALTUS	OK (US)
EN ROUTE	V140					(US)
EN ROUTE	V272					(US)
EN ROUTE	V440					(US)
IAP	RNAV (GPS) RWY 35			KCLK	CLINTON	OK (US)
IAP	HI-VOR OR TACAN RWY 17R			KCSM	CLINTON	OK (US)
IAP	ILS OR LOC RWY 17R		1	KCSM	CLINTON	OK (US)
IAP	VOR RWY 35L		1	KCSM	CLINTON	OK (US)
IAP	RNAV (GPS) RWY 17			KELK	ELK CITY	OK (US)
IAP	RNAV (GPS) RWY 35			KELK	ELK CITY	OK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 04/27/2017

REASON FOR REVISION:

CHANGED FACILITY MAG VAR FROM 8E TO 5E.
 HOLDING: CRS CHANGED FROM 354.55 TO 357.55
 CONTROLLING OBSTRUCTIONS: AAO CHANGED FROM 2123 MSL TO 2087, ADDED 265 KT AAO.
 UPDATED FIX USE.
 ADDED MILITARY DP TO REQUIRED CHARTING.

DEVELOPED BY: DATE: 03/22/2016 OFFICE: AJV-5422 NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: GEORGE GONZALEZ

SIGNATURE:

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

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LIONS

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 351901.68N/0981109.44W

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	FAC FEET	MRA	MAA
1	WILL ROGERS	IRW	VORTAC	H	258.15	265.15	28.42	28.42		4500	17500
2	KINGFISHER	IFI	VORTAC	H	188.00	197.00		30.57		4500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

WILL ROGERS (FAC 1) AND KINGFISHER (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V272	1, 2				OK (US)
IAP	RNAV (GPS) RWY 35			KCLK	CLINTON	OK (US)
IAP	RNAV (GPS) RWY 35			KOJA	WEATHERFORD	OK (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

1. RELOCATED FIX 2.58NM (15653.22') SOUTH. ATC REQUESTED TO RETAIN FIX NAME FOR CONTINUITY.
2. CHANGED FIX MAKE-UP FACILITY IRW VORTAC MAG/TRUE BRG FROM 263.12/270.12 TO 258.15/265.15, DME/DIST FROM FAC NM FROM 27.55 TO 28.42, AND MRA FROM 3300 TO 4500.
3. CHANGED FIX MAKE-UP FACILITY IFI VORTAC DME/DIST FROM FAC NM FROM 27.99 TO 30.57, AND MRA FROM 3300 TO 4500.

DEVELOPED BY:

DATE: 02/02/2016

OFFICE: AJV-5422

NAME: STEVE NELSON

APPROVED BY:

DATE: 07/21/2016

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OVOKE STATE: TX COUNTRY: US ICAO REGION CODE: K4
LATITUDE/LONGITUDE: 354304.90N/1010148.25W TYPE: WP, 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	BORGER	BGD	VORTAC	L	096.43	107.43	18.00	18.00		4800	17500

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BORGER (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US) TX (US)
EN ROUTE IAP	V272 VOR/DME RWY 35	1		KBGD	BORGER	

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

1. FIX MOVED 561.46FT N DUE TO FLT CHK RECOMMENDATIONS.
2. ADDED WP TO FIX TYPE.
3. REFORMATTED FIX USE.
4. ADDED FAC1 TO V272'S FIX USE.
5. ADDED FAC1 DIST FROM NM (18.00 NM) IN FIX MAKE-UP FACILITIES SECTION.
6. ADDED FIX COORDINATE DETERMINATION REMARK.

DEVELOPED BY: DATE: 01/29/2016 OFFICE: AJV-5431 NAME: MARK CIARLONE
APPROVED BY: DATE: OFFICE: AJV-5430 NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: AMA APP CON
OTHER:

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OVSAW

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 354527.83N/101111.21W

TYPE: WP, 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	BORGER	BGD	VORTAC	L	096.43	107.43	10.00	10.00		4800	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BORGER (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US) TX (US)
EN ROUTE IAP	V272 VOR RWY 17	1		KBGD	BORGER	

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

1. FIX MOVED 312.25FT N DUE TO FLT CHK RECOMMENDATIONS.
2. ADDED WP TO FIX TYPE.
3. ADDED FIX COORDINATE DETERMINATION REMARK.
4. RE-FORMATTED FIX USE SECTION.
5. ADDED FAC1 TO V272'S FIX USE.
6. ADDED FAC1 DIST FROM NM IN FIX MAKE-UP FACILITIES SECTION.

DEVELOPED BY:

DATE: 01/29/2016

OFFICE: AJV-5431

NAME: MARK CIARLONE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: AMA APP CON
OTHER:

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WILL ROGERS VORTAC STATE: OK COUNTRY: US ICAO REGION CODE: K4
 LATITUDE/LONGITUDE: 352130.95N/0973633.22W TYPE:
 AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:		IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC	MRA	MAA
FAC	NAME							NM FEET		
1	WILL ROGERS	IRW	VORTAC	H						45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:		IDENT	TYPE	RAD/CRS/BRG	CRS	TURN	LEG LENGTH	HOLDING ALTITUDES	TEMPLATES
PAT	DIR				INBOUND	(L OR R)	TIME DME	MIN MAX	MIN MAX
1	SE	IRW	VORTAC	119.84	299.84	R	1	3000 6000	4 5

CONTROLLING OBSTRUCTIONS:			COORDINATES	ELEVATION	ACCURACY CODE
PAT	AIRSPEED	OBSTRUCTION			
1	200	TOWER (40-000794)	352210.08N/0972739.86W	1953	4D

HOLDING RESTRICTIONS:
 HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 MAGVAR = E07/1990.

FIX USE:	USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP		BENTON			KVBT	BENTONVILLE	AR (US)
DP		RAZORBACK			KFYV	FAYETTEVILLE	AR (US)
DP		HIGHFILL			KXNA	FAYETTEVILLE/SPRINGDALE/ROGERS	AR (US)
DP		ROGERS			KROG	ROGERS	AR (US)
DP		SPRING			KASG	SPRINGDALE	AR (US)
DP		TULSA			KRVS	TULSA	OK (US)
DP		TULSA			KTUL	TULSA	OK (US)
DP		TEXOMA			KGKY	ARLINGTON	TX (US)
DP		TEXOMA			KADS	DALLAS	TX (US)
DP		ESNYE (RNAV)			KDAL	DALLAS	TX (US)
DP		KRUMM			KDAL	DALLAS	TX (US)
DP		SWTSR (RNAV)			KDAL	DALLAS	TX (US)
DP		TEXOMA			KDAL	DALLAS	TX (US)
DP		TEXOMA			KRBD	DALLAS	TX (US)
DP		BLECO (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP		JACKY			KDFW	DALLAS-FORT WORTH	TX (US)
DP		TEXOMA			KDFW	DALLAS-FORT WORTH	TX (US)
DP		TEXOMA			KDTO	DENTON	TX (US)
DP		TEXOMA			KAFW	FORT WORTH	TX (US)
DP		TEXOMA			KFTW	FORT WORTH	TX (US)
DP		TEXOMA			KFWS	FORT WORTH	TX (US)
DP		TEXOMA			KNFW	FORT WORTH	TX (US)
DP		TEXOMA			KGPM	GRAND PRAIRIE	TX (US)
DP		TEXOMA			KLNC	LANCASTER	TX (US)
DP		TEXOMA			KTKI	MC KINNEY	TX (US)
DP		TEXOMA			KHQZ	MESQUITE	TX (US)
EN ROUTE		J14					(US)
EN ROUTE		J20					(US)
EN ROUTE		J21					(US)
EN ROUTE		J23					(US)
EN ROUTE		J6					(US)
EN ROUTE		J74					(US)
EN ROUTE		J78					(US)
EN ROUTE		J98					(US)
EN ROUTE		V14					(US)
EN ROUTE		V17					(US)
EN ROUTE		V210					(US)
EN ROUTE		V272					(US)
EN ROUTE		V354					(US)
EN ROUTE		V436					(US)
EN ROUTE		V440					(US)
EN ROUTE		V507					(US)
EN ROUTE		V573					(US)
EN ROUTE		V77					(US)
IAP		VOR/DME-A			KCHK	CHICKASHA	OK (US)
IAP		RNAV (GPS) RWY 17			KRQO	EL RENO	OK (US)
IAP		RNAV (GPS) RWY 35			KRQO	EL RENO	OK (US)
IAP		VOR/DME RWY 35			KRQO	EL RENO	OK (US)
IAP		ILS OR LOC RWY 35			KWDG	ENID	OK (US)
IAP		VOR RWY 17			KWDG	ENID	OK (US)
IAP		VOR RWY 35			KWDG	ENID	OK (US)

QUALITY
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 CHECKED

IAP	VOR/DME RWY 31	K1K4	GOLDSBY	OK (US)
IAP	ILS OR LOC RWY 18	KOUN	NORMAN	OK (US)
IAP	LOC RWY 03	KOUN	NORMAN	OK (US)
IAP	VOR RWY 17	KHSD	OKLAHOMA CITY	OK (US)
IAP	ILS OR LOC RWY 17L	KOKC	OKLAHOMA CITY	OK (US)
IAP	ILS OR LOC RWY 17R	KOKC	OKLAHOMA CITY	OK (US)
IAP	ILS OR LOC/DME RWY 35L	KOKC	OKLAHOMA CITY	OK (US)
IAP	ILS OR LOC/DME RWY 35R	KOKC	OKLAHOMA CITY	OK (US)
IAP	ILS RWY 35R (CAT II)	KOKC	OKLAHOMA CITY	OK (US)
IAP	ILS RWY 35R (SA CAT I)	KOKC	OKLAHOMA CITY	OK (US)
IAP	RNAV (GPS) Y RWY 35L	KOKC	OKLAHOMA CITY	OK (US)
IAP	RNAV (GPS) Y RWY 35R	KOKC	OKLAHOMA CITY	OK (US)
IAP	VOR RWY 17L	KOKC	OKLAHOMA CITY	OK (US)
IAP	ILS OR LOC RWY 17L	KPWA	OKLAHOMA CITY	OK (US)
IAP	ILS OR LOC RWY 35R	KPWA	OKLAHOMA CITY	OK (US)
IAP	RNAV (GPS) RWY 35L	KPWA	OKLAHOMA CITY	OK (US)
IAP	RNAV (GPS) RWY 35R	KPWA	OKLAHOMA CITY	OK (US)
IAP	VOR RWY 17L	KPWA	OKLAHOMA CITY	OK (US)
IAP	VOR RWY 35R	KPWA	OKLAHOMA CITY	OK (US)
IAP	VOR-A	KPWA	OKLAHOMA CITY	OK (US)
IAP	VOR-B	1 KRCE	OKLAHOMA CITY	OK (US)
IAP	ILS OR LOC RWY 17	KSNL	SHAWNEE	OK (US)
STAR	GULLI	KCHK	CHICKASHA	OK (US)
STAR	GULLI	KRQO	EL RENO	OK (US)
STAR	GULLI	K1K4	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	MOTZA	KGKY	ARLINGTON	TX (US)
STAR	MOTZA	KCPT	CLEBURNE	TX (US)
STAR	FINGR	KADS	DALLAS	TX (US)
STAR	GREGS	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	MOTZA	KLUD	DECATUR	TX (US)
STAR	GREGS	KDTO	DENTON	TX (US)
STAR	FINGR	KF41	ENNIS	TX (US)
STAR	GREGS	KF41	ENNIS	TX (US)
STAR	MOTZA	K50F	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	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	KF46	ROCKWALL	TX (US)
STAR	GREGS	KF46	ROCKWALL	TX (US)
STAR	MOTZA	KWEA	WEATHERFORD	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

1. ADDED KOKC IAP ILS RWY 35R (SA CAT I) TO FIX USE.
2. UPDATED KOKC IAP TITLE FROM "ILS OR LOC RWY 35R" TO "ILS OR LOC/DME RWY 35R" IN FIX USE.
3. DELETED KDAL STAR BOWIE FROM FIX USE.
4. DELETED KHSD IAP LOC RWY 17 FROM FIX USE.
5. ADDED MAGVAR IN REMARKS IAW 8260.19G PARA 8-5-2.1(2).

DEVELOPED BY: **DATE:** 02/04/2016

OFFICE: AJV-5431

NAME: MARK CIARLONE

APPROVED BY: **DATE:**

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:



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

QUALITY
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CHECKED