

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
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.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HLC VORTAC	VAYUP (FO)	006.70 / 48.03	4300	LPV: DA LNAV/VNAV: DA LNAV: RW16
MCK VOR/DME	HELGI (FB)	107.27 / 26.95	4300	
RISHO	BACBA (FB)	295.34 / 48.74	4300	CLIMB TO 4300 DIRECT CEYAL AND HOLD.
BACBA (IAF)	VAYUP (NOPT) (FB)	246.28 / 5.00	4300	
HELGI (IAF)	VAYUP (NOPT) (FB)	066.14 / 5.00	4300	
VAYUP (IF/IAF)	DOPPE (FB)	156.21 / 6.02	4000	ADDITIONAL FLIGHT DATA: HOLD SE, RT, 336.29 INBOUND. CHART FAS OBST: 2386 GRD 395133N/0995355W CHART FAS OBST: 2386 GRD 395132N/0995354W DISTANCE TO THLD FROM 250 HAT: 0.64 NM. WAAS CHANNEL # 99519 REFERENCE PATH ID: W16A

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. HOLD NW VAYUP, RT, 156.21 INBOUND, 4300 FT. IN LIEU OF PT (IAF)
 3. FAC: 156.23 FAF: DOPPE DIST FAF TO MAP: 4.87 THLD: 4.87
 4. MIN. ALT: VAYUP 4300, DOPPE 4000, UYICA/1.95 NM TO RW16 3040*
 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
 6. MIN GS INCPT: 4000 GS ALT AT: DOPPE 4000 OM: MM: IM:
 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
 8. MSA FROM: RW16 4200

MAG VAR: 8E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:	<input type="checkbox"/>	STANDARD	<input checked="" type="checkbox"/>	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	<input checked="" type="checkbox"/>										
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		2634	1	250	2634	1	250	2634	1	250		NA				
LNAV/VNAV DA		2656	1	272	2656	1	272	2656	1	272		NA				
LNAV MDA		2840	1	456	2840	1	456	2840	1 1/4	456		NA				
CIRCLING		2880	1	496	2880	1	496	2880	1 1/2	496		NA				

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING HILL CITY MUNI ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 SEE 8260-10

CITY AND STATE NORTON, KS	ELEVATION: 2384 TDZE: 2384 AIRPORT NAME: NORTON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, AMDT 1 23 SEP 2010	SUP:
				AMDT: ORIG-B
				DATED 10/23/2008

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NOTES CONT.

CHART NOTE: PROCEDURE NA AT NIGHT.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HILL CITY MUNI ALTIMETER SETTING AND INCREASE ALL DA 86 FT, ALL MDA 100 FT, INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CAT C VISIBILITY 1/4 MILE.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT MCK VOR/DME ON V220 SOUTHWEST BOUND.

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KNRN
RUNWAY RW16
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W16A
REFERENCE PATH IDENTIFIER (APPROACH ID) 395131.6840N
LTP/FTP LATITUDE 0995350.0185W
LTP/FTP LONGITUDE +07020
LTP/FTP ELLIPSOIDAL HEIGHT 395005.8600N
FPAP LATITUDE 0995318.6200W
FPAP LONGITUDE 00045.0
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 1320
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

265CC6B5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +07266
FPAP ORTHOMETRIC HEIGHT +07266

QUALITY
4
CHECKED

CITY AND STATE

NORTON, KS

ELEVATION: 2384

TDZE: 2384

AIRPORT NAME:

NORTON MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 16, AMDT 1

23 SEP 2010

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[illegible]

SUSAD	HLC	K3011370VTHA	N39153149W100133306	N39153149W100133306E0080026902	NARHILL CITY
SUSAD	MCK	K3011530VDHW	N40121367W100353921	N40121367W100353921E0080025712	NARMCCOOK

[illegible]

SUSAEAEENRT	BACBA	K30	W	N40032193W099512475	E0060	NAR	BACBA
SUSAEAEENRT	CEYAL	K30	W	N39401464W099494291	E0060	NAR	CEYAL
SUSAEAEENRT	DOPPE	K30	W	N39561297W099553308	E0061	NAR	DOPPE
SUSAEAEENRT	HELGI	K30	W	N40003853W100035642	E0062	NAR	HELGI
SUSAEAEENRT	RISHO	K30	C	L N39364537W098582295	E0054	NAR	RISHO
SUSAEAEENRT	UYICA	K30	W	N39532437W099543128	E0061	NAR	UYICA
SUSAEAEENRT	VAYUP	K30	W	N40020040W099574071	E0061	NAR	VAYUP

[illegible]

SUSAP KNRNK3ANRN 0 047YHN39510170W099534090E008002384 1800018000C MNAR NORTON MUNI

[illegible]

SUSAP	KNRNK3FR16	AHLC	010HLC	K3D	0V	IF				18000		A	JS
SUSAP	KNRNK3FR16	AHLC	020VAYUPK3EA0EY		020TF		00670480	+	04300			A	JS
SUSAP	KNRNK3FR16	AHLC	030VAYUPK3EA0EE	AR	HF		15620050	+	04300			A	JS
SUSAP	KNRNK3FR16	AMCK	010MCK	K3D	0V	IF				18000		A	JS
SUSAP	KNRNK3FR16	AMCK	020HELGIK3EA0E	A	020TF		10730270	+	04300			A	JS
SUSAP	KNRNK3FR16	AMCK	030VAYUPK3EA0EE	B	010TF		05610050	+	04300			A	JS
SUSAP	KNRNK3FR16	ARISHO	010RISHOK3EA0E		IF					18000		A	JS
SUSAP	KNRNK3FR16	ARISHO	020BACBAK3EA0E	A	020TF		29530487	+	04300			A	JS
SUSAP	KNRNK3FR16	ARISHO	030VAYUPK3EA0EE	B	010TF		24630050	+	04300			A	JS
SUSAP	KNRNK3FR16	R	010VAYUPK3EA0E	I	IF			+	04300	18000		A	JS
SUSAP	KNRNK3FR16	R	020DOPPEK3EA1E	F	051TF		15620060	+	04000			RW16	K3PGA JS
SUSAP	KNRNK3FR16	R	020DOPPEK3EA2WALFV			ALNAV/VNAV	ALNAV						JS
SUSAP	KNRNK3FR16	R	021UYICAK3EA0E	S	031TF		15620029	V	0304003054		-300	A	JS
SUSAP	KNRNK3FR16	R	030RW16	K3PGQGY	M	031TF	15620020		02429		-300	A	JS

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