

<b>RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33</b>						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.										
<b>TERMINAL ROUTES</b>											<b>MISSED APPROACH</b>					
FROM		TO			COURSE AND DISTANCE				ALTITUDE		RNP: DA					
FERGI (IAF)		DARIC (TF) (FB) (RNP 1.00)			135.67 / 2.30				2600		CLIMB TO 3000 ON THE FINAL APPROACH TRACK TO RWY 19 AND DIRECT BADDN AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.					
DARIC (IF)		GREYZ (TF) (FB) (RNP 1.00)			160.52 / 3.00				1700							
GREYZ		**SETOC (RF) (FB) (RNP 0.89)			(1.80 NM RADIUS CCW (CFBGW))/0.67				1500							
SETOC (FAF)		**FONVI (RF) (FB)			(1.80 NM RADIUS CCW (CFBGW))/0.90				1214&							
FONVI		**JUBOL (RF) (FB)			(1.50 NM RADIUS CW (CFFJM))/0.81				955&		<b>ADDITIONAL FLIGHT DATA:</b> HOLD S, RT, 004.49 INBOUND. CHART: 63 BRIDGE 385227N/0770220W CHART: 191 BLDG 385257N/0770146W CHART: 596 MONUMENT 385322N/0770207W CHART P-56A/B. DISTANCE TO THLD FROM 478 HAT: 1.34 NM. CHART MINIMUM 3000 AT FERGI. ROUTE TYPE DESCRIPTION: A, H APPROACH ROUTE QUALIFIER 1: F APPROACH ROUTE QUALIFIER 2: S #TCH 62.0 MSL (DO NOT CHART)					
(SEE FORM 8260-10)																
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)																
2. PROFILE STARTS AT DARIC																
3. FAC: <u>      </u> ** <u>      </u> FAF: <u>      </u> DIST FAF TO MAP: <u>      </u> THLD: <u>      </u>																
4. MIN. ALT: DARIC 2600, GREYZ 1700, SETOC 1500																
5. DIST TO THLD FROM OM: <u>4.52</u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u>																
6. MIN GS INCPT: <u>1500</u> GS ALT AT: <u>&amp;</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u>																
7. GS ANGLE: <u>3.00</u> TCH: <u>50.0#</u> 34:1 IS NOT CLEAR																
8. MSA FROM: RW19 2600																
<b>MINIMUMS</b>																
TAKEOFF: <u>SEE FAA FORM 8260-15A FOR THIS AIRPORT</u>											ALTERNATE: N A		STANDARD			
CATEGORY <u>====&gt;</u>		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	
<b>AUTHORIZATION REQUIRED</b>																
RNP 0.11 DA	491	1 1/2	478	491	1 1/2	478	491	1 1/2	478	491	1 1/2	478				
RNP 0.30 DA	550	1 3/4	537	550	1 3/4	537	550	1 3/4	537	550	1 3/4	537				
<b>NOTES:</b> CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -9C (16F) OR ABOVE 54C (130F). CHART PLANVIEW NOTE AT FERGI : MAX 210 KIAS. CHART PLANVIEW NOTE AT GREYZ: MAX 200 KIAS. (SEE FORM 8260-10)																
CITY AND STATE  WASHINGTON, DC		ELEVATION: 15 AIRPORT NAME:  RONALD REAGAN WASHINGTON NATIONAL		TDZE: 13		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) RWY 19, AMDT 2 30 APRIL 2015					SUP:			
													AMDT: 1A			
													DATED 05/29/2014			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION			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.	
RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33				
TERMINAL ROUTES, (CONT.):				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
JUBOL	**WIRSO (TF) (FB)	141.92 / 1.49	480&	
WIRSO	**FIOP (RF) (FB)	(0.96 NM RADIUS CW (CFFJL))/0.71	253&	
FIOP	**RW19 (MAP) (TF) (FO)	184.52 / 0.60	62&	
RW19 (MAP)	BADDN (DF) (FO)		3000	
NOTES, (CONT.):				
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.				
CHART NOTE: RF AND GPS REQUIRED.				
CHART PLANVIEW NOTE: PROHIBITED AREA (P-56) 1.5 NM NORTH OF DCA - AVOID SURFACE TO 18,000 MSL.				
CHART PLANVIEW NOTE AT FERGI: (RNP 0.89)				
<div>QUALITY 6 CHECKED</div>				
CITY AND STATE	ELEVATION: 15	TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
WASHINGTON, DC	AIRPORT NAME:		RNAV	RNAV (RNP) RWY 19, AMDT 2
	RONALD REAGAN WASHINGTON NATIONAL			30 APRIL 2015
				SUP:
				AMDT: 1A
				DATED: 05/29/2014

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.

[illegible]

QUALITY  
12  
CHECKED

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE**  
FLIGHT STANDARDS SERVICES - 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.

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SUSAP KDCAK6GRW19 0071691845 N38514029W077021941+0000 -0028500012000050150RIVWHA IASOL  
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1 2 3 4 5 6 7 8 9 0 1 2 3  
MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012  
-----  
SUSAP KDCAK6SRW19 K6PG 0 18018002625 M

QUALITY  
12  
CHECKED

CITY AND STATE WASHINGTON, DC	ELEVATION: 15	TDZE: 13	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) RWY 19, AMDT 2  30 APRIL 2015	SUP:
	AIRPORT NAME: RONALD REAGAN WASHINGTON NATIONAL	AMDT: 1A			
	DATED: 05/29/2014				

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION								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.				
RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33												
ARINC SUMMARY - 424-18 - RNAV (RNP)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	FERGI	FERGI	010	IAF	IF		FB				AA 03000	AB 210
	FERGI	DARIC	020		TF		FB	1.0			AA 02600	
		DARIC	010	FACF	IF		FB				AA 02600	
		GREYZ	011		TF		FB	1.0			AA 01700	AB 200
		SETOC	020	FAF	RF	L	FB	0.89		000.7	AA 01500	
		FONVI	021		RF	L	FB	0.3		000.9		
		JUBOL	022		RF	R	FB	0.3		000.8		
		WIRSO	023		TF		FB	0.3				
		FIROP	024		RF	R	FB	0.3		000.7		
		RW19	030	MAP	TF		FO	0.3			AT 00062	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		BADDN	040		DF		FO				AA 03000	
		BADDN	050		HM	R	FO		004.5 (355.5T)	004.0	AA 03000	
POINT DATA		WAYPOINT		LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS		
		FERGI		N385912.16		W0771050.18		N3859.203		W07710.836		
		BADDN		N384541.05		W0770143.22		N3845.684		W07701.720		
		CFBGW		N385602.83		W0770436.88		N3856.047		W07704.615		
		CFFJL		N385211.70		W0770336.52		N3852.195		W07703.609		
		CFFJM		N385248.93		W0770528.67		N3852.816		W07705.478		
		DARIC		N385749.71		W0770828.40		N3857.829		W07708.473		
		FIROP		N385216.21		W0770223.01		N3852.270		W07702.384		
		FONVI		N385417.10		W0770505.13		N3854.285		W07705.086		
		GREYZ		N385511.45		W0770638.52		N3855.191		W07706.642		
		JUBOL		N385354.90		W0770410.21		N3853.915		W07704.170		
		SETOC		N385440.52		W0770606.41		N3854.675		W07706.107		
		WIRSO		N385253.91		W0770246.30		N3852.899		W07702.772		
		RW19		N385140.29		W0770219.41		N3851.672		W07702.324		
RUNWAY DATA		RWY	THRESHOLD ELEVATION		TCH							
		RW19	00012		50							



CITY AND STATE <b>WASHINGTON, DC</b>	ELEVATION: <b>15</b>	TDZE: <b>13</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:	
	AIRPORT NAME: <b>RONALD REAGAN WASHINGTON NATIONAL</b>			<b>RNAV</b>	<b>RNAV (RNP) RWY 19, AMDT 2</b>  30 APRIL 2015	AMDT: <b>1A</b>
						DATED: <b>05/29/2014</b>