**B-1B “The Bone”**

Dimensions:
- Length = 146 ft.
- Height = 34 ft.
- Wing Span = 79-137 ft.
- Weight = up to 477,000 lbs.

High & Low altitude, all weather capable
- 500’ AGL to FL300+

Medium Altitude: 480 - 510 KTAS

Low Altitude: 540 GS

Departure: 360 - 400 KIAS <10K MSL

Two-Ship Formation
- High: 1000’ Alt Separation, 3nm in Trail
- Low: Same Alt, 3-9nm in Trail

* NO TCAS
* NO ADS-B

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**Collision Avoidance Tips**

- Know the high-density traffic areas
  - Review local airspace NOTAMS

- Fly IFR, get flight following

- Use Mode C transponder
  - Cross-check accuracy with ATC

- Use the appropriate hemispheric altitudes

- Use landing lights, especially near airports

- Use standard traffic pattern procedures at uncontrolled fields

- Clear constantly for other aircraft, both visually and over the radio

- Keep your windows and windscreen clean and clear

- When flying at night, preserve night vision
  - Avoid using white light

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**BE PREDICTABLE!**

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**Ellsworth Air Force Base**
Mid-Air Collision Avoidance

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28th Bomb Wing Flight Safety
2300 Vandenberg Court, Suite 113
Ellsworth AFB, SD 57706-4729
(605) 385-2599 or 4419

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**US Air Force Safety**
Ellsworth AFB

Airfield Identifier: KRCA
Coordinates: 44° 08’N 103°06’W
Elevation: 3276’
Frequencies:
  - Approach – 119.5
  - Tower – 126.05
  - Ground – 121.8
  - ATIS – 120.625

Radar Pattern: 6000’ MSL
Visual Pattern: 4500’ MSL

Operating Hours:
Mon – Thu: 0700L – 0030L
Fri: 0700L – 2100L
Closed Weekends and Holidays

Powder River Training Complex

Low Level Route IR-499

- Starts: N of Lusk, WY
- NW to N of Worland, WY
- SW to S of Jackson Hole, WY
- Width: 8-12 Miles Wide
- Altitude: 500’ AGL - 13,000’
- Used by B-1B, F-15, C-130, C-17, & others

B-1B Flight Parameters

- Low Altitude
  - 500’ - 2000’ AGL
  - 540 GS
- High Altitude
  - FL180 - FL260
  - 480 - 510 KTAS

CHECK AIRSPACE ACTIVITY

https://sua.faa.gov/