

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: RW13 CLIMB TO 3000 DIRECT KOCEC AND ON TRACK 083.51 TO LIZZI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 115.05 INBOUND. CHART FAS OBST: 536 CTRL TWR 403929N/0752630W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.13 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 82532 REFERENCE PATH ID: W13A CHART CIRCLING ICON. LTP HAE: 82.4 M									
ROCOY		TIKLE (FB)		226.13 / 13.94				4000											
BEERS		TIKLE (FB)		269.92 / 8.28				4000											
DUMMR		JAREV (FB)		060.25 / 20.87				4000											
TIKLE (IAF)		LOCID (FB)		200.05 / 5.70				3000											
JAREV (IAF)		LOCID (FB)		069.23 / 6.19				3000											
LOCID (IF)		MOOVY (FB)		134.86 / 5.04				2400											
MOOVY (FAF)		IZKIP/2.60 NM TO RW13 (FB)		134.93 / 3.56															
(SEE FORM 8260-10)																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT LOCID _____ 3. FAC: <u>134.93</u> FAF: <u>MOOVY</u> DIST FAF TO MAP: <u>6.16</u> THLD: <u>6.16</u> 4. MIN. ALT: <u>LOCID 3000, MOOVY 2400, IZKIP/2.60 NM TO RW13 1260*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>MOOVY 2400</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>56.0</u> <u>34: 1 IS CLEAR</u> 8. MSA FROM: <u>RW13 3600</u>																MAG VAR: 12W		EPOCH YEAR: 2005	
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	586	1/2	200	586	1/2	200	586	1/2	200	586	1/2	200							
LNAV/VNAV DA	700	1/2	314	700	1/2	314	700	1/2	314	700	1/2	314							
LNAV MDA	800	1/2	414	800	1/2	414	800	3/4	414	800	3/4	414							
CIRCLING	900	1	506	900	1	506	1180	2 1/4	786	1600	3	1206							
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ CAT C 800-2 1/4, CAT D 1300-3 CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BEERS ON V232 EASTBOUND AND V149-408 NORTHBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DUMMR ON V93 SOUTHWEST BOUND, V162 WESTBOUND, (SEE FORM 8260-10)																			
CITY AND STATE		ELEVATION: 394 TDZE: 386				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:							
ALLENTOWN, PA		AIRPORT NAME: LEHIGH VALLEY INTL						RNAV (GPS) RWY 13, AMDT 2 28 APRIL 2016				AMDT: 1							
												DATED 06/27/2013							

QUALITY
4
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IZKIP/2.60 NM TO RW13	RW13 (MAP) (FO)	134.93 / 2.60	
RW13 (MAP)	586 MSL	134.93	
586 MSL	KOCEC (FB)		
KOCEC	LIZZI (FO)	083.51 / 10.25	3000

NOTES, (CONT.):

AND V276 NORTHWEST BOUND.

*LNAV ONLY

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT C/D VISIBILITY TO 1 1/8 MILE.

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RNAV (GPS) RWY 13, AMDT 2

28 APRIL 2016

SUP:

AMDT: 1

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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KABE
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	403918.6995N
LTP/FTP LONGITUDE	0752659.1200W
LTP/FTP ELLIPSOIDAL HEIGHT	+00824
FPAP LATITUDE	403830.1290N
FPAP LONGITUDE	0752520.9585W
THRESHOLD CROSSING HEIGHT (TCH)	00056.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 04EA4BC6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01167
FPAP ORTHOMETRIC HEIGHT	+01167

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<p align="center">U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</p> <p align="center"><u>RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE</u></p> <p align="center">FLIGHT STANDARDS SERVICES - FAR PART 97.33</p>	<p>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.</p>
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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KABEK6FR13	ABEERS	010BEERSK6EA0E	IF						18000		A JS	
SUSAP	KABEK6FR13	ABEERS	020TIKLEK6EA0E	A 020TF		26990083	+	04000				A JS	
SUSAP	KABEK6FR13	ABEERS	030LOCIDK6EA0EE	B 010TF		20010057	+	03000				A JS	
SUSAP	KABEK6FR13	ADUMMR	010DUMMRK6EA0E	IF						18000		A JS	
SUSAP	KABEK6FR13	ADUMMR	020JAREVK6EA0E	A 020TF		06030209	+	04000				A JS	
SUSAP	KABEK6FR13	ADUMMR	030LOCIDK6EA0EE	B 010TF		06920062	+	03000				A JS	
SUSAP	KABEK6FR13	AROCY	010ROCOYK6EA0E	IF						18000		A JS	
SUSAP	KABEK6FR13	AROCY	020TIKLEK6EA0E	A 020TF		22610139	+	04000				A JS	
SUSAP	KABEK6FR13	AROCY	030LOCIDK6EA0EE	B 010TF		20010057	+	03000				A JS	
SUSAP	KABEK6FR13	R	010LOCIDK6EA0E	I IF						18000		A JS	
SUSAP	KABEK6FR13	R	020MOOVYK6EA1E	F 051TF		13490050	+	02400			RW13	K6PGA	JS
SUSAP	KABEK6FR13	R	020MOOVYK6EA2WALPV	ALNAV/VNAV	ALNAV								JS
SUSAP	KABEK6FR13	R	021IZKIPK6EA0E	S 031TF		13490036	V	0126001267		-300		A JS	
SUSAP	KABEK6FR13	R	030RW13 K6PGOGY	M 031TF		13490026		00439		-300		A JS	
SUSAP	KABEK6FR13	R	040	0 M CA		1349	+	00586				A JS	
SUSAP	KABEK6FR13	R	050KOCECK6EA0E	DF								A JS	
SUSAP	KABEK6FR13	R	060LIZZIK6EA0EY	010TF		0835	+	03000				A JS	
SUSAP	KABEK6FR13	R	070LIZZIK6EA0EE	R HM		11510040	+	03000				A JS	

[illegible]

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	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KABEK6PR13	RW13	001	0000W13A0N4039I86995W07526591200+008240300N4038301290W07525209585106750984000560F40035004EA4BC6									
SUSAP	KABEK6PR13	RW13	002E	+01167+01167LPV	82532								
	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KABEK6SRW13	K6PG	0	18018003625	M								

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - FAR PART 97.33												
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BEERS	BEERS	010		IF		FB					
	BEERS	TIKLE	020	IAF	TF		FB	2.0	269.9 (257.9T)	008.3	AA 04000	
	BEERS	LOCID	030		TF		FB	1.0	200.1 (188.1T)	005.7	AA 03000	
	DUMMR	DUMMR	010		IF		FB					
	DUMMR	JAREV	020	IAF	TF		FB	2.0	060.3 (048.3T)	020.9	AA 04000	
	DUMMR	LOCID	030		TF		FB	1.0	069.2 (057.2T)	006.2	AA 03000	
	ROCOY	ROCOY	010		IF		FB					
	ROCOY	TIKLE	020	IAF	TF		FB	2.0	226.1 (214.1T)	013.9	AA 04000	
	ROCOY	LOCID	030		TF		FB	1.0	200.1 (188.1T)	005.7	AA 03000	
		LOCID	010	FACF	IF		FB				AA 03000	
		MOOVY	020	FAF	TF		FB	0.5	134.9 (122.9T)	005.0	AA 02400	
		IZKIP	021	SDF	TF		FB	0.3	134.9 (122.9T)	003.6	AA 01260	GS 01267
		RW13	030	MAP	TF		FO	0.3	134.9 (122.9T)	002.6	AT 00439	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		134.9 (122.9T)		AA 00586	
		KOCEC	050		DF		FB					
		LIZZI	060		TF		FO	1.0	083.5 (071.5T)		AA 03000	
		LIZZI	070		HM	R	FO		115.1 (103.1T)	004.0	AA 03000	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		BEERS	N405247.50		W0752737.36		N4052.792		W07527.623			
		DUMMR	N402810.68		W0760640.18		N4028.178		W07606.670			
		IZKIP	N404043.68		W0752951.08		N4040.728		W07529.851			
		JAREV	N404203.22		W0754611.89		N4042.054		W07546.198			
		KOCEC	N403641.81		W0752142.47		N4036.697		W07521.708			
		LIZZI	N403956.38		W0750855.66		N4039.940		W07508.928			
		LOCID	N404524.27		W0753920.75		N4045.405		W07539.346			
		MOOVY	N404239.87		W0753346.61		N4042.665		W07533.777			
		ROCOY	N410236.37		W0752759.19		N4102.606		W07527.987			
		TIKLE	N405102.98		W0753817.73		N4051.050		W07538.296			
		RW13	N403918.70		W0752659.12		N4039.312		W07526.985			
RUNWAY DATA		RWY	THRESHOLD ELEVATION		TCH							
		RW13	00383		56							
CITY AND STATE		ELEVATION: 394		TDZE: 386		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:		SUP:		
ALLENTOWN, PA		AIRPORT NAME:		LEHIGH VALLEY INTL		RNAV		RNAV (GPS) RWY 13, AMDT 2		AMDT: 1		
								28 APRIL 2016		DATED: 06/27/2013		

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