

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					
IDUSE (IF/IAF)			WOXUB (TF) (FB) (RNP 1.00)			025.94 / 6.00			3600			CLIMB TO 5000 DIRECT TOGJU AND ON TRACK 042.05 TO GANEC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.					
WOXUB (FAF)			RW03 (MAP) (TF) (FO) (RNP 0.30)			025.96 / 6.41											
RW03 (MAP)			1828 MSL (CA)			025.96						ADDITIONAL FLIGHT DATA: HOLD NE, RT, 220.07 INBOUND. DISTANCE TO THLD FROM 325 HAT: 0.84 NM. WAAS CHANNEL # 82529 REFERENCE PATH ID: W03A LTP HAE: 425.2 M					
1828 MSL			TOGJU (DF) (FB) (RNP 1.00)														
TOGJU			GANEC (TF) (FO) (RNP 1.00)			042.05 / 10.8			5000								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	
2. HOLD SW IDUSE, RT, 025.94 INBOUND, 4500 FT. IN LIEU OF PT (IAF)																	
3. FAC: 025.96 FAF: _____ DIST FAF TO MAP: _____ THLD: _____																	
4. MIN. ALT: IDUSE 4500, WOXUB 3600																	
5. DIST TO THLD FROM OM: 6.41 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: 3600 GS ALT AT: WOXUB 3600 OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR																	
8. MSA FROM: _____												MAG VAR: 10W EPOCH YEAR: 2005					
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT												ALTERNATE: N A X					
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	1828	1	325	1828	1	325	1828	1	325	1828	1	325					
NOTES: CHART NOTE: RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BEDFORD COUNTY ALTIMETER SETTING AND INCREASE ALL DA 84 FT, AND INCREASE ALL VISIBILITIES 3/8 MILE.																	
CITY AND STATE ALTOONA, PA				ELEVATION: 1503 TDZE: 1503 AIRPORT NAME: ALTOONA-BLAIR COUNTY				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDТ NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 3, ORIG-B 12 OCTOBER 2017				SUP: AMDТ: ORIG-A DATED 05/02/2013			



**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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TAA

	FROM	TO	ALT
1.	296/30 CW 116/30 (NOPT)	296/10 CW 116/10	5400
2.	296/10 CW 116/10	IDUSE (IF/IAF) (FB)	4500
3.	116/30 CW 296/30	116/10 CW 296/10	5400
4.	116/10 CW 296/10	IDUSE (IF/IAF) (FO)	4500

QUALITY
14
CHECKED

CITY AND STATE

ALTOONA, PA

ELEVATION: 1503

TDZE: 1503

AIRPORT NAME:

ALTOONA-BLAIR COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Z RWY 3, ORIG-B

12 OCTOBER 2017

SUP:

AMDT: ORIG-A

DATED: 05/02/2013

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAOO
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	401719.3940N
LTP/FTP LONGITUDE	0781923.2615W
LTP/FTP ELLIPSOIDAL HEIGHT	+04252
FPAP LATITUDE	401845.1100N
FPAP LONGITUDE	0781851.1900W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1088
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

539DB453

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+04582
FPAP ORTHOMETRIC HEIGHT	+04582

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