

RNAV

**U.S. DEPARTMENT OF TRANSPORTATION --
FEDERAL AVIATION ADMINISTRATION -- FLIGHT STANDARDS SERVICE
COPTER SPECIAL INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

When the instrument approach procedure of the above type is conducted at the below named airport, it must be conducted in accordance with a charted instrument approach procedure prodcated on the specifications contained herein and as specified on accompanying FAA 8260-7B (as amended). Minimum altitudes must correspond with those established for en route operation in the particular area or as set forth below. The information on this form is considered public and subject to disclosure under the Freedom of Information Act (FOIA).

SPECIFICATION - NOT FOR COCKPIT USE

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: LNAV: YUMVY
UPRIW (IAF) (40E)(43A)	OKICY (TF)(FB)(40E)(43B)	096.95 / 3.00	2400	CLIMBING LEFT TURN TO 2800 DIRECT ZIZKO AND HOLD.
ZIZKO (IAF) (40E)(43A)	OKICY (TF)(FB)(40E)(43C)	277.05 / 3.00	2400	
OKICY (IF) (40E)(43B)	EMISE (TF)(FB)(40E)(43F)	187.00 / 3.00	1900	
EMISE (FAF) (40E)(43F)	MSIPI/0.60 NM TO YUMVY (TF)(FB)(40E)(42S)	187.00 / 1.40		
(SEE FORM 8260-10)				

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)		ADDITIONAL FLIGHT DATA: HOLD SW, RT, 037.97 INBOUND. FAS OBST: 920 AAO 422517N/0832451W CHART 960 TOWER 422337N/0832218W. CHART 1750 TOWER 422901N/0831844W. ST MARY MERCY HOSPITAL, 2MI2, 674, 191.58/0.87 ROUTE TYPE: A, R
2. PROFILE STARTS AT OKICY		
3. FAC: <u>187.00</u> FAF: EMISE DIST FAF TO MAP: <u>2.00</u> THLD: _____		
4. MIN. ALT: OKICY 2400, EMISE 1900, MSIPI/0.60 NM TO YUMVY 1280		
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____		
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____		
7. GS ANGLE: _____ TCH: _____		
8. MSA FROM: YUMVY 2800		

MINIMUMS															
TAKEOFF: SEE FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		X						
CATEGORY =====>	COPTER														
	DH/MDA	VIS	HAS	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1200	3/4	461												

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEED VFR FROM YUMVY OR CONDUCT THE SPECIFIED MISSED APPROACH.
CHART PLANVIEW NOTE: LIMIT FINAL AND MISSED APPROACH TO 70 KIAS.
CHART PLANVIEW NOTE: INCREASE TO 90 KIAS UPON REACHING MISSED APPROACH ALTITUDE. MAINTAIN 90 KIAS IN HOLDING.
CHART PLANVIEW NOTE: LIMIT INITIAL AND INTERMEDIATE APPROACH TO 90 KIAS.

CITY AND STATE LIVONIA, MI	SURFACE ELEVATION: 739 AIRPORT NAME: ST MARY MERCY HOSPITAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: COPTER RNAV (GPS) 187, AMDT 1	SUP: COPTER GPS 187
				AMDT: 4 ORIG
				DATED: 05/11/1999

ADDITIONAL FLIGHT DATA/NOTES CONTINUED: NOTES, (CONT.): CHART NOTE: USE OF ST MARY MERCY HOSPITAL HELIPORT REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS. CHART NOTE: USE DETROIT METRO WAYNE COUNTY ALTIMETER SETTING.		
SUBMITTED BY		
NAME:	OFFICE	DATE:
FLIGHT CHECKED BY		
NAME:	OFFICE	DATE:
DEVELOPED BY		
NAME:	<i>Digitally signed by</i> HERMAN C. ROGERS	OFFICE AJV-5433
		DATE: 08/20/2015
RECOMMENDED BY		
NAME:	GEORGE GONZALEZ MANAGER	OFFICE AJV-5420
		DATE:
APPROVED BY		
		DATE:
CHANGES: 1. CHANGED PROCEDURE NAME FROM COPTER GPS 187 TO COPTER RNAV (GPS) 187. 2. CHANGED MISSED APPROACH HOLDING ALTITUDE FROM 2700 TO 2800. 3. CHANGED MISSED APPROACH HOLDING INBOUND COURSE FOM 038 TO 037.97. 4. CHANGED FAS OBST FROM 798 TREE TO 920 AAO. 5. UPDATE COURSE/DIST FROM MAP TO HELIPORT. 6. NAMED STEPDOWN FIX. 7. INCREASED MDA/HAS FROM 1080/364 TO 1200/461 AND LOWERED VIS FROM 7/8 TP 3/4. 8. CHANGED PROCEED VISUAL NOTE TO READ PROCEED VFR FROM YUMVY OR CONDUCT THE SPECIFIED MISSED APPROACH. 9. DELETED NOTES "ARM APPROACH MODE 30NM PRIOR TO YUMVY" AND "SPECIAL AIRCREW CERTIFICATION REQUIRED". 10. ADDED NOTES, "INCREASE TO 90 KIAS UPON REACHING MISSED APPROACH ALTITUDE. MAINTAIN 90 KIAS IN HOLDING" AND "LIMIT INITIAL AND INTERMEDIATE APPROACH TO 90 KIAS". 11. ADDED NOTE, USE OF ST MARY MERCY HOSPITAL HELIPORT REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA (SEE FORM 8260-10)		
REASONS: 1. IAW 8260.3B, PARA 1105(B). 2. NEW OBSTACLE DATA. 3. CHANGED TO MATCH UNROUNDED COURSE ON THE -2. 4. ADDED AAO IN FINAL TO MEET CURRENT CRITERIA. 5. HELIPORT WAS RELOCATED TO THE OTHER SIDE OF THE HOSPITAL. 6. IAW 8260.19F, 2-10-5(A)(2). 7. NEW FAS OBST (AAO) AND 8260.42B, CHAPT 7 PARA 1(2)(D). 8. PROCEED VISUAL APPROACH REQUIRES A GOOD SURVEY, NO SURVEY ON THIS ONE. 9. NOT REQUIRED BY THE 8260.19F. 10/11. IAW 8260.19F, 8-8-3, (2)(G)(1).		



COPTER SPECIAL INSTRUMENT APPROACH PROCEDURE --
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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MSIP/0.60 NM TO YUMVY (40E)(42S)	YUMVY (TF)(FO)(40E)(43E)	187.00 / .60	
YUMVY (MAP) (40E)(41Y)(43M)	1200 MSL (CA)(42M)	187.00	
1200 MSL	ZIZKO (DF)(FO)(40E)(41B)(43H)		2800

CITY AND STATE

LIVONIA, MI

SURFACE ELEVATION: 739

AIRPORT NAME:

ST MARY MERCY HOSPITAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

COPTER RNAV (GPS) 187, AMDT 1

SUP: COPTER GPS 187

AMDT: 4 ORIG

DATED: 05/11/1999

ALL AFFECTED PROCEDURES REVIEWED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: ATA AAT ALPA APA AOPA NBAA OTHER (specify) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <u>HAI, DTW APP CON, HELIPORT MANAGER, SURVIVAL FLIGHT INC.</u>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. FLIGHT STANDARDS.					
REASONS:					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

1. APP SEGMENT						FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS		MIN. ALT.
INITIAL						UPRIW	OKICY	1. TOWER (26-000462)	422858.00N/0832746.00W	1314 (5D)	1000			2400
								2. TERRAIN	423054.00N/0832712.00W	975 (1000)		AS1000		2000
INITIAL						ZIZKO	OKICY	3. AAO	423018.00N/0832512.00W	1168 (4E)	1000	AT232		2400
								4. TERRAIN	423018.00N/0832512.00W	968 (1000)		AS1000		2000
INTERMEDIATE						OKICY	EMISE	5. TOWER (26-020098)	422914.08N/0832543.79W	1216 (5D)	500			1800
								6. TERRAIN	422924.00N/0832218.00W	893 (900)		AS1000		1900
FINAL: LNAV						EMISE	MSIPI/0.60 NM TO YUMVY	7. AAO	422642.00N/0832457.00W	1000 (2C)	250	RA30		1280
FINAL: LNAV STEPDOWN						MSIPI/0.60 NM TO YUMVY	YUMVY	8. AAO	422517.00N/0832451.00W	920 (2C)	250	RA30		1200
2. PROCEDURE TURN						NA								
3. MISSED APPROACH	MAP:					YUMVY	ZIZKO				ASC			2800
								9. TOWER (26-000324)	422901.00N/0831844.00W	1750 (4D)	1000			2800
	ELEV:					920		10. TERRAIN	422933.00N/0832206.00W	899 (900)		AS1500	2400	
4. CIRCLING AREA		DISTANCE			HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL										
CATEGORY B	1.5 NM		450											
CATEGORY C	1.7 NM		450											
CATEGORY D	2.3 NM		550											
CATEGORY E	4.5 NM		550											
5. MINIMUM SAFE ALTITUDES PRIMARY NAVAID: YUMVY														
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A					
360-360	TRW (26-000324)	048/06.1	1750 (4D)	2800										
CITY AND STATE LIVONIA, MI			SURFACE ELEVATION: 739 AIRPORT NAME: ST MARY MERCY HOSPITAL			FACILITY RNAV			PROCEDURE AND AMENDMENT NO: COPTER RNAV (GPS) 187, AMDT 1			REGION CHECKED AGL		

PART B - SUPPLEMENTAL DATA										
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING			
LAN FSS DTW APP CON					N W S	OTHER: ASOS		SOURCE:KDTW		
					F A A			DISTANCE: 11.04		
					A / C			HOURS REMOTE OPERATION: 24		
SATISFACTORY ON:										
X	V H F	X	U H F		H F	LOCATION: KDTW			ADJUSTMENT: 30	
4. MONITOR STATUS		PRIMARY NAVAID:								
		MONITOR POINT:								
		HRS	CAT 1							
		OPTN:	CAT 3							
5. APPROACH & RUNWAY LIGHTING										ALS
										(S) SALS
										MALS
										HIRL
										MIRL
										REIL
										TDZ
										C/LINE
6. RUNWAY MARKINGS		BASIC								
		ALL WEATHER								
		INSTRUMENT								
7. RUNWAY VISUAL RANGE		APPROACH								
		MIDFIELD								
		ROLL OUT								
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:				
		DISTANCE FROM RWY:				ELEV GP ANTENNA:				
						THRESHOLD CROSSING HEIGHT:				
9. FINAL APPROACH COURSE AIMING				RUNWAY THRESHOLD					FT. FROM THRESHOLD	
				ON CENTERLINE					FT. FROM CENTERLINE	
10. WAIVERS: NONE										
PART D - PREPARED BY: HERMAN C. ROGERS						DATE: 08/20/2015				
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5433				

PART C - REMARKS:
VDP NOT ESTABLISHED - PROCEED VFR PROCEDURE.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
KDTW ASOS IS ON SERVICE A.
VFR TRANSITION AREA CLEAR OF PENETRATING OBSTACLES.
VEGETATION HEIGHT 75 FEET PER FPT.
NO ADDITIONAL AIRSPACE REQUIRED.
RASS PRESSURE PATTERNS SAME K2MI2 674, KDTW 645 RA = 29.43.

