

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
FAR 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	
GILBY	KIESS (FB)	186.63 / 15.62	4000	LPV: DA LNAV/VNAV: DA LNAV: RW01C  CLIMB TO 3000 DIRECT BOYDS AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD N, RT, 190.65 INBOUND. CHART FAS OBST: 632 ATCT 385620N/0772654W CHART FAS OBST: 348 TREE 385609N/0772817W CHART R-6608. DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.71 MILES TO RW01C* *LNAV ONLY. WAAS CHANNEL # 97509 REFERENCE PATH ID: W01B
BARIN (IAF)	ERACE (FB)	338.31 / 8.87	4000	
KIESS (IAF)	ERACE (FB)	100.59 / 5.00	4000	
ERACE (IF)	CARRY (FB)	010.65 / 5.66	2900	
CARRY	SKINS (FB)	010.65 / 1.88	2300	

1. PT NA SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. PROFILE STARTS AT ERACE
3. FAC: 010.65 FAF: SKINS DIST FAF TO MAP: 6.05 THLD: 6.05
4. MIN. ALT: ERACE 4000, CARRY 2900, SKINS 2300
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 2300 GS ALT AT: SKINS 2300 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 54.0 34:1 IS CLEAR
8. MSA FROM: RW01C 3400

MAG VAR: 10W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	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	486	2400	200	486	2400	200	486	2400	200	486	2400	200			
LNAV/VNAV DA	785	6000	499	785	6000	499	785	6000	499	785	6000	499			
LNAV MDA	900	2400	614	900	2400	614	900	6000	614	900	1 1/2	614			
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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE  WASHINGTON, DC	ELEVATION: 312 TDZE: 286 AIRPORT NAME:  WASHINGTON DULLES INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 1C, AMDT 1 20 NOV 2008	SUP:
				AMDT: ORIG-A
				DATED 06/05/2008

CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIAD
RUNWAY	RW01C
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01B
LTP/FTP LATITUDE	385620.6400N
LTP/FTP LONGITUDE	0772735.2100W
LTP/FTP ELLIPSOIDAL HEIGHT	+00554
FPAP LATITUDE	385814.8000N
FPAP LONGITUDE	0772733.5500W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

95C5CE75

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00873
FPAP ORTHOMETRIC HEIGHT	+00873

CITY AND STATE  
WASHINGTON, DC

ELEVATION: 312 TDZE: 286  
AIRPORT NAME:  
WASHINGTON DULLES INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) Y RWY 1C, AMDT 1  
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**ARINC PACKET - 424-18**[illegible][illegible][illegible][illegible][illegible]

CITY AND STATE  WASHINGTON, DC	ELEVATION: 312      TDZE: 286  AIRPORT NAME:  WASHINGTON DULLES INTL	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) Y RWY 1C, AMDT 1  20 NOV 2008	SUP:
				AMDT:      ORIG A
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ES:HECK

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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
BARIN		BARIN	010	IAF	IF		FB				
BARIN		ERACE	020		TF		FB	1.0	338.3(328T)	008.9	04000
GILBY		GILBY	010		IF		FB				
GILBY		KIESS	020	IAF	TF		FB	2.0	186.6(177T)	015.6	04000
GILBY		ERACE	030		TF		FB	1.0	100.6(091T)	005.0	04000
		ERACE	010	FACF	IF		FB				04000
		CARRY	011	SDF	TF		FB	0.5	010.7(001T)	005.7	02900
		SKINS	020	FAF	TF		FB	0.5	010.7(001T)	001.9	02300
		RW01C	030	MAP	TF		FO	0.3	010.7(001T)	006.1	00340

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BOYDS	040		DF		FO	1.0			03000
	BOYDS	050		HM	R	FO	2.0	190.7(181T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BARIN	N383510.92	W0772150.09	N3835.182	W07721.835
	BOYDS	N391231.01	W0772721.08	N3912.517	W07727.351
	CARRY	N384824.01	W0772742.12	N3848.400	W07727.702
	ERACE	N384243.85	W0772747.04	N3842.731	W07727.784
	GILBY	N385823.61	W0773520.64	N3858.394	W07735.344
	KIESS	N384247.12	W0773410.29	N3842.785	W07734.172
	SKINS	N385017.16	W0772740.48	N3850.286	W07727.675
	RW01C	N385620.64	W0772735.21	N3856.344	W07727.587

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01C	00286	54

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