

**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 ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
JYG	RNAV (GPS) RWY 33	1C	ST JAMES	MN	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1068	1068	RNAV (GPS) RWY 33	08/12/2021	1E	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
RNAV		9 JULY 2026	ROUTINE		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 238/30 CW 058/30	NOPT	PUGJU	IF/IAF	3200
2. 058/30 CW 238/30		PUGJU	IF/IAF	3200

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>
PUGJU	IF/IAF	JATTY		TF	FB	1.00	328.32	4.99	2600
JATTY	FAF	CADLO/2.80 NM TO RW33		TF	FB	0.30	328.28	2.21	
CADLO/2.80 NM TO RW33		RW33	MAP	TF	FO	0.30	328.28	2.80	
RW33	MAP	1344 MSL		CA			328.28		
1344 MSL		AMILY		DF	FO	1.00			3200

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3200 DIRECT AMILY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SE PUGJU, RT, 328.32 INBOUND, 3200 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	328.28	FAF:	JATTY	DIST FAF TO MAP:	5.01	DIST FAF TO THLD:	5.01							
4.	MIN ALT:	PUGJU 3200, JATTY 2700, CADLO/2.80 NM TO RW33 1980													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		276 HAT:	0.75	GS ANT:				
6.	MIN GP INCPT:	2700	GP ALT AT PFAF:	JATTY 2700			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	40.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ULM ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ULM ALTIMETER SETTING: INCREASE LPV DA TO 1399 FEET; INCREASE LNAV/VNAV DA TO 1495 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 60 FEET AND ALL VISIBILITIES 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 148.16 INBOUND.
FAS OBST: 1186 TREE 435812N/0943315W.
CHART VDP AT 1.11 NM TO RW33.
WAAS CHANNEL # 53538
REFERENCE PATH ID: W33A
LTP HAE: 296.8 M

MINIMUMS:

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

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

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
LPV DA	1344	1	276	1344	1	276		NA			NA				
LNAV/VNAV DA	1440	1	372	1440	1	372		NA			NA				
LNAV MDA	1440	1	372	1440	1	372		NA			NA				
CIRCLING	1500	1	432	1520	1	452		NA			NA				



CHANGES - REASONS

1. AIRPORT ELEVATION AND TDZE CHANGED FROM “1067” TO “1068” – NEW AIRPORT SURVEY.
2. INCORPORATED CHANGES FROM P-NOTAM 1/6102 INTO FORM - IAW 8260.19K, PARA 8-3-4 C(3).
3. TERMINAL ROUTES: CA LEG TO ALT CHANGED FROM “1343” TO “1344” – TDZE CHANGED.
4. PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.19K.
5. PROFILE LINE 4: DELETED ASTERISK (*) - NO LONGER REQUIRED.
6. PROFILE LINE 7: ADDED 20:1 "IS CLEAR" - NO PENETRATION EXISTS.
7. PBN REQUIREMENTS NOTE: CHANGED AND MOVED “DME/DME RNP-0.3 NA” FROM NOTES TO “RNP APCH – GPS” - IAW 8260.19K 8-6-8 D. (5).
8. CHART NOTE: DELETED “*LNAV ONLY” - NO LONGER REQUIRED.
9. CHART NOTE: ADDED "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - FC REPORTS LPV GLIDEPATH DOES NOT ALIGN WITH VGSI BETWEEN 600-1000 FT FROM THRESHOLD/CANCELS NON COINCIDENT NOTAM.
10. CHART NOTE: CHANGED “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEW ULM, MN ALTIMETER SETTING AND INCREASE LPV DA TO 1398 FT, AND LNAV/VNAV DA TO 1549 FT, AND ALL MDA 60 FT” TO “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ULM ALTIMETER SETTING: INCREASE LPV DA TO 1399 FEET; INCREASE LNAV/VNAV DA TO 1495 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 60 FEET AND ALL VISIBILITIES 1/4 SM” – DA AND VISIBILITY TABLE VALUES CHANGED.
11. ADDITIONAL FLIGHT DATA: REMOVED “FINAL SEGMENT (TF)” – NO LONGER REQUIRED.
12. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM “1189 TREE 435745N/0943312W” TO “1186 TREE 435812N/0943315W” – NEW FAS OBST IDENTIFIED.
13. ADDITIONAL FLIGHT DATA: CHANGED “CHART VDP AT 1.10 NM TO RW33” TO “CHART VDP AT 1.11 NM TO RW33” – VDP RECALCULATED.
14. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED.
15. MINIMA: LPV DA CHANGED FROM “1343” TO “1344” – TDZE CHANGED
16. MINIMA: LNAV/VNAV DA/VIS/HAT CATS A AND B CHANGED FROM “1494/1 ½ /426” TO “1440/1/372” – CHANGED IAW 8260.58D 3-3-5, VIS CHANGED IAW NEW TABLE.
17. MINIMA: LNAV HAT CHANGED FROM “373” TO “372” – TDZE CHANGED.
18. MINIMA: CIRCLING HAA CAT A CHANGED FROM “433” TO “432” AND CAT B CHANGED FROM “453” TO “452” – AIRPORT ELEVATION UPDATED.
19. CRC REMAINDER CHANGED FROM “203DD4CC” TO “201C21B4” - LTP CHANGED FROM “435853.9035N 0943314.7230W” TO “435853.9040N 0943314.7215W”, FPAP CHANGED FROM “440010.4685N 0943417.8610W” TO “440010.4740N 0943417.8470W”, LENGTH OFFSET CHANGED FROM “1536” TO “1528”, AND LTP/FPAP ORTHOMETRIC HEIGHTS CHANGED FROM “+03246” TO “+03247”.

06/02/2026: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/22/2026.
PROFILE LINE 4: CHANGED JATTY ALTITUDE FROM 2600 TO 2700.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZMP ARTCC, AMGR

FLIGHT CHECKED BY

SCOTT WIEBE

Digitally signed by

ROBERT G HAMILTON

May 22, 2026

OFFICE

AJF

DATE

05/21/2026

DEVELOPED BY

ROBERT G HAMILTON (DANIEL R. JOHNSON)

Digitally signed by

ROBERT G HAMILTON

May 22, 2026

OFFICE

AJV-A433

DATE

12/01/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

May 22, 2026

OFFICE

AJV-A433

DATE

06/04/2026

TITLE

MANAGER



AIRPORT ID
JYG

PROCEDURE NAME
RNAV (GPS) RWY 33

ORIGINAL/AMENDMENT
1C

CITY
ST JAMES

STATE
MN

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJYG
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	435853.9040N
LTP/FTP LONGITUDE	0943314.7215W
LTP/FTP ELLIPSOIDAL HEIGHT	+02968
FPAP LATITUDE	440010.4740N
FPAP LONGITUDE	0943417.8470W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	201C21B4
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03247
FPAP ORTHOMETRIC HEIGHT	+03247

