

RADIO FIX AND HOLDING DATA RECORD

NAME: CRAYS

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 295506.43N/0972559.46W

TYPE: WP

AIRSPACE DOCKET: 24-ASW-4

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	SW		WP	238.00	058.00	R	4	3000 6000	5 6
2	E		WP	083.38	263.38	R	20	6000 45000	25 30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-008828)	295702.15N/0972213.49W	1524	4D
2	230	TOWER (48-008828)	295702.15N/0972213.49W	1524	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

REMARKS:

HOLDING PAT 2: DME OUTBOUND EVALUATED TO 20 DME LEG LENGTH PER ATC.

HOLDING PAT 2, ATC REQUEST.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T220					(US)
IAP	RNAV (GPS) RWY 35			KGYB	GIDDINGS	TX (US)
IAP	RNAV (GPS) RWY 36		1	50R	LOCKHART	TX (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

TYPE: REMOVED DME AND INT.

AIRSPACE DOCKET: ADDED 24-ASW-4.

FIX MAKE-UP FACILITIES: REMOVED FAC 1 (IDU) - IDU VOR MON. REMOVED FAC 2 (CWK) - FIX HAS NO GROUND BASED NAVAID USAGE.

ESV: REMOVED IDU VORTAC ESV DATA.

HOLDING: REMOVED PAT 1 - CANCELED WITH MARCS STAR. UPDATED PATS 1 AND 2 CONTROLLING OBSTRUCTION DATA.

REMARKS: REMOVED FIX COORDINATES REMARK. REMOVED HOLDING PAT 1, 3 SHARE SAME GROUND TRACK. REPLACED HOLDING PAT 1, ATC REQUEST WITH HOLDING PAT 2, ATC REQUEST.

FIX USE: ADDED T220. REMOVED MARCS STAR AT ALL AFFECTED AIRPORTS. REMOVED V222 AND V68.

REQUIRED CHARTING: REMOVED STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 02, 2025

QUALITY
45
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MEESO

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 295816.74N/0964906.44W

TYPE: WP

AIRSPACE DOCKET: 24-ASW-4

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
T220

FAC

PAT

AIRPORT IDENT

CITY

STATE
(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/17/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

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ALLAN WILL

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QUALITY
45
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MNURE

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 295934.88N/0963357.84W

TYPE: WP

AIRSPACE DOCKET: 24-ASW-4

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BORRN (RNAV)			T00	ANAHUAC	TX (US)
DP	BORRN (RNAV)			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	BORRN (RNAV)			54T	BAYTOWN	TX (US)
DP	BORRN (RNAV)			KHPY	BAYTOWN	TX (US)
DP	BORRN (RNAV)			6R3	CLEVELAND	TX (US)
DP	BORRN (RNAV)			KGLS	GALVESTON	TX (US)
DP	BORRN (RNAV)			KAXH	HOUSTON	TX (US)
DP	BORRN (RNAV)			KCXO	HOUSTON	TX (US)
DP	BORRN (RNAV)			KDWH	HOUSTON	TX (US)
DP	BORRN (RNAV)			KEFD	HOUSTON	TX (US)
DP	RETYR (RNAV)			KHOU	HOUSTON	TX (US)
DP	BNDTO (RNAV)			KIAH	HOUSTON	TX (US)
DP	PITZZ (RNAV)			KIAH	HOUSTON	TX (US)
DP	BORRN (RNAV)			KIWS	HOUSTON	TX (US)
DP	BORRN (RNAV)			KLVJ	HOUSTON	TX (US)
DP	BORRN (RNAV)			KSGR	HOUSTON	TX (US)
DP	BORRN (RNAV)			KTME	HOUSTON	TX (US)
DP	BORRN (RNAV)			T41	LA PORTE	TX (US)
DP	BORRN (RNAV)			T78	LIBERTY	TX (US)
EN ROUTE	T220					(US)
IAP	RNAV (GPS) RWY 17			KGYB	GIDDINGS	TX (US)
IAP	RNAV (GPS) RWY 35			KGYB	GIDDINGS	TX (US)
STAR	WLEEE (RNAV)			KAUS	AUSTIN	TX (US)
STAR	POTRR (RNAV)			KEDC	AUSTIN	TX (US)
STAR	POTRR (RNAV)			KGTU	GEORGETOWN	TX (US)
STAR	POTRR (RNAV)			KRYW	LAGO VISTA	TX (US)
STAR	POTRR (RNAV)			3R9	LAKEWAY	TX (US)
STAR	POTRR (RNAV)			KHYI	SAN MARCOS	TX (US)
STAR	POTRR (RNAV)			KTYR	TYLER	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 24-ASW-4.

FIX USE: ADDED T220.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

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ALLAN WILL

Jan 02, 2025

QUALITY
45
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SEALY

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 295115.54N/0955636.33W

TYPE: WP

AIRSPACE DOCKET: 24-ASW-4

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE
EN ROUTE
EN ROUTE
IAP

USE TITLE

T200
T220
RNAV (GPS) RWY 17R

FAC

PAT

AIRPORT IDENT

CITY

STATE

(US)
(US)
TX (US)

KDWH

HOUSTON

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

TYPE: REMOVED INT AND DME - FIX HAS NO GROUND BASED NAVAID USAGE.

AIRSPACE DOCKET: CHANGED 18-ASW-1 TO 24-ASW-4.

FIX MAKE-UP FACILITIES: REMOVED FACS 1 (IAH), 2 (TNV) AND 3 (IDU).

HOLDING: REMOVED UPN HOLDING CONTROLLING OBSTRUCTION AND HOLDING RESTRICTION.

REMARKS: REMOVED FIX COORDINATES REMARK. REMOVED PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE: REMOVED V222.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

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OFFICE: AJV-A423

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