

RADIO FIX AND HOLDING DATA RECORD

NAME: ACIRA **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 415634.58N/0833425.80W **TYPE:** WP, RADAR, 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	FAC FEET	MRA	MAA
1	DETROIT	I-HJT	LOC/DME		215.68	208.68	19.52	19.52		4000	6400

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-HJT	LOC/DME	R-216	20	4000	6400

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

REMARKS:

ADDITIONAL ESV INFO: I-HJT GS R-216/18 4000-6400, I-HJT DME R-216/20 4000-6400.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS PRM Z RWY 4L (CAT II & III)(CLOSE PARALLEL)	1		KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CLOSE PARALLEL)	1		KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 4L	1		KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 4L (CAT II & III)	1		KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Z RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) W RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) X RWY 4L			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 01/03/2019

REASON FOR REVISION:

ADDED RNAV (GPS) Z RWY 4L TO FIX USE

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-5422 **NAME:** AUSTIN GOTCHER

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: DTW APP CON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: ASLLI

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415920.12N/0833225.05W

TYPE: WP, RADAR, 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	FAC FEET	MRA	MAA
1	DETROIT	I-HJT	LOC/DME		215.68	208.68	16.38	16.38		3000	5400

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-HJT	LOC/DME	R-216	17	5100	5400

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ADDITIONAL ESV INFO: I-HJT GS R-216/15 3000-5400, I-HJT DME R-216/17 5100-5400.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS PRM Z RWY 4L (CAT II & III)(CLOSE PARALLEL)	1		KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CLOSE PARALLEL)	1		KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 4L	1		KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 4L (CAT II & III)	1		KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Z RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) W RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) X RWY 4L			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED RNAV (GPS) Z RWY 4L TO FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: DTW APP CON
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DOHNT

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421812.54N/0834130.41W

TYPE: WP, RADAR, 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	DETROIT	DXO	VOR/DME	H	296.62	290.62	15.47	15.47		4000	6000
2	SALEM	SVM	VORTAC	L	217.65	214.65	7.66	7.66		4000	6000
3	CARLETON	CRL	VOR/DME	H	328.79	325.79	18.54	18.54		4000	6000
4	JACKSON	JXN	VOR/DME	L	090.30	085.30	34.25	34.25		4000	6000

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		WP	297.62	117.62	R		4	4000	6000	5	14
2	NW	DXO	VOR/DME	116.62	116.62	R	1		4000	6000	5	6
3	W	JXN	VOR/DME	090.30	090.30	R	1		4000	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001919)	421747.00N/0835301.00W	1408	5D
1	310	TOWER (26-000991)	422225.60N/0840410.22W	1987	1A
2	200	TOWER (26-001919)	421747.00N/0835301.00W	1408	5D
3	200	TOWER (26-001919)	421747.00N/0835301.00W	1408	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) Z RWY 22R	KDTW	DETROIT	MI (US)

REMARKS:

DETROIT (FAC 1) AND SALEM (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS PRM Y RWY 22R (CLOSE PARALLEL)	1, 2	2	KDTW	DETROIT	MI (US)
IAP	ILS PRM Y RWY 22R (CLOSE PARALLEL) (ALT MA)	3, 4	3	KDTW	DETROIT	MI (US)
IAP	ILS PRM Y RWY 4L (CLOSE PARALLEL)	1, 2	2	KDTW	DETROIT	MI (US)
IAP	ILS PRM Y RWY 4L (CLOSE PARALLEL) (ALT MA)	3, 4	3	KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 22R (SA CAT I & II)(CLOSE PARALLEL) (ALT MA)	3, 4	3	KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 22R (SA CAT I & II)(CLOSE PARALLEL)	1, 2	2	KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CAT II & III)(CLOSE PARALLEL)	1, 2	2	KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CAT II & III)(CLOSE PARALLEL)(ALT MA)	3, 4	3	KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CLOSE PARALLEL)	1, 2	2	KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CLOSE PARALLEL)(ALT MA)	3, 4	3	KDTW	DETROIT	MI (US)
IAP	ILS Y RWY 22R	1, 2	2	KDTW	DETROIT	MI (US)
IAP	ILS Y RWY 22R (ALT MA)	3, 4	3	KDTW	DETROIT	MI (US)
IAP	ILS Y RWY 4L	1, 2	2	KDTW	DETROIT	MI (US)
IAP	ILS Y RWY 4L (ALT MA)	3, 4	3	KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 22R	1, 2	2	KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 22R (ALT MA)	3, 4	3	KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 4L	1, 2	2	KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 4L (ALT MA)	3, 4	3	KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 22R (SA CAT I & II)	1, 2	2	KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 22R (SA CAT I & II) (ALT MA)	3, 4	3	KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 4L (CAT II & III)	1, 2	2	KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 4L (CAT II & III) (ALT MA)	3, 4	3	KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) PRM Y RWY 22R (CLOSE PARALLEL)		1	KDTW	DETROIT	MI (US)

QUALITY
16
CHECKED

IAP	RNAV (GPS) PRM Y RWY 4L (CLOSE PARALLEL)	1	KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Y RWY 22R	1	KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Y RWY 4L	1	KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Z RWY 22R	1	KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Z RWY 4L	1	KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) PRM U RWY 22R	1	KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) PRM U RWY 4L		KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) U RWY 22R	1	KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) U RWY 4L		KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) W RWY 22R	1	KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) W RWY 4L	1	KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) X RWY 22R	1	KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) X RWY 4L	1	KDTW	DETROIT	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED RNAV (GPS) Z RWY 4L TO FIX USE.
 ADDED RNAV (GPS) Z RWY 22R TO FIX USE.
 ADDED 310 HOLDING FOR PATTERN 1 DUE TO CLIMB IN HOLD REQUIRED.
 CLIMB IN HOLD EVALUATED TO 6000.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5420

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
 FPO: CEN
 ARTCC: ZOB
 ATC FACILITY: DTW APP CON, METRO TOWER
 OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: GRBAC

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420126.07N/0834407.38W

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	ILS PRM Y RWY 4L (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CAT II & III)(CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	ILS Y RWY 4L			KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 4L			KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 4L (CAT II & III)			KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) PRM Y RWY 4L (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Y RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Z RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) PRM U RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) U RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) X RWY 4L			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED RNAV (GPS) Z RWY 4L TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: DTW APP CON, METRO TOWER
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HIPKA

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421033.03N/0832412.11W

TYPE: WP, 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 NM	FAC FEET	MRA	MAA
1	DETROIT	I-HJT	LOC/DME		215.68	208.68	3.61	3.61		1160	2000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DME L/L 421341.92N-0832148.73W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Z OR LOC RWY 4L	1		KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) RWY 4L			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED RNAV (GPS) RWY 4L TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: DTW APP CON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: HURRT

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415357.45N/0834008.62W

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	ILS PRM Y RWY 4L (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CAT II & III)(CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	ILS Y RWY 4L			KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 4L			KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 4L (CAT II & III)			KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) PRM Y RWY 4L (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Y RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Z RWY 4L			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED RNAV (GPS) Z RWY 4L TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZDV
ATC FACILITY: DTW APP CON, METRO TOWER
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MMOTT

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415659.97N/0833757.77W

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
IAP	ILS PRM Y RWY 4L (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CAT II & III)(CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	ILS Y RWY 4L			KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 4L			KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 4L (CAT II & III)			KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) PRM Y RWY 4L (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Y RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Z RWY 4L			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED RNAV (GPS) Z RWY 4L TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: DTW APP CON, METRO TOWER
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NATIY

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420301.48N/0832943.26W

TYPE: WP, RADAR, 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	FAC FEET	MRA	MAA
1	DETROIT	I-HJT	LOC/DME		215.68	208.68	12.18	12.18		3000	5100

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-HJT	LOC/DME	R-216	11	3000	5100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ESV IS FOR I-HJT GS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS PRM Z RWY 4L (CAT II & III)(CLOSE PARALLEL)	1		KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CLOSE PARALLEL)	1		KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 4L	1		KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 4L (CAT II & III)	1		KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Z RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) W RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) X RWY 4L			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED RNAV (GPS) Z RWY 4L TO FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: DTW APP CON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: NBSTN

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415444.17N/0833546.24W

TYPE: WP, RADAR, 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	FAC FEET	MRA	MAA
1	DETROIT	I-HJT	LOC/DME		215.68	208.68	21.62	21.62		4000	7000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-HJT	LOC/DME	R-216	22	4000	7000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ADDITIONAL ESV INFO: I-HJT GS R-216/20 4000-7000, I-HJT DME R-216/22 4000-7000.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS PRM Z RWY 4L (CAT II & III)(CLOSE PARALLEL)	1		KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CLOSE PARALLEL)	1		KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 4L	1		KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 4L (CAT II & III)	1		KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Z RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) W RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) X RWY 4L			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED RNAV (GPS) Z RWY 4L TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: DTW APP CON
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PAYED

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420832.84N/0832540.40W

TYPE: WP, RADAR, 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 NM	FAC FEET	MRA	MAA
1	DETROIT	I-HJT	LOC/DME		215.68	208.68	5.90	5.89	35812	2000	5100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS PRM Z RWY 4L (CAT II & III)(CLOSE PARALLEL)	1		KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CLOSE PARALLEL)	1		KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 4L	1		KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 4L (CAT II & III)	1		KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Z RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) W RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) X RWY 4L			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED RNAV (GPS) Z RWY 4L TO FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: DTW APP CON
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: REGGE

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420547.18N/0832741.91W

TYPE: WP, RADAR, 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 NM	FAC FEET	MRA	MAA
1	DETROIT	I-HJT	LOC/DME		215.68	208.68	9.04	9.04		3000	5100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS PRM Z RWY 4L (CAT II & III)(CLOSE PARALLEL)	1		KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CLOSE PARALLEL)	1		KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 4L	1		KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 4L (CAT II & III)	1		KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Z RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) W RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) X RWY 4L			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED RNAV (GPS) Z RWY 4L TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: DTW APP CON
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SYKOE

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415641.15N/0834736.12W

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	ILS PRM Y RWY 4L (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CAT II & III) (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	ILS PRM Z RWY 4L (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	ILS Y RWY 4L			KDTW	DETROIT	MI (US)
IAP	ILS Z OR LOC RWY 4L			KDTW	DETROIT	MI (US)
IAP	ILS Z RWY 4L (CAT II & III)			KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) PRM Y RWY 4L (CLOSE PARALLEL)			KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Y RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (GPS) Z RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) PRM U RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) U RWY 4L			KDTW	DETROIT	MI (US)
IAP	RNAV (RNP) X RWY 4L			KDTW	DETROIT	MI (US)
STAR	LECTR (RNAV)			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED RNAV (GPS) Z RWY 4L TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZOB

ATC FACILITY: DTW APP CON, METRO TOWER

OTHER:

QUALITY
16
CHECKED