

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		LP: YEXWU LNAV: YEXWU							
FAVUM (IAF)		ZAGTI (NOPT) (TF) (FB) (RNP 1.00)		114.46 / 18.10				4000		CLIMB TO 4300 DIRECT GECVE THEN ON TRACK 086.81 TO ZUMEV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4300.							
ZAGTI (IF/IAF)		SOLYO (TF) (FB) (RNP 1.00)		074.21 / 7.85				2800									
SOLYO (FAF)		WAKUG/2.30 NM TO YEXWU (TF) (FB) (RNP 0.30)		099.92 / 2.90													
WAKUG/2.30 NM TO YEXWU		YEXWU (MAP) (TF) (FO) (RNP 0.30)		099.92 / 2.30													
YEXWU (MAP)		928 MSL (CA)		099.92						ADDITIONAL FLIGHT DATA: HOLD E, LT, 265.96 INBOUND. CHART FAS OBST: 777 TREE 411456N/0765646W CHART FAS OBST: 795 TREE 411525N/0765625W 1580 AAO 411248N/0770232W 1600 AAO 411247N/0770245W WAAS CHANNEL # 49024 REFERENCE PATH ID: W12A CHART CIRCLING ICON. CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. FICTITIOUS THRESHOLD POINT (CFRQT) DO NOT CHART. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 15.99 DEGREES. FAC CROSSES RWY C/L EXTENDED 3030 FT FROM THLD. LTP HAE: 126.2 M							
(SEE FORM 8260-10)																	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 10W EPOCH YEAR: 1980							
2. HOLD W ZAGTI, RT, 074.21 INBOUND, 4000 FT. IN LIEU OF PT (IAF)																	
3. FAC: 099.92 FAF: SOLYO DIST FAF TO MAP: 5.20 THLD: 5.68																	
4. MIN. ALT: ZAGTI 4000, SOLYO 2800, WAKUG/2.30 NM TO YEXWU 1660																	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR																	
8. MSA FROM: YEXWU 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		
LP MDA	1100	1	572	1100	1	572		NA			NA						
LNAV MDA	1380	1	852	1380	1 1/4	852		NA			NA						
CIRCLING	1380	1 1/4	852	1500	1 1/2	972		NA			NA						
NOTES: CHART NOTE: RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. @ CAT A 900-2, CAT B 1000-2 CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: STRAIGHT-IN RWY 12 NA AT NIGHT, 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: 528 AIRPORT NAME: WILLIAMSPORT RGNL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, 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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
928 MSL	GECVE (DF) (FB) (RNP 1.00)		
GECVE	ZUMEV (TF) (FO) (RNP 1.00)	086.81 / 8.41	4300

NOTES, (CONT.):

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: 528

AIRPORT NAME:

WILLIAMSPORT RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 12, 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	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	411450.3870N
LTP/FTP LONGITUDE	0765535.3880W
LTP/FTP ELLIPSOIDAL HEIGHT	+01262
FPAP LATITUDE	411450.3700N
FPAP LONGITUDE	0765337.2685W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
 <u>CRC REMAINDER</u>	 0AEFC860

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01594
FPAP ORTHOMETRIC HEIGHT	+01594

QUALITY
25
CHECKED

CITY AND STATE WILLIAMSPORT, PA	ELEVATION: 528 TDZE: 528 AIRPORT NAME: WILLIAMSPORT RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, AMDT 1, 06/22/2017	SUP:
				AMDT: ORIG-B
				DATED: 04/28/2016