NAME: MCART			STATE:	COUNTRY: CA	ICAO REGION CODE: CY			
LATITUDE/LONGITUDE: 421726.01N/0825327.61W			TYPE: WP					
AIRSPACE DOCK	ET:	FIX TYPE OF ACTION: ESTABLISH						
HOLDING:		HOLDING TYPE OF ACTION:						
FIX USE: USE TYPE DP	USE TITLE HHOWE (RNAV)	FAC PAT	airport ident KDTW	CITY DETROIT	STATE MI (US)			
REQUIRED CHARTING: DP								
COMPULSORY REPORTING POINT: NO								
RECORD REVISIO	ON NUMBER: ORIG	DATE OF REVISION: 0	DATE OF REVISION: 08/15/2019					
INITIATED BY:	DATE:	ORGANIZATION:	I	NAME:				
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431		NAME: MICHAEL CURRAN				
APPROVED BY:	DATE: 06/28/2019	OFFICE: AJV-	A430 I	NAME: LONNIE EVERHART				
	SIGNATURE:							
DISTRIBUTION:	NFDC FPO: CEN ARTCC: ZOB							

ARTCC: ZOB ATC FACILITY: OTHER:

NAME: PLYOF			STATE:	COUNTRY: CA	ICAO REGION CODE: CY		
LATITUDE/LONGITUDE: 421827.96N/0825936.51W			TYPE: WP				
AIRSPACE DOCKET:		FIX TYPE OF ACTION	ON: ESTABLISH				
HOLDING:		HOLDING TYPE OF ACTION:					
FIX USE: USE TYPE DP	USE TITLE HHOWE (RNAV)	FAC PAT	AIRPORT IDENT KDTW	CITY DETROIT	STATE MI (US)		
REQUIRED CHARTING: DP							
COMPULSORY REPORTING POINT: NO							
RECORD REVISIO	N NUMBER: ORIG	DATE OF REVISION: 08/15/2019					
INITIATED BY:	DATE:	ORGANIZATION:		NAME:			
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431		NAME: MICHAEL CURRAN			
APPROVED BY:	DATE: 06/28/2019	OFFICE: AJV	A430	NAME: LONNIE EVERHART			
	SIGNATURE:						
DISTRIBUTION:	NFDC FPO: CEN ARTCC: ZOB ATC FACILITY: OTHER:						

RADIO FIX AND HOLDING DATA RECORD NAME: SUURF STATE: MI COUNTRY: US ICAO REGION CODE: K5 LATITUDE/LONGITUDE: 420657.51N/0830837.76W TYPE: WP AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH HOLDING: HOLDING TYPE OF ACTION: FIX USE: USE TITLE HHOWE (RNAV) TRMML (RNAV) ZETTR (RNAV) USE TYPE **AIRPORT IDENT** CITY STATE FAC PAT DETROIT MI (US) MI (US) KDTW DP KDTW DETROIT DP KDTW DETROIT MI (US) REQUIRED CHARTING: DP COMPULSORY REPORTING POINT: NO RECORD REVISION NUMBER: ORIG DATE OF REVISION: 07/19/2018 **REASON FOR REVISION:** 03/09/18: THIS IS AN UPDATED COPY OF THE DOCUMENT DEVELOPED ON 12/04/17. JH 1. CHANGED GGIBY (RNAV) DP TO TRMML (RNAV) DP. INITIATED BY: ORGANIZATION: DATE: NAME: **DEVELOPED BY:** DATE: 12/06/2017 OFFICE: AJV-5422 NAME: LUCAS MCCLOUD APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN SIGNATURE: **DISTRIBUTION:** NFDC FPO: CEN ARTCC: ZOB ATC FACILITY: OTHER:

RADIO FIX AND HOLDING DATA RECORD NAME: USSIE STATE: MI COUNTRY: US ICAO REGION CODE: K5 LATITUDE/LONGITUDE: 420556.34N/0831427.74W TYPE: WP AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH HOLDING: HOLDING TYPE OF ACTION: FIX USE: USE TITLE HHOWE (RNAV) TRMML (RNAV) ZETTR (RNAV) USE TYPE **AIRPORT IDENT** CITY STATE FAC PAT DETROIT MI (US) MI (US) KDTW KDTW DP DETROIT DP KDTW DETROIT MI (US) REQUIRED CHARTING: DP COMPULSORY REPORTING POINT: NO RECORD REVISION NUMBER: ORIG DATE OF REVISION: 07/19/2018 **REASON FOR REVISION:** 03/09/18: THIS IS AN UPDATED COPY OF THE DOCUMENT DEVELOPED ON 12/04/17. JH 1. CHANGED GGIBY (RNAV) DP TO TRMML (RNAV) DP. INITIATED BY: ORGANIZATION: DATE: NAME: **DEVELOPED BY:** DATE: 12/06/2017 OFFICE: AJV-5422 NAME: LUCAS MCCLOUD APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN SIGNATURE: **DISTRIBUTION:** NFDC FPO: CEN ARTCC: ZOB ATC FACILITY: OTHER:

NAME: WINRS				STATE: MI	COUNTRY: US	ICAO REGION CODE: K5		
LATITUDE/LONGITUDE: 420542.02N/0832002.39W				TYPE: WP				
AIRSPACE DOCKET:		FIX TYPE OF ACTION		N: MODIFY				
HOLDING: HOLDING TYPE OF ACTION: NO CHANGE								
FIX USE: USE TYPE DP DP DP	USE TITLE HHOWE (RNAV) TRMML (RNAV) ZETTR (RNAV)	FAC	ΡΑΤ	Airport ident Kdtw Kdtw Kdtw Kdtw	CITY DETROIT DETROIT DETROIT	STATE MI (US) MI (US) MI (US)		
REQUIRED CHAR	REQUIRED CHARTING: DP							
COMPULSORY RE	COMPULSORY REPORTING POINT: NO							
RECORD REVISION NUMBER: 1 DATE OF REVISION: 08/15			3/15/2019					
REASON FOR REVISION: FIX MOVED 1.2 NM SOUTH TO REDUCE DRIFT ON INITIAL CLIMBOUT.								
INITIATED BY:	DATE:	ORGANIZATION:		I	NAME:			
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431		I	NAME: MICHAEL CURRAN			
APPROVED BY:	DATE: 06/28/2019	OFFIC	E: AJV-A	430 I	NAME: LONNIE EVER	HART		
	SIGNATURE:							
DISTRIBUTION:	NFDC FPO: CEN ARTCC: ZOB ATC FACILITY:							

ATC FACILITY: OTHER:

NAME: WNNGZ				STATE: MI	COUNTRY: US	ICAO REGION CODE: K5	
LATITUDE/LONGITUDE: 422003.77N/0831037.55W				TYPE: WP			
AIRSPACE DOCKET: FIX TYPE O			ACTION	I: MODIFY			
HOLDING: HOLDING TYPE OF ACTION: NO CHANGE							
FIX USE: USE TYPE DP DP	USE TITLE HHOWE (RNAV) PAVYL (RNAV)	FAC	ΡΑΤ	AIRPORT IDENT KDTW KDTW	CITY DETROIT DETROIT	STATE MI (US) MI (US)	
REQUIRED CHARTING: DP							
COMPULSORY REPORTING POINT: NO							
RECORD REVISION NUMBER: 1 DATE OF REVISION:			ION: 08/	/15/2019			
REASON FOR REVISION: FIX MOVED 0.85 NM NORTHEAST TO DECONFLICT FROM OTHER PROCEDURES.							
INITIATED BY:	DATE:	ORGANIZATION:		I	NAME:		
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431		I	NAME: MICHAEL CURRAN		
APPROVED BY:	DATE: 06/28/2019	OFFICE: AJV-		A430 NAME: LONNIE EVE		ART	
	SIGNATURE:						
DISTRIBUTION:	NFDC FPO: CEN ARTCC: ZOB ATC FACILITY: OTHER:						