

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> BURLINGTON INTL	<u>AIRPORT ID</u> KBTV	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> BURLINGTON	<u>STATE</u> VT	
<u>AIRPORT ELEVATION</u> 335	<u>TDZE</u> 334	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 11/15/2012	<u>MAG VAR</u> 15W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 221/30 CW 041/30	NOPT	SILDE	IF/IAF	6000
2. 041/30 CW 131/30		POROE	IAF	6500
3. 131/30 CW 221/30		131/5 CW 221/5		6800
3. 131/5 CW 221/5		SILDE	IF/IAF	6000

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
POROE	IAF	SILDE	NOPT	TF	FB	1.00	040.96	6.00	6000
SILDE	IF/IAF	FOGMO		TF	FB	1.00	311.00	8.16	4600
FOGMO		ZABOX		TF	FB	1.00	310.88	2.70	3900
ZABOX	FAF	WENKI/4.30 NM TO HABOK		TF	FB	0.30	310.98	5.00	
WENKI/4.30 NM TO HABOK		IRAGE/2.10 NM TO HABOK		TF	FB	0.30	310.98	2.20	
IRAGE/2.10 NM TO HABOK		NASEE/1.02 NM TO HABOK		TF	FB	0.30	310.98	1.08	
NASEE/1.02 NM TO HABOK		HABOK	MAP	TF	FO	0.30	310.98	1.02	
HABOK	MAP	735 MSL		CA			310.98		
735 MSL		MANIF		DF	FB	1.00			
MANIF		STAEV		TF	FO	1.00	328.69	11.28	3000

QUALITY
10
CHECKED

MISSED APPROACH

MAP:

LNAV: HABOK

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT MANIF AND ON TRACK 328.69 TO STA EV AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)
2. HOLD SE SILDE, RT, 311.00 INBOUND, 6000 FT. IN LIEU OF PT (IAF), MAX 10000.				
3. FAC:	310.98	FAF: ZABOX	DIST FAF TO MAP: 9.30	DIST FAF TO THLD: 9.78
4. MIN ALT: SILDE 6000, FOGMO 4600, ZABOX 3900, WENKI/4.30 NM TO HABOK 2120, IRAGE/2.10 NM TO HABOK 1320, NASEE/1.02 NM TO HABOK 940				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:
6. MIN GP INCPT:	GP ALT AT FAF :		OM:	MM: IM:
7. GP ANGLE:	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH:	
8. MSA FROM:				

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 1 NA AT NIGHT.
CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4SM NOT AUTHORIZED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

NASEE TO RW33: 3.47/55.
CHART R-6501 A & B
CHART FAS OBST: 476 TREE 442727N/0730919W.
CHART 1197 TREE 442505N/0730313W, 941 TREE 442552N/0730556W.
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.
HOLD NW, RT, 145.67 INBOUND

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, CAT D 1100-3, CAT E 1200-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LNAV MDA	740	4000	406	740	4000	406	740	5000	406	740	6000	406	740	6000	406
CIRCLING	840	1	505	860	1	525	1200	2 1/2	865	1380	3	1045	1500	3	1165



CHANGES - REASONS

- 1. CHANGED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4SM NOT AUTHORIZED" TO "RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4SM NOT AUTHORIZED" - 8260.19H FORMAT
- 2. DELETED DME/DME RNP-0.3 NA NOTE AND ADDED PBN NOTE "RNP APCH" - CURRENT FORMAT
- 3. ADDED 20:1 IS CLEAR TO LINE 7 - CURRENT FORMAT
- 4. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - NEW CIRCLING CRITERIA USED
- 5. INCREASED FINAL MDA FROM 720 TO 740 - NEW CONTROLLING OBSTACLE
- 6. INCREASED LNAV CAT C VISIBILITY FROM RVR 4000 TO RVR 5000 - PER VISCHECK CALC
- 7. INCREASED CIRCLING CAT C MDA FROM 860 TO 1200 - NEW CIRCLING CRITERIA USED
- 8. INCREASED CIRCLING CAT D MDA FROM 1000 TO 1380 - NEW CIRCLING CRITERIA USED
- 9. INCREASED CIRCLING CAT E MDA FROM 1280 TO 1500 - NEW CIRCLING CRITERIA USED
- 10. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C VISIBILITY TO RVR 6000 - PER VISCHECK



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
BURLINGTON INTL	KBTV	RNAV (GPS) Y RWY 33	ORIG-B	BURLINGTON	VT
COORDINATED WITH:					
A4A <input type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input checked="" type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> OTHER: ZBW, BTV ATCT, BTV APP CON, ARPT MGR, ATA					
FLIGHT CHECKED BY		OFFICE	DATE		
JORGE A MALCUN		FICO	9/14/18		
DEVELOPED BY		OFFICE	DATE		
HERMAN C. ROGERS		AJV-5432	07/18/2018		
APPROVED BY		OFFICE	DATE	TITLE	
PATRICK MULQUEEN		AJV-5430		MANAGER	

