

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PUNGO	CAGLU (FB)	290.09 / 18.88	2600	LPV: DA LNAV/VNAV: DA LNAV: RW23
ZAGGY	DIBNE (FB)	103.92 / 13.48	2600	
CAGLU (IAF)	HALAX (NOPT) (FB)	314.90 / 5.00	2600	CLIMB TO 2600 DIRECT SODOY AND RIGHT TURN VIA 334.77 TRACK TO KEKBE AND RIGHT TURN VIA 081.36 TRACK TO HALAX AND HOLD.
DIBNE (IAF)	HALAX (NOPT) (FB)	134.80 / 5.00	2600	
HALAX (IF/IAF)	JOROX (FB)	224.85 / 6.10	1700	ADDITIONAL FLIGHT DATA: CHART FAS OBST: 168 TREE 353526N/0770206W CHART APT ELEV 37, TDZE 37 DISTANCE TO THLD FROM 399 HAT: 1.13 NM. WAAS CHANNEL # 93810 REFERENCE PATH ID: W23A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE HALAX, RT, 224.85 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
- FAC: 224.81 FAF: JOROX DIST FAF TO MAP: 5.03 THLD: 5.03
- MIN. ALT: HALAX 2600, JOROX 1700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1700 GS ALT AT: JOROX 1700 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM: RW23 3100

MAG VAR: 8W

EPOCH YEAR: 1985

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	
LPV DA	436	1 1/2	399	436	1 1/2	399	436	1 1/2	399	436	1 1/2	399				
LNAV/VNAV DA	473	1 1/2	436	473	1 1/2	436	473	1 1/2	436	473	1 1/2	436				
LNAV MDA	420	1	383	420	1	383	420	1	383	420	1 1/4	383				
CIRCLING	540	1	503	540	1	503	540	1 1/2	503	620	2	583				

NOTES:

CHART NOTE: CIRCLING TO RWY 17-35 NA AT NIGHT.

CHART NOTE: BARO-VNAV NA WHEN USING GREENVILLE ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).

CHART NOTE: DME/DME RNP-0.3 NA.

SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE WASHINGTON, NC	ELEVATION: 37 TDZE: 37 AIRPORT NAME: WARREN FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1 15 JAN 2009	SUP:
				AMDT: ORIG
				DATED 01/23/2003

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NOTES CONT.**CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PUNGO VIA V290 SOUTHEAST BOUND.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZAGGY VIA V472 WESTBOUND.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENVILLE ALTIMETER SETTING AND INCREASE LPV DA TO 477, LNAV/VNAV DA TO 514, AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS, AND LNAV CATS C AND D VISIBILITY 1/4 MILE.**

CITY AND STATE

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOCW
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	353438.1970N
LTP/FTP LONGITUDE	0770248.2565W
LTP/FTP ELLIPSOIDAL HEIGHT	-00252
FPAP LATITUDE	353326.7100N
FPAP LONGITUDE	0770353.6300W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

9E0E57D9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00113
FPAP ORTHOMETRIC HEIGHT	+00113

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KOCWK7FR23	AHALAX	010HALAXK7EA0EE	CR	HF		22490040	+	02600	18000		A	JS	
SUSAP	KOCWK7FR23	APUNGO	010PUNGOK7EA0E		IF					18000		A	JS	
SUSAP	KOCWK7FR23	APUNGO	020CAGLUK7EA0E	A	020TF		29010189	+	02600			A	JS	
SUSAP	KOCWK7FR23	APUNGO	030HALAXK7EA0EE		010TF		31490050	+	02600			A	JS	
SUSAP	KOCWK7FR23	AZAGGY	010ZAGGYK7EA0E		IF					18000		A	JS	
SUSAP	KOCWK7FR23	AZAGGY	020DIBNEK7EA0E	A	020TF		10390135	+	02600			A	JS	
SUSAP	KOCWK7FR23	AZAGGY	030HALAXK7EA0EE		010TF		13480050	+	02600			A	JS	
SUSAP	KOCWK7FR23	R	010HALAXK7EA0E	I	IF			+	02600	18000		A	JS	
SUSAP	KOCWK7FR23	R	020JOROXX7EA1E	F	051TF		22490061	+	01700		RW23	K7PGA	JS	
SUSAP	KOCWK7FR23	R	020JOROXX7EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP	KOCWK7FR23	R	030RW23	K7PG0GY	M	031TF	22480050		00077		-300		A	JS
SUSAP	KOCWK7FR23	R	040SODOYK7EA0E	M	010DF								A	JS
SUSAP	KOCWK7FR23	R	050KEKBK7EA0E		R010TFY		3348						A	JS
SUSAP	KOCWK7FR23	R	060HALAXK7EA0EY		R010TFY		0814	+	02600				A	JS
SUSAP	KOCWK7FR23	R	070HALAXK7EA0EE		HR020HM		22490040	+	02600				A	JS

[illegible]

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HALAX	HALAX	010		HF	R	FB		224.9 (217T)	004.0	02600
	PUNGO	PUNGO	010		IF		FB				
	PUNGO	CAGLU	020	IAF	TF		FB	2.0	290.1 (282T)	018.9	02600
	PUNGO	HALAX	030		TF		FB	1.0	314.9 (307T)	005.0	02600
	ZAGGY	ZAGGY	010		IF		FB				
	ZAGGY	DIBNE	020	IAF	TF		FB	2.0	103.9 (096T)	013.5	02600
	ZAGGY	HALAX	030		TF		FB	1.0	134.8 (127T)	005.0	02600
		HALAX	010	FACF	IF		FB				02600
		JOROX	020	FAF	TF		FB	0.5	224.9 (217T)	006.1	01700
		RW23	030	MAP	TF		FO	0.3	224.8 (217T)	005.0	00077

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	SODOY	040		DF		FB	1.0			
	KEKBE	050		TF	R	FB	1.0	334.8 (327T)		
	HALAX	060		TF	R	FO	1.0	081.4 (073T)		02600
	HALAX	070		HM	R	FO	2.0	224.9 (217T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAGLU	N354033.38	W0764942.63	N3540.556	W07649.711
	DIBNE	N354633.75	W0765932.32	N3546.563	W07659.539
	HALAX	N354333.67	W0765437.29	N3543.561	W07654.622
	JOROX	N353840.06	W0765906.79	N3538.668	W07659.113
	KEKBE	N353837.91	W0771457.91	N3538.632	W07714.965
	PUNGO	N353637.99	W0762703.31	N3536.633	W07627.055
	SODOY	N352925.22	W0770734.15	N3529.420	W07707.569
	ZAGGY	N354758.38	W0771601.21	N3547.973	W07716.020
	RW23	N353438.20	W0770248.26	N3534.637	W07702.804

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00037	40

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