

**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> JYG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> ST JAMES	<u>STATE</u> MN
<u>AIRPORT ELEVATION</u> 1068	<u>TDZE</u> 1067	<u>SUPERSEDED</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 08/12/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 9 JULY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 1E
				<u>EPOCH YEAR</u> 2020
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 058/30 CW 238/30	NOPT	AMILY	IF/IAF	3200
2. 238/30 CW 058/30		AMILY	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>
AMILY	IF/IAF	KUBYE		TF	FB	1.00	148.16	4.98	2700
KUBYE	FAF	CADAK/2.50 NM TO RW15		TF	FB	0.30	148.20	2.52	
CADAK/2.50 NM TO RW15		RW15	MAP	TF	FO	0.30	148.20	2.50	
RW15	MAP	1317 MSL		CA			148.20		
1317 MSL		PUGJU		DF	FO	1.00			3200

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW15

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3200 DIRECT PUGJU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NW AMILY, RT, 148.16 INBOUND, 3200 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	148.20	FAF:	KUBYE	DIST FAF TO MAP:	5.02	DIST FAF TO 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:		250 HAT:	0.66	GS ANT:				
6.	MIN GP INCPT:	2700	GP ALT AT PFAF:	KUBYE 2700			OM:		MM:		IM:				
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	40.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

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 -17C OR ABOVE 54C.
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 1372 FEET; INCREASE LNAV/VNAV DA TO 1530 FEET; INCREASE ALL MDAS 60 FEET AND ALL VISIBILITIES 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 328.32 INBOUND.
FAS OBST: 1170 TREE 435954N/0943321W.
CHART VDP AT 1.06 NM TO RW15.
WAAS CHANNEL # 58138
REFERENCE PATH ID: W15A
LTP HAE: 295.5 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	1317	1	250	1317	1	250		NA			NA				
LNAV/VNAV DA	1420	1	353	1420	1	353		NA			NA				
LNAV MDA	1420	1	353	1420	1	353		NA			NA				
CIRCLING	1500	1	432	1520	1	452		NA			NA				



CHANGES - REASONS

1. TERMINAL ROUTES: IF/IAF LEG RNP CHANGES FROM "0.50" TO "1.00" – IAW 8260.58D TABLE 1-2-1.
2. INCORPORATED CHANGES FROM P-NOTAM 1/6101 INTO FORM - IAW 8260.19K, PARA 8-3-4 C(3).
3. PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.19K.
4. PROFILE LINE 4: DELETED ASTERISK (*) - NO LONGER REQUIRED.
5. PROFILE LINE 7: ADDED 20:1 "IS CLEAR" - NO PENETRATION EXISTS.
6. 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).
7. CHART NOTE: DELETED "**LNAV ONLY" - NO LONGER REQUIRED.
8. CHART NOTE: CHANGED "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 54C (130F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C OR ABOVE 54C" – IAW 8260.19K 8-6-10R.
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 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" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ULM ALTIMETER SETTING: INCREASE LPV DA TO 1372 FEET; INCREASE LNAV/VNAV DA TO 1530 FEET; INCREASE ALL MDAS 60 FEET AND ALL VISIBILITIES 1/4 SM" – DA AND VISIBILITY TABLE VALUES CHANGED.
11. ADDITIONAL FLIGHT DATA: UPDATED FAS OBST FROM "CHART 1169 TREE 440027.00N/0943409W" TO "1170 TREE 435954.00N/0943321.00W" – NEW FAS OBST IDENTIFIED.
12. ADDITIONAL FLIGHT DATA: CHANGED "CHART VDP AT 1.05 NM TO RW15" TO "CHART VDP AT 1.06 NM TO RW15" – VDP RECALCULATED.
13. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED IAW MEMO #279: REVISED CIRCLING MANEUVERING AREA CRITERIA IMPLEMENTATION PLAN.
14. MINIMUMS: UPDATED LNAV/VNAV VISIBILITY CATS A & B FROM "1 3/8" TO "1 1/8" – IAW 8260.3G TABLE 3-3-1.
15. MINIMUMS: LNAV/VNAV DA/VIS/HAT CATS A AND B CHANGED FROM "1475/1 1/8 /408" TO "1420/1/353" – CHANGED IAW 8260.58D 3-3-5, VIS CHANGED IAW NEW TABLE.
16. MINIMUMS: CIRCLING HAA CAT A CHANGED FROM "433" TO "432" AND CAT B FROM "453" TO "452" – AIRPORT ELEVATION CHANGED.
17. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM "A3A4991C" TO "E724A46D" - LTP CHANGED FROM "435927.8435N 0943342.6960W" TO "435927.8430N 0943342.6950W", FPAP CHANGED FROM "435811.2680N 0943239.5960W" TO "435811.2670N 0943239.5950W", LENGTH OFFSET CHANGED FROM "1536" TO "1528", LTP/FPAP ORTHOMETRIC HEIGHTS CHANGED FROM "+03234" TO "+03235".

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZMP ARTCC, AMGR

FLIGHT CHECKED BY

WILLIAM M YINGLING

Digitally signed by

ROBERT G HAMILTON

Apr 29, 2026

OFFICE

AJF

DATE

04/27/2026

DEVELOPED BY

ROBERT G HAMILTON (DANIEL R. JOHNSON)

Digitally signed by

ROBERT G HAMILTON

Apr 29, 2026

OFFICE

AJV-A433

DATE

12/01/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Apr 29, 2026

OFFICE

AJV-A433

DATE

06/04/2026

TITLE

MANAGER



