

U.S. 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	
FOSEX (IF)	BRNTY (TF)(FB)(RNP 0.30)	191.17/3.87	3500	MAP: DA
BRNTY	YAYNU (RF)(FB)(RNP 0.30)	(2.30 NM RADIUS CW ZIXID)/4.90	2100	
YAYNU	ZANEG (RF)(FB)(RNP 0.30)	(2.30 NM RADIUS CW ZIXID)/2.33	1400	CLIMB TO 3000 ON TRACK 011.17 TO OXFIC AND ON TRACK 357.21 TO OTOLE AND HOLD.
HIGES (IF)	YAYNU (TF)(FB)(RNP 1.00)	313.25/6.03	2100	
MUJIK (IF)	ZANEG (TF)(FB)(RNP 1.00)	011.17/7.60	1400	ADDITIONAL FLIGHT DATA: HOLD N, RT, 183.03 INBOUND DISTANCE TO THLD FROM 372 HATH: 0.99 NM ROUTE TYPE: A,R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S #TCH 340.3 MSL (DO NOT CHART)
URACI (IF)	WOVAR (TF)(FB)(RNP 0.30)	111.10/4.35	2600	
YETGU (IF)	FETPU (TF)(FB)(RNP 0.30)	191.17/3.87	3500	
FETPU	WOVAR (RF)(FB)(RNP 0.30)	(2.30 NM RADIUS CCW XALAC)/3.21	2600	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT ZANEG
- FAC: 011.17 FAF: DIST FAF TO MAP: THLD:
- MIN. ALT: ZANEG 1400
- DIST TO THLD FROM OM: 3.33 MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1400 GS ALT AT: ZANEG 1400 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 55.9# 34:1 IS CLEAR
- MSA FROM: RW01 4800

MAG VAR: 13W EPOCH YEAR: 1980

MINIMUMS															
TAKEOFF:	STANDARD	X	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

AUTHORIZATION REQUIRED															
RNP 0.15 DA	656	4000	372	656	4000	372	656	4000	372	656	4000	372			
RNP 0.30 DA	727	5000	443	727	5000	443	727	5000	443	727	5000	443			

NOTES: CHART NOTE: GPS REQUIRED
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEM, PROCEDURE NA BELOW -15C(3F) OR ABOVE 47C(117F).
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.15 VISIBILITY TO 1 1/4 AND RNP 0.30 VISIBILITY TO 1 1/2.
 CHART PLANVIEW NOTE: RADAR REQUIRED. CHART PLANVIEW NOTE AT FETPU, WOVAR, YAYNU, BRNTY: MAX 180 KIAS.
 CHART PLANVIEW NOTE AT FOSEX, HIGES, URACI, YETGU: MAX 210 KTS.



CITY AND STATE	ELEVATION: 285 THRE: 284	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 1, ORIG 25 AUG 2011	SUP:
ALBANY NY	AIRPORT NAME: ALBANY INTL			AMDT:
				DATE

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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TERMINAL ROUTES (CONT'D)

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
WOVAR	ZANEG (RF)(FB)(RNP 0.30)	(2.30 NM RADIUS CCW XALAC)/4.02	1400
ZANEG (FAF)	RW01 (MAP) (TF)(FO)	011.17/3.33	
RW01 (MAP)	OXFIC (TF)(FB)(RNP 1.00)	011.17/6.00	
OXFIC	OTOLE (TF)(FO)(RNP 1.00)	357.31/7.01	3000

NOTES CONT'D

CHART PLANVIEW NOTE AT YETGU, FOSEX, URACI, HIGES: (RNP 0.30).
 CHART PLANVIEW NOTE AT ADJACENT TO YETGU, URACI, HIGES, FOSEX (IF): RF REQUIRED.
 CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.



CITY AND STATE ALBANY, NY	ELEVATION: 285	THRE: 285	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 25 AUG 2011	SUP:
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					DATED:

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RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE
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ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	FOSEX	FOSEX	010		IF		FB					AB 210
	FOSEX	BRNTY	020		TF		FB	0.3	191.2 (178.2T)	003.9	AA 03500	AB 180
	FOSEX	YAYNU	030		RF	R	FB	0.3		004.9	AA 02100	AB 180
	FOSEX	ZANEG	040		RF	R	FB	0.3		002.3	AA 01400	
	HIGES	HIGES	010		IF		FB					AB 210
	HIGES	YAYNU	020		TF		FB	1.0	313.3 (300.3T)	006.0	AA 02100	AB 180
	HIGES	ZANEG	030		RF	R	FB	0.3		002.3	AA 01400	
	MUJIK	MUJIK	010		IF		FB					AB 210
	MUJIK	ZANEG	020		TF		FB	1.0	011.2 (358.2T)	007.6	AA 01400	
	URACI	URACI	010		IF		FB					AB 210
	URACI	WOVAR	020		TF		FB	0.3	111.1 (098.1T)	004.4	AA 02600	AB 180
	URACI	ZANEG	030		RF	L	FB	0.3		004.0	AA 01400	
	YETGU	YETGU	010		IF		FB					AB 210
	YETGU	FETPU	020		TF		FB	0.3	191.2 (178.2T)	003.9	AA 03500	AB 180
	YETGU	WOVAR	030		RF	L	FB	0.3		003.2	AA 02600	AB 180
	YETGU	ZANEG	040		RF	L	FB	0.3		004.0	AA 01400	
		ZANEG	020	FAF	IF		FB				AA 01400	
		RW01	030	MAP	TF		FO	0.3	011.2 (358.2T)	003.3	AT 00340	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	OXFIC	040		TF		FB	1.0	011.2 (358.2T)	006.0		
	OTOLE	050		TF		FO	1.0	357.3 (344.3T)	007.0	AA 03000	
	OTOLE	060		HM	R	FO		183.0 (170.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRNTY	N424102.90	W0734152.66	N4241.048	W07341.878
	FETPU	N424045.27	W0735420.67	N4240.755	W07354.345
	FOSEX	N424454.83	W0734202.72	N4244.914	W07342.045
	HIGES	N423557.08	W0733930.14	N4235.951	W07339.502
	MUJIK	N423318.21	W0734746.98	N4233.304	W07347.783
	OTOLE	N425658.56	W0735105.77	N4256.976	W07351.096
	OXFIC	N425013.71	W0734830.95	N4250.229	W07348.516
	URACI	N423910.03	W0735730.35	N4239.167	W07357.506
	WOVAR	N423833.08	W0735140.24	N4238.551	W07351.671
	XALAC	N424049.72	W0735113.67	N4240.829	W07351.228
	YAYNU	N423859.18	W0734633.65	N4238.986	W07346.561
	YETGU	N424437.19	W0735430.72	N4244.620	W07354.512
	ZANEG	N424054.17	W0734806.68	N4240.903	W07348.111
	ZIXID	N424058.54	W0734459.67	N4240.976	W07344.995
	RW01	N424413.79	W0734815.32	N4244.230	W07348.255



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RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01	00284	56



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