

<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>				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.											
<b>TERMINAL ROUTES</b>								<b>MISSED APPROACH</b>							
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LP: RW09 LNAV: RW09							
FISTU (IF/IAF)		IBEME (FB)		093.65 / 6.94		2900		CLIMB TO 3300 DIRECT HESER AND HOLD.							
IBEME (FAF)		RW09 (MAP) (FO)		093.76 / 5.38											
RW09 (MAP)		1520 MSL		093.76											
1520 MSL		HESER (FO)				3300		<b>ADDITIONAL FLIGHT DATA:</b> HOLD E, RT, 274.07 INBOUND. FAS OBST: 1358 AAO 442214N/0844615W 1363 AAO 442209N/0844753W CHART R-4201A. CHART R-4201B. CHART R-4202. WAAS CHANNEL #56434 REFERENCE PATH ID: W09A LTP HAE: 315.6 M							
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)															
2. HOLD W FISTU, RT, 093.65 INBOUND, 3300 FT. IN LIEU OF PT (IAF)						MAG VAR: 5W                      EPOCH YEAR: 1985									
3. FAC: 093.76 FAF: IBEME                      DIST FAF TO MAP: 5.38 THLD: 5.38															
4. MIN. ALT: FISTU 3300, IBEME 2900															
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: 34:1 IS NOT CLEAR															
8. MSA FROM:															
<b>MINIMUMS</b>															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1520	1	372	1520	1	372	1520	1	372	1520	1	372		NA	
LNAV MDA	1580	1	432	1580	1	432	1580	1 1/4	432	1580	1 1/4	432			
CIRCLING	1600	1	450	1600	1	450	1600	1 1/2	450	1700	2	550			
<b>NOTES:</b> CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GAYLORD ALTIMETER SETTING AND INCREASE @ NA WHEN LOCAL WEATHER NOT AVAILABLE. ALL MDA 120 FT AND LP AND LNAV CAT C/D VISIBILITY 3/8 MILE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. (SEE FORM 8260-10)															
CITY AND STATE HOUGHTON LAKE, MI				ELEVATION: 1150                      THRE: 1148 AIRPORT NAME: ROSCOMMON COUNTY - BLODGETT MEMORIAL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 2A 19 SEPTEMBER 2013				SUP: AMDT: 2 DATED 03/07/2013			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.

CHART PROFILE NOTE: DESCENT ANGLE NA.

TAA

	FROM	TO	ALT
1.	004/30 CW 184/30 (NOPT)	004/15 CW 184/15	4000
2.	004/15 CW 184/15	FISTU (IF/AF) (FB)	3300
3.	184/30 CW 004/30	FISTU (IF/AF) (FO)	3300

QUALITY  
A  
CHECKED

CITY AND STATE  
HOUGHTON LAKE, MI

ELEVATION: 1150 THRE: 1148  
AIRPORT NAME:  
ROSCOMMON COUNTY - BLODGETT MEMORIAL

FACILITY  
IDENTIFIER:  
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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER KHTL  
RUNWAY RW09  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR 0  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W09A  
LTP/FTP LATITUDE 442140.4530N  
LTP/FTP LONGITUDE 0844026.2385W  
LTP/FTP ELLIPSOIDAL HEIGHT +03156  
FPAP LATITUDE 442142.2200N  
FPAP LONGITUDE 0843822.0700W  
THRESHOLD CROSSING HEIGHT (TCH) 00000.0  
TCH UNITS SELECTOR (METERS OR FEET USED) F  
GLIDEPATH ANGLE (GPA) 00.00  
COURSE WIDTH AT THRESHOLD 106.75  
LENGTH OFFSET 1528  
HORIZONTAL ALERT LIMIT (HAL) 40.0  
VERTICAL ALERT LIMIT (VAL) 0.0

CRC REMAINDER

68F4D0F4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5  
LTP ORTHOMETRIC HEIGHT +03498  
FPAP ORTHOMETRIC HEIGHT +03498

CITY AND STATE

HOUGHTON LAKE, MI

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THRE: 1148

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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KHTLK5FR09	AFISTU	010FISTUK5EA0EE	AR	HF			09370040	+	03300	18000		A	JS
SUSAP KHTLK5FR09	R	010FISTUK5EA0E	I	IF				+	03300	18000		A	JS
SUSAP KHTLK5FR09	R	020IBEMEK5EA1E	F	051TF			09370069	+	02900			A	JS
SUSAP KHTLK5FR09	R	020IBEMEK5EA2WALP			N	ALNAV							JS
SUSAP KHTLK5FR09	R	030RW09	K5PG0GY	M	031TF		09380054		01580	000		A	JS
SUSAP KHTLK5FR09	R	040		0	M	CA	0938	+	01520			A	JS
SUSAP KHTLK5FR09	R	050HESERK5EA0EY		DF				+	03300			A	JS
SUSAP KHTLK5FR09	R	060HESERK5EA0EE	R	HM			27410040	+	03300			A	JS

[illegible][illegible]

SUP:	
AMDT:	2
DATED:	03/07/2013

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	FISTU	FISTU	010	IAF	HF	R	FO		093.7(088.7T)	004.0	AA 03300	
		FISTU	010	FACF	IF		FB				AA 03300	
		IBEME	020	FAF	TF		FB	0.5	093.7(088.7T)	006.9	AA 02900	
		RW09	030	MAP	TF		FO	0.3	093.8(088.8T)	005.4	AT 01580	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		093.8(088.8T)		AA 01520	
	HESER	050		DF		FO				AA 03300	
	HESER	060		HM	R	FO		274.1(269.1T)	004.0	AA 03300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FISTU	N442124.32	W0845736.34	N4421.405	W08457.606
	HESER	N442154.97	W0842154.19	N4421.916	W08421.903
	IBEME	N442133.73	W0844755.79	N4421.562	W08447.930
	RW09	N442140.45	W0844026.24	N4421.674	W08440.437

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	01148	00

CITY AND STATE  
HOUGHTON LAKE, MI

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