

IAP	RNAV (GPS) RWY 35		F46	ROCKWALL	TX (US)
IAP	ILS OR LOC RWY 19		KACT	WACO	TX (US)
IAP	ILS OR LOC RWY 17L		KCNW	WACO	TX (US)
IAP	RNAV (GPS) RWY 17L		KCNW	WACO	TX (US)
STAR	DODJE	1	KGKY	ARLINGTON	TX (US)
STAR	YEAGR	1	KADS	DALLAS	TX (US)
STAR	YEAGR	1	KDAL	DALLAS	TX (US)
STAR	DODJE	1	KRBD	DALLAS	TX (US)
STAR	YEAGR	1	KTKI	DALLAS	TX (US)
STAR	CEDAR CREEK	1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	YEAGR	1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	DODJE	1	KLUD	DECATUR	TX (US)
STAR	DODJE	1	KDTO	DENTON	TX (US)
STAR	DODJE	1	KAFW	FORT WORTH	TX (US)
STAR	DODJE	1	KFTW	FORT WORTH	TX (US)
STAR	DODJE	1	KFWS	FORT WORTH	TX (US)
STAR	DODJE	1	KNFW	FORT WORTH	TX (US)
STAR	DODJE	1	KGPM	GRAND PRAIRIE	TX (US)
STAR	DODJE	1	KLNC	LANCASTER	TX (US)
STAR	YEAGR	1	KHQZ	MESQUITE	TX (US)
STAR	DODJE	1	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	YEAGR	1	F46	ROCKWALL	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 02/23/2023

REASON FOR REVISION:

REMOVED KHQZ ILS OR LOC 18 AND LOC/DME BC RWY 36 FROM FIX USE

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 **NAME:** DAVID TEFFETELLER

APPROVED BY: **DATE:** 02/23/2023 **OFFICE:** AJV-A430 **NAME:** JOHNNIE BAKER

SIGNATURE:

STAR	BLEWE		KEDC	AUSTIN	TX (US)
STAR	BLEWE		KHYI	AUSTIN	TX (US)
STAR	RIICE		6R3	CLEVELAND	TX (US)
STAR	RIICE		KCXO	CONROE	TX (US)
STAR	YEAGR		KADS	DALLAS	TX (US)
STAR	YEAGR		KDAL	DALLAS	TX (US)
STAR	DODJE		KRBD	DALLAS	TX (US)
STAR	YEAGR		KTKI	DALLAS	TX (US)
STAR	CEDAR CREEK		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	YEAGR		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	DODJE		KLUD	DECATUR	TX (US)
STAR	DODJE		KDTO	DENTON	TX (US)
STAR	DODJE		KAFW	FORT WORTH	TX (US)
STAR	DODJE		KFTW	FORT WORTH	TX (US)
STAR	DODJE		KFW5	FORT WORTH	TX (US)
STAR	DODJE		KNFW	FORT WORTH	TX (US)
STAR	DODJE		KGPM	GRAND PRAIRIE	TX (US)
STAR	RIICE		KDWH	HOUSTON	TX (US)
STAR	RIICE		KIAH	HOUSTON	TX (US)
STAR	BLEWE		KRYW	LAGO VISTA	TX (US)
STAR	BLEWE		3R9	LAKEWAY	TX (US)
STAR	DODJE		KLNC	LANCASTER	TX (US)
STAR	RIICE		T78	LIBERTY	TX (US)
STAR	YEAGR		KHQZ	MESQUITE	TX (US)
STAR	DODJE		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	YEAGR		F46	ROCKWALL	TX (US)
STAR	MARCS	2	KSAT	SAN ANTONIO	TX (US)
STAR	MARCS	2	KSKF	SAN ANTONIO	TX (US)
STAR	MARCS	2	KSSF	SAN ANTONIO	TX (US)
STAR	BLEWE		T74	TAYLOR	TX (US)
STAR	MARCS	2	KRND	UNIVERSAL CITY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 24

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 23-ASW-16 TO 24-ASW-4.
 HOLDING: ADDED PAT 2 AND ALL ASSOCIATED DATA.
 HOLDING RESTRICTIONS: CHANGED PATTERN TO PATTERNS.
 REMARKS: ADDED PAT 2 10 NM LEG LENGTH ATC REQUEST.
 FIX USE: REMOVED V558. REMOVED INDUSTRY DP AT ALL AFFECTED AIRPORTS - IDU VOR MON. ADDED PAT 2 TO MARCS STAR AT ALL AFFECTED AIRPORTS.

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

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

APPROVED BY: **DATE:** 02/20/2025 **OFFICE:** AJV-A423 **NAME:** ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

Information Only

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	MRA	MAA
							NM	FEET		
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	TEMPLATES
									MIN	MAX
1	NE	CLL	VORTAC	063.00	243.00	R	1		2100	6000
2	W	CLL	VORTAC	279.00	099.00	R	1		2000	6000

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)
STAR	MARCS			KSAT	SAN ANTONIO	TX (US)
STAR	MARCS			KSKF	SAN ANTONIO	TX (US)
STAR	MARCS			KSSF	SAN ANTONIO	TX (US)
STAR	MARCS			KRND	UNIVERSAL CITY	TX (US)

Information Only**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.
ADDED STAR MARCS FOR KSAT, KSKF, KSSF AND KRND AIRPORTS TO 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:**

RADIO FIX AND HOLDING DATA RECORD

NAME: GOOCH SPRINGS VORTAC **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 311107.82N/0980830.69W **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		MRA	MAA
								NM	FEET		
1	GOOCH SPRINGS	AGJ	VORTAC	H							45000

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		TEMPLATES	
									MIN	MAX	MIN	MAX
1	N	AGJ	VORTAC	014.00	194.00	R	1-1 1/2		3000	17500	4	16
2	N		WP	010.00	190.00	R		4	3000	17500	5	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	312036.00N/0980651.00W	1638	4E
1	265	AAO	310842.00N/0981500.00W	1720	4E
2	200	AAO	310942.00N/0981354.00W	1687	4B
2	265	AAO	310842.00N/0981500.00W	1720	4E
2	310	AAO	311418.00N/0981915.00W	1792	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (GPS) RWY 34	KLZZ	LAMPASAS	TX (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED
 PAT 1 AND PAT 2 EVALUATED AT 265 KIAS TO SUPPORT MILITARY OPERATIONS
 ASSIGNED FACILITY MAGVAR: 5E (2010)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	AUSTIN			KAUS	AUSTIN	TX (US)
DP	CENTEX			KAUS	AUSTIN	TX (US)
DP	LAMPS			KHLR	FORT HOOD (KILLEEN)	TX (US)
DP	CONRA			KHLR	FORT HOOD(KILLEEN)	TX (US)
DP	CONRA			KGRK	FORT HOOD/KILLEEN	TX (US)
DP	LAMPS			KGRK	FORT HOOD/KILLEEN	TX (US)
DP	CONRA			KILE	KILLEEN	TX (US)
DP	LAMPS			KILE	KILLEEN	TX (US)
DP	ALAMO			KSAT	SAN ANTONIO	TX (US)
DP	ALAMO			KSSF	SAN ANTONIO	TX (US)
EN ROUTE	V358					(US)
IAP	RNAV (GPS) RWY 19			KBMQ	BURNET	TX (US)
IAP	COPTER NDB RWY 34			KHLR	FORT HOOD (KILLEEN)	TX (US)
IAP	COPTER RNAV (GPS) RWY 34			KHLR	FORT HOOD (KILLEEN)	TX (US)
IAP	COPTER VOR RWY 32			KHLR	FORT HOOD (KILLEEN)	TX (US)
IAP	COPTER VOR RWY 33			KGRK	FORT HOOD/KILLEEN	TX (US)
IAP	ILS OR LOC RWY 33		1	KGRK	FORT HOOD/KILLEEN	TX (US)
IAP	RADAR-1		1	KGRK	FORT HOOD/KILLEEN	TX (US)
IAP	RNAV (GPS) RWY 33		2	KGRK	FORT HOOD/KILLEEN	TX (US)
IAP	VOR-A			KGRK	FORT HOOD/KILLEEN	TX (US)
IAP	RNAV (GPS) RWY 11			KGTV	GEORGETOWN	TX (US)
IAP	RNAV (GPS) RWY 36			KMNZ	HAMILTON	TX (US)
IAP	LOC RWY 1			KILE	KILLEEN	TX (US)
IAP	RNAV (GPS) RWY 1			KILE	KILLEEN	TX (US)
IAP	VOR-A			KILE	KILLEEN	TX (US)
IAP	RNAV (GPS) RWY 34		2	KLZZ	LAMPASAS	TX (US)
IAP	VOR-A		1	KLZZ	LAMPASAS	TX (US)
IAP	RNAV (GPS) RWY 17			KAQO	LLANO	TX (US)
IAP	ILS OR LOC RWY 15			KTPL	TEMPLE	TX (US)
STAR	BLEWE			KAUS	AUSTIN	TX (US)
STAR	KALLA			KAUS	AUSTIN	TX (US)
STAR	BLEWE			KHYI	AUSTIN	TX (US)
STAR	KALLA			KGTV	GEORGETOWN	TX (US)
STAR	BLEWE			3R9	LAKEWAY	TX (US)
STAR	KALLA			3R9	LAKEWAY	TX (US)
STAR	MARCS			KSAT	SAN ANTONIO	TX (US)
STAR	MARCS			KSKF	SAN ANTONIO	TX (US)
STAR	MARCS			KSSF	SAN ANTONIO	TX (US)
STAR	MARCS			KRND	UNIVERSAL CITY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. CONTROLLING OBSTRUCTIONS: ADDED PATTERN 2 "310 AAO 311418.00N/0981915.00W 1792 4B"
2. CONTROLLING OBSTRUCTIONS: UPDATED PATTERN 2 AIRPSEED 200 OBSTRUCTION FROM " 1660 AAO 312136.00N/0980736.00W 4E" TO "1687 310942.00N/0981354.00W 4B".
3. PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED "RNAV (GPS) RWY 34 KLZZ LAMPASAS TX (US)".
4. REMOVED FIX USE: STAR KALLA FROM KAUS, K3R9, AND KGTU.
5. REMOVED FIX USE: ILS OR LOC RWY 15 KGRK.
6. REMOVED FIX USE: VOR RWY 15 KGRK.
7. REMOVED FIX USE: VOR-A KLZZ.
8. REMOVED FIX USE: RNAV (GPS) RWY 15 KGRK.

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:

RADIO FIX AND HOLDING DATA RECORD

NAME: LEONA VORTAC **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 310726.46N/0955804.64W **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	MRA	MAA
							NM	FEET		
1	LEONA	LOA	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	HOLDING ALTITUDES	TEMPLATES
							DME	MIN MAX	MIN MAX
1	N	LOA	VORTAC	347.98	167.98	R	1	2000 14000	4 10
2	NE		WP	057.00	237.00	R	4	4000 14000	5 11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-005763)	311647.23N/0955903.37W	884	4D
2	200	TOWER (48-009283)	310641.00N/0955710.00W	822	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GIFFA			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	LEONA			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	JOE POOL			KGKY	ARLINGTON	TX (US)
DP	CENTEX			KAUS	AUSTIN	TX (US)
DP	JOE POOL			KADS	DALLAS	TX (US)
DP	JOE POOL			KDAL	DALLAS	TX (US)
DP	VENUS			KDAL	DALLAS	TX (US)
DP	JOE POOL			KRBD	DALLAS	TX (US)
DP	JOE POOL			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	GIFFA			KGLS	GALVESTON	TX (US)
DP	LEONA			KGLS	GALVESTON	TX (US)
DP	JOE POOL			KGPM	GRAND PRAIRIE	TX (US)
DP	GIFFA			KAXH	HOUSTON	TX (US)
DP	LEONA			KAXH	HOUSTON	TX (US)
DP	GIFFA			KCXO	HOUSTON	TX (US)
DP	LEONA			KCXO	HOUSTON	TX (US)
DP	GIFFA			KDWH	HOUSTON	TX (US)
DP	LEONA			KDWH	HOUSTON	TX (US)
DP	GIFFA			KEFD	HOUSTON	TX (US)
DP	LEONA			KEFD	HOUSTON	TX (US)
DP	GIFFA			KHOU	HOUSTON	TX (US)
DP	LEONA			KHOU	HOUSTON	TX (US)
DP	GIFFA			KIAH	HOUSTON	TX (US)
DP	LEONA			KIAH	HOUSTON	TX (US)
DP	GIFFA			KIWS	HOUSTON	TX (US)
DP	LEONA			KIWS	HOUSTON	TX (US)
DP	GIFFA			KSGR	HOUSTON	TX (US)
DP	LEONA			KSGR	HOUSTON	TX (US)
DP	GIFFA			KTME	HOUSTON	TX (US)
DP	LEONA			KTME	HOUSTON	TX (US)
DP	CONRA			KILE	KILLEEN	TX (US)
DP	GIFFA			T41	LA PORTE	TX (US)
DP	LEONA			T41	LA PORTE	TX (US)
DP	JOE POOL			KLNC	LANCASTER	TX (US)
DP	JOE POOL			KTKI	MC KINNEY	TX (US)
DP	JOE POOL			KHQZ	MESQUITE	TX (US)
EN ROUTE	V477					(US)
EN ROUTE	V571					(US)
EN ROUTE	V583					(US)
IAP	ILS OR LOC RWY 35			KCLL	COLLEGE STATION	TX (US)
IAP	LOC BC RWY 17			KCLL	COLLEGE STATION	TX (US)
IAP	VOR RWY 29			KCLL	COLLEGE STATION	TX (US)

IAP	RNAV (GPS) RWY 2			KDKR	CROCKETT	TX (US)
IAP	RNAV (GPS) RWY 20			KDKR	CROCKETT	TX (US)
IAP	VOR/DME-A			KUTS	HUNTSVILLE	TX (US)
IAP	VOR RWY 19	1	1	51R	MADISONVILLE	TX (US)
STAR	DODJE			KGKY	ARLINGTON	TX (US)
STAR	RIICE			6R3	CLEVELAND	TX (US)
STAR	YEAGR			KADS	DALLAS	TX (US)
STAR	YEAGR			KDAL	DALLAS	TX (US)
STAR	DODJE			KRBD	DALLAS	TX (US)
STAR	YEAGR			KTKI	DALLAS	TX (US)
STAR	CEDAR CREEK			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	YEAGR			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	DODJE			KLUD	DECATUR	TX (US)
STAR	DODJE			KDTO	DENTON	TX (US)
STAR	DODJE			KAFW	FORT WORTH	TX (US)
STAR	DODJE			KFTW	FORT WORTH	TX (US)
STAR	DODJE			KFWS	FORT WORTH	TX (US)
STAR	DODJE			KNFW	FORT WORTH	TX (US)
STAR	DODJE			KGPM	GRAND PRAIRIE	TX (US)
STAR	RIICE			KCXO	HOUSTON	TX (US)
STAR	RIICE			KDWH	HOUSTON	TX (US)
STAR	RIICE			KIAH	HOUSTON	TX (US)
STAR	DODJE			KLNC	LANCASTER	TX (US)
STAR	RIICE			T78	LIBERTY	TX (US)
STAR	YEAGR			KHQZ	MESQUITE	TX (US)
STAR	DODJE			KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	YEAGR			F46	ROCKWALL	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. REMOVED PAT1 AND ASSOCIATED OBSTRUCTION.
2. ADDED "HOLDING LIMITED TO ESTABLISHED PATTERNS" TO HOLDING RESTRICTIONS.
3. REMOVED "RNAV (GPS) RWY 18 AND RNAV (GPS) RWY 36 AT 51R" FROM FIX USE.
4. RENAMED VOR/DME RWY 18 AT 51R TO "VOR RWY 19 AT 51R" AND REFORMATED PAT NUMBERS IN FIX USE.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** ROBERT SWINSON

APPROVED BY: **DATE:** 12/26/2024 **OFFICE:** AJV-A432 **NAME:** CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: NAVASOTA VOR/DME **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 301718.70N/0960329.66W **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	MRA	MAA
							NM	FEET		
1	NAVASOTA	TNV	VOR/DME	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	TEMPLATES		
									MIN	MAX	MIN	MAX
1	NW	TNV	VOR/DME	297.95	117.95	R	1		2000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-010397)	301820.00N/0960141.00W	807	4D

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	CRIED			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	LEONA			KLBX	ANGLETON/LAKE JACKSON	TX (US)
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	DARTZ (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	TRI-GATE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL			KDTO	DENTON	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	CRIED			KGLS	GALVESTON	TX (US)
DP	LEONA			KGLS	GALVESTON	TX (US)
DP	JOE POOL			KGPM	GRAND PRAIRIE	TX (US)
DP	CRIED			KAXH	HOUSTON	TX (US)
DP	LEONA			KAXH	HOUSTON	TX (US)
DP	CRIED			KCXO	HOUSTON	TX (US)
DP	LEONA			KCXO	HOUSTON	TX (US)
DP	CRIED			KDWH	HOUSTON	TX (US)
DP	LEONA			KDWH	HOUSTON	TX (US)
DP	CRIED			KEFD	HOUSTON	TX (US)
DP	LEONA			KEFD	HOUSTON	TX (US)
DP	CRIED			KHOU	HOUSTON	TX (US)
DP	LEONA			KHOU	HOUSTON	TX (US)
DP	CRIED			KIAH	HOUSTON	TX (US)
DP	LEONA			KIAH	HOUSTON	TX (US)
DP	CRIED			KIWS	HOUSTON	TX (US)
DP	LEONA			KIWS	HOUSTON	TX (US)
DP	CRIED			KSGR	HOUSTON	TX (US)
DP	LEONA			KSGR	HOUSTON	TX (US)
DP	CRIED			KTME	HOUSTON	TX (US)
DP	LEONA			KTME	HOUSTON	TX (US)
DP	CRIED			T41	LA PORTE	TX (US)
DP	LEONA			T41	LA PORTE	TX (US)
DP	JOE POOL			KLNC	LANCASTER	TX (US)
DP	JOE POOL			KHQZ	MESQUITE	TX (US)
EN ROUTE	J87					(US)
EN ROUTE	V15					(US)
EN ROUTE	V212					(US)
EN ROUTE	V306					(US)
EN ROUTE	V571					(US)
EN ROUTE	V574					(US)

IAP	VOR OR TACAN RWY 11		KCLL	COLLEGE STATION	TX (US)
IAP	VOR RWY 29		KCLL	COLLEGE STATION	TX (US)
IAP	ILS OR LOC RWY 14		KCXO	HOUSTON	TX (US)
IAP	NDB RWY 14		KCXO	HOUSTON	TX (US)
IAP	LOC RWY 17R	1	KDWH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 26L		KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 26R		KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 33R		KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 8L		KIAH	HOUSTON	TX (US)
IAP	ILS OR LOC RWY 9		KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26L (CAT II & III)		KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26L (SA CAT 1)		KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26R (CAT II & III)		KIAH	HOUSTON	TX (US)
IAP	ILS RWY 26R (SA CAT 1)		KIAH	HOUSTON	TX (US)
IAP	ILS RWY 8L (CAT II & III))		KIAH	HOUSTON	TX (US)
IAP	ILS RWY 8L (SA CAT 1)		KIAH	HOUSTON	TX (US)
IAP	ILS RWY 9 (SA CAT I & II)		KIAH	HOUSTON	TX (US)
IAP	VOR-D		KIWS	HOUSTON	TX (US)
IAP	VOR-A	1	60R	NAVASOTA	TX (US)
STAR	RIICE		6R3	CLEVELAND	TX (US)
STAR	RIICE		KCXO	HOUSTON	TX (US)
STAR	RIICE		KDWH	HOUSTON	TX (US)
STAR	DUUUK		KIAH	HOUSTON	TX (US)
STAR	RIICE		KIAH	HOUSTON	TX (US)
STAR	RIICE		T78	LIBERTY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. REMOVED "INDUSTRY AT KIAH, KLBX, KGLS, KAXH, KCXO, KDWH, KEFD, KHOU, KIWS, KSGR, KTME, T41" AND "BITER AT 3R9, KAUS, KEDC, KHYI, KGTU, KRYW" FROM FIX USE - INDUSTRY DP AND BITER STAR CANCELLATION.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** ROBERT SWINSON

APPROVED BY: **DATE:** 02/20/2025 **OFFICE:** AJV-A432 **NAME:** JOSEPH ZEDER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WACO VORTAC **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 313944.03N/0971608.45W **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		MRA	MAA
								NM	FEET		
1	WACO	ACT	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 TIME	LENGTH DME	HOLDING ALTITUDES		TEMPLATES	
									MIN	MAX	MIN	MAX
1	NW	ACT	VORTAC	328.00	148.00	R	1		3000	6000	4	13
2	N		WP	018.17	198.17	R		4	2500	6000	5	6
3	N	ACT	VORTAC	005.10	185.10	R	1		4000	6000	4	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-010156)	314411.97N/0971928.01W	1065	4D
1	310	TOWER (48-008113)	314736.90N/0972719.80W	1296	4D
2	200	TOWER (48-010156)	314411.97N/0971928.01W	1065	4D
3	200	TOWER (48-010156)	314411.97N/0971928.01W	1065	4D
3	310	TOWER (48-010156)	314411.97N/0971928.01W	1065	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR/DME RWY 32	KACT	WACO	TX (US)
3	VOR RWY 17	KPWG	WACO	TX (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 9E (1965).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LEONA			KL BX	ANGLETON/LAKE JACKSON	TX (US)
DP	JOE POOL			KG KY	ARLINGTON	TX (US)
DP	CENTEX			KA US	AUSTIN	TX (US)
DP	JOE POOL			KA DS	DALLAS	TX (US)
DP	CURLO (RNAV)			KA DAL	DALLAS	TX (US)
DP	JOE POOL			KA DAL	DALLAS	TX (US)
DP	RAMBL (RNAV)			KA DAL	DALLAS	TX (US)
DP	VENUS			KA DAL	DALLAS	TX (US)
DP	JOE POOL			KR BD	DALLAS	TX (US)
DP	JOE POOL			KTK I	DALLAS	TX (US)
DP	JASPA (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	NELYN (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL			KD TO	DENTON	TX (US)
DP	LAMPS			KHLR	FORT HOOD (KILLEEN)	TX (US)
DP	LAMPS			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	LEONA			KGLS	GALVESTON	TX (US)
DP	JOE POOL			KGPM	GRAND PRAIRIE	TX (US)
DP	LEONA			KAXH	HOUSTON	TX (US)
DP	LEONA			KCXO	HOUSTON	TX (US)
DP	LEONA			KDWH	HOUSTON	TX (US)
DP	LEONA			KEFD	HOUSTON	TX (US)
DP	LEONA			KHOU	HOUSTON	TX (US)
DP	LEONA			KIAH	HOUSTON	TX (US)
DP	LEONA			KIWS	HOUSTON	TX (US)
DP	LEONA			KSGR	HOUSTON	TX (US)
DP	LEONA			KTME	HOUSTON	TX (US)
DP	LAMPS			KILE	KILLEEN	TX (US)
DP	LEONA			T41	LA PORTE	TX (US)
DP	JOE POOL			KLNC	LANCASTER	TX (US)
DP	JOE POOL			KHQZ	MESQUITE	TX (US)
DP	TAKE-OFF MINIMUMS			KPWG	WACO	TX (US)
EN ROUTE	J21					(US)
EN ROUTE	J25					(US)

EN ROUTE	J50			(US)
EN ROUTE	V15			(US)
EN ROUTE	V17			(US)
EN ROUTE	V358			(US)
EN ROUTE	V54			(US)
EN ROUTE	V548			(US)
IAP	LOC RWY 15		KCPT	CLEBURNE TX (US)
IAP	RNAV (GPS) RWY 33		KCPT	CLEBURNE TX (US)
IAP	NDB RWY 32		KCRS	CORSICANA TX (US)
IAP	ILS OR LOC RWY 36L		KFWS	FORT WORTH TX (US)
IAP	VOR/DME OR GPS-A		T15	MARLIN TX (US)
IAP	RNAV (GPS) RWY 36		KJWY	MIDLOTHIAN/WAXAHACHIE TX (US)
IAP	ILS OR LOC RWY 16		KTPL	TEMPLE TX (US)
IAP	RNAV (GPS) RWY 16		KTPL	TEMPLE TX (US)
IAP	ILS OR LOC RWY 19		KACT	WACO TX (US)
IAP	VOR RWY 14		KACT	WACO TX (US)
IAP	VOR/DME RWY 32	1	KACT	WACO TX (US)
IAP	ILS OR LOC RWY 17L	1	KCNW	WACO TX (US)
IAP	NDB RWY 35R		KCNW	WACO TX (US)
IAP	RNAV (GPS) RWY 17L		KCNW	WACO TX (US)
IAP	RNAV (GPS) RWY 35R		KCNW	WACO TX (US)
IAP	RNAV (GPS) RWY 35	2	KPWG	WACO TX (US)
IAP	VOR RWY 17	3	KPWG	WACO TX (US)
STAR	DODJE		KGKY	ARLINGTON TX (US)
STAR	BLEWE		KAUS	AUSTIN TX (US)
STAR	BLEWE		KEDC	AUSTIN TX (US)
STAR	BLEWE		KHYI	AUSTIN TX (US)
STAR	RIICE		6R3	CLEVELAND TX (US)
STAR	YEAGR		KADS	DALLAS TX (US)
STAR	YEAGR		KDAL	DALLAS TX (US)
STAR	DODJE		KRBD	DALLAS TX (US)
STAR	YEAGR		KTKI	DALLAS TX (US)
STAR	CEDAR CREEK		KDFW	DALLAS-FORT WORTH TX (US)
STAR	YEAGR		KDFW	DALLAS-FORT WORTH TX (US)
STAR	DODJE		KLUD	DECATUR TX (US)
STAR	DODJE		KDTO	DENTON TX (US)
STAR	DODJE		KAFW	FORT WORTH TX (US)
STAR	DODJE		KFTW	FORT WORTH TX (US)
STAR	DODJE		KFWS	FORT WORTH TX (US)
STAR	DODJE		KNFW	FORT WORTH TX (US)
STAR	DODJE		KGPM	GRAND PRAIRIE TX (US)
STAR	RIICE		KCXO	HOUSTON TX (US)
STAR	RIICE		KDWH	HOUSTON TX (US)
STAR	RIICE		KIAH	HOUSTON TX (US)
STAR	BLEWE		KRYW	LAGO VISTA TX (US)
STAR	BLEWE		3R9	LAKEWAY TX (US)
STAR	DODJE		KLNC	LANCASTER TX (US)
STAR	RIICE		T78	LIBERTY TX (US)
STAR	YEAGR		KHQZ	MESQUITE TX (US)
STAR	DODJE		KJWY	MIDLOTHIAN/WAXAHACHIE TX (US)
STAR	YEAGR		F46	ROCKWALL TX (US)
STAR	MARCS		KSAT	SAN ANTONIO TX (US)
STAR	MARCS		KSKF	SAN ANTONIO TX (US)
STAR	MARCS		KSSF	SAN ANTONIO TX (US)
STAR	BLEWE		T74	TAYLOR TX (US)
STAR	MARCS		KRND	UNIVERSAL CITY TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 33

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

REMOVED STAR BLUBELL FOR T00, KLBX, 54T, KHPY, KGLS, KAXH, KEFD, KHOU, KIWS, KLVJ, KSGR, KTME AND T41 AIRPORTS FROM FIX USE.

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

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

APPROVED BY: **DATE:** 10/31/2024 **OFFICE:** AJV-A432 **NAME:** CASIMIR TABAKA

SIGNATURE: