

RADIO FIX AND HOLDING DATA RECORD

NAME: BASTO STATE: TX COUNTRY: US ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 301025.05N/0971704.09W 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
USE TYPE						
STAR	WLEEE (RNAV)			KAUS	AUSTIN	TX (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

REMOVED INT AND DME FROM FIX TYPE.
REMOVED FAC 1 IDU VORTAC, FAC 2 CLL VORTAC AND FAC 3 CWK VORTAC FROM FIX MAKE-UP FACILITIES AND THEIR ASSCOIATED NOTES.
REMOVED CLL VORTAC ESV.
REMOVED STAR BITER FOR 634, KAUS, KGTU, KRYW, 3R9 AND KHYI AIRPORTS FROM FIX USE.
CHANGED FROM CONTROLLER TO CONTROLLER LOW IN REQUIRED CHARTING.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: SILVIA YOUNG
APPROVED BY:	DATE: 02/20/2025	OFFICE: AJV-A432	NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
CASIMIR L TABAKA
Nov 19, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: BITER STATE: TX COUNTRY: US ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 300645.05N/0970447.75W 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
USE TYPE						
STAR	WLEEE (RNAV)			KAUS	AUSTIN	TX (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 DATE OF REVISION: 02/20/2025

REASON FOR REVISION:
REMOVED DME FROM FIX TYPE.
REMOVED FAC 1 IDU VORTAC FROM FIX MAKE-UP FACILITIES.
REMOVED STAR BITER FOR KAUS, KEDC, KGTU, KRYW, 3R9 AND KHYI AIRPORTS FROM FIX USE.
CHANGED FROM CONTROLLER TO CONTROLLER LOW AND ADDED ENROUTE LOW TO REQUIRED CHARTING.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: SILVIA YOUNG
APPROVED BY:	DATE: 02/20/2025	OFFICE: AJV-A432	NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Nov 19, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: COLLEGE STATION VORTAC STATE: TX COUNTRY: US ICAO REGION CODE: K4
 LATITUDE/LONGITUDE: 303618.01N/0962514.45W 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	COLLEGE STATION	CLL	VORTAC	L						17500

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	CLL	VORTAC	063.00	243.00	R	1	2100 6000	4 5
2	W	CLL	VORTAC	279.00	099.00	R	1	2000 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-003334)	304116.22N/0962532.44W	1022	1A
2	200	TOWER (48-004140)	303939.66N/0962500.12W	787	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: 8E (1965).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JOE POOL			KGKY	ARLINGTON	TX (US)
DP	CENTEX			KAUS	AUSTIN	TX (US)
DP	JOE POOL			KADS	DALLAS	TX (US)
DP	CURLO (RNAV)			KDAL	DALLAS	TX (US)
DP	JOE POOL			KDAL	DALLAS	TX (US)
DP	RAMBL (RNAV)			KDAL	DALLAS	TX (US)
DP	VENUS			KDAL	DALLAS	TX (US)
DP	JOE POOL			KRBD	DALLAS	TX (US)
DP	JOE POOL			KTKI	DALLAS	TX (US)
DP	ARDIA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL			KDFW	DALLAS-FORT WORTH	TX (US)
DP	KEENE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL			KDTO	DENTON	TX (US)
DP	CONRA			KHLR	FORT HOOD (KILLEEN)	TX (US)
DP	CONRA			KGRK	FORT HOOD/KILLEEN	TX (US)
DP	JOE POOL			KAFW	FORT WORTH	TX (US)
DP	JOE POOL			KFTW	FORT WORTH	TX (US)
DP	JOE POOL			KFWS	FORT WORTH	TX (US)
DP	JOE POOL			KNFW	FORT WORTH	TX (US)
DP	JOE POOL			KGPM	GRAND PRAIRIE	TX (US)
DP	JUNCTION			KCXO	HOUSTON	TX (US)
DP	JUNCTION			KDWH	HOUSTON	TX (US)
DP	JUNCTION			KIAH	HOUSTON	TX (US)
DP	CONRA			KILE	KILLEEN	TX (US)
DP	JOE POOL			KLNC	LANCASTER	TX (US)
DP	JOE POOL			KHQZ	MESQUITE	TX (US)
EN ROUTE	Q4					(US)
EN ROUTE	T200					(US)
EN ROUTE	T254					(US)
EN ROUTE	V15					(US)
EN ROUTE	V194					(US)
EN ROUTE	V548					(US)
EN ROUTE	V565					(US)
EN ROUTE	V583					(US)
IAP	VOR/DME-A		1	KRWW	CALDWELL	TX (US)
IAP	ILS OR LOC RWY 35			KCLL	COLLEGE STATION	TX (US)
IAP	LOC BC RWY 17			KCLL	COLLEGE STATION	TX (US)
IAP	VOR OR TACAN RWY 11			KCLL	COLLEGE STATION	TX (US)
IAP	VOR RWY 29		2	KCLL	COLLEGE STATION	TX (US)
IAP	RNAV (GPS) RWY 1			51R	MADISONVILLE	TX (US)
STAR	RIICE			6R3	CLEVELAND	TX (US)
STAR	RIICE			KCXO	HOUSTON	TX (US)
STAR	RIICE			KDWH	HOUSTON	TX (US)
STAR	RIICE			KIAH	HOUSTON	TX (US)
STAR	RIICE			T78	LIBERTY	TX (US)

QUALITY
10
CHECKED

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 29

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

REMOVED STAR BITER FOR KAUS, KEDC, KGTU, KRYW, 3R9 AND KHYI AIRPORTS FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Nov 19, 2024

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ISHOV

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 300851.36N/0971150.16W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
WLEEE (RNAV)

FAC

PAT

AIRPORT IDENT
KAUS

CITY
AUSTIN

STATE
TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

REMOVED DME FROM FIX TYPE.

REMOVED FAC 1 IDU VORTAC FROM FIX MAKE-UP FACILITIES.

REMOVED STAR BITER FOR 634, KAUS, KEDC, KGTU, KRYW, 3R9 AND KHYI AIRPORTS FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Nov 19, 2024

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LUFKIN VORTAC **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4
LATITUDE/LONGITUDE: 310944.79N/0944300.60W **TYPE:** WP
AIRSPACE DOCKET: 23-ASO-4 **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	LUFKIN	LFK	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	SE	LFK	VORTAC	151.56	331.56	R	1		2000	17500	4	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-001429)	311012.55N/0944631.37W	621	4D
1	310	TOWER (48-009194)	311740.96N/0944245.23W	762	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 7	KLFK	LUFKIN	TX (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: 5E/1995.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALEXANDRIA			KL BX	ANGLETON/LAKE JACKSON	TX (US)
DP	CRIED			KL BX	ANGLETON/LAKE JACKSON	TX (US)
DP	EL DORADO			KL BX	ANGLETON/LAKE JACKSON	TX (US)
DP	LUFKIN			KL BX	ANGLETON/LAKE JACKSON	TX (US)
DP	ALEXANDRIA			KG LS	GALVESTON	TX (US)
DP	CRIED			KG LS	GALVESTON	TX (US)
DP	EL DORADO			KG LS	GALVESTON	TX (US)
DP	LUFKIN			KG LS	GALVESTON	TX (US)
DP	ALEXANDRIA			KAXH	HOUSTON	TX (US)
DP	CRIED			KAXH	HOUSTON	TX (US)
DP	EL DORADO			KAXH	HOUSTON	TX (US)
DP	LUFKIN			KAXH	HOUSTON	TX (US)
DP	ALEXANDRIA			KCXO	HOUSTON	TX (US)
DP	CRIED			KCXO	HOUSTON	TX (US)
DP	EL DORADO			KCXO	HOUSTON	TX (US)
DP	LUFKIN			KCXO	HOUSTON	TX (US)
DP	ALEXANDRIA			KDWH	HOUSTON	TX (US)
DP	CRIED			KDWH	HOUSTON	TX (US)
DP	EL DORADO			KDWH	HOUSTON	TX (US)
DP	LUFKIN			KDWH	HOUSTON	TX (US)
DP	ALEXANDRIA			KEFD	HOUSTON	TX (US)
DP	CRIED			KEFD	HOUSTON	TX (US)
DP	EL DORADO			KEFD	HOUSTON	TX (US)
DP	LUFKIN			KEFD	HOUSTON	TX (US)
DP	ALEXANDRIA			KHOU	HOUSTON	TX (US)
DP	CRIED			KHOU	HOUSTON	TX (US)
DP	EL DORADO			KHOU	HOUSTON	TX (US)
DP	LUFKIN			KHOU	HOUSTON	TX (US)
DP	ALEXANDRIA			KIAH	HOUSTON	TX (US)
DP	CRIED			KIAH	HOUSTON	TX (US)
DP	EL DORADO			KIAH	HOUSTON	TX (US)
DP	LUFKIN			KIAH	HOUSTON	TX (US)
DP	ALEXANDRIA			KIWS	HOUSTON	TX (US)
DP	CRIED			KIWS	HOUSTON	TX (US)
DP	EL DORADO			KIWS	HOUSTON	TX (US)
DP	LUFKIN			KIWS	HOUSTON	TX (US)
DP	ALEXANDRIA			KSGR	HOUSTON	TX (US)
DP	CRIED			KSGR	HOUSTON	TX (US)
DP	EL DORADO			KSGR	HOUSTON	TX (US)
DP	LUFKIN			KSGR	HOUSTON	TX (US)
DP	ALEXANDRIA			KTME	HOUSTON	TX (US)
DP	CRIED			KTME	HOUSTON	TX (US)
DP	EL DORADO			KTME	HOUSTON	TX (US)
DP	LUFKIN			KTME	HOUSTON	TX (US)
DP	ALEXANDRIA			T41	LA PORTE	TX (US)

QUALITY
 10
 CHECKED

DP	CRIED	T41	LA PORTE	TX (US)
DP	EL DORADO	T41	LA PORTE	TX (US)
DP	LUFKIN	T41	LA PORTE	TX (US)
EN ROUTE	J101			(US)
EN ROUTE	J27			(US)
EN ROUTE	J50			(US)
EN ROUTE	T483			(US)
EN ROUTE	T485			(US)
EN ROUTE	V13			(US)
EN ROUTE	V212			(US)
EN ROUTE	V289			(US)
EN ROUTE	V407			(US)
EN ROUTE	V565			(US)
EN ROUTE	V569			(US)
IAP	NDB RWY 17	F17	CENTER	TX (US)
IAP	RNAV (GPS) RWY 35	F17	CENTER	TX (US)
IAP	RNAV (GPS) RWY 2	KDKR	CROCKETT	TX (US)
IAP	RNAV (GPS) RWY 20	KDKR	CROCKETT	TX (US)
IAP	RNAV (GPS) RWY 18	KJAS	JASPER	TX (US)
IAP	ILS OR LOC RWY 7	1 KLFK	LUFKIN	TX (US)
IAP	RNAV (GPS) RWY 16	KLFK	LUFKIN	TX (US)
IAP	RNAV (GPS) RWY 25	KLFK	LUFKIN	TX (US)
IAP	RNAV (GPS) RWY 34	KLFK	LUFKIN	TX (US)
IAP	RNAV (GPS) RWY 7	KLFK	LUFKIN	TX (US)
IAP	VOR RWY 16	1 KLFK	LUFKIN	TX (US)
IAP	VOR RWY 34	1 KLFK	LUFKIN	TX (US)
IAP	ILS OR LOC RWY 36	KOCH	NACOGDOCHES	TX (US)
IAP	RNAV (GPS) RWY 18	KOCH	NACOGDOCHES	TX (US)
STAR	OHIO	T00	ANAHUAC	TX (US)
STAR	OHIO	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	OHIO	54T	BAYTOWN	TX (US)
STAR	OHIO	KHPY	BAYTOWN	TX (US)
STAR	OHIO	6R3	CLEVELAND	TX (US)
STAR	CEDAR CREEK	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	OHIO	KGLS	GALVESTON	TX (US)
STAR	OHIO	KAXH	HOUSTON	TX (US)
STAR	OHIO	KCXO	HOUSTON	TX (US)
STAR	OHIO	KDWH	HOUSTON	TX (US)
STAR	OHIO	KEFD	HOUSTON	TX (US)
STAR	HUDZY	KHOU	HOUSTON	TX (US)
STAR	OHIO	KHOU	HOUSTON	TX (US)
STAR	OHIO	KIAH	HOUSTON	TX (US)
STAR	OHIO	KIWS	HOUSTON	TX (US)
STAR	OHIO	KLJV	HOUSTON	TX (US)
STAR	OHIO	KSGR	HOUSTON	TX (US)
STAR	OHIO	KTME	HOUSTON	TX (US)
STAR	OHIO	T41	LA PORTE	TX (US)
STAR	OHIO	T78	LIBERTY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

CHANGED AIRSPACE DOCKET FROM "#23-ASW-9" TO "#23-ASO-4".

REMOVED STAR BITER FOR 634, KAUS, KEDC, KGTU, KRYW, 3R9 AND KHYI AIRPORTS FROM FIX USE.

REMOVED STAR MARCS FOR KSAT, KSKF, KSSF AND KRND AIRPORTS FROM FIX USE.

REMOVED "MILITARY IAP" FROM FIX USE.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** SILVIA YOUNG

APPROVED BY: **DATE:** 02/20/2025 **OFFICE:** AJV-A432 **NAME:** CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
CASIMIR L TABAKA
 Nov 19, 2024

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WLEEE

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 300258.15N/0965213.26W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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	E		WP	104.13	284.13	L	10	10000 17000	15 17
2	E		WP	105.13	285.13	L	10	12000 17000	15 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-005195)	300005.10N/0964920.80W	994	3C
2	230	TOWER (48-005195)	300005.10N/0964920.80W	994	3C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	WLEEE (RNAV)		2	KAUS	AUSTIN	TX (US)
STAR	POTRR (RNAV)		1	KEDC	AUSTIN	TX (US)
STAR	POTRR (RNAV)		1	KHYI	AUSTIN	TX (US)
STAR	POTRR (RNAV)		1	KGTU	GEORGETOWN	TX (US)
STAR	POTRR (RNAV)		1	KRYW	LAGO VISTA	TX (US)
STAR	POTRR (RNAV)		1	3R9	LAKEWAY	TX (US)
STAR	POTRR (RNAV)		1	T74	TAYLOR	TX (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

REMOVED INT AND DME FROM FIX TYPE.
REMOVED FAC 1 IDU VORTAC AND FAC 2 CLL VORTAC FROM FIX MAKE-UP FACILITIES AND THEIR ASSCOIATED NOTES.
REMOVED CLL VORTAC ESV.
REMOVED PAT 1 FROM HOLDING PATTERNS WITH ITS ASSOCIATED NOTES AND CONTROLLING OBSTRUCTION.
REMOVED STAR BITER FOR 634, KAUS, KGTU, KRYW, 3R9 AND KHYI AIRPORTS FROM FIX USE.
RENUMBERED HOLDING PATTERNS IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Nov 19, 2024

