

RADIO FIX AND HOLDING DATA RECORD

NAME: COTULLA VORTAC STATE: TX COUNTRY: US ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 282743.26N/0990706.76W TYPE: WP

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	COTULLA	COT	VORTAC	VL						45000

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	COT	VORTAC	077.00	257.00	R	1	2500 6000	4 5
2	E	COT	VORTAC	078.63	258.63	R	1	2100 6000	4 5
3	W		WP	280.00	100.00	R		4000 60000	15 31

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	283024.00N/0991045.00W	817	4E
2	200	AAO	283024.00N/0991045.00W	817	4E
3	200	TOWER (48-025453)	282340.20N/0991523.76W	925	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-6312 AND/OR A-640 AND/OR KINGSVILLE 3 MOA AND/OR CRYSTAL MOA AND/OR CRYSTAL NORTH MOA.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
COT MAG VAR: 1965/E09.
PAT 3 ATC REQUEST FOR SEVERE WEATHER ROUTING/ALTERNATE HOLDING.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) M RWY 15			2XS2	CARRIZO SPRINGS	TX (US)
SPECIAL IAP	RNAV (GPS) M RWY 33			2XS2	CARRIZO SPRINGS	TX (US)
SPECIAL IAP	RNAV (GPS) RWY 14			XA89	CARRIZO SPRINGS	TX (US)
SPECIAL IAP	RNAV (GPS) RWY 32			XA89	CARRIZO SPRINGS	TX (US)
SPECIAL IAP	RNAV (GPS) RWY 15			5TE0	EAGLE PASS	TX (US)
SPECIAL IAP	RNAV (GPS) RWY 33			5TE0	EAGLE PASS	TX (US)
SPECIAL IAP	RNAV (GPS) RWY 12			XA66	ENCINAL	TX (US)
SPECIAL IAP	RNAV (GPS) RWY 15			0XA4	FREER	TX (US)
SPECIAL IAP	NDB RWY 15			72TE	LA PRYOR	TX (US)
DP	PALACIOS			T00	ANAHUAC	TX (US)
DP	PALACIOS			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	PALACIOS			54T	BAYTOWN	TX (US)
DP	PALACIOS			KHPY	BAYTOWN	TX (US)
DP	PALACIOS			6R3	CLEVELAND	TX (US)
DP	PALACIOS			KGLS	GALVESTON	TX (US)
DP	PALACIOS			KAXH	HOUSTON	TX (US)
DP	PALACIOS			KCXO	HOUSTON	TX (US)
DP	PALACIOS			KDWH	HOUSTON	TX (US)
DP	PALACIOS			KEFD	HOUSTON	TX (US)
DP	PALACIOS			KHOU	HOUSTON	TX (US)
DP	PALACIOS			KIAH	HOUSTON	TX (US)
DP	PALACIOS			KIWS	HOUSTON	TX (US)
DP	PALACIOS			KLVJ	HOUSTON	TX (US)
DP	PALACIOS			KSGR	HOUSTON	TX (US)
DP	PALACIOS			KTME	HOUSTON	TX (US)
DP	PALACIOS			T41	LA PORTE	TX (US)
DP	PALACIOS			T78	LIBERTY	TX (US)
DP	BOWIE			KSAT	SAN ANTONIO	TX (US)
DP	BOWIE			KSSF	SAN ANTONIO	TX (US)
EN ROUTE	HIGH		3			(US)
EN ROUTE	LOW		3			(US)
EN ROUTE	V17					(US)
EN ROUTE	V550					(US)
IAP	RNAV (GPS) RWY 13			KCZT	CARRIZO SPRINGS	TX (US)
IAP	RNAV (GPS) RWY 31			KCZT	CARRIZO SPRINGS	TX (US)
IAP	VOR-A		2	KCOT	COTULLA	TX (US)
IAP	RNAV (GPS) RWY 13			5T9	EAGLE PASS	TX (US)
IAP	RNAV (GPS) RWY 31			5T9	EAGLE PASS	TX (US)
IAP	VOR/DME OR GPS-A		1	T30	PEARSALL	TX (US)
STAR	LEMIG			KSAT	SAN ANTONIO	TX (US)
STAR	LEMIG			KSKF	SAN ANTONIO	TX (US)
STAR	LEMIG			KSSF	SAN ANTONIO	TX (US)
STAR	LEMIG			KRND	UNIVERSAL CITY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 24

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

HOLDING PATTERN ASSOCIATION UNP,05/16/2024 DELETED.

ADDED HOLDING PAT 3 AND ASSOCIATED OBSTACLE.

ADDED CONTROLLER HIGH AND ENROUTE HIGH TO REQUIRED CHARTING.

ADDED WP TO FIX TYPE.

ADDED REMARK PAT 3 ATC REQUEST FOR SEVERE WEATHER ROUTING/ALTERNATE HOLDING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: TYLER MITCHELL

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ROCKSPRINGS VORTAC

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 300052.57N/1001759.44W

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	FEET	MRA	MAA
1	ROCKSPRINGS	RSG	VORTAC	VL							17500

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W	RSG	VORTAC	290.76	110.76	L	1		5000	2841	5	8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-000120)	300028.00N/1001216.00W	2841	4D
1	310	TOWER (48-000120)	300028.00N/1001216.00W	2841	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 TO AVOID MILITARY AREAS

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 14	KECU	ROCKSPRINGS	TX (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
RSG MAG VAR; 1965/E10

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PALACIOS			T00	ANAHUAC	TX (US)
DP	PALACIOS			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	PALACIOS			54T	BAYTOWN	TX (US)
DP	PALACIOS			KHPY	BAYTOWN	TX (US)
DP	PALACIOS			6R3	CLEVELAND	TX (US)
DP	PALACIOS			KGLS	GALVESTON	TX (US)
DP	PALACIOS			KAXH	HOUSTON	TX (US)
DP	PALACIOS			KCXO	HOUSTON	TX (US)
DP	PALACIOS			KDWH	HOUSTON	TX (US)
DP	PALACIOS			KEFD	HOUSTON	TX (US)
DP	PALACIOS			KHOU	HOUSTON	TX (US)
DP	PALACIOS			KIAH	HOUSTON	TX (US)
DP	PALACIOS			KIWS	HOUSTON	TX (US)
DP	PALACIOS			KLVJ	HOUSTON	TX (US)
DP	PALACIOS			KSGR	HOUSTON	TX (US)
DP	PALACIOS			KTME	HOUSTON	TX (US)
DP	PALACIOS			T41	LA PORTE	TX (US)
DP	PALACIOS			T78	LIBERTY	TX (US)
IAP	RNAV (GPS) RWY 13			5T9	EAGLE PASS	TX (US)
IAP	RNAV (GPS) RWY 31			5T9	EAGLE PASS	TX (US)
IAP	VOR RWY 14		1	KECU	ROCKSPRINGS	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 10/05/2023

REASON FOR REVISION:

REMOVED NDB OR GPS RWY 18 FROM FIX USE FOR KSOA, PROCEDURE HAS BEEN CANCELED.
FAC 1 CLASS CHANGED FROM H TO VL

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A443

NAME: TROY PURNELL

APPROVED BY:

DATE: 10/05/2023

OFFICE: AJV-A433

NAME: DAVID TEFFETELLER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SKUBA

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 291143.09N/0954728.37W

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	FEET	MRA	MAA
1	PALACIOS	PSX	VORTAC	H	038.30	046.30	37.41	37.41		4000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KARRR (RNAV)			T00	ANAHUAC	TX (US)
DP	PALACIOS	1		T00	ANAHUAC	TX (US)
DP	KARRR (RNAV)			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	PALACIOS	1		KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	KARRR (RNAV)			54T	BAYTOWN	TX (US)
DP	PALACIOS	1		54T	BAYTOWN	TX (US)
DP	KARRR (RNAV)			KHPY	BAYTOWN	TX (US)
DP	PALACIOS	1		KHPY	BAYTOWN	TX (US)
DP	KARRR (RNAV)			6R3	CLEVELAND	TX (US)
DP	PALACIOS	1		6R3	CLEVELAND	TX (US)
DP	KARRR (RNAV)			KGLS	GALVESTON	TX (US)
DP	PALACIOS	1		KGLS	GALVESTON	TX (US)
DP	KARRR (RNAV)			KAXH	HOUSTON	TX (US)
DP	PALACIOS	1		KAXH	HOUSTON	TX (US)
DP	KARRR (RNAV)			KCXO	HOUSTON	TX (US)
DP	PALACIOS	1		KCXO	HOUSTON	TX (US)
DP	KARRR (RNAV)			KDWH	HOUSTON	TX (US)
DP	PALACIOS	1		KDWH	HOUSTON	TX (US)
DP	KARRR (RNAV)			KEFD	HOUSTON	TX (US)
DP	PALACIOS	1		KEFD	HOUSTON	TX (US)
DP	PALACIOS	1		KHOU	HOUSTON	TX (US)
DP	PTRON (RNAV)			KHOU	HOUSTON	TX (US)
DP	PALACIOS	1		KIAH	HOUSTON	TX (US)
DP	RITAA (RNAV)			KIAH	HOUSTON	TX (US)
DP	KARRR (RNAV)			KIWS	HOUSTON	TX (US)
DP	PALACIOS	1		KIWS	HOUSTON	TX (US)
DP	KARRR (RNAV)			KLVJ	HOUSTON	TX (US)
DP	PALACIOS	1		KLVJ	HOUSTON	TX (US)
DP	KARRR (RNAV)			KSGR	HOUSTON	TX (US)
DP	PALACIOS	1		KSGR	HOUSTON	TX (US)
DP	KARRR (RNAV)			KTME	HOUSTON	TX (US)
DP	PALACIOS	1		KTME	HOUSTON	TX (US)
DP	KARRR (RNAV)			T41	LA PORTE	TX (US)
DP	PALACIOS	1		T41	LA PORTE	TX (US)
DP	KARRR (RNAV)			T78	LIBERTY	TX (US)
DP	PALACIOS	1		T78	LIBERTY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

1. TYPE: REMOVED "INT".
2. FIX MAKE-UP: REMOVED FAC 2 "EAGLE LAKE VOR/DME"
3. REMARKS: REMOVED "PALACIOS (FAC 1) AND EAGLE LAKE (FAC 2) USED TO ESTABLISH FIX COORDINATES."
4. FIX USE: ADDED "FAC 1" TO ALL PALACIOS DP PROCEDURES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: THREE RIVERS VORTAC STATE: TX COUNTRY: US ICAO REGION CODE: K4
 LATITUDE/LONGITUDE: 283017.99N/0980901.68W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	THREE RIVERS	THX	VORTAC	L						45000

HOLDING: HOLDING TYPE OF ACTION: CANCEL

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	THX	VORTAC	340.06	160.06	R	1	2000 10000	4 9
2	N		WP	342.06	162.06	R	4	2000 10000	4 10
3	SW		WP	204.16	024.16	R	4	2000 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-008226)	283314.00N/0981117.00W	706	1A
2	200	TOWER (48-008226)	283314.00N/0981117.00W	706	1A
3	200	TOWER (48-008086)	282424.00N/0981021.00W	737	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: E8/1980.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) RWY 33			0XA4	FREER	TX (US)
SPECIAL IAP	RNAV (GPS) RWY 17		3	XS71	PAWNEE	TX (US)
DP	PALACIOS			T00	ANAHUAC	TX (US)
DP	PALACIOS			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	PALACIOS			54T	BAYTOWN	TX (US)
DP	PALACIOS			KHPY	BAYTOWN	TX (US)
DP	PALACIOS			6R3	CLEVELAND	TX (US)
DP	PALACIOS			KGLS	GALVESTON	TX (US)
DP	PALACIOS			KAXH	HOUSTON	TX (US)
DP	PALACIOS			KCXO	HOUSTON	TX (US)
DP	PALACIOS			KDWH	HOUSTON	TX (US)
DP	PALACIOS			KEFD	HOUSTON	TX (US)
DP	PALACIOS			KHOU	HOUSTON	TX (US)
DP	PALACIOS			KIAH	HOUSTON	TX (US)
DP	PALACIOS			KIWS	HOUSTON	TX (US)
DP	PALACIOS			KLJV	HOUSTON	TX (US)
DP	PALACIOS			KSGR	HOUSTON	TX (US)
DP	PALACIOS			KTME	HOUSTON	TX (US)
DP	PALACIOS			T41	LA PORTE	TX (US)
DP	PALACIOS			T78	LIBERTY	TX (US)
DP	BOWIE			KSAT	SAN ANTONIO	TX (US)
DP	THREE RIVERS (RNAV)			KSAT	SAN ANTONIO	TX (US)
DP	BOWIE			KSSF	SAN ANTONIO	TX (US)
DP	THREE RIVERS (RNAV)			KSSF	SAN ANTONIO	TX (US)
EN ROUTE	V161					(US)
EN ROUTE	V163					(US)
EN ROUTE	V568					(US)
IAP	RNAV (GPS) RWY 12			KBEA	BEEVILLE	TX (US)
IAP	VOR/DME RWY 12			KBEA	BEEVILLE	TX (US)
IAP	RNAV (GPS) RWY 32			0XA5	CAMPBELLTON	TX (US)
IAP	RNAV (GPS) RWY 13			2TA8	ENCINO	TX (US)
IAP	RNAV (GPS) RWY 31			2TA8	ENCINO	TX (US)
IAP	RNAV (GPS) RWY 13		2	8T6	GEORGE WEST	TX (US)
IAP	VOR/DME-A		1	8T6	GEORGE WEST	TX (US)
IAP	RNAV (GPS) RWY 14			T69	SINTON	TX (US)
STAR	LEMIG			KSAT	SAN ANTONIO	TX (US)
STAR	LEMIG			KSKF	SAN ANTONIO	TX (US)
STAR	LEMIG			KSSF	SAN ANTONIO	TX (US)
STAR	LEMIG			KRND	UNIVERSAL CITY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. DELETED "SPECIAL RNAV (GPS) RWY 17, XS71, PAWNEE, TX AND SPECIAL RNAV (GPS) RWY 33, 0XA4, FREER, TX" FROM FIX RESTRICTIONS.
2. FIX USE UPDATE: CHANGED RNAV (GPS) RWY 33 AT 0XA4 AND RNAV (GPS) RWY 17 AT XS71 FROM IAP TO SPECIAL IAP.
3. ADDED HOLDING LIMITED TO ESTABLISHED PATTERNS TO HOLDING RESTRICTIONS.
4. DELETED "ADDITIONAL ESV: THX R-339, 71 NM, 18200/37000" FROM REMARKS.
5. REMOVED THX ESV.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A433

NAME: KWEKU DONKOR**APPROVED BY:****DATE:** 05/08/2025**OFFICE:** AJV-A421**NAME:** DAVID DANNER**SIGNATURE:**