

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: RW15 CLIMB TO 3200 DIRECT PUGJU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 328.32 INBOUND. CHART FAS OBST: 1169 TREE 440027N/0943409W DISTANCE TO THLD FROM 250 HAT: 0.66 NM. CHART VDP AT 1.05 MILES TO RW15* *LNAV ONLY. WAAS CHANNEL # 58138 REFERENCE PATH ID: W15A LTP HAE: 295.5 M							
AMILY (IF/IAF)		KUBYE (FB)		148.16 / 4.98				2700									
KUBYE (FAF)		CADAK/2.50 NM TO RW15 (FB)		148.20 / 2.52													
CADAK/2.50 NM TO RW15		RW15 (MAP) (FO)		148.20 / 2.50													
RW15 (MAP)		1317 MSL		148.20				3200									
1317 MSL		PUGJU (FO)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW AMILY, RT, 148.16 INBOUND, 3200 FT. IN LIEU OF PT (IAF) 3. FAC: 148.20 FAF: KUBYE DIST FAF TO MAP: 5.02 THLD: 5.02 4. MIN. ALT: AMILY 3200, KUBYE 2700, CADAK/2.50 NM TO RW15 1880* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2700 GS ALT AT: KUBYE 2700 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS 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	1317	1	250	1317	1	250		NA			NA						
LNAV/VNAV DA	1475	1 3/8	408	1475	1 3/8	408		NA			NA						
LNAV MDA	1420	1	353	1420	1	353		NA			NA						
CIRCLING	1500	1	433	1520	1	453		NA			NA						
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. *LNAV ONLY CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 54C (130F). (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 15, 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 NOTE: BARO-VNAV AND VDP NA WHEN USING NEW ULM ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, USE NEW ULM, MN ALTIMETER SETTING AND INCREASE LPV DA TO 1372 FT AND LNAV/VNAV DA TO 1530 FT, AND ALL MDA 60 FT.

TAA

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

QUALITY
5
CHECKED

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 15, AMDT 1 31 MARCH 2016	SUP:
				AMDT: ORIG
				DATED: 07/12/2001

**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	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	435927.8435N
LTP/FTP LONGITUDE	0943342.6960W
LTP/FTP ELLIPSOIDAL HEIGHT	+02955
FPAP LATITUDE	435811.2680N
FPAP LONGITUDE	0943239.5960W
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>	 A3A4991C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03234
FPAP ORTHOMETRIC HEIGHT	+03234

QUALITY
5
CHECKED

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				DATED: 07/12/2001

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
AMILY	010	AMILY	HF	FO		148.2			R			AA 03200		EE A
	010	AMILY	IF	FB								AA 03200		E I
	020	KUBYE	TF	FB	0.5	148.2						AA 02700		E F
	021	CADAK	TF	FB	0.3	148.2		3.00				AA 01880 GS 01897		E S
	030	RW15	TF	FO	0.3	148.2		3.00				AT 01101		GY M
	040		CA	FB		148.2						AA 01317		M
	050	PUGJU	DF	FO								AA 03200		EY
	060	PUGJU	HM	FO		328.3			R			AA 03200		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
AMILY	N440803.24	W0944048.79
CADAK	N440136.74	W0943529.03
KUBYE	N440346.68	W0943716.38
PUGJU	N435018.06	W0942610.73

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW15	N435927.84	W0943342.70	01061	40

QUALITY
5
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