RADIO FIX AND HOLDING DATA RECORD

NAME: NNATE **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 325427.55N/0965454.87W **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	DIST FROM FAC FEET	MRA	MAA
1	DALLAS	I-DAL	LOC/DME		312.63	315.63	5.69	5.73	34800	1900	4900
2	MAVERICK	TTT	VOR/DME	VH	063.95	069.95		6.74		1900	4900

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
DALLAS (FAC 1) AND MAVERICK (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 13L	1, 2		KDAL	DALLAS	TX (US)
IAP	ILS RWY 13L (SA CAT I)	1, 2		KDAL	DALLAS	TX (US)
IAP	ILS RWY 13L (SA CAT II)	1, 2		KDAL	DALLAS	TX (US)
IAP	RNAV (GPS) Z RWY 13L			KDAL	DALLAS	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 12/26/2024

REASON FOR REVISION:
1. FIX MAKE-UP FACILITIES: CHANGED MAVERICK (FAC 2) CLASS FROM H TO VH.
2. REMARKS: CHANGED FACILITIES USED TO ESTABLISH FIX COORDINATES FROM "I-DAL (FAC 1)" TO "DALLAS (FAC 1) AND MAVERICK (FAC 2)".
3. REMARKS: DELETED "NAME CHANGED FROM NITER TO NNATE".
4. REMARKS: DELETED "I-DAL DME COORDINATES: 325026.05N/0965008.05W".
5. FIX USE, DELETED SPECIAL IAPS AT KDAL: ILS Z OR LOC Z RWY 13L AND ILS Z RWY 13L (SA CAT I & II).
6. FIX USE AT KDAL: CHANGED ILS Y OR LOC Y RWY 13L TO ILS OR LOC RWY 13L.
7. FIX USE AT KDAL: REPLACED ILS Y RWY 13L (SA CAT I & II) WITH ILS RWY 13L (SA CAT I) AND ILS RWY 13L (SA CAT II).
8. REQUIRED CHARTING: DELETED SPECIAL IAP.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** RICHARD BRUCE

APPROVED BY: **DATE:** 12/26/2024 **OFFICE:** AJV-A420 **NAME:** CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SOLDO **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 325155.00N/0961956.32W **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	DIST FROM FAC FEET	MRA	MAA
1	MAVERICK	TTT	VOR/DME	VH	084.18	090.18	35.79	35.79		3000	17500
2	BONHAM	BYP	VORTAC	VH	181.03	187.03		40.56		3000	17500
3	COWBOY	CVE	VOR/DME	VH	086.82	092.82	28.92	28.92		3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BYP	VORTAC	R-181	41	3000	15200

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W	TTT	VOR/DME	084.18	084.18	R	1		3000	14000	6	12
2	W		WP	264.00	084.00	R		4	3000	14000	5	11
3	SW		WP	232.86	052.86	R		4	3000	14000	5	11
4	W	CVE	VOR/DME	086.82	086.82	R	1		3000	14000	6	12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-001261)	325532.00N/0962417.00W	908	5D
2	200	TOWER (48-001261)	325532.00N/0962417.00W	908	5D
3	200	TOWER (48-009837)	325248.31N/0962653.69W	851	1A
4	200	TOWER (48-001261)	325532.00N/0962417.00W	908	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
MAVERICK (FAC 1) AND BONHAM (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DALLAS	1, 2		KGKY	ARLINGTON	TX (US)
DP	GARLAND	1, 2		KGKY	ARLINGTON	TX (US)
DP	GARLAND	1, 2		KCPT	CLEBURNE	TX (US)
DP	DALLAS	1, 2		KADS	DALLAS	TX (US)
DP	GARLAND	1, 2		KADS	DALLAS	TX (US)
DP	BACHMAN	1, 2		KDAL	DALLAS	TX (US)
DP	DALLAS	1, 2		KDAL	DALLAS	TX (US)
DP	GARLAND	1, 2		KDAL	DALLAS	TX (US)
DP	DALLAS	1, 2		KRBD	DALLAS	TX (US)
DP	GARLAND	1, 2		KRBD	DALLAS	TX (US)
DP	DALLAS	1, 2		KTKI	DALLAS	TX (US)
DP	GARLAND	1, 2		KTKI	DALLAS	TX (US)
DP	DALLAS	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)
DP	GARLAND	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)
DP	GARLAND	1, 2		KLUD	DECATUR	TX (US)
DP	DALLAS	1, 2		KDTO	DENTON	TX (US)
DP	GARLAND	1, 2		KDTO	DENTON	TX (US)
DP	GARLAND	1, 2		F41	ENNIS	TX (US)
DP	GARLAND	1, 2		50F	FORT WORTH	TX (US)
DP	DALLAS	1, 2		KAFW	FORT WORTH	TX (US)
DP	GARLAND	1, 2		KAFW	FORT WORTH	TX (US)
DP	DALLAS	1, 2		KFTW	FORT WORTH	TX (US)
DP	GARLAND	1, 2		KFTW	FORT WORTH	TX (US)
DP	DALLAS	1, 2		KFWS	FORT WORTH	TX (US)
DP	GARLAND	1, 2		KFWS	FORT WORTH	TX (US)
DP	DALLAS	1, 2		KNFW	FORT WORTH	TX (US)
DP	GARLAND	1, 2		KNFW	FORT WORTH	TX (US)
DP	DALLAS	1, 2		KGPM	GRAND PRAIRIE	TX (US)
DP	GARLAND	1, 2		KGPM	GRAND PRAIRIE	TX (US)
DP	DALLAS	1, 2		KLNC	LANCASTER	TX (US)
DP	GARLAND	1, 2		KLNC	LANCASTER	TX (US)
DP	DALLAS	1, 2		KHQZ	MESQUITE	TX (US)
DP	GARLAND	1, 2		KHQZ	MESQUITE	TX (US)
DP	GARLAND	1, 2		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
DP	GARLAND	1, 2		F46	ROCKWALL	TX (US)
DP	GARLAND	1, 2		KWEA	WEATHERFORD	TX (US)
IAP	ILS OR LOC RWY 13L	1, 2, 3	1, 4	KDAL	DALLAS	TX (US)
IAP	ILS RWY 13L (SA CAT I)	1, 2, 3	1, 4	KDAL	DALLAS	TX (US)
IAP	ILS RWY 13L (SA CAT II)	1, 2, 3	1, 4	KDAL	DALLAS	TX (US)

IAP	RNAV (GPS) Z RWY 13L		2	KDAL	DALLAS	TX (US)
IAP	ILS OR LOC RWY 31R	1, 3	1, 4	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 31R (CONVERGING)	1, 3	1, 4	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 31R (SA CAT I)	1, 3	1, 4	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 31R (SA CAT II)	1, 3	1, 4	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) Y RWY 31R		2	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (RNP) Z RWY 31R		2	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 31		3	KLNC	LANCASTER	TX (US)

REQUIRED CHARTING: DP, IAP, AREA, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17 **DATE OF REVISION:** 12/26/2024

REASON FOR REVISION:
1. FIX MAKE-UP FACILITIES: UPDATED FAC 1 (TTT VOR/DME) CLASS FROM H TO VH.
2. FIX USE AT KDAL, DELETED SPECIAL IAPS: ILS Z OR LOC Z RWY 13L, ILS Z RWY 13L (SA CAT I), AND ILS Z RWY 13L (SA CAT II).
3. FIX USE AT KDAL: CHANGED ILS Y OR LOC Y RWY 13L TO ILS OR LOC RWY 13L.
4. FIX USE AT KDAL: CHANGED ILS Y RWY 13L (SA CAT I) TO ILS RWY 13L (SA CAT I).
5. FIX USE AT KDAL: CHANGED ILS Y RWY 13L (SA CAT II) TO ILS RWY 13L (SA CAT II).
6. FIX USE AT KDFW: CHANGED CONVERGING ILS RWY 31R TO ILS RWY 31R (CONVERGING).
7. REQUIRED CHARTING: DELETED SPECIAL IAP.

HOLDING PATTERN ASSOCIATION UNP,12/26/2024 DELETED

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** RICHARD BRUCE

APPROVED BY: **DATE:** 12/26/2024 **OFFICE:** AJV-A420 **NAME:** DAVID DANNER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TSKED **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 325223.51N/0965230.95W **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	DIST FROM FAC FEET	MRA	MAA
1	DALLAS	I-DAL	LOC/DME		312.63	315.63	2.80	2.84		720	4900
2	MAVERICK	TTT	VOR/DME	VH	082.30	088.30	8.35	8.35		720	4900

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
DALLAS (FAC 1) AND MAVERICK (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 13L	1, 2		KDAL	DALLAS	TX (US)
IAP	RNAV (GPS) Z RWY 13L			KDAL	DALLAS	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 12/26/2024

REASON FOR REVISION:
1. FIX MAKE-UP FACILITIES: CHANGED MAVERICK (FAC 2) CLASS FROM H TO VH.
2. REMARKS: ADDED MAVERICK (FAC 2) TO FACILITIES USED TO ESTABLISH FIX COORDINATES.
3. REMARKS: DELETED "I-DAL DME COORDINATES: 325026.0500N-0965008.0500W".
4. FIX USE AT KDAL: DELETED SPECIAL ILS Z OR LOC Z RWY 13L.
5. FIX USE AT KDAL: CHANGED ILS Y OR LOC Y RWY 13L TO ILS OR LOC RWY 13L.
6. REQUIRED CHARTING: DELETED SPECIAL IAP.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** RICHARD BRUCE

APPROVED BY: **DATE:** 12/26/2024 **OFFICE:** AJV-A420 **NAME:** CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WADES **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 330042.44N/0970210.86W **TYPE:** WP, RADAR, 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	DIST FROM FAC FEET	MRA	MAA
1	DALLAS	I-DAL	LOC/DME		312.63	315.63	14.42	14.46		2500	4900
2	MAVERICK	TTT	VOR/DME	VH	355.41	001.41		8.54		2500	4900

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
DALLAS (FAC 1) AND MAVERICK (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 13L	1, 2		KDAL	DALLAS	TX (US)
IAP	ILS RWY 13L (SA CAT I)	1, 2		KDAL	DALLAS	TX (US)
IAP	ILS RWY 13L (SA CAT II)	1, 2		KDAL	DALLAS	TX (US)
IAP	RNAV (GPS) Z RWY 13L			KDAL	DALLAS	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 03/19/2026

REASON FOR REVISION:
ADDED RADAR TO FIX TYPE.

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

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

APPROVED BY: **DATE:** 02/12/2026 **OFFICE:** AJV-A432 **NAME:** CASIMIR TABAKA

SIGNATURE: