

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: RW27 CLIMB TO 3600 DIRECT IRSEH AND ON TRACK 300.84 TO LINTN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 165.34 INBOUND. CHART FAS OBST: 1893 TREE 461254N/1001415W CHART: 2039 TREE 461257N/1001027W DISTANCE TO THLD FROM 250 HAT: 0.70 NM. CHART VDP AT 1.11 NM TO RW27* *LNAV ONLY. WAAS CHANNEL # 86630 REFERENCE PATH ID: W27A LTP HAE: 520.1 M							
LINTN		WADGA (TF) (FO) (RNP 2.00)		107.25 / 28.85				3800									
IRIWY (IAF)		WADGA (NOPT) (TF) (FB) (RNP 1.00)		280.77 / 22.13				3800									
WADGA (IF/IAF)		OKVAE (TF) (FB) (RNP 1.00)		280.40 / 7.72				3500									
OKVAE (FAF)		CISOX/2.50 NM TO RW27 (TF) (FB) (RNP 0.30)		280.27 / 2.78													
CISOX/2.50 NM TO RW27		RW27 (MAP) (TF) (FO) (RNP 0.30)		280.22 / 2.50													
(SEE FORM 8260-10)																	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD E WADGA, RT, 280.40 INBOUND, 3800 FT. IN LIEU OF PT (IAF) 3. FAC: 280.27 FAF: OKVAE DIST FAF TO MAP: 5.28 THLD: 5.28 4. MIN. ALT: WADGA 3800, OKVAE 3500, CISOX/2.50 NM TO RW27 2500* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3500 GS ALT AT: OKVAE 3500 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: RW27 3700										MAG VAR: 6E		EPOCH YEAR: 2015					
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	2029	1	250	2029	1	250	2029	1	250		NA						
LNAV/VNAV DA	2043	1	264	2043	1	264	2043	1	264		NA						
LNAV MDA	2160	1	381	2160	1	381	2160	1 1/8	381		NA						
CIRCLING	2220	1	441	2360	1	581	2380	1 3/4	601		NA						
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LINTN ON V71 NORTH BOUND. (CONTINUED ON PAGE 2)																	
CITY AND STATE LINTON, ND		ELEVATION: 1779 TDZE: 1779 AIRPORT NAME: LINTON MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG-B				SUP: AMDT: ORIG-A DATED 02/05/2015					

QUALITY
4
CHECKED

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
				ROUTINE	
COORDINATED WITH:					
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input checked="" type="checkbox"/>	NBAA <input checked="" type="checkbox"/>
				OTHER (specify) ZMP, BIS APP CON, ARPT MGR	
FLIGHT CHECKED BY					
NAME:		PAUL ROBERT ARMSTRONG		FIFO FIOG	
		ADOLFO D URRUTIA		DATE: 03/29/2017	
		DEVELOPED BY			
NAME:		MIKE MELSEN		FIFO	
		MIKE MELSEN Apr 18, 2017		AJV-5412	
				DATE: 01/31/2017	
APPROVED BY					
NAME:		GEORGE E. DAVIS		FIFO	
		ADOLFO D URRUTIA		AJV-5410	
		MANAGER		DATE:	
CHANGES:					
1. DELETED CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 9 NA AT NIGHT. 2. DELETED CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 27 PROCEDURE NA AT NIGHT. 3. ADDED VDP AT 1.11 NM TO RW27. 4. CHANGED HELICOPTER NOTE FROM: "VISIBILITY REDUCTION BY HELICOPTERS NA" TO: "RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED".					
REASONS:					
1,2,3. REMOVED 20:1 PENETRATIONS. 4. IAW 8260.19 - UPDATED CRITERIA. 04/17/2017: THIS IS A CORRECTED COPY OF THE FORM APROVED ON 04/03/17. 1. CHANGED PROCEDURE FROM THRE TO TDZE. 2. REUNMBERED PAGE 2 FROM: "PAGE 2 OF 23PAGES" TO: "PAGE 2 OF 3 PAGES."					

QUALITY
4
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW27 (MAP)	2029 MSL (CA)	280.22	
2029 MSL	IRSEH (DF) (FB) (RNP 1.00)		
IRSEH	LINTN (TF) (FO) (RNP 1.00)	300.84 / 10.36	3600

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IRIWY ON V15 SOUTHEAST BOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BISMARCK MUNI ALTIMETER SETTING AND INCREASE ALL DA 107 FT AND VISIBILITY LPV AND LNAV/VNAV 1/4 MILE ALL CATS; INCREASE ALL MDA 120 FT AND VISIBILITY LNAV CAT C AND CIRCLING CAT C 1/4 MILE.

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

QUALITY
4
CHECKED

CITY AND STATE

LINTON, ND

ELEVATION: 1779

TDZE: 1779

AIRPORT NAME:

LINTON MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG-B

SUP:

AMDT: ORIG-A

DATED: 02/05/2015

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input type="checkbox"/></div>		NBAA <div><input type="checkbox"/></div>	
OTHER (specify)		<div><input type="checkbox"/></div>		<div><input type="checkbox"/></div>	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

**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**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	7L2
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	461309.2240N
LTP/FTP LONGITUDE	1001418.9810W
LTP/FTP ELLIPSOIDAL HEIGHT	+05201
FPAP LATITUDE	461334.0200N
FPAP LONGITUDE	1001622.2300W
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	1624
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

AD8A99A7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05421
FPAP ORTHOMETRIC HEIGHT	+05421

QUALITY
4
CHECKED

CITY AND STATE LINTON, ND	ELEVATION: 1779 AIRPORT NAME: LINTON MUNI	TDZE: 1779 LINTON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG-B	SUP:
					AMDT: ORIG-A
					DATED: 02/05/2015

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div> <div></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.			
FEEDER		LINTN		WADGA		1. AAO		461012.00N/0995421.00W		2261 (4E)		1000		AT539		3800			
						2. TERRAIN		461606.00N/1001212.00W		2044 (2000)				AS1500		3500			
INITIAL		IRIWY		WADGA		3. AAO		460748.00N/0993845.00W		2461 (4E)		1000				3500			
						4. TERRAIN		460748.00N/0993845.00W		2261 (2300)				AS1500		3800			
INTERMEDIATE		WADGA (IF/IAF)		OKVAE		5. AAO		460759.25N/0995405.54W		2329 (2C)		500				2900			
						6. TERRAIN		460751.00N/0995821.00W		2038 (2000)				AS1500		3500			
INTERMEDIATE		WADGA (IF/IAF)		OKVAE		7. AAO		461030.94N/0995431.72W		2259 (2C)		500				2800			
						6. TERRAIN		460751.00N/0995821.00W		2038 (2000)				AS1500		3500			
FINAL: LPV		OKVAE		RW27		8. RD (K7L2T0036)		461305.32N/1001414.38W		1800 (1A)		34:1				2029/250			
FINAL: LNAV/VNAV		OKVAE		RW27		9. TREE (K7L2T0027)		461254.02N/1001414.82W		1893 (1A)		161				2043/264			
						(K7L2T0027)													
FINAL: LNAV		OKVAE		CISOX/2.50 NM TO		10. AAO		461046.72N/1000700.07W		2229 (2C)		250		DG14		2500			
				RW27										RA107		2600			
2. HOLD-IN-LIEU-OF-PT		WADGA		P-5		11. AAO		461148.00N/0994857.00W		2428 (4E)		1000		AT372		3800			
						12. TERRAIN		461148.00N/0994857.00W		2228 (2200)				AS1500		3700			
3. MISSED APPROACH	MAP:		DA / DA / RW27		LINTN								ASC				3600		
	ELEV:		1842/1893/2060				13. AAO		461706.43N/1003034.50W		2179 (2C)		1000				3200		
						14. TERRAIN		461706.43N/1003034.50W		1979 (2000)				AS1500		3500			
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	441	15. TREE		461243.50N/1001458.41W		1909 (2C)		300		2220			
CATEGORY B		1.5 NM			450		581	16. TREE		461141.78N/1001408.60W		2059 (2C)		300		2360			
CATEGORY C		1.7 NM			450		601	17. TREE		461139.62N/1001353.25W		2079 (2C)		300		2380			
CATEGORY D		2.3 NM			550														
CATEGORY E		4.5 NM			550														
5. MINIMUM SAFE ALTITUDES								PRIMARY NAVAID: RW27											
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A	
360-360		AAO		247/27.6		2674 (4E)		3700											
CITY AND STATE				ELEVATION: 1779				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION			
LINTON, ND				AIRPORT NAME:		LINTON MUNI		RNAV				RNAV (GPS) RWY 27, ORIG-B				AGL			

PART B - SUPPLEMENTAL DATA										<div>PART C - REMARKS:</div> <div>ORDER 8260.3 CHAPTER 2 APPLIED TO 2039 TREE 461257N/1001027W</div> <div>TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS: 34:1 1797 RD (N) (K7L2T0032) 461305.32N/1001412.14W (7.45) 1808 TREE (K7L2T0015) 461304.35N/1001406.60W (6.64) 1796 RD (N) (K7L2T0031) 461305.32N/1001411.66W (5.50) 1806 TREE (K7L2T0014) 461304.29N/1001406.52W (4.44) 1795 RD (N) (K7L2T0029) 461305.32N/1001410.60W (2.39) 1794 RD (N) (K7L2T0025) 461305.33N/1001409.95W (0.11) 1797 TREE (K7L2T0022) 461304.61N/1001408.72W (0.07)</div> <div>NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS SAME K7L2 1778.6 FT MSL, KBIS 1661.3 FT MSL RA = 106.33.</div> <div>K7L2 AWOS AND KBIS ASOS ARE ON SERVICE A.</div> <div>PRECIPITOUS TERRAIN EVALUATION COMPLETED.</div> <div>SLOPES: LPV: 34:1 LNAV/VNAV: 23.44:1</div> <div>TAA NOT DEVELOPED PER ATC REQUEST.</div> <div>AVERAGE COLD TEMPERATURE BASED ON STANDARD -30 DEGREE CELSIUS ISA DEVIATION.</div> <div>VGSI DATA: 3.00/27.4</div> <div>VEGETATION HEIGHT USED: 100 FT PER FPT.</div> <div>BARO-VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).</div> <div>DESCENT RATE: STANDARD TEMP 838 HIGH TEMP 1136.</div> <div>TEMPERATURE LIMITS AND DESCENT VALUES DERIVED FROM AFS-400 CALCULATOR.</div> <div><div>QUALITY 4 CHECKED</div></div>																													
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																															
ZMP ARTCC BIS APP CON						N W S		OTHER: AWOS-3												SOURCE:K7L2 / KBIS																			
						F A A														DISTANCE: 0 / 39.06																			
						A / C														HOURS REMOTE OPERATION: 24 / 24																			
SATISFACTORY ON:																				LOCATION: K7L2										ADJUSTMENT: 0 / 107									
4. MONITOR STATUS		PRIMARY NAVAID:																																					
		MONITOR POINT:																																					
		HRS OPTN:		CAT 1																																			
				CAT 3																																			
5. APPROACH & RUNWAY LIGHTING				ALS																																			
				(S) SALS																																			
				MALS																																			
				HIRL																																			
		X		MIRL 09 (PCL), 27 (PCL)																																			
				REIL																																			
				TDZ																																			
				C/LINE																																			
		X		OTHER (SPECIFY) PAPI-2L 09 (PCL), 27 (PCL)																																			
6. RUNWAY MARKINGS		BASIC																																					
		ALL WEATHER																																					
		INSTRUMENT NPI-G 09, 27																																					
7. RUNWAY VISUAL RANGE		APPROACH																																					
		MIDFIELD																																					
		ROLL OUT																																					
8. GLIDE PATH		GP ANGLE: 3.00								ELEV RWY THRESHOLD:1778.6																													
		DISTANCE FROM RWY:								ELEV GP ANTENNA:																													
										THRESHOLD CROSSING HEIGHT:40.0																													
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD FT. FROM THRESHOLD																																	
				X		ON CENTERLINE FT. FROM CENTERLINE																																	
10. WAIVERS: NONE																																							
PART D - PREPARED BY: MIKE MELSSEN										DATE: 01/31/2017																													
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5412																													

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING			ALS								
			(S) SALS								
			MALS								
			HIRL								
			MIRL								
			REIL								
			TDZ								
			C/LINE								
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT									
7. RUNWAY VISUAL RANGE		APPROACH									
		MIDFIELD									
		ROLL OUT									
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
						THRESHOLD CROSSING HEIGHT:					
9. FINAL APPROACH COURSE AIMING				RUNWAY THRESHOLD					FT. FROM THRESHOLD		
				ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:											
PART D - PREPARED BY:										DATE:	
TITLE:										OFFICE:	