

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

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

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	
HIDOD (IAF)	JIVOM (NOPT) (FB)	323.30 / 6.00	3000	LPV: DA LNAV/VNAV: DA LNAV: RW23
JOPAT (IAF)	JIVOM (NOPT) (FB)	143.20 / 6.00	3000	
JIVOM (IF/IAF)	CISBU (FB)	233.25 / 7.41	2500	CLIMB TO 3200 DIRECT IWWON AND HOLD.
CISBU (FAF)	GATEQ/2.00 NM TO RW23 (FB)	233.20 / 2.98		
GATEQ/2.00 NM TO RW23	RW23 (MAP) (FO)	233.20 / 2.00		
RW23 (MAP)	1135 MSL	233.20		ADDITIONAL FLIGHT DATA: HOLD SW, RT, 053.07 INBOUND. CHART FAS OBST: 1028 TREE 353030N/0810758W 1199 AAO 353312N/0810511W DISTANCE TO THLD FROM 269 HATH: 0.70 NM. CHART VDP AT 1.15 MILES TO RW23* *LNAV ONLY.
1135 MSL	IWWON (FO)		3200	

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD NE JIVOM, RT, 233.25 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 233.20 FAF: CISBU DIST FAF TO MAP: 4.98 THLD: 4.98
- MIN. ALT: JIVOM 3000, CISBU 2500, GATEQ/2.00 NM TO RW23 1540\*
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT: 2500 GS ALT AT: CISBU 2500 OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 46.8 34:1 IS NOT CLEAR
- MSA FROM:

WAAS CHANNEL # 69210  
REFERENCE PATH ID: W23A  
CHART CIRCLING ICON  
LTP HAE: 232.5 M

MAG VAR: 6W                      EPOCH YEAR: 1995

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	1143	7/8	277	1143	7/8	277	1143	7/8	277	1143	7/8	277			
LNAV/VNAV DA	1135	7/8	269	1135	7/8	269	1135	7/8	269	1135	7/8	269			
LNAV MDA	1280	1	414	1280	1	414	1280	1 1/8	414	1280	1 1/8	414			
CIRCLING	1340	1	462	1340	1	462	1640	2 1/4	762	1640	2 1/2	762			

NOTES:  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ CAT C 800-2 1/4, CAT D 800-2 1/2  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART PLANVIEW NOTE AT HIDOD : MAX 210 KIAS.  
CHART PLANVIEW NOTE AT JOPAT : MAX 210 KIAS.  
(SEE FORM 8260-10)

CITY AND STATE  LINCOLN, NC	ELEVATION: 878      THREE: 866	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1 18 SEPTEMBER 2014	SUP:
	AIRPORT NAME:  LINCOLN-LINCOLN COUNTY RGNL			AMDT:      ORIG
				DATED      09/24/2009

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.):**

**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLOTTE ALTIMETER SETTING AND INCREASE ALL DA 63 FEET AND ALL MDA 80 FEET; INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CATS C/D, AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.**

**CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CHARLOTTE ALTIMETER SETTING.**

**CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.**

**TAA**

	<b>FROM</b>	<b>TO</b>	<b>ALT</b>
1.	143/30 CW 323/30 (NOPT)	143/4 CW 323/4	4900
2.	143/4 CW 323/4	JIVOM (IF/IAF) (FB)	3000
3.	323/30 CW 053/30	HIDOD (IAF) (FB)	3800
4.	053/30 CW 143/30	JOPAT (IAF) (FB)	5100



CITY AND STATE LINCOLN, NC	ELEVATION: 878      THRE: 866	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1 18 SEPTEMBER 2014	SUP:
	AIRPORT NAME: LINCOLN-LINCOLN COUNTY RGNL			AMDT:      ORIG
				DATED:      09/24/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV 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**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIPJ
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	352917.1350N
LTP/FTP LONGITUDE	0810917.9140W
LTP/FTP ELLIPSOIDAL HEIGHT	+02325
FPAP LATITUDE	352816.4500N
FPAP LONGITUDE	0811037.9005W
THRESHOLD CROSSING HEIGHT (TCH)	00046.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 CF3D4004

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02640
FPAP ORTHOMETRIC HEIGHT	+02640

CITY AND STATE LINCOLN, NC	ELEVATION: 878      THRE: 866	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1 18 SEPTEMBER 2014	SUP:
	AIRPORT NAME: LINCOLN-LINCOLN COUNTY RGNL			AMDT:      ORIG
				DATED:      09/24/2009



**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
	HIDOD	HIDOD	010	IAF	IF		FB					AB 210
	HIDOD	JIVOM	020		TF		FB	1.0	323.3 (317.3T)	006.0	AA 03000	
	JIVOM	JIVOM	010	IAF	HF	R	FO		233.3 (227.3T)	004.0	AA 03000	
	JOPAT	JOPAT	010	IAF	IF		FB					AB 210
	JOPAT	JIVOM	020		TF		FB	1.0	143.2 (137.2T)	006.0	AA 03000	
		JIVOM	010	FACF	IF		FB				AA 03000	
		CISBU	020	FAF	TF		FB	0.5	233.3 (227.3T)	007.4	AA 02500	
		GATEQ	021	SDF	TF		FB	0.3	233.2 (227.2T)	003.0	AA 01540 GS 01550	
		RW23	030	MAP	TF		FO	0.3	233.2 (227.2T)	002.0	AT 00913	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		233.2 (227.2T)		AA 01135	
	IWWON	050		DF		FO				AA 03200	
	IWWON	060		HM	R	FO		053.1 (047.1T)	004.0	AA 03200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CISBU	N353240.69	W0810449.23	N3532.678	W08104.821
	GATEQ	N353038.85	W0810730.13	N3530.648	W08107.502
	HIDOD	N353318.16	W0805309.78	N3533.303	W08053.163
	IWWON	N352053.17	W0812020.75	N3520.886	W08120.346
	JIVOM	N353743.03	W0805809.27	N3537.717	W08058.155
	JOPAT	N354207.69	W0810309.31	N3542.128	W08103.155
	RW23	N352917.14	W0810917.91	N3529.286	W08109.299

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00866	47

CITY AND STATE LINCOLN, NC	ELEVATION: 878	THRE: 866	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: LINCOLN-LINCOLN COUNTY RGNL		RNAV	RNAV (GPS) RWY 23, AMDT 1	AMDT: ORIG
				18 SEPTEMBER 2014	DATED: 09/24/2009