

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		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: RW06 CLIMB TO 3000 DIRECT FONUP AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 243.40 INBOUND. CHART FAS OBST: 579 TOWER 403813N/0752903W DISTANCE TO THLD FROM 200 HATH: 0.45 NM. CHART VDP AT 1.25 MILES TO RW06* *LNAV ONLY. WAAS CHANNEL # 69432 REFERENCE PATH ID: W06A LTP HAE: 85.6 M											
ARD VOR/DME	HADAD (FB)	299.57 / 31.33	4000												
BEERS	SAYOV (FB)	237.41 / 21.30	4000												
DUMMR	SAYOV (FB)	068.49 / 17.46	4000												
HADAD (IAF)	JISTO (FB)	333.19 / 8.00	3000												
SAYOV (IAF)	JISTO (FB)	153.04 / 9.00	3000												
JISTO (IF)	SHAGY (FB)	063.12 / 6.68	2400												
SHAGY (FAF)	GEBLE/3.00 NM TO RW06 (FB)	063.19 / 3.12													
(SEE FORM 8260-10)															
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT JISTO 3. FAF: 063.19 FAF: SHAGY DIST FAF TO MAP: 6.12 THLD: 6.12 4. MIN. ALT: JISTO 3000, SHAGY 2400, GEBLE/3.00 NM TO RW06 1400* 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> </u> 6. MIN GS INCPT: 2400 GS ALT AT: SHAGY 2400 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 56.4 34:1 IS CLEAR 8. MSA FROM: RW06 3600				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	594	2400	200	594	2400	200	594	2400	200	594	2400	200			
LNAV/VNAV DA	644	2400	250	644	2400	250	644	2400	250	644	2400	250			
LNAV MDA	840	2400	446	840	2400	446	840	4500	446	840	4500	446			
CIRCLING	900	1	506	900	1	506	900	1 1/2	506	980	2	586			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8C (18F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BEERS ON V149-408 NORTHBOUND AND V232 EASTBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DUMMR ON V162 WESTBOUND, V93 SOUTHWEST BOUND, (SEE FORM 8260-10)															
CITY AND STATE ALLENTOWN, PA		ELEVATION: 394 THRE: 394 AIRPORT NAME: LEHIGH VALLEY INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6, AMDT 1 27 JUNE 2013				SUP: RNAV (GPS) Y RWY 6 AMDT: ORIG DATED 04/15/2004					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION 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, (CONT.):										
FROM	TO	COURSE AND DISTANCE	ALTITUDE							
GEBLE/3.00 NM TO RW06	RW06 (MAP) (FO)	063.19 / 3.00								
RW06 (MAP)	594 MSL	063.19								
594 MSL	FONUP (FO)		3000							
NOTES, (CONT.): AND V276 NORTHWEST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ARD VOR/DME AIRWAY RADIALS 233 CW 304. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. *LNAV ONLY CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 MILE.										
CITY AND STATE ALLENTOWN, PA	ELEVATION: 394 THRE: 394 AIRPORT NAME: LEHIGH VALLEY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6, AMDT 1 27 JUNE 2013	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">SUP:</td> <td style="padding: 2px;">RNAV (GPS) Y RWY 6</td> </tr> <tr> <td style="padding: 2px;">AMDT:</td> <td style="padding: 2px;">ORIG</td> </tr> <tr> <td style="padding: 2px;">DATED:</td> <td style="padding: 2px;">04/15/2004</td> </tr> </table>	SUP:	RNAV (GPS) Y RWY 6	AMDT:	ORIG	DATED:	04/15/2004
SUP:	RNAV (GPS) Y RWY 6									
AMDT:	ORIG									
DATED:	04/15/2004									

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KABE
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W06A
REFERENCE PATH IDENTIFIER (APPROACH ID)	403849.1370N
LTP/FTP LATITUDE	0752702.2805W
LTP/FTP LONGITUDE	+00856
LTP/FTP ELLIPSOIDAL HEIGHT	403944.9205N
FPAP LATITUDE	0752530.9570W
FPAP LONGITUDE	00056.4
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	0440
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	35.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER

4ACEEE31

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01200
FPAP ORTHOMETRIC HEIGHT	+01200

CITY AND STATE

ALLENTOWN, PA

ELEVATION: 394

THRE: 394

AIRPORT NAME:

LEHIGH VALLEY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, AMDT 1

27 JUNE 2013

SUP: RNAV (GPS) Y RWY
6

AMDT: ORIG

DATED: 04/15/2004

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.

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KABEK6FR06	AARD	010ARD	K6D	0V	IF					18000		A	JS
SUSAP KABEK6FR06	AARD	020HADADK6EA0E	A	020TF			29960313	+	04000			A	JS
SUSAP KABEK6FR06	AARD	030JISTOK6EA0EE	B	010TF			33320080	+	03000			A	JS
SUSAP KABEK6FR06	ABEERS	010BEERSK6EA0E		IF						18000		A	JS
SUSAP KABEK6FR06	ABEERS	020SAYOVK6EA0E	A	020TF			23740213	+	04000			A	JS
SUSAP KABEK6FR06	ABEERS	030JISTOK6EA0EE	B	010TF			15300090	+	03000			A	JS
SUSAP KABEK6FR06	ADUMMR	010DUMMRK6EA0E		IF						18000		A	JS
SUSAP KABEK6FR06	ADUMMR	020SAYOVK6EA0E	A	020TF			06850175	+	04000			A	JS
SUSAP KABEK6FR06	ADUMMR	030JISTOK6EA0EE	B	010TF			15300090	+	03000			A	JS
SUSAP KABEK6FR06	R	010JISTOK6EA0E	I	IF						18000		A	JS
SUSAP KABEK6FR06	R	020SHAGYK6EA1E	F	051TF			06310067	+	02400		RW06	K6PGA	JS
SUSAP KABEK6FR06	R	020SHAGYK6EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KABEK6FR06	R	021GEBLEK6EA0E	S	031TF			06320031	V	0140001406	-300		A	JS
SUSAP KABEK6FR06	R	030RW06	K6PG0GY	M	031TF		06320030			-300		A	JS
SUSAP KABEK6FR06	R	040	0	M	CA		0632	+	00594			A	JS
SUSAP KABEK6FR06	R	050FONUPK6EA0EY		DF				+	03000			A	JS
SUSAP KABEK6FR06	R	060FONUPK6EA0EE	R	HM			24340040	+	03000			A	JS

1 2 3 4 5 6 7 8 9 0 1

SUP:	RNAV (GPS) Y RWY 6
AMDT:	ORIG
DATED:	04/15/2004

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - 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.

RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KABEK6GRW06 0075990633 N40384914W075270228-0200 +0085600394000056150I

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KABEK6PR06 RW06 001 0000W06A0N4038491370W07527022805+008560300N4039449205W07525309570106750440000564F4003504ACEEE31
 SUSAP KABEK6PR06 RW06 002E +01200+01200LPV 69432

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KABEK6SRW06 K6PG 0 18018003625 M

CITY AND STATE
 ALLENTOWN, PA

ELEVATION: 394 THRE: 394
 AIRPORT NAME:
 LEHIGH VALLEY INTL

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
 RNAV (GPS) RWY 6, AMDT 1
 27 JUNE 2013

SUP: RNAV (GPS) Y RWY
 6
 AMDT: ORIG
 DATED: 04/15/2004

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ARD	ARD	010		IF		FB					
	ARD	HADAD	020	IAF	TF		FB	2.0	299.6(287.6T)	031.3	AA 04000	
	ARD	JISTO	030		TF		FB	1.0	333.2(321.2T)	008.0	AA 03000	
	BEERS	BEERS	010		IF		FB					
	BEERS	SAYOV	020	IAF	TF		FB	2.0	237.4(225.4T)	021.3	AA 04000	
	BEERS	JISTO	030		TF		FB	1.0	153.0(141.0T)	009.0	AA 03000	
	DUMMR	DUMMR	010		IF		FB					
	DUMMR	SAYOV	020	IAF	TF		FB	2.0	068.5(056.5T)	017.5	AA 04000	
	DUMMR	JISTO	030		TF		FB	1.0	153.0(141.0T)	009.0	AA 03000	
		JISTO	010	FACF	IF		FB				AA 03000	
		SHAGY	020	FAF	TF		FB	0.5	063.1(051.1T)	006.7	AA 02400	
		GEBLE	021	SDF	TF		FB	0.3	063.2(051.2T)	003.1	AA 01400	GS 01406
		RW06	030	MAP	TF		FO	0.3	063.2(051.2T)	003.0	AT 00450	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		063.2(051.2T)		AA 00594	
	FONUP	050		DF		FO				AA 03000	
	FONUP	060		HM	R	FO		243.4(231.4T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ARD	N401512.02	W0745427.41	N4015.200	W07454.457
	BEERS	N405247.50	W0752737.36	N4052.792	W07527.623
	DUMMR	N402810.68	W0760640.18	N4028.178	W07606.670
	FONUP	N404631.88	W0751422.25	N4046.531	W07514.371
	GEBLE	N403656.38	W0753006.64	N4036.940	W07530.111
	HADAD	N402433.36	W0753333.26	N4024.556	W07533.554
	JISTO	N403047.47	W0754007.69	N4030.791	W07540.128
	SAYOV	N403747.88	W0754732.88	N4037.798	W07547.548
	SHAGY	N403458.93	W0753318.36	N4034.982	W07533.306
	RW06	N403849.14	W0752702.28	N4038.819	W07527.038

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW06	00394		56

QUALITY
2
CHECKED

CITY AND STATE ALLENTOWN, PA	ELEVATION: 394	THRE: 394	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV(GPS) Y RWY
	AIRPORT NAME:			RNAV (GPS) RWY 6, AMDT 1	6
	LEHIGH VALLEY INTL	RNAV	27 JUNE 2013	AMDT: ORIG	
					DATED: 04/15/2004