

**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
LBL VORTAC	ZATUX (TF) (FB) (RNP 2.00)	320.89 / 18.76	5000
UPIRE	POYIL (TF) (FB) (RNP 2.00)	099.68 / 9.32	5000
ZATUX (IAF)	WAGIX (NOPT) (TF) (FB) (RNP 1.00)	285.77 / 5.00	5000
POYIL (IAF)	WAGIX (NOPT) (TF) (FB) (RNP 1.00)	105.65 / 5.00	5000
WAGIX (IF/IAF) (SEE FORM 8260-10)	YAPUS (TF) (FB) (RNP 1.00)	195.71 / 6.36	5000

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

CLIMB TO 5000 DIRECT OVAME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 015.59 INBOUND.
CHART FAS OBST: 3616 TOWER 371135N/1011951W, 3167 POLE 371012N/1012205W.
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
CHART VDP AT 2.19 NM TO RW20*
*LNAV ONLY.
WAAS CHANNEL # 86603
REFERENCE PATH ID: W20A
CHART CIRCLING ICON.
CHART 3280 GRAIN ELEVATOR 371054N/1012123W
LTP HAE: 927.8 M

MAG VAR: 9E EPOCH YEAR: 1985

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD N WAGIX, RT, 195.71 INBOUND, 5000 FT. IN LIEU OF PT (IAF)
3. FAC: 195.68 FAF: YAPUS DIST FAF TO MAP: 5.64 THLD: 5.64
4. MIN. ALT: WAGIX 5000, YAPUS 5000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 5000 GS ALT AT: YAPUS 5000 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 45.0 20:1 IS CLEAR 34:1 IS NOT CLEAR
8. MSA FROM: RW20 5100

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	3382	1	250	3382	1	250	3382	1	250		NA				
LNAV/VNAV DA	3437	1	305	3437	1	305	3437	1	305		NA				
LNAV MDA	3860	1	728	3860	1	728	3860	2	728		NA				
CIRCLING	3860	1	726	3860	1	726	3980	2 1/2	846		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21C OR ABOVE 54C.
CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT.
CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
(CONTINUED ON PAGE 2)

@ CAT C 900-2 1/2



CITY AND STATE HUGOTON, KS	ELEVATION: 3134 TDZE: 3132 AIRPORT NAME: HUGOTON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD T NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, ORIG-A 24 MAY 2018	SUP: AMD T: ORIG DATED 07/05/2007
--------------------------------------	---	-------------------------------------	--	---

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, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
YAPUS (FAF)	RW20 (MAP) (TF) (FO) (RNP 0.30)	195.68 / 5.64	
RW20 (MAP)	3382 MSL (CA)	195.68	
3382 MSL	OVAME (DF) (FO) (RNP 1.00)		5000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LBL VORTAC ON V507 SOUTHBOUND.
PBN REQUIREMENTS NOTE: RNP APCH



CITY AND STATE HUGOTON, KS	ELEVATION: 3134 TDZE: 3132 AIRPORT NAME: HUGOTON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, ORIG-A 24 MAY 2018	SUP:
				AMDT: ORIG
				DATED: 07/05/2007

**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	KHQG
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	371004.9190N
LTP/FTP LONGITUDE	1012202.5995W
LTP/FTP ELLIPSOIDAL HEIGHT	+09278
FPAP LATITUDE	370843.8350N
FPAP LONGITUDE	1012249.0810W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 79960FF6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+09539
FPAP ORTHOMETRIC HEIGHT	+09539



CITY AND STATE HUGOTON, KS	ELEVATION: 3134 TDZE: 3132 AIRPORT NAME: HUGOTON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, ORIG-A 24 MAY 2018	SUP:
				AMDT: ORIG
				DATED: 07/05/2007