

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		LPV: DA LNAV/VNAV: DA LNAV: (CFSDN) CLIMB TO 420 THEN CLIMBING RIGHT TURN TO 1800 DIRECT DCA NDB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, LT, 007.00 INBOUND. FAS OBST: 539 AAO 385515N/0770524W. CHART P-56 A AND B. CHART P-73. DISTANCE TO THLD FROM 380 HAT: 1.02 NM. CHART VDP AT 2.33 NM TO CFSDN* *LNAV ONLY. WAAS CHANNEL # 70737 REFERENCE PATH ID: W15A CHART CIRCLING ICON. FICTITIOUS THRESHOLD POINT (CFSDN) DO NOT CHART. FAC CROSSES RWY C/L EXTENDED 5000 FT FROM THLD. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 2.79 DEGREES. LTP HAE: -27.8 M						
AML VOR/DME (IAF)		NIPEE (TF) (FB) (RNP 1.00)		078.81 / 11.41				2500								
NIPEE (IF)		AVOLE (TF) (FB) (RNP 1.00)		137.94 / 6.72				2000								
AVOLE (FAF)		(CFSDN) (MAP) (TF) (FO) (RNP 0.30)		150.80 / 6.06												
(CFSDN) (MAP)		420 MSL (CA)		150.80				420								
420 MSL		DCA NDB (DF) (FO) (RNP 1.00)						1800								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT NIPEE 3. FAC: 150.80 FAF: AVOLE DIST FAF TO MAP: 6.06 THLD: 6.06 4. MIN. ALT: NIPEE 2500, AVOLE 2000 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2000 GS ALT AT: AVOLE 2000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR 8. MSA FROM: CFSDN 2600										MAG VAR: 11W EPOCH YEAR: 2020						
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	394	1 1/4	380	394	1 1/4	380	394	1 1/4	380	394	1 1/4	380				
LNAV/VNAV DA	745	2 1/2	731	745	2 1/2	731	745	2 1/2	731	745	2 1/2	731				
LNAV MDA	800	1	786	800	1 1/4	786	800	2 1/2	786	800	2 1/2	786				
CIRCLING	800	1	786	800	1 1/4	786	840	2 1/2	826	900	3	886				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -9C (16F) OR ABOVE 54C (130F). @ CAT C 900-2 1/2, CAT D 900-3 CHART NOTE: CIRCLING NA NORTHEAST OF RWY 15-33. CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. (CONTINUED ON PAGE 2)																
CITY AND STATE		ELEVATION: 14 TDZE: 14		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:						
WASHINGTON, DC		AIRPORT NAME:		RONALD REAGAN WASHINGTON NATIONAL		RNAV (GPS) RWY 15, ORIG-A				AMDT: ORIG						
						26 APRIL 2018				DATED 08/20/2015						



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART PROFILE NOTE: VGSi AND RNAV GLIDE PATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).

CHART PLANVIEW NOTE: NOTE: PROHIBITED AREA (P-56) 1.5 NM NORTH OF DCA - AVOID SURFACE TO 18000 MSL.

CHART PLANVIEW NOTE: LIMIT MISSED APPROACH AIRSPEED TO 210 KIAS UNTIL REACHING 420 FT MSL.

QUALITY
16
CHECKED

CITY AND STATE
WASHINGTON, DC

ELEVATION: 14 TDZE: 14
AIRPORT NAME:
RONALD REAGAN WASHINGTON NATIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 15, ORIG-A
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AMDT: ORIG
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**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	KDCA
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	385141.7340N
LTP/FTP LONGITUDE	0770233.5150W
LTP/FTP ELLIPSOIDAL HEIGHT	-00278
FPAP LATITUDE	385033.5600N
FPAP LONGITUDE	0770119.9790W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
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)	50.0
 <u>CRC REMAINDER</u>	 B2E0B3A0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00043
FPAP ORTHOMETRIC HEIGHT	+00043

QUALITY
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CHECKED

CITY AND STATE WASHINGTON, DC	ELEVATION: 14 AIRPORT NAME: RONALD REAGAN WASHINGTON NATIONAL	TDZE: 14 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, ORIG-A 26 APRIL 2018	SUP:
				AMDT: ORIG
				DATED: 08/20/2015