

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29				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		ILS: DA LOC: 5.21 MILES AFTER SPAGS INT/EKW 6.46 DME OR AT I-EKW 1.25 DME FIX CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 240 AND ON GDM VOR/DME R-179 TO GRIPE/GDM 25.48 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 240 AND ON PUT VOR/DME R-359 TO GRIPE /PUT 11.20 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 178.85 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N GRIPE/PUT 11.20 DME, RT, 179.00 INBOUND. CHART (CFLSR) AT 421528.21N/0714212.73W CHART FAS OBST: 1008 TREE 421552N/0715153W CHART GOZZR LOM IN HALF-TONE. *LOC ONLY CHART VDP AT 2.13 DME* DISTANCE VDP TO THLD 0.87 MILES							
PUT VOR/DME		SPAGS INT/I-EKW 6.46 DME		027.14 / 18.77		2700									
GDM VOR/DME		SPAGS INT/I-EKW 6.46 DME		155.12 / 21.99		3500									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E SPAGS, LT, 288.86 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 288.86 FAF: SPAGS INT/I-EKW 6.46 DME DIST FAF TO MAP: 5.21 THLD: 5.21 4. MIN. ALT: SPAGS 2700 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: 981 6. MIN GS INCPT: 2700 GS ALT AT: SPAGS 2700 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 53.6 8. MSA FROM: GDM VOR/DME 060-330 3300, 330-060 4400								MAG VAR: 15W EPOCH YEAR: 1995							
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		ILS: STANDARD #		LOC: 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
S-ILS 29	1188	4000	200	1188	4000	200	1188	4000	200	1188	4000	200			
S-LOC 29	1340	5500	352	1340	5500	352	1340	5500	352	1340	5500	352			
CIRCLING	1560	1	551	1640	1	631	1720	2	711	1980	3	971			
NOTES: CHART NOTE: DME REQUIRED. CHART NOTE: VDP NA WITH BEDFORD ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BEDFORD ALTIMETER SETTING AND INCREASE ALL DA 189 FEET AND ALL MDA 200 FEET; INCREASE S-ILS ALL CATS VISIBILITY TO 6000 RVR, INCREASE (SEE FORM 8260-10) <div style="float: right; text-align: right;"> # CAT B 700-2, CAT C 800-2, CAT D 1000-3 @ CAT D 1000-3 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE. # @ NA WHEN CONTROL TOWER CLOSED. </div>															
CITY AND STATE		ELEVATION: 1009 THRE: 988		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
WORCESTER, MA		AIRPORT NAME:		I-EKW		ILS OR LOC RWY 29, AMDT 4				AMDT: 3					
		WORCESTER RGNL				28 JUNE 2012				DATED 12/22/2005					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

S-LOC CATS C/D VISIBILITY TO 1 5/8, AND INCREASE CIRCLING CAT C/D TO VISIBILITY 1 1/2 MILE.

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1266 FEET.

CHECKED
1
QUALITY

CITY AND STATE

WORCESTER, MA

ELEVATION: 1009

THRE: 988

AIRPORT NAME:

WORCESTER RGNL

FACILITY
IDENTIFIER:

I-EKW

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 29, AMDT 4

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KORHK6FI29	AGDM	010GDM	K6D 0V	IF					18000			0 DS	
SUSAP KORHK6FI29	AGDM	020SPAGSK6EA0EY	TF					+ 03500				0 DS	
SUSAP KORHK6FI29	AGDM	030SPAGSK6EA0EE AL	HF IEKWK6		108800652889T010PI			+ 02700				0 DS	
SUSAP KORHK6FI29	APUT	010PUT K6D 0V	IF						18000			0 DS	
SUSAP KORHK6FI29	APUT	020SPAGSK6EA0EY	TF					+ 02700				0 DS	
SUSAP KORHK6FI29	APUT	030SPAGSK6EA0EE AL	HF IEKWK6		108800652889T010PI			+ 02700				0 DS	
SUSAP KORHK6FI29	I	010CFLSRK6EA0E I	IF IEKWK6		10880085		PI	J 0270000270018000				0 DS	
SUSAP KORHK6FI29	I	020SPAGSK6EA0E F	CF IEKWK6		1088006528900020PI		H	02700002700		-300GDM	K6D	0 DS	
SUSAP KORHK6FI29	I	030RW29 K6PGOGY M	CF IEKWK6		1088001328900052PI			01042		-300		0 DS	
SUSAP KORHK6FI29	I	040 0 M	CA					+ 01600				0 DS	
SUSAP KORHK6FI29	I	050 0	VI					2400				0 DS	
SUSAP KORHK6FI29	I	060GRIPEK6EA0EY	CF GDM K6		1789025517890090D			+ 03000				0 DS	
SUSAP KORHK6FI29	I	070GRIPEK6EA0EE R	HM				1789T010	+ 03000				0 DS	

[illegible][illegible]

SUP:	
AMDT:	3
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FLIGHT STANDARDS SERVICES - FAR PART 97.29

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SUSAP KORHK6IIEKW1 011090RW29 N42160278W0715334862889N42160097W0715206760603 09810527300W01505400987

[illegible]

QUALITY
CHECKED

CITY AND STATE WORCESTER, MA	ELEVATION: 1009 THRE: 988 AIRPORT NAME: WORCESTER RGNL	FACILITY IDENTIFIER: I-EKW	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 29, AMDT 4 28 JUNE 2012	SUP:
				AMDT: 3
				DATED: 12/22/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
GDM		GDM	010		IF		FB					
GDM		SPAGS	020		TF		FO				AA 03500	
GDM		SPAGS	030	IAF	HF	L	FO		288.9()	T01.0	AA 02700	
PUT		PUT	010		IF		FB					
PUT		SPAGS	020		TF		FO				AA 02700	
PUT		SPAGS	030	IAF	HF	L	FO		288.9()	T01.0	AA 02700	
		CFLSR	010	FACF	IF		FB				AA 02700	GI 02700
		SPAGS	020	FAF	CF		FB		289.0()	002.0	GI 02700	GS 02700
		RW29	030	MAP	CF		FO		289.0()	005.2	AT 01042	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		288.9()		AA 01600	
		050		VI		FB		240.0()			
	GRIPE	060		CF		FO		178.9()	009.0	AA 03000	
	GRIPE	070		HM	R	FO		178.9()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GDM	N423245.42	W0720329.48	N4232.757	W07203.491
	PUT	N415719.66	W0715038.74	N4157.328	W07150.646
	IEKW (DME)	N421605.50	W0715334.53	N4216.092	W07153.576
	CFLSR	N421528.21	W0714212.73	N4215.470	W07142.212
	GRIPE	N420808.87	W0715432.47	N4208.148	W07154.541
	SPAGS	N421536.49	W0714454.10	N4215.608	W07144.902
	RW29	N421557.75	W0715153.97	N4215.963	W07151.900
	IEKW (LOC)	N421602.78	W0715334.86	N4216.046	W07153.581

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW29	00988		54

CITY AND STATE
WORCESTER, MAELEVATION: 1009 THRE: 988
AIRPORT NAME:
WORCESTER RGNLFACILITY
IDENTIFIER:
I-EKWPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 29, AMDT 4
28 JUNE 2012

SUP:

AMDT: 3

DATED: 12/22/2005

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KORHK6FL29	AGDM	010GDM	K6D	0V	IF					18000		0	DS
SUSAP KORHK6FL29	AGDM	020SPAGSK6EA0EY			TF				+ 03500			0	DS
SUSAP KORHK6FL29	AGDM	030SPAGSK6EA0EE AL			HF IEKWK6	108800652889T010PI			+ 02700			0	DS
SUSAP KORHK6FL29	APUT	010PUT	K6D	0V	IF					18000		0	DS
SUSAP KORHK6FL29	APUT	020SPAGSK6EA0EY			TF				+ 02700			0	DS
SUSAP KORHK6FL29	APUT	030SPAGSK6EA0EE AL			HF IEKWK6	108800652889T010PI			+ 02700			0	DS
SUSAP KORHK6FL29	L	010CFLSRK6EA0E I			IF IEKWK6	10880085		PI	+ 02700	18000		0	DS
SUSAP KORHK6FL29	L	020SPAGSK6EA0E F			CF IEKWK6	1088006528900020PI			+ 02700		GDM K6D	0	DS
SUSAP KORHK6FL29	L	030RW29 K6PGOGY M			CF IEKWK6	1088001328900052PI			01042	-300		0	DS
SUSAP KORHK6FL29	L	040	0	M	CA	2889			+ 01600			0	DS
SUSAP KORHK6FL29	L	050	0		VI	2400						0	DS
SUSAP KORHK6FL29	L	060GRIPEK6EA0EY			CF GDM K6	1789025517890090D			+ 03000			0	DS
SUSAP KORHK6FL29	L	070GRIPEK6EA0EE R			HM	1789T010			+ 03000			0	DS

[illegible][illegible]

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LOC STANDARD INSTRUMENT APPROACH PROCEDURE

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SUSAP KORHK6IIEKW1 011090RW29 N42160278W0715334862889N42160097W0715206760603 09810527300W01505400987

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KORHK6SGDM K6D						0	1502400442524015003325						M

CITY AND STATE
WORCESTER, MA

ELEVATION: 1009 THRE: 988
AIRPORT NAME:
WORCESTER RGNL

FACILITY
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PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
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LOC STANDARD INSTRUMENT APPROACH PROCEDURE

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GDM		GDM	010		IF		FB					
GDM		SPAGS	020		TF		FO				AA 03500	
GDM		SPAGS	030	IAF	HF	L	FO		288.9()	T01.0	AA 02700	
PUT		PUT	010		IF		FB					
PUT		SPAGS	020		TF		FO				AA 02700	
PUT		SPAGS	030	IAF	HF	L	FO		288.9()	T01.0	AA 02700	
		CFLSR	010	FACF	IF		FB				AA 02700	
		SPAGS	020	FAF	CF		FB		289.0()	002.0	AA 02700	
		RW29	030	MAP	CF		FO		289.0()	005.2	AT 01042	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		288.9()		AA 01600	
		050		VI		FB		240.0()			
	GRIPE	060		CF		FO		178.9()	009.0	AA 03000	
	GRIPE	070		HM	R	FO		178.9()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
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	PUT	N415719.66	W0715038.74	N4157.328	W07150.646
	IEKW (DME)	N421605.50	W0715334.53	N4216.092	W07153.576
	CFLSR	N421528.21	W0714212.73	N4215.470	W07142.212
	GRIPE	N420808.87	W0715432.47	N4208.148	W07154.541
	SPAGS	N421536.49	W0714454.10	N4215.608	W07144.902
	RW29	N421557.75	W0715153.97	N4215.963	W07151.900
	IEKW (LOC)	N421602.78	W0715334.86	N4216.046	W07153.581

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW29	00988		54

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	AIRPORT NAME: WORCESTER RGNL				AMDT: 3
					DATED: 12/22/2005