

<b>RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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	LPV: DA LNAV/VNAV: DA LNAV: RW19R  CLIMB TO 5000 DIRECT HIMRA AND VIA 280.14 TRACK TO OLIVR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.  ADDITIONAL FLIGHT DATA: HOLD W, RT, 092.00 INBOUND. CHART FAS OBST: 376 TREE 385912N/0772831W CHART FAS OBST: 461 POLE 385957N/0772845W CHART TDZ AND CENTERLINE LIGHTS DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.17 MILES TO RW19R* *LNAV ONLY. WAAS CHANNEL # 86709 REFERENCE PATH ID: W19D											
DRUZZ	CRVER (FB)	084.11 / 32.72	4800												
SHNON	CRVER (FB)	047.52 / 28.60	4400												
CRVER	BEEZY (FB)	123.10 / 10.73	4000												
MULRR	BEEZY (FB)	205.01 / 24.26	4000												
BEEZY (IAF)	LAUGH (FB)	190.66 / 4.69	3000												
LAUGH (IF)	MULKY (FB)	190.65 / 7.24	1700												
1. PT <u>NA</u> SIDE OF COURSE <u>          </u> OUTBOUND <u>          </u> FT WITHIN <u>          </u> MILES OF <u>          </u> (IAF) 2. <b>PROFILE STARTS AT LAUGH</b> 3. FAC: <u>190.65</u> FAF: <u>MULKY</u> DIST FAF TO MAP: <u>4.25</u> THLD: <u>4.25</u> 4. MIN. ALT: <u>LAUGH 3000, MULKY 1700</u> 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>1700</u> GS ALT AT: <u>MULKY 1700</u> OM: <u>          </u> MM: <u>          </u> IM: <u>          </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.1</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW19R 3400</u>				MAG VAR: 10W EPOCH YEAR: 2000											
<b>MINIMUMS</b>															
TAKEOFF:	<input type="checkbox"/> STANDARD	<input checked="" type="checkbox"/> X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	<b>STANDARD</b>										
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	478	2400	200	478	2400	200	478	2400	200	478	2400	200			
LNAV/VNAV DA	714	5000	436	714	5000	436	714	5000	436	714	5000	436			
LNAV MDA	720	2400	442	720	2400	442	720	4000	442	720	5000	442			
CIRCLING	940	1	628	940	1	628	940	1 3/4	628	940	2	628			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DRUZZ VIA V4 WEST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MULRR VIA V139-143 NORTHEAST BOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.															
CITY AND STATE				ELEVATION: 312 TDZE: 278		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMD NO./EFFECTIVE DATE:				SUP:			
WASHINGTON, DC				AIRPORT NAME:				RNAV (GPS) RWY 19R, ORIG				AMDT: NONE			
				WASHINGTON DULLES INTL				20 NOV 2008				DATED			

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV (GPS) 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	KIAD
RUNWAY	RW19R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19D
LTP/FTP LATITUDE	385814.7845N
LTP/FTP LONGITUDE	0772827.9825W
LTP/FTP ELLIPSOIDAL HEIGHT	+00525
FPAP LATITUDE	385641.7800N
FPAP LONGITUDE	0772829.3300W
THRESHOLD CROSSING HEIGHT (TCH)	00055.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

10B0BFDE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00844
FPAP ORTHOMETRIC HEIGHT	+00844

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KIADK6FR19R	ACRVER	010CRVERK6EA0E		IF					18000		A JS	G
SUSAP	KIADK6FR19R	ACRVER	020BEEZYK6EA0E	A	020TF		12310107	+	04000			A JS	G
SUSAP	KIADK6FR19R	ACRVER	030LAUGHK6EA0EE		010TF		19070047	+	03000			A JS	G
SUSAP	KIADK6FR19R	ADRUZZ	010DRUZZK6EA0E		IF					18000		A JS	G
SUSAP	KIADK6FR19R	ADRUZZ	020CRVERK6EA0E		020TF		08410327	+	04800			A JS	G
SUSAP	KIADK6FR19R	ADRUZZ	030BEEZYK6EA0E	A	020TF		12310107	+	04000			A JS	G
SUSAP	KIADK6FR19R	ADRUZZ	040LAUGHK6EA0EE		010TF		19070047	+	03000			A JS	G
SUSAP	KIADK6FR19R	AMULRR	010MULRRK6EA0E		IF					18000		A JS	G
SUSAP	KIADK6FR19R	AMULRR	020BEEZYK6EA0E	A	020TF		20500243	+	04000			A JS	G
SUSAP	KIADK6FR19R	AMULRR	030LAUGHK6EA0EE		010TF		19070047	+	03000			A JS	G
SUSAP	KIADK6FR19R	ASHNON	010SHNONK6EA0E		IF					18000		A JS	G
SUSAP	KIADK6FR19R	ASHNON	020CRVERK6EA0E		020TF		04750286	+	04400			A JS	G
SUSAP	KIADK6FR19R	ASHNON	030BEEZYK6EA0E	A	020TF		12310107	+	04000			A JS	G
SUSAP	KIADK6FR19R	ASHNON	040LAUGHK6EA0EE		010TF		19070047	+	03000			A JS	G
SUSAP	KIADK6FR19R	R	010LAUGHK6EA0E	I	IF			+	03000	18000		A JS	G
SUSAP	KIADK6FR19R	R	020MULKYK6EA1E	F	051TF		19070072	+	01700		RW19R K6PGA	JS	G
SUSAP	KIADK6FR19R	R	020MULKYK6EA2WALPV			ALNAV/VNAV	ALNAV					JS	G
SUSAP	KIADK6FR19R	R	030RW19RK6PGOGY	M	031TF		19070043		00332	-300		A JS	G

CITY AND STATE  WASHINGTON, DC	ELEVATION: 312      TDZE: 278  AIRPORT NAME:  WASHINGTON DULLES INTL	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 19R, ORIG  20 NOV 2008	SUP:
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SUSAP	KIADK6FR19R	R	040HIMRAK6EA0E	M	010DF
SUSAP	KIADK6FR19R	R	050OLIVRK6EA0EY		010TF
SUSAP	KIADK6FR19R	R	060OLIVRK6EA0EE	HR020HM	

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2801      + 05000
09200040  + 05000

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A	JS	G
A	JS	G
A	JS	G

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CITY AND STATE  
WASHINGTON, DC

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CRVER	CRVER	010		IF		FB				
	CRVER	BEEZY	020	IAF	TF		FB	2.0	123.1(113T)	010.7	04000
	CRVER	LAUGH	030		TF		FB	1.0	190.7(181T)	004.7	03000
	DRUZZ	DRUZZ	010		IF		FB				
	DRUZZ	CRVER	020		TF		FB	2.0	084.1(074T)	032.7	04800
	DRUZZ	BEEZY	030	IAF	TF		FB	2.0	123.1(113T)	010.7	04000
	DRUZZ	LAUGH	040		TF		FB	1.0	190.7(181T)	004.7	03000
	MULRR	MULRR	010		IF		FB				
	MULRR	BEEZY	020	IAF	TF		FB	2.0	205.0(195T)	024.3	04000
	MULRR	LAUGH	030		TF		FB	1.0	190.7(181T)	004.7	03000
	SHNON	SHNON	010		IF		FB				
	SHNON	CRVER	020		TF		FB	2.0	047.5(038T)	028.6	04400
	SHNON	BEEZY	030	IAF	TF		FB	2.0	123.1(113T)	010.7	04000
	SHNON	LAUGH	040		TF		FB	1.0	190.7(181T)	004.7	03000
		LAUGH	010	FACF	IF		FB				03000
		MULKY	020	FAF	TF		FB	0.5	190.7(181T)	007.2	01700
		RW19R	030	MAP	TF		FO	0.3	190.7(181T)	004.3	00332

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HIMRA	040		DF		FB	1.0			
	OLIVR	050		TF		FO	1.0	280.1(270T)		05000
	OLIVR	060		HM	R	FO	2.0	092.0(082T)	004.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BEEZY	N391425.81	W0772813.81	N3914.430	W07728.230
	CRVER	N391839.24	W0774055.79	N3918.654	W07740.930
	DRUZZ	N390948.28	W0782128.71	N3909.805	W07821.479
	HIMRA	N385314.51	W0772832.34	N3853.242	W07728.539
	LAUGH	N390944.26	W0772817.95	N3909.738	W07728.299
	MULKY	N390229.75	W0772824.27	N3902.496	W07728.405
	MULRR	N393753.12	W0772008.51	N3937.885	W07720.142
	OLIVR	N385314.63	W0775322.02	N3853.244	W07753.367
	SHNON	N385559.19	W0780322.35	N3855.987	W07803.373
	RW19R	N385814.78	W0772827.98	N3858.246	W07728.466

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH

CITY AND STATE  
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2011/11/17  
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