

RADIO FIX AND HOLDING DATA RECORD

NAME: BOCCK **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4
LATITUDE/LONGITUDE: 295612.26N/0961227.32W **TYPE:** WP
AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY
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)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 02/20/2025

REASON FOR REVISION:

1. REMOVED "INT, DME" FROM TYPE.
2. REMOVED FAC 1 (IDU), FAC 2 (TNV), FAC 3 (LFK) FROM FIX MAKE-UP FACILITIES - INDUSTRY DP AND BITER STAR CANCELLATION.
3. REMOVED "IDU, VORTAC, R-085, 19, 18400, 45000 AND LFK VORTAC R-222 107 18200 18300" FROM EXPANDED SERVICE VOLUME (ESV).
4. REMOVED "INDUSTRY (FAC 1) AND NAVASOTA (FAC 2) USED TO ESTABLISH FIX COORDINATES" IN REMARKS.
5. REMOVED "INDUSTRY AT KIAH, KLBX, KGLS, KAXH, KCXO, KDWH, KEFD, KHOU, KIWS, KSGR, KTME, T41" AND "BITER AT KAUS, KEDC, KHYI, KGTU, KRYW, 3R9, T74" FROM FIX USE.
6. REMOVED "STAR" FROM REQUIRED CHARTING.

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: 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 DME	HOLDING ALTITUDES	TEMPLATES
							TIME	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: SHYNR **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4
LATITUDE/LONGITUDE: 295538.29N/0960225.78W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

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 MIN	ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SE		WP	120.00	300.00	L	4	2000	6000	4 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-010010)	295751.00N/0960145.00W	590	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 15		1	KIWS	HOUSTON	TX (US)
IAP	RNAV (GPS) RWY 33		1	KIWS	HOUSTON	TX (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 02/20/2025

REASON FOR REVISION:

1. REMOVED "INT, DME" FROM TYPE.
2. REMOVED "FAC 1 (IAH), FAC2 (IDU), FAC 3 (TNV)" FROM FIX MAKE-UP FACILITIES - INDUSTRY DP AND BITER STAR CANCELLATION.
3. REMOVED "HUMBLE (FAC 1) AND INDUSTRY (FAC 2) USED TO ESTABLISH FIX COORDINATES" IN REMARKS.
4. REMOVED "INDUSTRY AT KIAH, KLBX, KGLS, KAXH, KCXO, KDWH, KEFD, KHOU, KIWS, KSGR, KTME, T41" AND "BITER AT KAUS, KEDC, KHYI, KGTU, KRWY, 3R9, 6R4" FROM FIX USE.
5. REMOVED "DP AND STAR", CHANGED "CONTROLLER" TO "CONTROLLER LOW" IN REQUIRED CHARTING.

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

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

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