

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				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.													
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW33 CLIMB TO 3200 DIRECT AMILY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 148.16 INBOUND. CHART FAS OBST: 1189 TREE 435745N/0943312W DISTANCE TO THLD FROM 276 HAT: 0.75 NM. CHART VDP AT 1.10 MILES TO RW33* *LNAV ONLY. WAAS CHANNEL # 53538 REFERENCE PATH ID: W33A LTP HAE: 296.8 M							
PUGJU (IF/IAF)		JATTY (FB)		328.32 / 4.99				2700									
JATTY (FAF)		CADLO/2.80 NM TO RW33 (FB)		328.28 / 2.21													
CADLO/2.80 NM TO RW33		RW33 (MAP) (FO)		328.28 / 2.80													
RW33 (MAP)		1343 MSL		328.28				3200									
1343 MSL		AMILY (FO)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE PUGJU, RT, 328.32 INBOUND, 3200 FT. IN LIEU OF PT (IAF) 3. FAC: 328.28 FAF: JATTY DIST FAF TO MAP: 5.01 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: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2700 GS ALT AT: JATTY 2700 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: _____														MAG VAR: 1E		EPOCH YEAR: 2020	
MINIMUMS																	
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		
LPV DA	1343	1	276	1343	1	276		NA			NA						
LNAV/VNAV DA	1494	1 1/2	427	1494	1 1/2	427		NA			NA						
LNAV MDA	1440	1	373	1440	1	373		NA			NA						
CIRCLING	1500	1	433	1520	1	453		NA			NA						
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. *LNAV ONLY (CONTINUED ON PAGE 2)																	
CITY AND STATE		ELEVATION: 1067 TDZE: 1067				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:						SUP:			
ST JAMES, MN		AIRPORT NAME:				RNAV		RNAV (GPS) RWY 33, AMDT 1						AMDT: ORIG			
		ST JAMES MUNI						31 MARCH 2016						DATED 07/12/2001			

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 PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING NEW ULM ALTIMETER SETTING.

CHART NOTE: 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.

TAA

	FROM	TO	ALT
1.	238/30 CW 058/30 (NOPT)	PUGJU (IF/IAF) (FB)	3200
2.	058/30 CW 238/30	PUGJU (IF/IAF) (FO)	3200

CITY AND STATE

ST JAMES, MN

ELEVATION: 1067

TDZE: 1067

AIRPORT NAME:

ST JAMES MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, AMDT 1

31 MARCH 2016

SUP:

AMDT: **ORIG**

DATED: **07/12/2001**

QUALITY
5
CHECKED

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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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	435853.9035N
LTP/FTP LONGITUDE	0943314.7230W
LTP/FTP ELLIPSOIDAL HEIGHT	+02968
FPAP LATITUDE	440010.4685N
FPAP LONGITUDE	0943417.8610W
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	1536
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 203DD4CC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03246
FPAP ORTHOMETRIC HEIGHT	+03246

CITY AND STATE ST JAMES, MN	ELEVATION: 1067	TDZE: 1067	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, AMDT 1 31 MARCH 2016	SUP:
	AIRPORT NAME: ST JAMES MUNI				AMDT: ORIG
					DATED: 07/12/2001

QUALITY
5
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KJYG

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
PUGJU	010	PUGJU	HF	FO		328.3			R			AA 03200		EE A
	010	PUGJU	IF	FB								AA 03200		E I
	020	JATTY	TF	FB	0.5	328.3						AA 02700		E F
	021	CADLO	TF	FB	0.3	328.3		3.00				AA 01980 GS 01997		E S
	030	RW33	TF	FO	0.3	328.3		3.00				AT 01105		GY M
	040		CA	FB		328.3						AA 01343		M
	050	AMILY	DF	FO								AA 03200		EY
	060	AMILY	HM	FO		148.2			R			AA 03200		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
AMILY	N440803.24	W0944048.79
CADLO	N435629.51	W0943115.80
JATTY	N435435.62	W0942942.13
PUGJU	N435018.06	W0942610.73

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW33	N435853.90	W0943314.72	01065	40

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	AIRPORT NAME: ST JAMES MUNI	RNAV	RNAV (GPS) RWY 33, AMDT 1 31 MARCH 2016	AMDT: ORIG
			DATED: 07/21/2001	