

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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				
HEXIV (IAF)	EPECI (NOPT) (FB)	160.99 / 8.70	3000	LP: RW10 LNAV: RW10			
YUVFA (IAF)	EPECI (NOPT) (FB)	040.98 / 8.70	3000				
EPECI (IF/IAF)	NIBET (FB)	101.05 / 6.11	3000	CLIMB TO 4000 DIRECT FENRU AND HOLD.			
NIBET (FAF)	RW10 (MAP) (FO)	101.13 / 4.99					
RW10 (MAP)	1771 MSL	101.13		ADDITIONAL FLIGHT DATA: HOLD E, RT, 281.39 INBOUND. CHART FAS OBST: 1525 TREE 410917N/0801050W CHART FAS OBST: 1512 TREE 410857N/0801110W 1559 AAO 410907N/0801639W WAAS CHANNEL # 50432 REFERENCE PATH ID: W10A NIBET TO RW10: 3.00/40. CHART CIRCLING ICON CHART FRANKLIN AWOS-3. LTP HAE: 384 M			
1771 MSL	FENRU (FO)		4000				

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. HOLD W EPECI, RT, 101.05 INBOUND, 3000 FT. IN LIEU OF PT (IAF)	
3. FAC: <u>101.13</u> FAF: <u>NIBET</u> DIST FAF TO MAP: <u>4.99</u> THLD: <u>4.99</u>	
4. MIN. ALT: EPECI 3000, NIBET 3000	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u> </u> TCH: 34:1 IS NOT CLEAR	
8. MSA FROM: <u> </u>	

MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		X			
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
LP MDA	1840	1	469	1840	1	469		NA			NA				
LNAV MDA	1860	1	489	1860	1	489		NA			NA				
CIRCLING	1920	1	549	1920	1	549		NA			NA				

NOTES:

CHART NOTE: USE FRANKLIN ALTIMETER SETTING; WHEN NOT RECEIVED, USE NEW CASTLE ALTIMETER SETTING.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CITY AND STATE GROVE CITY, PA	ELEVATION: 1371 THRE: 1371	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, AMDT 1 27 JUNE 2013	SUP:
	AIRPORT NAME: GROVE CITY			AMDT: ORIG
				DATED 04/10/2008

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TAA

	FROM	TO	ALT
1.	041/30 CW 161/30 (NOPT)	041/8 CW 161/8	3600
2.	041/8 CW 161/8	EPECI (IF/IAF) (FB)	3000
3.	161/30 CW 281/30	HEXIV (IAF) (FB)	4000
4.	281/30 CW 041/30	YUVFA (IAF) (FB)	3900

CITY AND STATE

GROVE CITY, PA

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	29D
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	410846.6100N
LTP/FTP LONGITUDE	0801033.3200W
LTP/FTP ELLIPSOIDAL HEIGHT	+03840
FPAP LATITUDE	410843.1600N
FPAP LONGITUDE	0800835.4715W
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	1376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER

28FB8BB7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+04178
FPAP ORTHOMETRIC HEIGHT	+04178

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC PACKET - 424-18 - RNAV (GPS)

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEENRT	EPECI K60	W	N41091135W080251432				W0091	NAR		EPECI		
	SUSAEENRT	FENRU K60	W	N41081716W079542232				W0095	NAR		FENRU		
	SUSAEENRT	HEXIV K60	W	N41165260W080303883				W0091	NAR		HEXIV		
	SUSAEENRT	NIBET K60	W	N41085796W080170941				W0092	NAR		NIBET		
	SUSAEENRT	YUVFA K60	W	N41014850W080312033				W0090	NAR		YUVFA		

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP 29D K6A29D	0	045YHN41084570W080100390W009001371					1800018000C	MNAR		GROVE CITY		

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP 29D K6FR10	AEPECI 010EPECIK6EA0EE	AR	HF			10110040		+ 03000	18000		A JS	
	SUSAP 29D K6FR10	AHEXIV 010HEXIVK6EA0E	A	IF						18000		A JS	
	SUSAP 29D K6FR10	AHEXIV 020EPECIK6EA0EE	B	010TF			16100087		+ 03000			A JS	
	SUSAP 29D K6FR10	AYUVFA 010YUVFAK6EA0E	A	IF						18000		A JS	
	SUSAP 29D K6FR10	AYUVFA 020EPECIK6EA0EE	B	010TF			04100087		+ 03000			A JS	
	SUSAP 29D K6FR10	R	010EPECIK6EA0E	I	IF				+ 03000	18000		A JS	
	SUSAP 29D K6FR10	R	020NIBETK6EA1E	F	051TF		10110061		+ 03000			A JS	
	SUSAP 29D K6FR10	R	020NIBETK6EA2WALP			N	ALNAV					JS	
	SUSAP 29D K6FR10	R	030RW10 K6PG0GY	M	031TF		10110050		01411	-300		A JS	
	SUSAP 29D K6FR10	R	040	0	M	CA	1011		+ 01771			A JS	
	SUSAP 29D K6FR10	R	050FENRUK6EA0EY		DF				+ 04000			A JS	
	SUSAP 29D K6FR10	R	060FENRUK6EA0EE	R	HM		28140040		+ 04000			A JS	

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP 29D K6GRW10	0045001012	N41084661W080103332-1700					+0384001371000040075R					

	1	2	3	4	5	6	7	8	9	0	1	2	3
FP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP 29D K6PR10	RW10 001	0000W10A0N4108466100W08010333200+038400300N4108431600W08008354715106751376000400F40000028FB8BB7										
	SUSAP 29D K6PR10	RW10 002E	+04178+04178LP		50432								

QUALITY
CHECKED

CITY AND STATE GROVE CITY, PA	ELEVATION: 1371	THRE: 1371	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:	GROVE CITY	RNAV	RNAV (GPS) RWY 10, AMDT 1	AMDT: ORIG
				27 JUNE 2013	DATED: 04/10/2008

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	EPECI	EPECI	010	IAF	HF	R	FO		101.1(092.1T)	004.0	AA 03000	
	HEXIV	HEXIV	010	IAF	IF		FB					
	HEXIV	EPECI	020		TF		FB	1.0	161.0(152.0T)	008.7	AA 03000	
	YUVFA	YUVFA	010	IAF	IF		FB					
	YUVFA	EPECI	020		TF		FB	1.0	041.0(032.0T)	008.7	AA 03000	
		EPECI	010	FACF	IF		FB				AA 03000	
		NIBET	020	FAF	TF		FB	0.5	101.1(092.1T)	006.1	AA 03000	
		RW10	030	MAP	TF		FO	0.3	101.1(092.1T)	005.0	AT 01411	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		101.1(092.1T)		AA 01771	
	FENRU	050		DF		FO				AA 04000	
	FENRU	060		HM	R	FO		281.4(272.4T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EPECI	N410911.35	W0802514.32	N4109.189	W08025.239
	FENRU	N410817.16	W0795422.32	N4108.286	W07954.372
	HEXIV	N411652.60	W0803038.83	N4116.877	W08030.647
	NIBET	N410857.96	W0801709.41	N4108.966	W08017.157
	YUVFA	N410148.50	W0803120.33	N4101.808	W08031.339
	RW10	N410846.61	W0801033.32	N4108.777	W08010.555

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10	01371	40

QUALITY
2
07/07/08

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	AIRPORT NAME:			RNAV (GPS) RWY 10, AMDT 1	AMDT: ORIG
	GROVE CITY	RNAV		27 JUNE 2013	DATED: 04/10/2008