

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	
RUANE (IAF)	BEGKA (FB)	185.95 / 9.66	3000	LPV: DA LNAV/VNAV: DA LNAV: RW14
BEGKA (IF)	TIMBE (FB)	136.27 / 6.05	2200	
TIMBE (FAF)	JOXOX/2.33 NM TO RW14 (FB)	136.33 / 2.90		CLIMB TO 2100 DIRECT FIRAN AND ON TRACK 087.09 TO CUTOP AND HOLD.
JOXOX/2.33 NM TO RW14	RW14 (MAP) (FO)	136.33 / 2.33		
RW14 (MAP)	789 MSL	136.33		ADDITIONAL FLIGHT DATA: HOLD W, LT, 104.00 INBOUND. CHART FAS OBST: 636 TWR 391106N/0771107W DISTANCE TO THLD FROM 269 HAT: 0.80 NM. CHART VDP AT 1.36 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 77502 REFERENCE PATH ID: W14A LTP HAE: 118.6 M
789 MSL	FIRAN (FB)			
FIRAN	CUTOP (FO)	087.09 / 7.27	2100	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT BEGKA
- FAC: 136.33 FAF: TIMBE DIST FAF TO MAP: 5.16 THLD: 5.16
- MIN. ALT: BEGKA 3000, TIMBE 2200, JOXOX/2.33 NM TO RW14 1280*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2200 GS ALT AT: TIMBE 2200 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM: RW14 3300

MAG VAR: 9W EPOCH YEAR: 1985

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	789	1	269	789	1	269	789	1	269	789	1	269			
LNAV/VNAV DA	919	1 1/2	399	919	1 1/2	399	919	1 1/2	399	919	1 1/2	399			
LNAV MDA	980	1	460	980	1	460	980	1 1/4	460	980	1 1/2	460			
CIRCLING	1020	1	481	1020	1	481	1020	1 1/2	481	1100	2	561			

NOTES:
 CHART NOTE: CIRCLING TO RWY 32 NA AT NIGHT.
 CHART NOTE: BARO-VNAV NA WHEN USING WASHINGTON DULLES INTL ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 36C (96F).
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASHINGTON DULLES INTL ALTIMETER
 (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.



CITY AND STATE GAITHERSBURG, MD	ELEVATION: 539 TDZE: 520 AIRPORT NAME: MONTGOMERY COUNTY AIRPARK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 3A 23 AUGUST 2012	SUP: AMDT: 3 DATED 10/27/2005
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NOTES, (CONT.):
 SETTING AND INCREASE ALL DA/MDAS 80 FEET AND ALL VISIBILITIES 1/4 MILE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY
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 CHECKED

CITY AND STATE GAITHERSBURG, MD	ELEVATION: 539 TDZE: 520 AIRPORT NAME: MONTGOMERY COUNTY AIRPARK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 3A 23 AUGUST 2012	SUP:
				AMDT: 3
				DATED: 10/27/2005

**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	KGAI
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	391018.6365N
LTP/FTP LONGITUDE	0771018.8005W
LTP/FTP ELLIPSOIDAL HEIGHT	+01186
FPAP LATITUDE	390924.4800N
FPAP LONGITUDE	0770847.7900W
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	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 7007F7F5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01504
FPAP ORTHOMETRIC HEIGHT	+01504

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CITY AND STATE GAITHERSBURG, MD	ELEVATION: 539	TDZE: 520	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 3A 23 AUGUST 2012	SUP:
	AIRPORT NAME: MONTGOMERY COUNTY AIRPARK				AMDT: 3
					DATED: 10/27/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.33

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SUSAP KGAIK6SRW14 K6PG

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QUALITY
CHECKED

CITY AND STATE GAITHERSBURG, MD	ELEVATION: 539 AIRPORT NAME: MONTGOMERY COUNTY AIRPARK	TDZE: 520	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 3A 23 AUGUST 2012	SUP:
					AMDT: 3
					DATED: 10/27/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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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
	RUANE	RUANE	010	IAP	IF		FB					
	RUANE	BEGKA	020		TF		FB	1.0	186.0 (177.0T)	009.7	AA 03000	
		BEGKA	010	FACF	IF		FB				AA 03000	
		TIMBE	020	FAF	TF		FB	0.5	136.3 (127.3T)	006.1	AA 02200	
		JOXOX	021	SDF	TF		FB	0.3	136.3 (127.3T)	002.9	AA 01280	GS 01280
		RW14	030	MAP	TF		FO	0.3	136.3 (127.3T)	002.3	AT 00533	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		136.3 (127.3T)		AA 00789	
	FIRAN	050		DF		FB					
	CUTOP	060		TF		FO	1.0	087.1 (078.1T)		AA 02100	
	CUTOP	070		HM	L	FO		104.0 (095.0T)	004.0	AA 02100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BEGKA	N391706.61	W0772146.61	N3917.110	W07721.777
	CUTOP	N391005.17	W0765816.47	N3910.086	W07658.275
	FIRAN	N390835.44	W0770725.09	N3908.591	W07707.418
	JOXOX	N391143.52	W0771241.56	N3911.725	W07712.693
	RUANE	N392646.00	W0772226.34	N3926.767	W07722.439
	TIMBE	N391326.55	W0771535.10	N3913.443	W07715.585
	RW14	N391018.64	W0771018.80	N3910.311	W07710.313

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00493	40



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