

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> JAMES CLEMENTS MUNI	<u>AIRPORT ID</u> 3CM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> BAY CITY	<u>STATE</u> MI	
<u>AIRPORT ELEVATION</u> 585	<u>TDZE</u> 585	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 07/19/2018	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
BENNY		SWITT		TF	FB	1.00	102.35	3.59	3000
REESE		ACATI		TF	FB	1.00	358.26	15.72	3000
SWITT	IAF	COLAL		TF	FB	1.00	103.51	5.20	3000
ACATI	IAF	COLAL		TF	FB	1.00	273.28	5.00	3000
COLAL	IF	BILAY		TF	FB	1.00	183.20	5.00	2200
BILAY	FAF	RW18	MAP	TF	FO	0.30	183.20	5.00	
RW18	MAP	985 MSL		CA	FO		183.20		
985 MSL		REESE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3000 DIRECT REESE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT COLAL

3. FAC: 183.20 FAF: BILAY DIST FAF TO MAP: 5.00 DIST FAF TO THLD: 5.00

4. MIN ALT: COLAL 3000, BILAY 2200

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:

6. MIN GP INCPT: GP ALT AT FAF : OM: MM: IM:

7. GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:

8. MSA FROM: RW18 3100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 18W, 36W, 13W, 31W, 9W, AND 27W.
CHART NOTE: CIRCLING NA SOUTHEAST OF RWYS 23 AND 36.
CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: USE SAGINAW COUNTY H W BROWNE ALTIMETER SETTING.
CHART NOTE:STRAIGHT-IN RWY 18 NA AT NIGHT, CIRCLING RWY 18, 23, 36 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BENNY ON V78-609 NORTHBOUND.

ADDITIONAL FLIGHT DATA:

CHART SAGINAW COUNTY H W BROWNE AWOS-3.
BILAY TO RW18: 2.96/45.
CHART FAS OBST: 914 TOWER 433620N/0835457W.
CHART: 786 TOWER 433810N/0835424W.
HOLD E, RT, 288.08 INBOUND

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☒

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LNAV MDA	1260	1	675	1260	1	675	1260	2	675		NA				
CIRCLING	1260	1	675	1260	1	675	1260	2	675		NA				



