

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 CLIMB TO 2700 DIRECT UBHIT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 321.32 INBOUND. DISTANCE TO THLD FROM 250 HATH: 0.66 NM. CHART VDP AT 1.34 MILES TO RW14' *LNAV ONLY. WAAS CHANNEL # 86936 REFERENCE PATH ID: W14A CHART CIRCLING ICON. LTP HAE: 258.4 M							
KOWDO (IF/IAF)		EBSUH (FB)		141.11 / 5.95		2600									
EBSUH (FAF)		RW14 (MAP) (FO)		141.16 / 5.05											
RW14 (MAP)		1203 MSL		141.16		2700									
1203 MSL		UBHIT (FO)													
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW KOWDO, RT, 141.11 INBOUND, 3100 FT. IN LIEU OF PT (IAF) 3. FAC: <u>141.16</u> FAF: EBSUH DIST FAF TO MAP: <u>5.05</u> THLD: <u>5.05</u> 4. MIN. ALT: KOWDO 3100, EBSUH 2600 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2600</u> GS ALT AT: EBSUH 2600 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: 38.6 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>								MAG VAR: 0E 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	1203	7/8	250	1203	7/8	250	1203	7/8	250	1203	7/8	250			
LNAV/VNAV DA	1203	7/8	250	1203	7/8	250	1203	7/8	250	1203	7/8	250			
LNAV MDA	1420	1	467	1420	1	467	1420	1 3/8	467	1420	1 3/8	467			
CIRCLING	1420	1	467	1420	1	467	1520	1 1/2	567	1600	2	647			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE DES MOINES ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV CATS C/D AND CIRCLING CAT C/D VISIBILITY 1/4 MILE. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 953 TDZE: 953		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
NEWTON, IA		AIRPORT NAME:		NEWTON MUNI		RNAV (GPS) RWY 14, AMDT 1 13 NOVEMBER 2014				AMDT: ORIG					
										DATED 03/15/2007					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
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NOTES, (CONT.):

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13C (9F) OR ABOVE 54C (130F).

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

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

TAA

	FROM	TO	ALT
1.	051/30 CW 231/30 (NOPT)	051/15 CW 231/15	4000
2.	051/15 CW 231/15	KOWDO (IF/IAF) (FB)	3100
3.	231/30 CW 051/30	KOWDO (IF/IAF) (FO)	3100

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTNU
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	414049.5035N
LTP/FTP LONGITUDE	0930141.3280W
LTP/FTP ELLIPSOIDAL HEIGHT	+02584
FPAP LATITUDE	413940.0150N
FPAP LONGITUDE	0930026.8580W
THRESHOLD CROSSING HEIGHT (TCH)	00038.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1048
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

4A659CC6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02903
FPAP ORTHOMETRIC HEIGHT	+02903

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KTNUK3FR14	AKOWDO	010KOWDOK3EA0EE	AR	HF		14110040		+ 03100	18000			A	JS
SUSAP KTNUK3FR14	R	010KOWDOK3EA0E	I	IF				+ 03100	18000			A	JS
SUSAP KTNUK3FR14	R	020EBSUHK3EA1E	F	051TF		14110060		+ 02600				A	JS
SUSAP KTNUK3FR14	R	020EBSUHK3EA2WALPV			ALNAV/VNAV ALNAV								JS
SUSAP KTNUK3FR14	R	030RW14 K3PG0GY	M	031TF		14120051		00991		-300		A	JS
SUSAP KTNUK3FR14	R	040	0	M	CA	1412		+ 01203				A	JS
SUSAP KTNUK3FR14	R	050UBHITK3EA0EY		DF				+ 02700				A	JS
SUSAP KTNUK3FR14	R	060UBHITK3EA0EE	R	HM		32130040		+ 02700				A	JS

[illegible][illegible]

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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
	KOWDO	KOWDO	010	IAF	HF	R	FO		141.1 (141.1T)	004.0	AA 03100	
		KOWDO	010	FACF	IF		FB				AA 03100	
		EBSUH	020	FAF	TF		FB	0.5	141.1 (141.1T)	006.0	AA 02600	
		RW14	030	MAP	TF		FO	0.3	141.2 (141.2T)	005.1	AT 00991	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		141.2 (141.2T)		AA 01203	
	UBHIT	050		DF		FO				AA 02700	
	UBHIT	060		HM	R	FO		321.3 (321.3T)	004.0	AA 02700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EBSUH	N414445.82	W0930555.03	N4144.764	W09305.917
	KOWDO	N414923.81	W0931054.35	N4149.397	W09310.906
	UBHIT	N413131.26	W0925144.76	N4131.521	W09251.746
	RW14	N414049.50	W0930141.33	N4140.825	W09301.689

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00952	39

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