

<b>ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29</b>				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.															
<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>																			
<b>TERMINAL ROUTES</b>				<b>MISSED APPROACH</b>															
<b>FROM</b> HEBNO/I-SOP 13.39 DME/RADAR (IF/IAF)	<b>TO</b> ZIKDA/I-SOP 7.39 DME	<b>COURSE AND DISTANCE</b> 054.23 / 6.00 (I-SOP)	<b>ALTITUDE</b> 2500	<b>ILS: DA</b> LOC: I-SOP 1.10 DME FIX  CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3300 ON HEADING 300 AND ON SDZ VORTAC R-048 TO SDZ VORTAC AND HOLD, OR AS DIRECTED BY ATC.  ALTERNATE MA: CLIMB TO 1400 CLIMBING LEFT TURN TO 2500 DIRECT HFF NDB AND HOLD (ADF REQUIRED).  ADDITIONAL FLIGHT DATA: HOLD W, LT, 092.11 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW HFF NDB, RT, 115.00 INBOUND. CHART FAS OBST: 543 TREE 351339N/0792422W CHART: 934 TOWER 350905N/0792839W CHART: 619 TREE 351222N/0792558W CHART VDP AT 2.05 DME* DISTANCE VDP TO THLD 0.95 MILES. *LOC ONLY. CHART IN PLANVIEW: HFF NDB. CHART CIRCLING ICON. CHART R-5311 A,B,C.															
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)				MAG VAR: 8W                      EPOCH YEAR: 2000															
2. HOLD SW HEBNO, RT, 054.23 INBOUND, 2500 FT. IN LIEU OF PT (IAF)																			
3. FAC: <u>054.23</u> FAF: ZIKDA/I-SOP 7.39 DME                      DIST FAF TO MAP: <u>6.30</u> THLD: <u>6.30</u>																			
4. MIN. ALT: HEBNO 2500, ZIKDA 2500, WORBU/I-SOP 3.10 DME 1120*																			
5. DIST TO THLD FROM OM: <u>      </u> - <u>      </u> MM: <u>      </u> - <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> - 100 HAT: <u>      </u> - GS ANT: <u>861</u>																			
6. MIN GS INCPT: <u>2500</u> GS ALT AT: ZIKDA 2500                      OM: <u>      </u> - <u>      </u> MM: <u>      </u> - <u>      </u> IM: <u>      </u>																			
7. GS ANGLE: <u>3.00</u> TCH: 39.0 34:1 IS CLEAR																			
8. MSA FROM: FAY VOR/DME 3200 (30 NM)																			
<b>MINIMUMS</b>																			
<b>TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT</b>								<b>ALTERNATE: N A</b>		<b>ILS: STANDARD #</b>		<b>LOC: STANDARD @</b>							
<b>CATEGORY =====&gt;</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>						
	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				
S-ILS 5	655	1/2	200	655	1/2	200	655	1/2	200	655	1/2	200							
S-LOC 5	800	1/2	345	800	1/2	345	800	5/8	345	800	5/8	345							
CIRCLING	880	1	421	920	1	461	1100	1 3/4	641	1360	3	901							
<b>NOTES:</b> CHART PLANVIEW NOTE: RADAR REQUIRED. <span style="float: right;"># @ NA WHEN LOCAL WEATHER NOT AVAILABLE.</span> CHART NOTE: VDP NA WITH SANFORD ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SANFORD ALTIMETER SETTING AND INCREASE ALL DA 88 FT AND ALL MDA 100 FEET; INCREASE S-LOC 5 CATS C/D VISIBILITY 1/4 MILE AND INCREASE (SEE FORM 8260-10)																			
<b>CITY AND STATE</b> PINEHURST/SOUTHERN PINES, NC				<b>ELEVATION: 459      THRE: 455</b> <b>AIRPORT NAME:</b> MOORE COUNTY				<b>FACILITY IDENTIFIER:</b> I-SOP				<b>PROCEDURE NO./AMDT NO./EFFECTIVE DATE:</b> ILS Z OR LOC/DME Z RWY 5, AMDT 2 3 APRIL 2014				<b>SUP: ILS OR LOC RWY 5</b> <b>AMDT:</b> 1 <b>DATED</b> 04/05/2012			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
ILS - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING SANFORD ALTIMETER SETTING, INCREASE S-ILS 5 ALL CATS  
VISIBILITY 1/2 MILE.



CITY AND STATE PINEHURST/SOUTHERN PINES, NC	ELEVATION: 459	THRE: 455	FACILITY IDENTIFIER: I-SOP	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS Z OR LOC/DME Z RWY 5, AMDT 2 3 APRIL 2014	SUP: ILS OR LOC RWY 5
	AIRPORT NAME: MOORE COUNTY				AMDT: 1
					DATED: 04/05/2012

## FLIGHT STANDARDS SERVICES - FAR PART 97.29

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NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	FAY	K7010880VDL	N34590798W078523023	N34590798W078523023W0040001871	NARFAYETTEVILLE								
SUSAD	SDZ	K7011180VTL	N35125573W079351657	N35125573W079351657W0030005881	NARSANDHILLS								
SUSAD KSOPK7	ISOP	K7011150 IT	ISOPN35144405W079224795	004370	NARMOORE COUNTY								

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSOPK7FI05-Z AHEBNO	010HEBNOK7PC0EE	AR	HF	ISOPK7	234201340542T010PI	+	02500	18000				0	NS
SUSAP KSOPK7FI05-Z I	010HEBNOK7PC0E	I	IF	ISOPK7	23420134	PI	J	025000250018000				0	NS
SUSAP KSOPK7FI05-Z I	020ZIKDAK7PC0E	F	CF	ISOPK7	2342007405400060PI	H	0250002500			-300FAY	K7D	0	NS
SUSAP KSOPK7FI05-Z I	030RW05 K7PG0GY	M	CF	ISOPK7	2342001105400063PI		00494			-300		0	NS
SUSAP KSOPK7FI05-Z I	040	0	M	CA	0542	+	01400					0	NS
SUSAP KSOPK7FI05-Z I	050	0	L	VIY	3000							0	NS
SUSAP KSOPK7FI05-Z I	060SDZ K7D	0VY	CF	SDZ K7	0000000022800120D	+	03300					0	NS
SUSAP KSOPK7FI05-Z I	070SDZ K7D	0VE	L	HM	0921T010	+	03300					0	NS

[illegible][illegible][illegible]

DATED: 04/05/2012

## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## ILS STANDARD INSTRUMENT APPROACH PROCEDURE

## FLIGHT STANDARDS SERVICES - FAR PART 97.29

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## ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	HEBNO	HEBNO	010	IAF	HF	R	FO		054.2()	T01.0	AA 02500	
		HEBNO	010	FACF	IF		FB				AA 02500 GI 02500	
		ZIKDA	020	FAF	CF		FB		054.0()	006.0	GI 02500 GS 02500	
		RW05	030	MAP	CF		FO		054.0()	006.3	AT 00494	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		054.2()		AA 01400	
		050		VI	L	FB		300.0()			
	SDZ	060		CF		FO		228.0()	012.0	AA 03300	
	SDZ	070		HM	L	FO		092.1()	T01.0	AA 03300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAY	N345907.98	W0785230.23	N3459.133	W07852.504
	SDZ	N351255.73	W0793516.57	N3512.929	W07935.276
	ISOP (DME)	N351444.05	W0792247.95	N3514.734	W07922.799
	HEBNO	N350524.83	W0793432.93	N3505.414	W07934.549
	ZIKDA	N350934.62	W0792916.43	N3509.577	W07929.274
	RW05	N351356.58	W0792343.60	N3513.943	W07923.727
	ISOP (LOC)	N351441.13	W0792246.91	N3514.686	W07922.782

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW05	00455		39

CITY AND STATE  
PINEHURST/SOUTHERN PINES, NC

ELEVATION: 459 THRE: 455  
AIRPORT NAME:  
MOORE COUNTY

FACILITY  
IDENTIFIER:  
I-SOP

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
ILS Z OR LOC/DME Z RWY 5, AMDT 2  
3 APRIL 2014

SUP: ILS OR LOC RWY 5  
AMDT: 1  
DATED: 04/05/2012

## FLIGHT STANDARDS SERVICES - FAR PART 97.25

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSOPK7FL05-Z AHEBNO	010HEBNOK7PC0EE	AR	HF	ISOPK7	234201340542T010PI	+	02500	18000				0	DS
SUSAP KSOPK7FL05-Z L	010HEBNOK7PC0E	I	IF	ISOPK7	23420134	PI	+	02500	18000			0	DS
SUSAP KSOPK7FL05-Z L	020ZIKDAK7PC0E	F	CF	ISOPK7	2342007405400060PI	+	02500			FAY	K7D	0	DS
SUSAP KSOPK7FL05-Z L	021WORBUK7PC0E	S	CF	ISOPK7	2342003105400043PI	+	01120			-301		0	DS
SUSAP KSOPK7FL05-Z L	030RW05 K7PG0GY	M	CF	ISOPK7	2342001105400020PI					-301		0	DS
SUSAP KSOPK7FL05-Z L	040	0 M	CA		0542	+	01400					0	DS
SUSAP KSOPK7FL05-Z L	050	0 L	VIY		3000							0	DS
SUSAP KSOPK7FL05-Z L	060SDZ	K7D 0VY	CF	SDZ K7	0000000022800120D	+	03300					0	DS
SUSAP KSOPK7FL05-Z L	070SDZ	K7D 0VE L	HM		0921T010	+	03300					0	DS

[illegible][illegible][illegible]

SUP:	ILS OR LOC RWY 5
AMDT:	1
DATED:	04/05/2012

## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## LOC STANDARD INSTRUMENT APPROACH PROCEDURE

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SUSAP KSOPK7SFAY K7D

0 18018003230

M

CITY AND STATE  
PINEHURST/SOUTHERN PINES, NC

ELEVATION: 459 THRE: 455  
AIRPORT NAME:  
MOORE COUNTY

FACILITY  
IDENTIFIER:  
I-SOP

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
ILS Z OR LOC/DME Z RWY 5, AMDT 2  
3 APRIL 2014

SUP: ILS OR LOC RWY 5

AMDT: 1

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	HEBNO	HEBNO	010	IAF	HF	R	FO		054.2 ( )	T01.0	AA 02500	
		HEBNO	010	FACF	IF		FB				AA 02500	
		ZIKDA	020	FAF	CF		FB		054.0 ( )	006.0	AA 02500	
		WORBU	021	SDF	CF		FB		054.0 ( )	004.3	AA 01120	
		RW05	030	MAP	CF		FO		054.0 ( )	002.0	AT 00494	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		054.2 ( )		AA 01400	
		050		VI	L	FB		300.0 ( )			
	SDZ	060		CF		FO		228.0 ( )	012.0	AA 03300	
	SDZ	070		HM	L	FO		092.1 ( )	T01.0	AA 03300	

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	WORBU	N351233.43	W0792529.35	N3512.557	W07925.489
	ZIKDA	N350934.62	W0792916.43	N3509.577	W07929.274
	RW05	N351356.58	W0792343.60	N3513.943	W07923.727
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ILS Z OR LOC/DME Z RWY 5, AMDT 2  
3 APRIL 2014

SUP: ILS OR LOC RWY 5  
AMDT: 1  
DATED: 04/05/2012