

**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> KGX/PAGX	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> GRAYLING	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 138	<u>TDZE</u> 136	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 02/01/2018
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 OCTOBER 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 12E
				<u>EPOCH YEAR</u> 2020
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 25-21.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
VUSUY		UMARE		TF	FB	1.00	113.82	31.05	5000
ZIDMU		UJPAY		TF	FB	1.00	336.52	72.84	5000
CHEFF		UJPAY		TF	FB	1.00	254.70	62.63	5000
UMARE	IAF	QOYJY	NOPT	TF	FB	1.00	129.70	6.00	4000
UJPAY	IAF	QOYJY	NOPT	TF	FB	1.00	293.82	6.00	4000
QOYJY	IF/IAF	CUPDU		TF	FB	1.00	219.82	6.48	2200
CUPDU	FAF	WIWQO/3.00 NM TO UXSOJ		TF	FB	0.30	190.56	2.10	
WIWQO/3.00 NM TO UXSOJ		UXSOJ	MAP	TF	FO	0.30	190.56	3.00	
UXSOJ	MAP	538 MSL		CA			190.56		
538 MSL		UJPAY		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LP: UXSOJ
LNAV: UXSOJ

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 4000 DIRECT UJPAY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NE QOYJY, RT, 219.82 INBOUND, 4000 IN LIEU OF PT (IAF), MAX 10000.					
3. FAC: 190.56	FAF: CUPDU		DIST FAF TO MAP: 5.10	DIST FAF TO THLD: 5.59	
4. MIN ALT: QOYJY 4000, CUPDU 2200, WIWQO/3.00 NM TO UXSOJ 1420					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6. MIN GP INCPT:	GP ALT AT FAF:			OM:	MM:
7. GP ANGLE:	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH:		IM:
8. MSA FROM: UXSOJ 4400					

QUALITY
35
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING NA W OF RWY 17-35.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VUSUY ON V453-T275 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CHEFF ON T244 AND T382 EASTBOUND.
CHART NOTE: USE SHX/PAHX ALTIMETER SETTING; WHEN NOT RECEIVED USE ANV/PANV ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART SHX/PAHX AWOS-3P
CHART ENA RADIO
HOLD SE, RT, 293.82 INBOUND.
CHART FAS OBST: 553 TREE (02-115164) 625610N/1600311W.
FAS OBST: 998 AAO 625718N/1600230W.
WAAS CHANNEL # 93540
REFERENCE PATH ID: W17A
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 19.94 DEGREES.
CHART CIRCLING ICON.
FICTITIOUS THRESHOLD POINT (CFFCC) DO NOT CHART.
CUPDU TO RW17: 3.48/40.
FTP HAE: 37.4 M

MINIMUMS:

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

ALTERNATE: NA ☒

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
LP MDA	860	1	724	860	1	724		NA			NA				
LNAV MDA	1360	1 1/4	1224	1360	1 1/2	1224		NA			NA				
CIRCLING	1360	1 1/4	1222	1360	1 1/2	1222		NA			NA				



CHANGES - REASONS

1. REMOVED FEEDER SEGMENT ZIBAL-UYIJI-UJPAY AND ALL ASSOCIATED DATA - REQUESTED BY FPT DUE TO CANCELLATION OF V 510, ZIBAL WP, AND UYIJI WP.
2. ADDED IAF UMARE AND FEEDER SEGMENT VUSUY-UMARE AT 5000 - ALLOWS PROCEDURE ENTRY FROM V453 AND T275 SOUTHBOUND TO INITIAL APPROACH FIX.
3. ADDED INITIAL SEGMENT UMARE-QOYJY AT 4000 - CONTINUES THE APPROACH TO INTERMEDIATE SEGMENT.
4. MOVED QOYJY WP 2.12 NM SOUTHEAST - TO ENSURE INITIAL SEGMENT TO INTERMEDIATE SEGMENT TURN DOES NOT EXCEED 90 DEGREES. FIX NAME RETAINED FOR OPERATIONAL ADVANTAGE.
5. IAF UJPAY MOVED 0.22 NM/1370 FT SOUTH AND CHANGED INITIAL SEGMENT COURSE/DISTANCE FROM 290.78/8.00 TO 293.82/6.00 - TO RETAIN THE 90 DEGREE TURN AT IF QOYJY.
6. ADDED FEEDER SEGMENTS CHEFF-UJPAY AND ZIDVU-UJPAY AT 5000 - PERMITS PROCEDURE ENTRY FROM T 382/T 244 AND V 480.
7. CHANGED INTERMEDIATE SEGMENT COURSE/DISTANCE FROM 200.67/6.00 TO 219.82/6.48 - DUE TO RELOCATION OF QOYJY WP.
8. REMOVED ARRIVAL HOLDING AT UJPAY - REQUESTED BY FPT; NO LONGER REQUIRED.
9. CHANGED MISSED APPROACH FROM 'CLIMBING LEFT TURN TO 7000 DIRECT ZAKEK AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000' TO 'CLIMBING LEFT TURN TO 4000 DIRECT UJPAY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000' - DUE TO CANCELLATION OF V 510.
10. PROFILE LINE 2: ADDED HOLD-IN-LIEU OF PT AT QOYJY WITH ASSOCIATED DATA - REQUESTED BY FPT.
11. PROFILE LINE 3: CORRECTED DIST FAF TO THLD FROM 5.57 TO 5.59 - DISTANCE CUPDU-UXSOJ 5.10 NM + DISTANCE UXSOJ-RW17 0.49 NM = 5.59 NM.
12. REMOVED EQUIPMENT REQUIREMENTS NOTE RADAR REQUIRED FOR PROCEDURE ENTRY AND ADDED PBN REQUIREMENTS NOTE RNP APCH - GPS. - RADAR NOTE NO LONGER NECESSARY; PROCEDURE CONNECTED TO SEVERAL AIRWAYS. PBN NOTE PER 8260.19J PARA. 8-6-8D(5)(A)1.
13. REMOVED NOTE 'DME/DME RNP-0.3 NA' - REPLACED BY PBN REQUIREMENT NOTE.
14. ADDED PLANVIEW NOTES 'PROCEDURE NA FOR ARRIVALS AT VUSUY ON V453-T275 NORTHBOUND, PROCEDURE NA FOR ARRIVALS AT ZIDMU ON V480 SOUTHWEST BOUND, PROCEDURE NA FOR ARRIVALS AT CHEFF ON T244 AND T382 EASTBOUND' - TURNS FROM AIRWAYS EXCEED 90 DEGREES AND PER 8260.19J PARA. 8-2-5E(2).
15. ADDED OBSTACLE ID (02-115164) TO FAS OBST 553 TREE - PER 8260.19J PARA. 8-6-11C.
16. ADDED FAS OBST: 998 AAO 625718N/1600230W - PER 8260.19J PARA. 8-6-11C NOTE.
17. DELETED 7:1 EXCLUDED OBSTACLES - NO LONGER DOCUMENTED IN ADDITIONAL FLIGHT DATA PER 8260.19J PARA. 8-6-11E(2) MEMO.
18. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM CUPDU TO RW17: 3.50/40 TO CUPDU TO RW17: 3.48/40 - VERTICAL DESCENT ANGLE CALCULATED FROM UPDATED PROCEDURE ASSESSMENT.
19. REMOVED CAT C/D MINIMUMS - REQUESTED BY FPT DUE TO EXCESSIVE VISIBILITY.
20. FAS DATA: FTP LAT/LONG CHANGED FROM 625355.0300N/1600417.4970W TO 625353.3940N/1600418.9810W - RESULT OF CHANGE IN VERTICAL DESCENT ANGLE.
21. FAS DATA: FPAP LAT/LONG CHANGED FROM 625232.9545N/1600531.9335W TO 625231.3185N/1600533.4155W -RESULT OF CHANGE IN FTP LAT/LONG AND VERTICAL DESCENT ANGLE.
22. FAS DATA: VERTICAL DESCENT ANGLE LOWERED FROM 3.50 TO 3.48 - UPDATED PROCEDURE ASSESSMENT.
23. FAS DATA: CRC REMAINDER CHANGED FROM 458271C9 TO 261103AE - RESULT OF FAS DATA CHANGES LISTED ABOVE.

08/13/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/05/25.
1. DELETED PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT ZIDMU ON V480 SOUTHWEST BOUND".

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZAN, WFPT, APT MGR, AK DOT DIV OF STATEWIDE AVIATION

FLIGHT CHECKED BY

ROBERT TAHTÉ PERKINS

Digitally signed by

ROBERT G HAMILTON

Aug 20, 2025

OFFICE

FIOG

DATE

08/01/2025

DEVELOPED BY

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Aug 13, 2025

OFFICE

AJV-A422

DATE

02/26/2025

APPROVED BY

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ROBERT G HAMILTON

Aug 20, 2025

OFFICE

AJV-A420

DATE

08/28/2025

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAGX
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	625353.3940N
LTP/FTP LONGITUDE	1600418.9810W
LTP/FTP ELLIPSOIDAL HEIGHT	+00374
FPAP LATITUDE	625231.3185N
FPAP LONGITUDE	1600533.4155W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.48
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	261103AE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00283
FPAP ORTHOMETRIC HEIGHT	+00283

