

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		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: I-GUW 1.56 DME FIX CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 3000 DIRECT ETX VOR/DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 093 AND ON STW VOR/DME R-243 TO MUDRE INT/I-GUW 13.62 DME/RADAR AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 112.33 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE MUDRE INT/I-GUW 13.62 DME/RADAR, RT, 243.06 INBOUND. CHART FAS OBST: 496 T-L TWR 404031N/0752439W CHART VDP AT 2.69 DME"; DISTANCE VDP TO THLD 1.13 MILES. *LOC ONLY.											
STW VOR/DME (IAF)	MUDRE INT/I-GUW 13.62 DME/RADAR (NOPT)	243.06 / 20.53	3000												
MUDRE INT/I-GUW 13.62 DME/RADAR (IF/IAF)	MUSYK/I-GUW 7.72 DME/RADAR	243.28 / 5.89 (I-GUW)	2400												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE MUDRE, RT, 243.28 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>243.28</u> FAF: <u>MUSYK/I-GUW 7.72 DME/RADAR</u> DIST FAF TO MAP: <u>6.17</u> THLD: <u>6.17</u> 4. MIN. ALT: MUDRE 3000, MUSYK 2400, NENTE/I-GUW 4.56 DME 1380* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u>1056</u> 6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>MUSYK 2400</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.3</u> 8. MSA FROM: ETX VOR/DME 080-260 2600, 260-080 3600				MAG VAR: 12W EPOCH YEAR: 2005											
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 24	581	4000	200	581	4000	200	581	4000	200	581	4000	200			
S-LOC 24	800	5500	419	800	5500	419	800	6000	419	800	6000	419			
CIRCLING	900	1	506	900	1	506	900	1 1/2	506	980	2	586			
NOTES: CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.															
CITY AND STATE ALLENTOWN, PA		ELEVATION: 394 THRE: 381 AIRPORT NAME: LEHIGH VALLEY INTL		FACILITY IDENTIFIER: I-GUW		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC/DME RWY 24, AMDT 1 27 JUNE 2013				SUP: AMDT: ORIG-A DATED 02/16/2006					

 QUALITY
2
CHECKED

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KABEK6FI24	AMUDRE	010MUDREK6EA0EE	AR	HF	IGUWK6	063301362433T010PI	+	03000	18000			0	NS
SUSAP KABEK6FI24	ASTW	010STW	K6D OV	A	FC	STW K6	0000000024310185D	+	03000	18000		0	NS
SUSAP KABEK6FI24	ASTW	020MUDREK6EA0EE	B	CF	IGUWK6	0633013624310020PI	+	03000				0	NS
SUSAP KABEK6FI24	I	010MUDREK6EA0E	I	IF	IGUWK6	06330136	PI	J	030000240018000			0	NS
SUSAP KABEK6FI24	I	020MUSYKK6EA0E	F	CF	IGUWK6	0633007724300059PI	H	0240002400		-300ETX	K6D	0	NS
SUSAP KABEK6FI24	I	030RW24	K6PG0GY	M	CF	IGUWK6	0633001624300062PI		00436	-300		0	NS
SUSAP KABEK6FI24	I	040	0	M	CA	2433	+	00900				0	NS
SUSAP KABEK6FI24	I	050ETX	K6D OVY		DF		+	03000				0	NS
SUSAP KABEK6FI24	I	060ETX	K6D OVE	R	HM	1123T010	+	03000				0	NS

[illegible][illegible][illegible]

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SUSAP KABEK6SETX K6D

0 0802600362526008002625

M

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	MUDRE	MUDRE	010	IAF	HF	R	FO		243.3()	T01.0	AA 03000	
	STW	STW	010	IAF	FC		PB		243.1()	018.5	AA 03000	
	STW	MUDRE	020		CF		PB		243.1()	002.0	AA 03000	
		MUDRE	010	FACF	IF		PB				AA 03000	GI 02400
		MUSYK	020	FAF	CF		PB		243.0()	005.9	GI 02400	GS 02400
		RW24	030	MAP	CF		FO		243.0()	006.2	AT 00436	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		PB		243.3()		AA 00900	
	ETX	050		DF		FO				AA 03000	
	ETX	060		HM	R	FO		112.3()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ETX	N403451.73	W0754102.52	N4034.862	W07541.042
	STW	N405944.95	W0745208.51	N4059.749	W07452.142
	IGUW (DME)	N403836.52	W0752728.42	N4038.609	W07527.474
	MUDRE	N404705.20	W0751327.32	N4047.087	W07513.455
	MUSYK	N404324.42	W0751930.77	N4043.407	W07519.513
	RW24	N403932.96	W0752550.53	N4039.549	W07525.842
	IGUW (LOC)	N403834.58	W0752726.09	N4038.576	W07527.435

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00381	55

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KABEK6FL24	AMUDRE	010MUDREK5EA0EE	AR	HF	IGUWK6	063301362433T010PI	+	03000	18000			0	DS
SUSAP KABEK6FL24	ASTW	010STW	K6D OV	A	PC	STW K6	0000000024310185D	+	03000	18000		0	DS
SUSAP KABEK6FL24	ASTW	020MUDREK6EA0EE	B	CF	IGUWK6	0633013624310020PI	+	03000				0	DS
SUSAP KABEK6FL24	L	010MUDREK5EA0E	I	IF	IGUWK6	06330136	PI	+	03000	18000		0	DS
SUSAP KABEK6FL24	L	020MUSYKK6EA0E	F	CF	IGUWK6	0633007724300059PI	+	02400			ETX	K6D	0 DS
SUSAP KABEK6FL24	L	021NENTEK6EA0E	S	CF	IGUWK6	0633004624300032PI	+	01380		-300		0	DS
SUSAP KABEK6FL24	L	030RW24	K6PGOGY	M	CF	IGUWK6	0633001624300030PI		00436	-300		0	DS
SUSAP KABEK6FL24	L	040		0	M	CA	2433	+	00900			0	DS
SUSAP KABEK6FL24	L	050ETX	K6D	OVY	DF			+	03000			0	DS
SUSAP KABEK6FL24	L	060ETX	K6D	OVE	R	HM	1123T010	+	03000			0	DS

[illegible][illegible]

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MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KABEK6SETX K6D 0 0802600362526008002625 M

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	MUDRE	MUDRE	010	IAF	HF	R	FO		243.3()	T01.0	AA 03000	
	STW	STW	010	IAF	FC		FB		243.1()	018.5	AA 03000	
	STW	MUDRE	020		CF		FB		243.1()	002.0	AA 03000	
		MUDRE	010	FACF	IF		FB				AA 03000	
		MUSYK	020	PAF	CF		FB		243.0()	005.9	AA 02400	
		NENTE	021	SDF	CF		FB		243.0()	003.2	AA 01380	
		RW24	030	MAP	CF		FO		243.0()	003.0	AT 00436	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		243.3()		AA 00900	
	ETX	050		DF		FO				AA 03000	
	ETX	060		HM	R	FO		112.3()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ETX	N403451.73	W0754102.52	N4034.862	W07541.042
	STW	N405944.95	W0745208.51	N4059.749	W07452.142
	IGUW (DME)	N403836.52	W0752728.42	N4038.609	W07527.474
	MUDRE	N404705.20	W0751327.32	N4047.087	W07513.455
	MUSYK	N404324.42	W0751930.77	N4043.407	W07519.513
	NENTE	N404125.59	W0752245.91	N4041.427	W07522.765
	RW24	N403932.96	W0752550.53	N4039.549	W07525.842
	IGUW (LOC)	N403834.58	W0752726.09	N4038.576	W07527.435

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW24	00381	55

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