

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	
HOAGE	CLADD (FO)	151.16 / 9.50	3700	LPV: DA LNAV/VNAV: DA LNAV: RW32
LDN VORTAC	DORGY (FB)	065.98 / 9.72	4700	
DORGY (IAF)	CLADD (NOPT) (FB)	053.83 / 5.00	3700	CLIMB TO 5000 DIRECT IMHEM AND VIA TRACK 017.59 TO MEPEW AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.
JASEN (IAF)	CLADD (NOPT) (FB)	242.06 / 5.42	3700	
CLADD (IF/IAF)	CEDER (FB)	323.88 / 3.02	3200	ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.13 INBOUND. CHART FAS OBST: 842 TWR 390647N/0780654W CHART FAS OBST: 786 TREE 390800N/0780735W DISTANCE TO THLD FROM 200 HAT: 0.53 NM. CHART VDP AT 1.11 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 97512 REFERENCE PATH ID: W32A
CEDER	COGAN (FB)	323.85 / 4.00	2200	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE CLADD, RT, 323.88 INBOUND, 3700 FT. IN LIEU OF PT (IAF)
- FAC: 323.81 FAF: COGAN DIST FAF TO MAP: 4.51 THLD: 4.51
- MIN. ALT: CLADD 3700, CEDER 3200, COGAN 2200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2200 GS ALT AT: COGAN OM: MM: IM:
- GS ANGLE: 3.00 TCH: 44.4 34:1 IS NOT CLEAR
- MSA FROM: RW32 4700

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	915	3/4	200	915	3/4	200	915	3/4	200	915	3/4	200				
LNAV/VNAV DA	1056	3/4	341	1056	3/4	341	1056	3/4	341	1056	3/4	341				
LNAV MDA	1100	3/4	385	1100	3/4	385	1100	3/4	385	1100	1	385				
CIRCLING	1120	1	394	1260	1	534	1260	1 1/2	534	1280	2	554				

NOTES:

CHART NOTE: BARO-VNAV NA WHEN USING MARTINSBURG ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

SEE 8260-10

CITY AND STATE	ELEVATION: 726 TDZE: 715	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG 27 AUG 2009	SUP: <i>02/11/12</i>
WINCHESTER, VA	AIRPORT NAME: WINCHESTER RGNL			AMDT: <i>NONE</i>
				DATED

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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE MARTINSBURG ALTIMETER SETTING AND INCREASE ALL DA 63 FEET AND ALL MDA 80 FEET, AND LNAV/VNAV ALL CATS AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MASLR, INCREASE LNAV CATS A, B, AND C VISIBILITY TO 1 MILE AND LNAV CAT D VISIBILITY TO 1 1/4 MILE.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING MARTINSBURG ALTIMETER SETTING, INCREASE LPV ALL CATS AND LNAV CATS A AND B VISIBILITY TO 1 MILE.

CHART NOTE: VDP NA WHEN USING MARTINSBURG ALTIMETER SETTING.

CITY AND STATE

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FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KOKV
RUNWAY RW32
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W32A
LTP/FTP LATITUDE 390817.8950N
LTP/FTP LONGITUDE 0780814.8020W
LTP/FTP ELLIPSOIDAL HEIGHT +01799
FPAP LATITUDE 390857.8100N
FPAP LONGITUDE 0780908.3100W
THRESHOLD CROSSING HEIGHT (TCH) 00044.4
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0104
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

9DBEA573

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K6
LTP ORTHOMETRIC HEIGHT +02136
FPAP ORTHOMETRIC HEIGHT +02136

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible][illegible]

CITY AND STATE WINCHESTER, VA	ELEVATION: 726 TDZE: 715 AIRPORT NAME: WINCHESTER RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG 27 AUG 2009	SUP:
				AMDT: NONE
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SUSAP KOKVK6FR32 R 050MEPEWK6EA0EY 010TF
SUSAP KOKVK6FR32 R 060MEPEWK6EA0EE HR020HM

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0176      + 05000
09010040  + 05000
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A JS
A JS

[illegible][illegible][illegible]

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CITY AND STATE
WINCHESTER, VA

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
HOAGE	HOAGE	HOAGE	010		IF		FB				
HOAGE	CLADD	CLADD	020		TF		FO	2.0	151.2(141T)	009.5	03700
HOAGE	CLADD	CLADD	030		HF	R	FO		323.9(314T)	004.0	03700
JASEN	JASEN	JASEN	010	IAF	IF		FB				
JASEN	CLADD	CLADD	020		TF		FB	1.0	242.1(232T)	005.4	03700
LDN	LDN	LDN	010		IF		FB				
LDN	DORGY	DORGY	020		TF		FB	2.0	066.0(056T)	009.7	04700
LDN	CLADD	CLADD	030		TF		FB	1.0	053.8(044T)	005.0	03700
	CLADD	CLADD	010	FACF	IF		FB				03700
	CEDER	CEDER	011	SDF	TF		FB	0.5	323.9(314T)	003.0	03200
	COGAN	COGAN	020	FAF	TF		FB	0.5	323.9(314T)	004.0	02200
	RW32	RW32	030	MAP	TF		FO	0.3	313.8(304T)	004.5	00745

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	IMHEM	040		DF		FB	1.0			
	MEPEW	050		TF		FO	1.0	017.6(008T)		05000
	MEPEW	060		HM	R	FO	2.0	090.1(080T)	004.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LDN	N385115.81	W0781220.00	N3851.264	W07812.333
	CEDER	N390224.09	W0780021.56	N3902.402	W07800.359
	CLADD	N390018.40	W0775733.94	N3900.307	W07757.566
	COGAN	N390510.39	W0780403.74	N3905.173	W07804.062
	DORGY	N385641.87	W0780200.48	N3856.698	W07802.008
	HOAGE	N390742.96	W0780512.41	N3907.716	W07805.207
	IMHEM	N391302.90	W0781437.50	N3913.048	W07814.625
	JASEN	N390338.50	W0775205.19	N3903.642	W07752.087
	MEPEW	N392003.24	W0781325.35	N3920.054	W07813.423
	RW32	N390817.90	W0780814.80	N3908.298	W07808.247

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW32	00701		44

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