

NFDD #177 - EFF 31 OCT 2024 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: ARNNE

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 304344.68N/0963300.25W

TYPE: WP, INT, DME

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	310.00	318.00	10.00	10.00		4000	45000
2	LEONA	LOA	VORTAC	L	223.95	231.95		38.23		4000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CLL	VORTAC	R-310	10	18000	45000
LOA	VORTAC	R-224	39	18000	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	NW	CLL	VORTAC	310.00	130.00	R		15	4000	34000	22	26
2	NW		WP	314.93	134.93	R		20	6000	45000	25	30
3	NW		WP	314.93	134.93	R		15	10000	45000	28	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-008192)	304416.00N/0965014.00W	1270	5D
2	280	TOWER (48-003981)	311625.00N/0971315.00W	2550	5D
3	230	TOWER (48-003981)	311625.00N/0971315.00W	2550	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

COLLEGE STATION (FAC 1) AND LEONA (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING PAT 3: EVALUATED FOR 15 NM LEGS, ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SNDAY (RNAV)		3	T00	ANAHUAC	TX (US)
STAR	KIDDZ (RNAV)		3	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	SNDAY (RNAV)		3	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	SNDAY (RNAV)		3	54T	BAYTOWN	TX (US)
STAR	SNDAY (RNAV)		3	KHPY	BAYTOWN	TX (US)
STAR	BAZBL (RNAV)		3	6R3	CLEVELAND	TX (US)
STAR	RIICE	1, 2	1	6R3	CLEVELAND	TX (US)
STAR	KIDDZ (RNAV)		3	KGLS	GALVESTON	TX (US)
STAR	SNDAY (RNAV)		3	KGLS	GALVESTON	TX (US)
STAR	SNDAY (RNAV)		3	KAXH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)		3	KCXO	HOUSTON	TX (US)
STAR	RIICE	1, 2	1	KCXO	HOUSTON	TX (US)
STAR	BAZBL (RNAV)		3	KDWH	HOUSTON	TX (US)
STAR	RIICE	1, 2	1	KDWH	HOUSTON	TX (US)
STAR	KIDDZ (RNAV)		3	KEFD	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		3	KEFD	HOUSTON	TX (US)
STAR	KIDDZ (RNAV)		3	KHOU	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		3	KHOU	HOUSTON	TX (US)
STAR	BAZBL (RNAV)		3	KIAH	HOUSTON	TX (US)
STAR	DRLLR (RNAV)		2	KIAH	HOUSTON	TX (US)
STAR	GUSHR (RNAV)		2	KIAH	HOUSTON	TX (US)
STAR	MSCOT (RNAV)		2	KIAH	HOUSTON	TX (US)
STAR	RIICE	1, 2	1	KIAH	HOUSTON	TX (US)
STAR	TTORO (RNAV)		2	KIAH	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		3	KIWS	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		3	KLVJ	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		3	KSGR	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		3	KTME	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		3	T41	LA PORTE	TX (US)
STAR	BAZBL (RNAV)		3	T78	LIBERTY	TX (US)
STAR	RIICE	1, 2	1	T78	LIBERTY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 10/31/2024

QUALITY
14
CHECKED

REASON FOR REVISION:

REMOVED STAR BLUBL FOR T00, KLBX, 54T, KHPY, KGLS, KAXH, KEFD, KHOU, KIWS, KLVJ, KSGR, KTME AND T41 AIRPORTS FROM FIX USE.
REMOVED STAR SNIFY FOR KLBX, KGLS, KEFD AND KHOU AIRPORTS FROM FIX USE.
CHANGED HOLDING PAT 1 HOLDING ALTITUDES MAX FROM 40000 TO 34000 AND TEMPLATES MIN FROM 23 TO 22 AND MAX FROM 29 TO 26 IN HOLDING PATTERNS.
CHANGED PAT 1 280 AIRSPEED CONTROLLING OBSTACLE FROM "TOWER (48-008192)" TO "TOWER (48-003981)", COORDINATES FROM "304416.00N/0965014.00W" TO "311625.00N/0971315.00W" AND ELEVATION FROM 1270 TO 2550 IN CONTROLLING OBSTRUCTIONS.
ADDED HOLDING PAT 3 TO HOLDING PATTERNS AND ITS ASSOCIATED CONTROLLING OBSTACLE.
CHANGED FROM "HOLDING PAT 2: EVALUATED FOR 15 NM LEGS, ATC REQUEST" TO "HOLDING PAT 3: EVALUATED FOR 15 NM LEGS, ATC REQUEST" IN REMARKS.
CHANGED STAR KIDDZ (RNAV) PAT FROM 2 TO 3 IN FIX USE.
ADDED STAR SNDAY (RNAV) FOR T00, KLBX, 54T, KHPY, KGLS, KAXH, KEFD, KHOU, KIWS, KLVJ, KSGR, KTME AND T41 AIRPORTS TO FIX USE.
ADDED STAR KIDDZ (RNAV) FOR KLBX, KGLS AND KEFD AIRPORTS IN FIX USE.
ADDED STAR BAZBL (RNAV) FOR KIAH, 6R3, KCXO, KDWH AND T78 AIRPORTS IN 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:	Digitally signed by JOSEPH L ZEDER Sep 04, 2024	

QUALITY
14
CHECKED

NO NFDD - EFF 31 OCT 2023 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: BAZBL

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 303816.18N/0960324.10W

TYPE: WP, INT, DME

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	MRA	MAA
1	HUMBLE	IAH	VORTAC	H	313.00	318.00	55.00	55.00	5000	45000
2	LEONA	LOA	VORTAC	L	180.97	188.97		29.46	5000	45000
3	COLLEGE STATION	CLL	VORTAC	L	075.95	083.95		18.95	5000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
IAH	VORTAC	R-313	55	5000	14600
LOA	VORTAC	R-181	30	18000	45000
CLL	VORTAC	R-076	19	18000	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	HOLDING ALTITUDES DME	MIN	MAX	MIN	MAX
1	NW	IAH	VORTAC	313.00	133.00	L	1		5000	45000	7	31

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-004538)	303316.54N/0960152.39W	1982	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

HUMBLE (FAC 1) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J27	1, 2, 3				(US)
STAR	BAZBL (RNAV)			6R3	CLEVELAND	TX (US)
STAR	RIICE	1, 2, 3	1	6R3	CLEVELAND	TX (US)
STAR	BAZBL (RNAV)			KCXO	HOUSTON	TX (US)
STAR	RIICE	1, 2, 3	1	KCXO	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KDWH	HOUSTON	TX (US)
STAR	RIICE	1, 2, 3	1	KDWH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KIAH	HOUSTON	TX (US)
STAR	RIICE	1, 2, 3	1	KIAH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			T78	LIBERTY	TX (US)
STAR	RIICE	1, 2, 3	1	T78	LIBERTY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

1. FIX USE: ADDED BAZBL (RNAV) STAR AT 6R3, KCXO, KDWH, KIAH, AND T78 AIRPORTS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CHRISTOPHER WILKINSON

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
JOSEPH L ZEDER

Aug 12, 2024

QUALITY
35
CHECKED

NO NFDD - EFF 31 OCT 2024 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: BEANE

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 303618.52N/0962514.77W

TYPE: WP

AIRSPACE DOCKET:

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
STAR	SNDAY (RNAV)			T00	ANAHUAC	TX (US)
STAR	KIDDZ (RNAV)			KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	SNDAY (RNAV)			KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	SNDAY (RNAV)			54T	BAYTOWN	TX (US)
STAR	SNDAY (RNAV)			KHPY	BAYTOWN	TX (US)
STAR	BAZBL (RNAV)			6R3	CLEVELAND	TX (US)
STAR	KIDDZ (RNAV)			KGLS	GALVESTON	TX (US)
STAR	SNDAY (RNAV)			KGLS	GALVESTON	TX (US)
STAR	SNDAY (RNAV)			KAXH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KCXO	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KDWH	HOUSTON	TX (US)
STAR	KIDDZ (RNAV)			KEFD	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KEFD	HOUSTON	TX (US)
STAR	KIDDZ (RNAV)			KHOU	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KHOU	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KIAH	HOUSTON	TX (US)
STAR	DRLLR (RNAV)			KIAH	HOUSTON	TX (US)
STAR	GUSHR (RNAV)			KIAH	HOUSTON	TX (US)
STAR	MSCOT (RNAV)			KIAH	HOUSTON	TX (US)
STAR	TTORO (RNAV)			KIAH	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KIWS	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KLVJ	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KSGR	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KTME	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			T41	LA PORTE	TX (US)
STAR	BAZBL (RNAV)			T78	LIBERTY	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

ADDED STAR SNDAY (RNAV) FOR T00, KLBX, 54T, KHPY, KGLS, KAXH, KEFD, KHOU, KIWS, KLVJ, KSGR, KTME AND T41 AIRPORTS TO FIX USE.

ADDED STAR KIDDZ (RNAV) FOR KLBX, KGLS AND KEFD AIRPORTS IN FIX USE.

ADDED STAR BAZBL (RNAV) FOR KIAH, 6R3, KCXO, KDWH AND T78 AIRPORTS IN 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:

Digitally signed by

JOSEPH L ZEDER

Sep 04, 2024

QUALITY
14
CHECKED

NFDD #177 - EFF 31 OCT 2024 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: BGOHH STATE: TX COUNTRY: US ICAO REGION CODE: K4
LATITUDE/LONGITUDE: 310527.74N/0984802.34W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

HOLDING: HOLDING TYPE OF ACTION: ESTABLISH

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		WP	274.05	094.05	R		12	8000	45000	20	30

CONTROLLING OBSTRUCTIONS:					
PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-010755)	305756.08N/0985657.27W	2348	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

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

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 10/31/2024

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: Digitally signed by
JOSEPH L ZEDER
Sep 04, 2024

QUALITY
14
CHECKED

NO NFDD - EFF 31 OCT 2023 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: DOMNO

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 300533.28N/0952901.63W

TYPE: WP

AIRSPACE DOCKET:

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

STAR

BAZBL (RNAV)

KIAH

HOUSTON

TX (US)

STAR

DRLLR (RNAV)

KIAH

HOUSTON

TX (US)

STAR

MSCOT (RNAV)

KIAH

HOUSTON

TX (US)

STAR

SOULL (RNAV)

KIAH

HOUSTON

TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

1. FIX USE: DELETED STAR HKORY (RNAV) AT KIAH AIRPORT.
2. FIX USE: ADDED BAZBL (RNAV) STAR AT KIAH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CHRISTOPHER WILKINSON

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

JOSEPH L ZEDER

Aug 12, 2024

QUALITY
35
CHECKED

NFDD #177 - EFF 31 OCT 2024 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: ELLVR

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 314229.22N/0965016.05W

TYPE: WP, INT, DME

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	MAVERICK	TTT	VOR/DME	H	165.51	171.51	70.28	70.28		7000	45000
2	WACO	ACT	VORTAC	VH	073.79	082.79		22.25		7000	45000
3	COLLEGE STATION	CLL	VORTAC	L	334.09	342.09	69.44	69.44		7000	45000
4	INDUSTRY	IDU	VORTAC	L	344.34	352.34	105.85	105.85		11000	45000
5	COWBOY	CVE	VOR/DME	VH	171.26	177.26	70.87	70.87		11000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TTT	VOR/DME	R-166	71	7000	15100
CLL	VORTAC	R-334	70	7000	45000
IDU	VORTAC	R-344	106	11000	45000
CVE	VOR/DME	R-171	71	9000	15000

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	N	CVE	VOR/DME	171.26	171.26	R	1-1 1/2		11000	45000	11	31
2	N		WP	342.12	162.12	R		12	8000	45000	20	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-005557)	314023.00N/0965223.00W	1050	5D
2	230	TOWER (48-009432)	320524.02N/0970251.71W	1308	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

MAVERICK (FAC 1) AND WACO (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JOE POOL	1, 2, 3		KGKY	ARLINGTON	TX (US)
DP	JOE POOL	1, 2, 3		KADS	DALLAS	TX (US)
DP	CURLO (RNAV)			KDAL	DALLAS	TX (US)
DP	JOE POOL	1, 2, 3		KDAL	DALLAS	TX (US)
DP	RAMBL (RNAV)			KDAL	DALLAS	TX (US)
DP	VENUS	1, 2, 3		KDAL	DALLAS	TX (US)
DP	JOE POOL	1, 2, 3		KRBD	DALLAS	TX (US)
DP	JOE POOL	1, 2, 3		KTKI	DALLAS	TX (US)
DP	ARDIA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL	1, 2, 3		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	1, 2, 3		KDTO	DENTON	TX (US)
DP	JOE POOL	1, 2, 3		KAFW	FORT WORTH	TX (US)
DP	JOE POOL	1, 2, 3		KFTW	FORT WORTH	TX (US)
DP	JOE POOL	1, 2, 3		KFWS	FORT WORTH	TX (US)
DP	JOE POOL	1, 2, 3		KNFW	FORT WORTH	TX (US)
DP	JOE POOL	1, 2, 3		KGPM	GRAND PRAIRIE	TX (US)
DP	JOE POOL	1, 2, 3		KLNC	LANCASTER	TX (US)
DP	JOE POOL	1, 2, 3		KHQZ	MESQUITE	TX (US)
EN ROUTE	HIGH CHART	1, 2, 3, 5	1			(US)
EN ROUTE	LOW CHART	1, 2, 3, 4, 5	1			(US)
STAR	SNDAY (RNAV)			T00	ANAHUAC	TX (US)
STAR	KIDDZ (RNAV)		2	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	SNDAY (RNAV)			KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	SNDAY (RNAV)			54T	BAYTOWN	TX (US)
STAR	SNDAY (RNAV)			KHPY	BAYTOWN	TX (US)
STAR	BAZBL (RNAV)		2	6R3	CLEVELAND	TX (US)
STAR	KIDDZ (RNAV)		2	KGLS	GALVESTON	TX (US)
STAR	SNDAY (RNAV)			KGLS	GALVESTON	TX (US)
STAR	SNDAY (RNAV)			KAXH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)		2	KCXO	HOUSTON	TX (US)
STAR	BAZBL (RNAV)		2	KDWH	HOUSTON	TX (US)
STAR	KIDDZ (RNAV)		2	KEFD	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KEFD	HOUSTON	TX (US)

QUALITY
14
CHECKED

STAR	KIDDZ (RNAV)	2	KHOU	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		KHOU	HOUSTON	TX (US)
STAR	BAZBL (RNAV)	2	KIAH	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		KIWS	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		KLVJ	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		KSGR	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		KTME	HOUSTON	TX (US)
STAR	SNDAY (RNAV)		T41	LA PORTE	TX (US)
STAR	BAZBL (RNAV)	2	T78	LIBERTY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

REMOVED PAT 2 TTT VOR/DME FROM HOLDING PATTERNS WITH ITS ASSOCIATED CONTROLLING OBSTACLE.

ADDED RNAV PAT 2 TO HOLDING PATTERNS WITH ITS ASSOCIATED CONTROLLING OBSTACLE.

REMOVED "HOLDING PAT 2: 7 NM IS MAX OUTBOUND LEG LENGTH DUE TO FIX TO NAVAID DISTANCE OF 71NM" FROM REMARKS.

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

REMOVED STAR SNIFY FOR KLBX, KGLS, KEFD AND KHOU AIRPORTS FROM FIX USE.

ADDED STAR SNDAY (RNAV) FOR T00, KLBX, 54T, KHPY, KGLS, KAXH, KEFD, KHOU, KIWS, KLVJ, KSGR, KTME AND T41 AIRPORTS TO FIX USE.

ADDED STAR KIDDZ (RNAV) FOR KHOU, KLBX, KGLS AND KEFD AIRPORTS IN FIX USE.

ADDED STAR BAZBL (RNAV) FOR KIAH, 6R3, KCXO, KDWH AND T78 AIRPORTS IN 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

Digitally signed by

SIGNATURE: JOSEPH L ZEDER

Sep 04, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GOHAN

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 304242.74N/0960805.46W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
STAR	BAZBL (RNAV)			6R3	CLEVELAND	TX (US)
STAR	BAZBL (RNAV)			KCXO	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KDWH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KIAH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			T78	LIBERTY	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/31/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CHRISTOPHER WILKINSON

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
JOSEPH L ZEDER
Aug 12, 2024



NFDD #162 - EFF 31 OCT 2023 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: GOZDA

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 311510.96N/0964149.42W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR

BAZBL (RNAV)

6R3

CLEVELAND

TX (US)

STAR

BAZBL (RNAV)

KCXO

HOUSTON

TX (US)

STAR

BAZBL (RNAV)

KDWH

HOUSTON

TX (US)

STAR

BAZBL (RNAV)

KIAH

HOUSTON

TX (US)

STAR

BAZBL (RNAV)

T78

LIBERTY

TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/31/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CHRISTOPHER WILKINSON

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

*Digitally signed by***JOSEPH L ZEDER**

Aug 12, 2024

QUALITY
35
CHECKED

NFDD #162 - EFF 31 OCT 2023 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: HOMRN STATE: TX COUNTRY: US ICAO REGION CODE: K4
LATITUDE/LONGITUDE: 304934.68N/0961521.47W TYPE: WP, INT, 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	NAVASOTA	TNV	VOR/DME	VH	334.40	342.40	33.78	33.78		6000	45000
2	LEONA	LOA	VORTAC	L	211.89	219.89		23.20		6000	45000
3	HUMBLE	IAH	VORTAC	H	313.00	318.00	70.28	70.28		6000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LOA	VORTAC	R-212	24	18000	45000
IAH	VORTAC	R-313	71	6000	14600

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	NW	IAH	VORTAC	313.00	133.00	R	1-1 1/2	6000 45000	7 31

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-008428)	304838.69N/0961536.86W	830	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
NAVASOTA (FAC 1) AND HUMBLE (FAC 3) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	J87	1, 2, 3				
STAR	BAZBL (RNAV)			6R3	CLEVELAND	TX (US)
STAR	RIICE	1, 2, 3	1	6R3	CLEVELAND	TX (US)
STAR	BAZBL (RNAV)			KCXO	HOUSTON	TX (US)
STAR	RIICE	1, 2, 3	1	KCXO	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KDWH	HOUSTON	TX (US)
STAR	RIICE	1, 2, 3	1	KDWH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KIAH	HOUSTON	TX (US)
STAR	RIICE	1, 2, 3	1	KIAH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			T78	LIBERTY	TX (US)
STAR	RIICE	1, 2, 3	1	T78	LIBERTY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 DATE OF REVISION: 10/31/2024

- REASON FOR REVISION:
- 1. FIX MAKE-UP FACILITIES: DELETED FAC 4 LLANO VORTAC ALL FIX USE ASSOCIATION.
 - 2. EXPANDED SERVICE VOLUME (ESV): DELETED LLO ESV.
 - 3. HOLDING: DELETED PAT 2 AND ASSOCIATED CONTROLLING OBSTRUCTION DATA.
 - 4. FIX USE: ADDED STAR BAZBL (RNAV) AT KIAH, KDWH, KCXO, 6R3, T78 AIRPORTS.
 - 5. FIX USE: CORRECTED SPELLING FROM STAR RICCE TO RIICE AT T78 AIRPORT.
 - 6. REQUIRED CHARTING: REMOVED CONTROLLER, ADDED CONTROLLER LOW AND CONTROLLER HIGH.

INITIATED BY: DATE: ORGANIZATION: NAME:
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: CHRISTOPHER WILKINSON
APPROVED BY: DATE: 10/31/2024 OFFICE: AJV-A432 NAME: CASIMIR TABAKA
SIGNATURE: Digitally signed by JOSEPH L ZEDER Aug 12, 2024



NFDD #234 - EFF 20 FEB 2025 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: ILEXY

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 302110.00N/0970445.46W

TYPE: WP, INT, 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	CENTEX	CWK	VORTAC	VH	087.66	093.66	23.44	23.44	2400	45000
2	COLLEGE STATION	CLL	VORTAC	L	238.31	246.31	37.34	37.34	2400	45000
3	NAVASOTA	TNV	VOR/DME	VH	266.41	274.41	53.16	53.16	5000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CLL	VORTAC	R-238	38	18000	45000
TNV	VOR/DME	R-266	54	5000	5300

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CENTEX (FAC 1) AND COLLEGE STATION (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CENTEX	1, 2		KAUS	AUSTIN	TX (US)
DP	ILEXY (RNAV)			KAUS	AUSTIN	TX (US)
DP	ILEXY (RNAV)			KEDC	AUSTIN	TX (US)
DP	ILEXY (RNAV)			KHYI	AUSTIN	TX (US)
DP	ILEXY (RNAV)			KGTU	GEORGETOWN	TX (US)
DP	ILEXY (RNAV)			KRYW	LAGO VISTA	TX (US)
DP	ILEXY (RNAV)			3R9	LAKEWAY	TX (US)
DP	ILEXY (RNAV)			T74	TAYLOR	TX (US)
EN ROUTE	V306	1, 2				(US)
STAR	KIDDZ (RNAV)			KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	BAZBL (RNAV)			6R3	CLEVELAND	TX (US)
STAR	RIICE	1, 2		6R3	CLEVELAND	TX (US)
STAR	KIDDZ (RNAV)			KGLS	GALVESTON	TX (US)
STAR	BAZBL (RNAV)			KCXO	HOUSTON	TX (US)
STAR	RIICE	1, 2		KCXO	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KDWH	HOUSTON	TX (US)
STAR	RIICE	1, 2		KDWH	HOUSTON	TX (US)
STAR	KIDDZ (RNAV)			KEFD	HOUSTON	TX (US)
STAR	KIDDZ (RNAV)			KHOU	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KIAH	HOUSTON	TX (US)
STAR	DRLLR (RNAV)			KIAH	HOUSTON	TX (US)
STAR	GUSHR (RNAV)			KIAH	HOUSTON	TX (US)
STAR	MSCOT (RNAV)			KIAH	HOUSTON	TX (US)
STAR	RIICE	1, 2		KIAH	HOUSTON	TX (US)
STAR	TTORO (RNAV)			KIAH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			T78	LIBERTY	TX (US)
STAR	RIICE	1, 2		T78	LIBERTY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. DELETED IDU IN FIX MAKE-UP FACILITIES AND ASSOCIATED ESV -- IDU VOR MON.
2. DELETED FAC 3 FROM DP CENTEX AT KAUS AND EN ROUTE V306 IN FIX USE.
3. RENUMBERED FAC "3" TO "2" ON STAR RIICE AT ALL ASSOCIATED AIRPORTS.

10/7/24: UPDATED COPY OF THE FORM DEVELOPED ON 8/16/24.

1. DELETED RNAV (GPS) RWY 17 AT KGYB IN FIX USE.
2. DELETED "IAP" IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Nov 26, 2024

QUALITY
20
CHECKED

NO NFDD - EFF 31 OCT 24 - KRJ

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 302931.68N/0955217.22W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

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	NW		WP	328.02	148.02	R		10	6000	19000	15	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (48-004538)	303316.54N/0960152.39W	1982	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BAZBL (RNAV)			6R3	CLEVELAND	TX (US)
STAR	BAZBL (RNAV)			KCXO	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KDWH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KIAH	HOUSTON	TX (US)
STAR	DRLLR (RNAV)		1	KIAH	HOUSTON	TX (US)
STAR	GUSHR (RNAV)		1	KIAH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			T78	LIBERTY	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

1. FIX USE: ADDED BAZBL (RNAV) STAR AT 6R3, KCXO, KDWH, KIAH, AND T78 AIRPORTS.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: CHRISTOPHER WILKINSON

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

SIGNATURE: Digitally signed by
JOSEPH L ZEDER
Aug 12, 2024QUALITY
35
CHECKED

NFDD #163 - EFF 31 OCT 24 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: MTRSS

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 302238.06N/0954534.32W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

STAR
STAR
STAR
STAR

USE TITLE

BAZBL (RNAV)
BAZBL (RNAV)
BAZBL (RNAV)
BAZBL (RNAV)

FAC

PAT

AIRPORT IDENT

6R3
KCXO
KDWH
T78

CITY

CLEVELAND
HOUSTON
HOUSTON
LIBERTY

STATE

TX (US)
TX (US)
TX (US)
TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/31/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CHRISTOPHER WILKINSON

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

*Digitally signed by***JOSEPH L ZEDER**

Aug 12, 2024

QUALITY
35
CHECKED

NFDD #177 - EFF 31 OCT 2024 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: MUFNNSTATE: TXCOUNTRY: USICAO REGION CODE: K4

LATITUDE/LONGITUDE: 305830.18N/0974508.67WTYPE: WP

AIRSPACE DOCKET:FIX TYPE OF ACTION: ESTABLISH

HOLDING:HOLDING TYPE OF ACTION: ESTABLISH

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		WP	274.05	094.05	R		12	8000	45000	20 30

CONTROLLING OBSTRUCTIONS:				COORDINATES	ELEVATION	ACCURACY CODE
PAT	AIRSPEED	OBSTRUCTION				
1	230	TOWER (48-005422)		304334.30N/0975925.40W	3097	4D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

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

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIGDATE OF REVISION: 10/31/2024

INITIATED BY:DATE:ORGANIZATION:NAME:

OFFICE OF PRIMARY RESPONSIBILITY:AJV-A432NAME: SILVIA YOUNG

APPROVED BY:DATE: 10/31/2024OFFICE: AJV-A432NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
JOSEPH L ZEDER
Sep 04, 2024



NO NFDD - EFF 31 OCT 2024 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: SKLER

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 300533.56N/0951337.25W

TYPE: WP

AIRSPACE DOCKET:

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

IAP	RNAV (RNP) Y RWY 26R			KIAH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KIAH	HOUSTON	TX (US)
STAR	DRLLR (RNAV)			KIAH	HOUSTON	TX (US)
STAR	MSCOT (RNAV)			KIAH	HOUSTON	TX (US)
STAR	TEJAS (RNAV)			KIAH	HOUSTON	TX (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

1. REMARKS: DELETED "NAME CHANGED FROM DOOOM TO SKLER."
2. FIX USE: ADDED BAZBL (RNAV) STAR AT KIAH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CHRISTOPHER WILKINSON

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
JOSEPH L ZEDER
Aug 12, 2024

QUALITY
35
CHECKED

NFDD #202 - EFF 26 DEC 2024 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: STYCKSTATE: TXCOUNTRY: USICAO REGION CODE: K4

LATITUDE/LONGITUDE: 310726.45N/0955804.65WTYPE: WP

AIRSPACE DOCKET:FIX TYPE OF ACTION: NO CHANGE

HOLDING:HOLDING TYPE OF ACTION: ESTABLISH

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	NW		WP	316.62	136.62	R		4	2100	6000	5 6

CONTROLLING OBSTRUCTIONS:				COORDINATES	ELEVATION	ACCURACY CODE
PAT	AIRSPEED	OBSTRUCTION				
1	200	TOWER (48-004995)		310837.05N/0960701.74W	1031	4D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	STYCK (RNAV)			T00	ANAHUAC	TX (US)
DP	STYCK (RNAV)			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	STYCK (RNAV)			KBYY	BAY CITY	TX (US)
DP	STYCK (RNAV)			54T	BAYTOWN	TX (US)
DP	STYCK (RNAV)			KHPY	BAYTOWN	TX (US)
DP	STYCK (RNAV)			6R3	CLEVELAND	TX (US)
DP	STYCK (RNAV)			KGLS	GALVESTON	TX (US)
DP	STYCK (RNAV)			KAXH	HOUSTON	TX (US)
DP	STYCK (RNAV)			KCXO	HOUSTON	TX (US)
DP	STYCK (RNAV)			KDWH	HOUSTON	TX (US)
DP	STYCK (RNAV)			KEFD	HOUSTON	TX (US)
DP	STYCK (RNAV)			KHOU	HOUSTON	TX (US)
DP	STYCK (RNAV)			KIAH	HOUSTON	TX (US)
DP	STYCK (RNAV)			KIWS	HOUSTON	TX (US)
DP	STYCK (RNAV)			KLVJ	HOUSTON	TX (US)
DP	STYCK (RNAV)			KSGR	HOUSTON	TX (US)
DP	STYCK (RNAV)			KTME	HOUSTON	TX (US)
DP	STYCK (RNAV)			T41	LA PORTE	TX (US)
DP	STYCK (RNAV)			T78	LIBERTY	TX (US)
DP	STYCK (RNAV)			KARM	WHARTON	TX (US)
IAP	RNAV (GPS) RWY 1			51R	MADISONVILLE	TX (US)
IAP	RNAV (GPS) RWY 19		1	51R	MADISONVILLE	TX (US)
STAR	SNDAY (RNAV)			T00	ANAHUAC	TX (US)
STAR	SNDAY (RNAV)			KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	SNDAY (RNAV)			54T	BAYTOWN	TX (US)
STAR	SNDAY (RNAV)			KHPY	BAYTOWN	TX (US)
STAR	BAZBL (RNAV)			6R3	CLEVELAND	TX (US)
STAR	SNDAY (RNAV)			KGLS	GALVESTON	TX (US)
STAR	SNDAY (RNAV)			KAXH	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KCXO	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KDWH	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KEFD	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KHOU	HOUSTON	TX (US)
STAR	BAZBL (RNAV)			KIAH	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KIWS	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KLVJ	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KSGR	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			KTME	HOUSTON	TX (US)
STAR	SNDAY (RNAV)			T41	LA PORTE	TX (US)
STAR	BAZBL (RNAV)			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: 4DATE OF REVISION: 12/26/2024

REASON FOR REVISION:
1. ADDED PAT 1 AND ASSOCIATED OBSTRUCTION.
2. ADDED "HOLDING LIMITED TO ESTABLISHED PATTERNS" TO HOLDING RESTRICTIONS.
3. ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETE" TO REMARKS.
4. ADDED "IAP, CONTROLLER LOW AND EN ROUTE LOW" TO REQUIRED CHARTING.
5. ADDED "RNAV (GPS) RWY 1 AT 51R, RNAV (GPS) RWY 19, PAT 1 AT 51R" TO 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:	<i>Digitally signed by</i> JOSEPH L ZEDER Sep 10, 2024	



NFDD #161 - EFF 31 OCT 2024 - KRJ

RADIO FIX AND HOLDING DATA RECORD

NAME: TEDYP

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 303739.32N/0961019.19W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR

BAZBL (RNAV)

6R3

CLEVELAND

TX (US)

STAR

BAZBL (RNAV)

KCXO

HOUSTON

TX (US)

STAR

BAZBL (RNAV)

KDWH

HOUSTON

TX (US)

STAR

BAZBL (RNAV)

KIAH

HOUSTON

TX (US)

STAR

BAZBL (RNAV)

T78

LIBERTY

TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/31/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CHRISTOPHER WILKINSON

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

*Digitally signed by***JOSEPH L ZEDER**

Aug 12, 2024

QUALITY
35
CHECKED