

RADIO FIX AND HOLDING DATA RECORD

NAME: MAPDD

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 320155.30N/1020630.04W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	MIDLAND	MAF	VORTAC	L	061.00	072.00	4.40	4.40		3280	4500

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1		KMDD	MIDLAND	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/25/2011

REASON FOR REVISION:

CHANGED FIX TYPE TO DME FROM CNF.
UPDATED FIX USE.
ADDED FAC 1 DATA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/23/2011

OFFICE: AJV-353

NAME: DONALD LANIER

Digitally signed by

APPROVED BY:

DATE: 04/09/2026

OFFICE: AJV-A431

NAME: CASEY HILL

CASEY D HILL

Feb 23, 2026

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: MAF APP CON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: MERGE

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 321706.22N/1020846.50W

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	MIDLAND	MAF	VORTAC	L	356.74	007.74	16.66	16.66		4400	17500
2	BIG SPRING	BGS	VORTAC	VL	249.04	260.04		34.22		4400	17500

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 ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N	MAF	VORTAC	356.74	176.74	L	1		4500	6000	7	7
2	N	MAF	VORTAC	356.74	176.74	L	1-1 1/2		4800	17500	15	22

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-013424)	321741.81N/1021007.13W	3320	2C
2	310	TOWER (48-004448)	322345.23N/1015721.31W	3640	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING PAT 1 USED FOR CAT A-D PROCEDURES, PAT 2 USED FOR PROCEDURES WITH CAT E.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V16	1, 2				(US)
EN ROUTE	V81	1, 2	1			(US)
IAP	RNAV (GPS) RWY 34			KLUV	LAMESA	TX (US)
IAP	HI-VOR OR TACAN RWY 34L	1, 2	2	KMAF	MIDLAND	TX (US)
IAP	VOR OR TACAN RWY 34L	1, 2	2	KMAF	MIDLAND	TX (US)
IAP	RNAV (GPS) RWY 20			KODO	ODESSA	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 05/14/2026

REASON FOR REVISION:

1. FAC 2 (BGS) CLASS CHANGED FROM "H" TO "VL".
2. FIX USE: REMOVED VOR-A AND VOR RWY 25 AT KMDD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TIMOTHY JOHNSON

APPROVED BY:

DATE: 04/09/2026

OFFICE: AJV-A431

NAME: CASEY HILL

Digitally signed by

CASEY D HILL

Feb 23, 2026

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 320033.64N/1021125.40W 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	MIDLAND	MAF	VORTAC	L							17500

HOLDING: HOLDING TYPE OF ACTION: CANCEL

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE	MAF	VORTAC	051.14	231.14	L	1		5000	6000	5	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-000685)	315730.00N/1020401.00W	3287	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FACILITY MAGVAR: E11/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V546					(US)
EN ROUTE	V66					(US)
EN ROUTE	V68					(US)
EN ROUTE	V81					(US)
EN ROUTE	V94					(US)
IAP	HI-VOR OR TACAN RWY 16R			KMAF	MIDLAND	TX (US)
IAP	HI-VOR OR TACAN RWY 34L			KMAF	MIDLAND	TX (US)
IAP	ILS OR LOC RWY 10			KMAF	MIDLAND	TX (US)
IAP	VOR OR TACAN RWY 16R			KMAF	MIDLAND	TX (US)
IAP	VOR OR TACAN RWY 34L			KMAF	MIDLAND	TX (US)
IAP	VOR RWY 25			KMDD	MIDLAND	TX (US)
IAP	VOR-A			KMDD	MIDLAND	TX (US)
IAP	VOR-A		1	KODO	ODESSA	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

CONTROLLING OBSTRUCTIONS: REMOVED UNPLANNED HOLDING AND ALL ASSOCIATED NOTES.
HOLDING RESTRICTIONS: ADDED HOLDING LIMITED TO ESTABLISHED PATTERN(S).
FIX USE: REMOVED DP ALISS (RNAV) AT KSAT AND KSSF.
FIX USE: CHANGED NAME OF IAP HI-VOR/DME OR TACAN RWY 16R AND 34L TO HI-VOR OR TACAN RWY 16R AND 34L AT KMAF.
FIX USE: CHANGED NAME OF IAP VOR/DME OR TACAN RWY 34L TO VOR OR TACAN RWY 34L AT KMAF.
FIX USE: CHANGED NAME OF IAP VOR/DME RWY 25 TO VOR RWY 25 AT KMDD.
CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.
REPORTING POINT: CHANGED FROM LOW TO NO.

INITIATED BY: DATE: ORGANIZATION: NAME: Digitally signed by

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A442 NAME: TARA MARTINELLI CASEY D HILL
Feb 23, 2026

APPROVED BY: DATE: 04/09/2026 OFFICE: AJV-A431 NAME: CASEY HILL

SIGNATURE:

QUALITY
10
CHECKED