

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: RW09								
FAVUM (IAF)		ZAGTI (NOPT) (TF) (FB) (RNP 1.00)		114.46 / 18.10		4000		CLIMB TO 4300 DIRECT EPEYI AND ON TRACK 087.00 TO ZUMEV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4300.								
ZAGTI (IF/IAF)		JIPAS (TF) (FB) (RNP 1.00)		086.77 / 6.67		2800										
JIPAS (FAF)		RW09 (MAP) (TF) (FO) (RNP 0.30)		086.86 / 6.00												
RW09 (MAP)		928 MSL (CA)		086.86												
928 MSL		EPEYI (DF) (FB) (RNP 1.00)						ADDITIONAL FLIGHT DATA: HOLD E, LT, 265.96 INBOUND. FAS OBST: 1711 AAO 411300N/0770030W DISTANCE TO THLD FROM 515 HAT: 1.25 NM. CHART VDP AT 4.58 NM TO RW09* *LNAV ONLY. WAAS CHANNEL # 86924 REFERENCE PATH ID: W09A CHART CIRCLING ICON. LTP HAE: 123.4 M								
EPEYI		ZUMEV (TF) (FO) (RNP 1.00)		087.00 / 6.89		4300										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 10W EPOCH YEAR: 1980						
2. HOLD W ZAGTI, RT, 086.77 INBOUND, 4000 FT. IN LIEU OF PT (IAF)																
3. FAC: 086.86 FAF: JIPAS DIST FAF TO MAP: 6.00 THLD: 6.00																
4. MIN. ALT: ZAGTI 4000, JIPAS 2800																
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																
6. MIN GS INCPT: 2800 GS ALT AT: JIPAS 2800 OM: _____ MM: _____ IM: _____																
7. GS ANGLE: 3.50 TCH: 56.0 34:1 IS NOT CLEAR																
8. MSA FROM: RW09 3900																
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A												
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		1036	1 1/2	515	1036	1 1/2	515	1036	1 1/2	515		NA				
LNAV MDA		2040	1 1/4	1519	2040	1 1/2	1519	2040	3	1519		NA				
CIRCLING		2040	1 1/4	1512	2040	1 1/2	1512	2040	3	1512		NA				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. @ CAT A, B 1600-2, CAT C 1600-3 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: CIRCLING RWY 12, 30 NA AT NIGHT. CHART NOTE: CIRCLING NA S OF RWY 9 AND SW OF RWY 30. (CONTINUED ON PAGE 2)																
CITY AND STATE WILLIAMSPORT, PA		ELEVATION: 528 TDZE: 521 AIRPORT NAME: WILLIAMSPORT RGNL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1, 06/22/2017				SUP: AMDT: ORIG-B DATED 04/28/2016						

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.

NOTES, (CONT.):

CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FAVUM ON V226 WESTBOUND AND V170 NORTHWEST BOUND.

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT ZAGTI ON T216 AND V58-576 NORTHEAST BOUND.

QUALITY
25
CHECKED

CITY AND STATE

WILLIAMSPORT, PA

ELEVATION: 528

TDZE: 521

AIRPORT NAME:

WILLIAMSPORT RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, AMDT 1, 06/22/2017

SUP:

AMDT: **ORIG-B**

DATED: **04/28/2016**

**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	KIPT
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	411418.3725N
LTP/FTP LONGITUDE	0765608.3400W
LTP/FTP ELLIPSOIDAL HEIGHT	+01234
FPAP LATITUDE	411438.4900N
FPAP LONGITUDE	0765413.2800W
THRESHOLD CROSSING HEIGHT (TCH)	00056.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0672
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 955EB166

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01566
FPAP ORTHOMETRIC HEIGHT	+01566

QUALITY
25
CHECKED

CITY AND STATE WILLIAMSPORT, PA	ELEVATION: 528 AIRPORT NAME: WILLIAMSPORT RGNL	TDZE: 521 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1, 06/22/2017	SUP:
				AMDT: ORIG-B
				DATED: 04/28/2016