

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.											
TERMINAL ROUTES					MISSED APPROACH											
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW14								
ZUBTO (IF/IAF)		OPIZU (FB)		141.93 / 7.00		3000		CLIMB TO 3100 DIRECT OWSEW AND HOLD.								
OPIZU (FAF)		HAGTI/2.30 NM TO RW14 (FB)		141.98 / 3.20												
HAGTI/2.30 NM TO RW14		RW14 (MAP) (FO)		141.98 / 2.30												
RW14 (MAP)		1449 MSL		141.98												
1449 MSL		OWSEW (FO)														
					3100					ADDITIONAL FLIGHT DATA: HOLD SE, RT, 322.14 INBOUND. CHART FAS OBST: 1354 T-L TWR 405336N/0964651W DISTANCE TO THLD FROM 250 HAT: 0.63 NM. CHART VDP AT 1.17 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 42930 REFERENCE PATH ID: W14A CHART TDZE 1199 LTP HAE: 339.2 M						
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 3E EPOCH YEAR: 2015						
2. HOLD NW ZUBTO, RT, 141.93 INBOUND, 3200 FT. IN LIEU OF PT (IAF)																
3. FAC: 141.98 FAF: OPIZU DIST FAF TO MAP: 5.50 THLD: 5.50																
4. MIN. ALT: OPIZU 3000, HAGTI/2.30 NM TO RW14 1960*																
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																
6. MIN GS INCPT: 3000 GS ALT AT: OPIZU 3000 OM: _____ MM: _____ IM: _____																
7. GS ANGLE: 3.00 TCH: 48.2 34:1 IS NOT CLEAR																
8. MSA FROM: _____																
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	1449	1	250	1449	1	250	1449	1	250	1449	1	250				
LNAV/VNAV DA	1449	1	250	1449	1	250	1449	1	250	1449	1	250				
LNAV MDA	1620	1	421	1620	1	421	1620	1 1/4	421	1620	1 1/4	421				
CIRCLING	1720	1	501	1760	1	541	1760	1 1/2	541	1820	2	601				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BEATRICE ALTIMETER SETTING AND (SEE FORM 8260-10)																
CITY AND STATE LINCOLN, NE		ELEVATION: 1219 TDZE: 1199 AIRPORT NAME: LINCOLN			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 1A 10 DECEMBER 2015					SUP: AMDT: DATED 03/07/2013				
QUALITY 4 CHECKED																

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

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NOTES, (CONT.):

INCREASE ALL DA 91 FEET AND ALL MDA 100 FEET, INCREASE LPV ALL CATS AND LNAV/VNAV ALL CATS

VISIBILITY 1/8 MILE, INCREASE LNAV CATS C/D AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

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

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

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	052/30 CW 232/30 (NOPT)	052/15 CW 232/15	4100
2.	052/15 CW 232/15	ZUBTO (IF/IAF) (FB)	3200
3.	232/30 CW 052/30	232/15 CW 052/15	4100
4.	232/15 CW 052/15	ZUBTO (IF/IAF) (FO)	3200

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RNAV (GPS) RWY 14, AMDT 1A

10 DECEMBER 2015

SUP:

4

AMDT:

1

DATED:

03/07/2013

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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLNK
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	405159.3600N
LTP/FTP LONGITUDE	0964608.1300W
LTP/FTP ELLIPSOIDAL HEIGHT	+03392
FPAP LATITUDE	405046.3000N
FPAP LONGITUDE	0964500.8400W
THRESHOLD CROSSING HEIGHT (TCH)	00048.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

24A93D11

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03655
FPAP ORTHOMETRIC HEIGHT	+03655

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC PACKET - 424-18 - RNAV (GPS)

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEAEENRT	HAGTI K30	W	N40535250W096475243				E0034	NAR		HAGTI		
	SUSAEAEENRT	OPIZU K30	W	N40563004W096501787				E0034	NAR		OPIZU		
	SUSAEAEENRT	OWSEW K30	W	N40403767W096354228				E0032	NAR		OWSEW		
	SUSAEAEENRT	ZUBTO K30	W	N41021393W096553618				E0035	NAR		ZUBTO		

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KLNKK3ALNK	0	129YHN40510320W096453280E003001219				1800018000C	MNAR	LINCOLN				

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KLNKK3FR14	AZUBTO 010ZUBTOK3EA0EE AR HF					14190040	+ 03200	18000			A JS	
	SUSAP KLNKK3FR14	R 010ZUBTOK3EA0E I IF						+ 03200	18000			A JS	
	SUSAP KLNKK3FR14	R 020OPIZUK3EA1E F 051TF					14190070	+ 03000				A JS	
	SUSAP KLNKK3FR14	R 020OPIZUK3EA2WALPV	ALNAV/VNAV ALNAV									JS	
	SUSAP KLNKK3FR14	R 021HAGTIK3EA0E S 031TF				14200032	V 0196001979		-300			A JS	
	SUSAP KLNKK3FR14	R 030RW14 K3PGOGY M 031TF				14200023	01247		-300			A JS	
	SUSAP KLNKK3FR14	R 040 0 M CA				1420	+ 01449					A JS	
	SUSAP KLNKK3FR14	R 050OWSEWK3EA0EY DF					+ 03100					A JS	
	SUSAP KLNKK3FR14	R 060OWSEWK3EA0EE R HM				32210040	+ 03100					A JS	

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KLNKK3GRW14	0086491420	N40515936W096460813-0200				+0339201199036348150R						

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KLNKK3PR14	RW14 001 0000W14A0N4051593600W09646081300+033920300N4050463000W09645008400106750224000482F40050024A93D11											
	SUSAP KLNKK3PR14	RW14 002E +03655+03655LPV	42930										

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ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ZUBTO	ZUBTO	010	IAF	HF	R	FO		141.9 (144.9T)	004.0	AA 03200	
		ZUBTO	010	FACF	IF		FB				AA 03200	
		OPIZU	020	FAF	TF		FB	0.5	141.9 (144.9T)	007.0	AA 03000	
		HAGTI	021	SDF	TF		FB	0.3	142.0 (145.0T)	003.2	AA 01960	GS 01979
		RW14	030	MAP	TF		FO	0.3	142.0 (145.0T)	002.3	AT 01247	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		142.0 (145.0T)		AA 01449	
		OWSEW	050		DF		FO				AA 03100	
		OWSEW	060		HM	R	FO		322.1 (325.1T)	004.0	AA 03100	
POINT DATA		WAYPOINT			LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS	
		HAGTI			N405352.50		W0964752.43		N4053.875		W09647.874	
		OPIZU			N405630.04		W0965017.87		N4056.501		W09650.298	
		OWSEW			N404037.67		W0963542.28		N4040.628		W09635.705	
		ZUBTO			N410213.93		W0965536.18		N4102.232		W09655.603	
		RW14			N405159.36		W0964608.13		N4051.989		W09646.136	
RUNWAY DATA		RWY		THRESHOLD ELEVATION		TCH						
		RW14		01199		48						

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					AMDT: <div style="text-align: center;">1</div>
					DATED: 03/07/2013