

**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><b>AIRPORT ID</b></u> KDAW	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 33	<u><b>ORIGINAL/AMENDMENT</b></u> 2	<u><b>CITY</b></u> ROCHESTER	<u><b>STATE</b></u> NH		
<u><b>AIRPORT ELEVATION</b></u> 322	<u><b>TDZE</b></u> 322	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 33	<u><b>ORIGINAL/AMENDMENT</b></u> 1	<u><b>DATED</b></u> 06/17/2021	<u><b>MAG VAR</b></u> 16W	<u><b>EPOCH YEAR</b></u> 1995
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 3 NOVEMBER 2022	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 237/30 CW 057/30	NOPT	LGURI	IF/IAF	3000
2. 057/30 CW 147/30		057/15 CW 147/15		3700
3. 057/15 CW 147/15		GRVEL	IAF	3000
4. 147/30 CW 237/30		147/15 CW 237/15		3700
5. 147/15 CW 237/15		OGNQT	IAF	3000

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OGNQT	IAF	LGURI	NOPT	TF	FB	1.00	237.20	6.70	3000
GRVEL	IAF	LGURI	NOPT	TF	FB	1.00	057.07	6.70	3000
LGURI	IF/IAF	ROLNS		TF	FB	1.00	327.14	5.94	1900
ROLNS	FAF	RW33	MAP	TF	FO	0.30	327.07	4.82	
RW33	MAP	572 MSL		CA			327.07		
572 MSL		TRASS		DF	FO	1.00			3800



**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW33

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3800 DIRECT TRASS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3800.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD SE LGURI, RT, 327.14	INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.				
3. FAC: 327.07	FAF: ROLNS		DIST FAF TO MAP: 4.82		DIST FAF TO THLD: 4.82
4. MIN ALT:	LGURI 3000, ROLNS 1900				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.65	GS ANT:
6. MIN GP INCPT: 1900	GP ALT AT PFAF: ROLNS 1900		OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 43.3		
8. MSA FROM:					

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV ALL CATS.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV VISIBILITY CAT C TO 1 3/8 SM.

**ADDITIONAL FLIGHT DATA:**

HOLD NW, RT, 146.87 INBOUND.  
CHART FAS OBST: 529 TREE 431638N/0705611W.  
CHART VDP AT 1.30 NM TO RW33.  
WAAS CHANNEL # 72715  
REFERENCE PATH ID: W33A  
CHART CIRCLING ICON.  
LTP HAE: 71.3 M



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

**ALTERNATE:** NA  STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	572	3/4	250	572	3/4	250	572	3/4	250		NA				
LNAV/VNAV DA	699	1	377	699	1	377	699	1	377		NA				
LNAV MDA	780	3/4	458	780	3/4	458	780	1 1/8	458		NA				
CIRCLING	960	1	638	960	1	638	960	1 3/4	638		NA				

**CHANGES - REASONS**

1. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT LGURI AND HOLD TO CLIMB TO 3800 DIRECT TRASS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3800 - PER FPT/ATC REQUEST.
2. CHANGED MISSED APPROACH CA SEGMENT FROM 2000 MSL TO 572 MSL - DUE TO CHANGE IN MISSED APPROACH INSTRUCTIONS/NEW CLEARANCE LIMIT.
3. CHANGED PBN REQUIREMENT NOTES FROM RNP APCH TO RNP APCH - GPS - IAW 8260.19I PARA 8-6-8.B(2).
4. DELETED \*LNAV ONLY FROM ADDITIONAL FLIGHT DATA - IAW 8260.19I PARA 8-6-10.M.
5. CHANGED ADDITIONAL FLIGHT DATA CHART VDP AT 1.30 NM TO RW33\* TO CHART VDP AT 1.30 NM TO RW33 - IAW 8260.19I PARA 8-6-10.M.(2).
6. CHANGED INOPERATIVE ALS NOTE FROM FOR INOPERATIVE ALS, INCREASE LNAV VISIBILITY CAT A AND B TO 1 SM AND CAT C TO 1 1/4 SM TO FOR INOPERATIVE ALS, INCREASE VISIBILITY CAT C TO 1 3/8 SM - IAW 8260.3E TABLE 3-3-1.
7. CHANGED ADDITIONAL FLIGHT DATA FAS OST DATA FROM: 519 TREE 431637N/0705611W.TO 529 TREE 431638N/0705611W - NEW EVALUATION.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZBW, BOS APP CON, BGR FSS, AMGR

**FLIGHT CHECKED BY**

JEREMY R VIRTS

*Digitally signed by*  
**WILLIAM D MELTON**

*Digitally signed by*

**ALLAN WILL**  
Sep 01, 2022

**OFFICE**

FPO

**DATE**

08/25/2022

**DEVELOPED BY**

WILLIAM D. MELTON

Aug 02, 2022

**OFFICE**

AJV-A423

**DATE**

06/15/2022

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*

**ALLAN WILL**  
Sep 01, 2022

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDAW
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	431649.6305N
LTP/FTP LONGITUDE	0705524.9460W
LTP/FTP ELLIPSOIDAL HEIGHT	+00713
FPAP LATITUDE	431748.1010N
FPAP LONGITUDE	0705657.0105W
THRESHOLD CROSSING HEIGHT (TCH)	00043.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8820C075

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00982
FPAP ORTHOMETRIC HEIGHT	+00982

