

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: RW11 CLIMB TO 2700 DIRECT SPAGS AND HOLD, WHEN AUTHORIZED BY ATC, CONTINUE CLIMB-IN-HOLD TO 3000. ADDITIONAL FLIGHT DATA: HOLD E, LT, 288.94 INBOUND. CHART FAS OBST: 1255 TREE 421644N/0715516W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.52 NM TO RW11* *LNAV ONLY. WAAS CHANNEL # 77999 REFERENCE PATH ID: W11A CHART CIRCLING ICON. LTP HAE: 270.1 M											
BAF VORTAC (IAF)	SPENO (TF) (FB) (RNP 1.00)	089.02 / 26.04	3000												
WITNY (IAF)	SPENO (TF) (FB) (RNP 1.00)	029.88 / 14.32	3000												
SPENO (IF)	RILOC (TF) (FB) (RNP 1.00)	108.66 / 6.21	2800												
RILOC (FAF)	RW11 (MAP) (TF) (FO) (RNP 0.30)	108.76 / 5.54													
RW11 (MAP)	1180 MSL (CA)	108.76													
1180 MSL	SPAGS (DF) (FO) (RNP 1.00)		2700												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT SPENO 3. FAC: <u>108.76</u> FAF: <u>RILOC</u> DIST FAF TO MAP: <u>5.54</u> THLD: <u>5.54</u> 4. MIN. ALT: SPENO 3000, RILOC 2800 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>RILOC 2800</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW11 3300</u>				MAG VAR: 15W EPOCH YEAR: 1995											
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	1180	4000	200	1180	4000	200	1180	4000	200	1180	4000	200			
LNAV/VNAV DA	1565	1 1/2	585	1565	1 1/2	585	1565	1 1/2	585	1565	1 1/2	585			
LNAV MDA	1520	4000	540	1520	4000	540	1520	5500	540	1520	5500	540			
CIRCLING	1560	1	551	1720	1	711	2000	3	991	2000	3	991			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F). @ CAT C, D 1000-3 CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BAF VORTAC AIRWAY RADIALS 066 CW 121. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WITNY ON V229 SOUTHWEST BOUND. (CONTINUED ON PAGE 2)															
CITY AND STATE WORCESTER, MA		ELEVATION: 1009 TDZE: 980 AIRPORT NAME: WORCESTER RGNL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, AMDT 2, 08/17/2017				SUP: AMDT: 1A DATED 06/26/2014					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SPENO ON V229 SOUTHWEST BOUND AND V270 WESTBOUND.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CATS A/B.

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**RNAV 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	KORH
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	421602.3865N
LTP/FTP LONGITUDE	0715326.8655W
LTP/FTP ELLIPSOIDAL HEIGHT	+02701
FPAP LATITUDE	421556.4000N
FPAP LONGITUDE	0715127.1400W
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	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

432E44D0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02987
FPAP ORTHOMETRIC HEIGHT	+02987

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