

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
CRUXX	SIX	CRUXX.CRUXX6	FIVE	07/24/2014	04/27/2017

TRANSITION ROUTES:

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
DAYTON	DQN.CRUXX6	DQN VOR/DME	DQN VOR/DME						
			ROTER	359.83 (DQN R-360)	69.92	10000			
			DEEBE	359.83 & 003.79 (DQN R-360 & JXN R-184)	30.52	10000			
			EMLYN	044.04 (FWA R-044)	11.42	7500			
			CRUXX	044.04 (FWA R-044)	10.00	7500			
FORT WAYNE	FWA.CRUXX6	FWA VORTAC	FWA VORTAC						
			GAREN	022.21 (FWA R-022)	19.49	7500			
			MODEM	022.21 (FWA R-022)	27.31	7500			
			JAELO	073.50 (DXO R-254)	26.76	7500			
			CRUXX	073.50 (DXO R-254)	10.00	7500			
LITCHFIELD	LFD.CRUXX6	LFD VOR/DME	LFD VOR/DME						
			LUKSS	106.07 (LFD R-106)	18.31	7500			
			CRUXX	106.07 (LFD R-106)	10.00	7500			

ARRIVAL ROUTE DESCRIPTION:

...AIRCRAFT LANDING Y47, PTK, OZW, ONZ, 1D2, TTF, VLL: FROM OVER CRUXX ON 025 HEADING.



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...AIRCRAFT LANDING YIP OR ARB: FROM OVER CRUXX ON 050 HEADING.

EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: DME REQUIRED.
NOTE: RADAR REQUIRED.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT: ROTER HOLD S, RT, 359.83 INBOUND; GAREN HOLD S, RT 022.21 INBOUND; CRUXX HOLD SW, RT 044.04 INBOUND.

COMMUNICATIONS:

DETROIT APP CON, PONTIAC ATIS, DETROIT CITY ATIS, WINDSOR ATIS, WILLOW RUN ATIS, ANN ARBOR ATIS.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
OAKLAND COUNTY INTL	PONTIAC	MI
ANN ARBOR MUNI	ANN ARBOR	MI
WILLOW RUN	DETROIT	MI
GROSSE ILE MUNI	DETROIT/GROSSE ILE	MI
LIVINGSTON COUNTY SPENCER J HARDY	HOWELL	MI
CUSTER	MONROE	MI
OAKLAND SOUTHWEST	NEW HUDSON	MI
CANTON-PLYMOUTH-METTETAL	PLYMOUTH	MI



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OAKLAND/TROY

TROY

MI

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

THIS AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.

ADDITIONAL FLIGHT DATA:

CHART: COP DQN R-360 80 DME & JXN R-184 55 DME.

FLIGHT INSPECTED BY:

NO FLIGHT CHECK REQUIRED

ROBERT STUCKERT

ORGANIZATION:

FIOG

DATE:

5/5/2014

Flight Inspected Signature:

Digitally signed by

DANIEL D OLSON

Jan 27, 2017

DEVELOPED BY:

DUSTIN DAVIDSON

AJV-5422

12/30/2016

Developed By Signature:

DUSTIN RYAN DAVIDSON

Digitally signed by DUSTIN RYAN DAVIDSON
Date: 2016.12.30 10:33:17 -06'00'

APPROVED BY:

JULIE MORGAN

AJV-5420

Approved By Signature:

Digitally signed by

DANIEL D OLSON

Jan 27, 2017

CHANGES:

1. FWA VORTAC RADIALS TO GAREN AND MODEM CHANGED FROM R-016 TO R-022.
2. GAREN HOLD INBOUND/OUTBOUND CHANGED FROM 016/196 TO 022/202.
3. FWA VORTAC RADIALS TO DEEBE, EMLYN, AND CRUXX CHANGED FROM R-038 TO R-044.
4. CRUXX HOLD INBOUND/OUTBOUND CHANGED FROM 038/218 TO 044/224.
5. REMOVED MEYER-DIVER'S (K3TE) AIRPORT.

REASONS:

- 1-4. FWA MAGVAR SHIFT FROM 0W TO 6W EFFECTIVE 04/27/2017.
5. PER FPT. IFR SERVICES BEING TERMINATED.

