

RADIO FIX AND HOLDING DATA RECORD

NAME: HISLA

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 353251.03N/0983316.11W

TYPE: WP, DME

AIRSPACE DOCKET: 21-ACE-2

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	277.00	284.00	47.70	47.70		4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
IRW	VORTAC	R-277	48	4000	15800

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T422					(US)
EN ROUTE	V507	1				(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/08/2022

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 21-ASW-11 TO 21-ACE-2.
ESV: CHANGED IRW VORTAC MIN/MAX ALTITUDE FROM 3600/17500 TO 4000/15800.
FIX USE: REMOVED V210.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 09/08/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ROLLS

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 354321.88N/0992814.51W

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 FAC NM	MRA	MAA
1	WILL ROGERS	IRW	VORTAC	H	277.00	284.00	93.72	93.72	9300	45000
2	MITBEE	MMB	VORTAC	VH	141.71	151.71	42.20	42.20	4000	17500
3	ARDMORE	ADM	VORTAC	H	303.22	309.22	145.20	145.20	15000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MMB	VORTAC	R-142	43	4000	17500
ADM	VORTAC	R-303	146	15000	45000
IRW	VORTAC	R-277	94	9300	15800

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES DME MIN MAX	TEMPLATES MIN MAX
1	W		WP	269.99	089.99	R		10 7000 17000	15 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (40-000741)	353536.00N/0994003.00W	3080	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

WILL ROGERS (FAC 1) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1 10 NM LEG REQUESTED BY ATC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	NANDR (RNAV)			KGKY	ARLINGTON	TX (US)
DP	TEXOMA	1, 3		KGKY	ARLINGTON	TX (US)
DP	NANDR (RNAV)			KADS	DALLAS	TX (US)
DP	TEXOMA	1, 3		KADS	DALLAS	TX (US)
DP	ESNYE (RNAV)			KDAL	DALLAS	TX (US)
DP	KRUMM	1, 3		KDAL	DALLAS	TX (US)
DP	NANDR (RNAV)			KDAL	DALLAS	TX (US)
DP	SWTSR (RNAV)			KDAL	DALLAS	TX (US)
DP	TEXOMA	1, 3		KDAL	DALLAS	TX (US)
DP	NANDR (RNAV)			KRBD	DALLAS	TX (US)
DP	TEXOMA	1, 3		KRBD	DALLAS	TX (US)
DP	NANDR (RNAV)			KTKI	DALLAS	TX (US)
DP	TEXOMA	1, 3		KTKI	DALLAS	TX (US)
DP	JACKY			KDFW	DALLAS-FORT WORTH	TX (US)
DP	LOWGN (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	NANDR (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	TEXOMA	1, 3		KDFW	DALLAS-FORT WORTH	TX (US)
DP	NANDR (RNAV)			KDTO	DENTON	TX (US)
DP	TEXOMA	1, 3		KDTO	DENTON	TX (US)
DP	NANDR (RNAV)			KAFW	FORT WORTH	TX (US)
DP	TEXOMA	1, 3		KAFW	FORT WORTH	TX (US)
DP	NANDR (RNAV)			KFTW	FORT WORTH	TX (US)
DP	TEXOMA	1, 3		KFTW	FORT WORTH	TX (US)
DP	NANDR (RNAV)			KFWS	FORT WORTH	TX (US)
DP	TEXOMA	1, 3		KFWS	FORT WORTH	TX (US)
DP	NANDR (RNAV)			KNFW	FORT WORTH	TX (US)
DP	TEXOMA	1, 3		KNFW	FORT WORTH	TX (US)
DP	NANDR (RNAV)			KGPM	GRAND PRAIRIE	TX (US)
DP	TEXOMA	1, 3		KGPM	GRAND PRAIRIE	TX (US)
DP	NANDR (RNAV)			KLNC	LANCASTER	TX (US)
DP	TEXOMA	1, 3		KLNC	LANCASTER	TX (US)
DP	NANDR (RNAV)			KHQZ	MESQUITE	TX (US)
DP	TEXOMA	1, 3		KHQZ	MESQUITE	TX (US)
EN ROUTE	J20	1, 3				(US)
EN ROUTE	V210	1, 2				(US)
EN ROUTE	V507	1, 2				(US)
IAP	RNAV (GPS) RWY 17			KCLK	CLINTON	OK (US)
IAP	RNAV (GPS) RWY 17			KELK	ELK CITY	OK (US)
IAP	RNAV (GPS) RWY 22			KHHF	CANADIAN	TX (US)
STAR	DAWKS (RNAV)			KOUN	NORMAN	OK (US)
STAR	CAMET (RNAV)		1	KOKC	OKLAHOMA CITY	OK (US)

STAR
STARDAWKS (RNAV)
DAWKS (RNAV)KPWA
KTIKOKLAHOMA CITY
OKLAHOMA CITYOK (US)
OK (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:** 09/08/2022**REASON FOR REVISION:**REMOVED LBL VORTAC FROM MAKE-UP FACILITIES, LBL EXPANDED SERVICE VOLUME AND FROM FAC IN FIX USE, LBL VOR MON.
REMOVED J52 FROM FIX USE.**INITIATED BY:****DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A432

NAME: SILVIA YOUNG**APPROVED BY:****DATE:** 09/08/2022**OFFICE:** AJV-A430**NAME:** LONNIE EVERHART**SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: WAXEY **STATE:** OK **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 353526.73N/0984636.32W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: 21-ACE-2 **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	WILL ROGERS	IRW	VORTAC	H	277.00	284.00	58.88	58.88		5000	17500
2	HOBART	HBR	VORTAC	L	007.91	017.91		45.61		4400	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
IRW	VORTAC	R-277	59	5000	15800
HBR	VORTAC	R-008	46	4400	17500

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V507	1, 2				(US)
IAP	ILS OR LOC RWY 17R			KCSM	CLINTON	OK (US)
IAP	VOR RWY 35L			KCSM	CLINTON	OK (US)
IAP	RNAV (GPS) RWY 17			KOJA	WEATHERFORD	OK (US)
IAP	RNAV (GPS) RWY 35			KOJA	WEATHERFORD	OK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16 **DATE OF REVISION:** 09/08/2022

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 21-ACE-2.
FIX USE: REMOVED V-210.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** BARRY SMITH

APPROVED BY: **DATE:** 09/08/2022 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE:

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: 21-ASW-1 **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	WILL ROGERS	IRW	VORTAC	H						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	SE	IRW	VORTAC	119.84	299.84	R	1	3000 6000	4 5
2	S	IRW	VORTAC	168.76	348.76	R	1	3000 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (40-000794)	352210.08N/0972739.86W	1953	4D
2	200	TOWER (40-001305)	351206.00N/0973526.00W	1829	5D

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/RO GERS	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	NANDR (RNAV)			KGKY	ARLINGTON	TX (US)
DP	TEXOMA			KGKY	ARLINGTON	TX (US)
DP	NANDR (RNAV)			KADS	DALLAS	TX (US)
DP	TEXOMA			KADS	DALLAS	TX (US)
DP	ESNYE (RNAV)			KDAL	DALLAS	TX (US)
DP	KRUMM			KDAL	DALLAS	TX (US)
DP	NANDR (RNAV)			KDAL	DALLAS	TX (US)
DP	SWTSR (RNAV)			KDAL	DALLAS	TX (US)
DP	TEXOMA			KDAL	DALLAS	TX (US)
DP	NANDR (RNAV)			KRBD	DALLAS	TX (US)
DP	TEXOMA			KRBD	DALLAS	TX (US)
DP	NANDR (RNAV)			KTKI	DALLAS	TX (US)
DP	TEXOMA			KTKI	DALLAS	TX (US)
DP	BLECO (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JACKY			KDFW	DALLAS-FORT WORTH	TX (US)
DP	NANDR (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	TEXOMA			KDFW	DALLAS-FORT WORTH	TX (US)
DP	NANDR (RNAV)			KDTO	DENTON	TX (US)
DP	TEXOMA			KDTO	DENTON	TX (US)
DP	NANDR (RNAV)			KAFW	FORT WORTH	TX (US)
DP	TEXOMA			KAFW	FORT WORTH	TX (US)
DP	NANDR (RNAV)			KFTW	FORT WORTH	TX (US)
DP	TEXOMA			KFTW	FORT WORTH	TX (US)
DP	NANDR (RNAV)			KFWS	FORT WORTH	TX (US)
DP	TEXOMA			KFWS	FORT WORTH	TX (US)
DP	NANDR (RNAV)			KNFW	FORT WORTH	TX (US)
DP	TEXOMA			KNFW	FORT WORTH	TX (US)
DP	NANDR (RNAV)			KGPM	GRAND PRAIRIE	TX (US)
DP	TEXOMA			KGPM	GRAND PRAIRIE	TX (US)
DP	NANDR (RNAV)			KLNC	LANCASTER	TX (US)
DP	TEXOMA			KLNC	LANCASTER	TX (US)
DP	NANDR (RNAV)			KHQZ	MESQUITE	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	T420			(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	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)
IAP	ILS OR LOC RWY 18	KOUN	NORMAN	OK (US)
IAP	LOC RWY 3	KOUN	NORMAN	OK (US)
IAP	VOR RWY 18	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 RWY 35L	KOKC	OKLAHOMA CITY	OK (US)
IAP	ILS OR LOC RWY 35R	KOKC	OKLAHOMA CITY	OK (US)
IAP	ILS RWY 17R (SA CAT I)	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	1 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	2 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	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	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	F41	ENNIS	TX (US)
STAR	GREGS	F41	ENNIS	TX (US)
STAR	MOTZA	50F	FORT WORTH	TX (US)
STAR	GREGS	KAFW	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	F46	ROCKWALL	TX (US)
STAR	GREGS	F46	ROCKWALL	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: 16

DATE OF REVISION: 07/14/2022

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 21-ASW-1.
FIX USE: ADDED T420. CHANGED KOUN LOC RWY 03 TO LOC RWY 3.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A423	NAME: BARRY SMITH
APPROVED BY:	DATE: 07/14/2022	OFFICE: AJV-A420	NAME: MARLON ROBINSON
	SIGNATURE:		