

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
OWWEN (IF/IAF)	BUNEW (FB)	234.33 / 5.00	2100	LPV: DA LNAV/VNAV: DA LNAV: RW23  CLIMB TO 2500 DIRECT HEBNO AND HOLD.
BUNEW (FAF)	MOKSE/2.40 NM TO RW23 (FB)	234.28 / 2.67		
MOKSE/2.40 NM TO RW23	RW23 (MAP) (FO)	234.28 / 2.40		<b>ADDITIONAL FLIGHT DATA:</b> HOLD SW, RT, 054.13 INBOUND. CHART FAS OBST: 526 TREE 351423N/0792251W DISTANCE TO THLD FROM 250 HATH: 0.61 NM. WAAS CHANNEL # 42726 REFERENCE PATH ID: W23A CHART CIRCLING ICON. LTP HAE: 99.8 M
RW23 (MAP)	681 MSL	234.28		
681 MSL	HEBNO (FO)		2500	

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD NE OWWEN, RT, 234.33 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 234.28 FAF: BUNEW DIST FAF TO MAP: 5.07 THLD: 5.07
4. MIN. ALT: OWWEN 2500, BUNEW 2100, MOKSE/2.40 NM TO RW23 1240\*
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 2100 GS ALT AT: BUNEW 2100 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 54.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 8W                      EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF:	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	681	1	250	681	1	250	681	1	250	681	1	250			
LNAV/VNAV DA	687	1	256	687	1	256	687	1	256	687	1	256			
LNAV MDA	780	1	349	780	1	349	780	1	349	780	1	349			
CIRCLING	880	1	421	920	1	461	1100	1 3/4	641	1360	3	901			

NOTES:  
 CHART NOTE: BARO-VNAV NA WHEN USING SANFORD ALTIMETER SETTING.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.  
 (SEE FORM 8260-10)

@ CAT D 1000-3  
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE



CITY AND STATE PINEHURST/SOUTHERN PINES, NC	ELEVATION: 459    THRE: 431 AIRPORT NAME: MOORE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 2 3 APRIL 2014	SUP: AMDT: 1 DATED 04/05/2012
--	--	------------------------------	---	-------------------------------------

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.):

\*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SANFORD ALTIMETER SETTING AND INCREASE ALL DA 88 FEET AND ALL MDA 100 FEET; INCREASE LNAV CATS C/D VISIBILITY 3/8 MILE AND CIRCLING CAT C VISIBILITY 1/2 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: RWY 23 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	144/30 CW 324/30 (NOPT)	144/13 CW 324/13	3200
	144/13 CW 324/13	OWWEN (IF/IAF) (FB)	2500
2.	324/30 CW 144/30	OWWEN (IF/IAF) (FO)	2500

CITY AND STATE

PINEHURST/SOUTHERN PINES, NC

ELEVATION: 459

THRE: 431

AIRPORT NAME:

MOORE COUNTY

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, AMDT 2

3 APRIL 2014

SUP:

AMDT: 1

DATED: 04/05/2012

**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**

**DATA FIELD**

**DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSOP
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	351434.2250N
LTP/FTP LONGITUDE	0792255.6930W
LTP/FTP ELLIPSOIDAL HEIGHT	+00998
FPAP LATITUDE	351332.4955N
FPAP LONGITUDE	0792414.2410W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0888
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER**

14467B8A

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01313
FPAP ORTHOMETRIC HEIGHT	+01313



CITY AND STATE PINEHURST/SOUTHERN PINES, NC	ELEVATION: 459      THRE: 443	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 2 3 APRIL 2014	SUP:
	AIRPORT NAME: MOORE COUNTY			AMDT: 1
				DATED: 04/05/2012



**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
 FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	OWWEN	OWWEN	010	IAF	HF	R	FO		234.3 (226.3T)	004.0	AA 02500	
		OWWEN	010	FACF	IF		FB				AA 02500	
		BUNEW	020	FAF	TF		FB	0.5	234.3 (226.3T)	005.0	AA 02100	
		MOKSE	021	SDF	TF		FB	0.3	234.3 (226.3T)	002.7	AA 01240	GS 01249
		RW23	030	MAP	TF		FO	0.3	234.3 (226.3T)	002.4	AT 00485	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		234.3 (226.3T)		AA 00681	
	HEBNO	050		DF		FO				AA 02500	
	HEBNO	060		HM	R	FO		054.1 (046.1T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BUNEW	N351804.94	W0791827.18	N3518.082	W07918.453
	HEBNO	N350524.83	W0793432.93	N3505.414	W07934.549
	MOKSE	N351613.96	W0792048.68	N3516.233	W07920.811
	OWWEN	N352132.51	W0791402.08	N3521.542	W07914.035
	RW23	N351434.23	W0792255.69	N3514.571	W07922.928

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00431	54



CITY AND STATE <b>PINEHURST/SOUTHERN PINES, NC</b>	ELEVATION: <b>459</b>	THRE: <b>431</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>MOORE COUNTY</b>		<b>RNAV</b>	<b>RNAV (GPS) RWY 23, AMDT 2</b>	AMDT: <b>1</b>
				<b>3 APRIL 2014</b>	DATED: <b>04/05/2012</b>