



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 40000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: no
- Use PACOTS: no
- Use low airways: no
- Use high airways: no

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KBNA	-	36.12450	0 ft	-	Nashville International
APT	-	-86.67820	0 m		
KCHA	-	35.03570	0 ft	97	Lovell Field
APT	-	-85.20350	0 m		

KBNA

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 4

Elevation: 598 ft / 182 m
Location: 36.124500 -86.678200
Magnetic Var: 4.365 W

METAR

KBNA 031053Z 18003KT 9SM -RA BKN110 OVC150 20/18 A2995 RMK A02 SLP134 P0004 T02000183

TAF

KBNA 030522Z 0306/0406 10004KT P6SM VCSH OVC150 TEMPO 0309/0313 4SM -SHRA BR OVC025 FM031300 15007KT P6SM VCSH BKN

Frequencies

REC - 135.10 MHz - KBNA ATIS
GND - 121.90 MHz - NASHVILLE GROUND
APP - 119.35 MHz - NASHVILLE APPROACH
COM - 122.95 MHz - NASHVILLE UNICOM
TWR - 118.60 MHz - NASHVILLE TOWER
DEP - 118.40 MHz - NASHVILLE DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02C	148 ft	8,014 ft	17.92	CONCRETE	0 ft	0 ft
	45 m	2,443 m	22.28		0 m	0 m
20C	148 ft	8,014 ft	197.92	CONCRETE	0 ft	0 ft
	45 m	2,443 m	202.29		0 m	0 m
02R	148 ft	8,013 ft	17.92	CONCRETE	0 ft	0 ft
	45 m	2,442 m	22.29		0 m	0 m
20L	148 ft	8,013 ft	197.93	CONCRETE	0 ft	0 ft
	45 m	2,442 m	202.29		0 m	0 m
02L	148 ft	7,718 ft	17.59	CONCRETE	0 ft	0 ft
	45 m	2,352 m	21.95		0 m	0 m
20R	148 ft	7,718 ft	197.59	CONCRETE	0 ft	0 ft
	45 m	2,352 m	201.95		0 m	0 m
13	148 ft	11,030 ft	133.44	CONCRETE	823 ft	0 ft
	45 m	3,362 m	137.80		251 m	0 m
31	148 ft	11,030 ft	313.45	CONCRETE	761 ft	0 ft
	45 m	3,362 m	317.82		232 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02L	DME	IBNA	109.90 MHz	18 nm	-	-	599 ft
				33 km	-		599 m
02R	DME	IUQU	111.75 MHz	18 nm	-	-	599 ft
				33 km	-		599 m
20L	DME	ISSX	109.35 MHz	18 nm	-	-	599 ft
				33 km	-		599 m
02C	LOC-ILS	IEZN	110.75 MHz	18 nm	17.91	-	598 ft
				33 km	22.28		598 m
02L	LOC-ILS	IBNA	109.90 MHz	18 nm	17.57	-	548 ft
				33 km	21.94		548 m
02R	LOC-ILS	IUQU	111.75 MHz	18 nm	17.92	-	536 ft
				33 km	22.28		536 m
20L	LOC-ILS	ISSX	109.35 MHz	18 nm	197.92	-	598 ft
				33 km	202.28		598 m
20R	LOC-ILS	IVIY	111.30 MHz	18 nm	197.58	-	598 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	201.94		598 m
31	LOC-ILS	IPNO	111.95 MHz	18 nm	313.42	-	598 ft
				33 km	317.79		598 m
02C	GS	IEZN	110.75 MHz	10 nm	18.83	3.00	598 ft
				19 km	23.19		598 m
02L	GS	IBNA	109.90 MHz	10 nm	18.16	3.00	595 ft
				19 km	22.52		595 m
02R	GS	IUQU	111.75 MHz	10 nm	18.83	3.00	582 ft
				19 km	23.20		582 m
20L	GS	ISSX	109.35 MHz	10 nm	198.83	3.00	535 ft
				19 km	203.20		535 m
20R	GS	IVIY	111.30 MHz	10 nm	198.16	3.00	562 ft
				19 km	202.52		562 m
31	GS	IPNO	111.95 MHz	10 nm	313.88	3.00	575 ft
				19 km	318.24		575 m

KCHA

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 2

Elevation: 683 ft / 208 m
Location: 35.035700 -85.203500
Magnetic Var: 5.263 W

METAR

KCHA 031053Z 24003KT 10SM SCT060 OVC110 20/18 A2998 RMK A02 SLP143 T02000178

TAF

TAF AMD KCHA 030750Z 0308/0406 VRB05KT P6SM -SHRA BKN070 OVC100 PROB30 0320/0402 4SM TSRA OVC030CB FM040200 VRB03KT

Frequencies

COM - 118.30 MHz - CTAF	COM - 122.95 MHz - UNICOM
REC - 119.85 MHz - ATIS	GND - 121.70 MHz - CHATTANOOGA GROUND
TWR - 118.30 MHz - CHATTANOOGA TOWER	APP - 119.20 MHz - CHATTANOOGA APPROACH
APP - 125.10 MHz - CHATTANOOGA APPROACH	APP - 126.50 MHz - ATLANTA ARTCC APPROACH
DEP - 119.20 MHz - CHATTANOOGA DEPARTURE	DEP - 125.10 MHz - CHATTANOOGA DEPARTURE
CLD - 120.95 MHz - CLEARANCE DELIVERY	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14	148 ft	5,584 ft	145.60	ASPHALT	112 ft	0 ft
	45 m	1,702 m	150.87		34 m	0 m
32	148 ft	5,584 ft	325.61	ASPHALT	581 ft	0 ft
	45 m	1,702 m	330.87		177 m	0 m
02	148 ft	7,420 ft	16.64	ASPHALT	0 ft	46 ft
	45 m	2,262 m	21.90		0 m	14 m
20	148 ft	7,420 ft	196.65	ASPHALT	7 ft	0 ft
	45 m	2,262 m	201.91		2 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	LOC-ILS	ICGW	108.30 MHz	18 nm	16.64	-	683 ft
				33 km	21.90		683 m
20	LOC-ILS	ICHA	109.50 MHz	18 nm	196.64	-	683 ft
				33 km	201.90		683 m
02	GS	ICGW	108.30 MHz	10 nm	16.64	3.00	683 ft
				19 km	21.90		683 m
20	GS	ICHA	109.50 MHz	10 nm	196.64	3.00	683 ft
				19 km	201.90		683 m