



# BARKSDALE A.F.B.

# M.A.C.A.

## MID-AIR COLLISION AVOIDANCE

[WWW.SEEANDAVOID.ORG](http://WWW.SEEANDAVOID.ORG)

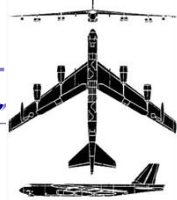
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### Barksdale Assigned Aircraft



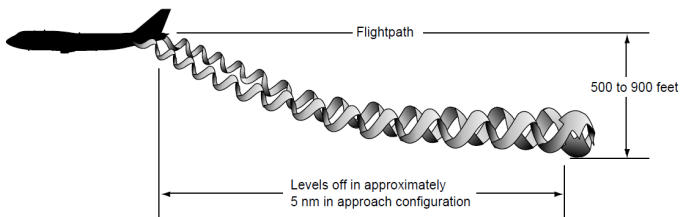
#### B-52H

"Stratofortress"



Built By: Boeing Length: 159'4" Wing Span: 185'  
Weight: 488,000 lbs Max: 390 KIAS Patterns: 130-250 KIAS

Barksdale is home to the Formal Training Unit (FTU) for the B-52 which trains all of our new aircrew. They receive approximately 100 hours of flying including many hours in the Barksdale instrument and visual traffic pattern. Barksdale is also home to several operational and test squadrons that consist-



### Transient Aircraft

#### F-15E "Strike Eagle"



#### F-16 "Fighting Falcon"



#### P-8 "Poseidon"



#### A-10 "Thunderbolt"



#### E-6 "Mercury"



#### E-4B "AACP"



#### C-21 Lear Jet



#### T-1A "Jayhawk"



#### T-38 "Talon"



#### T-6 "Texan II"

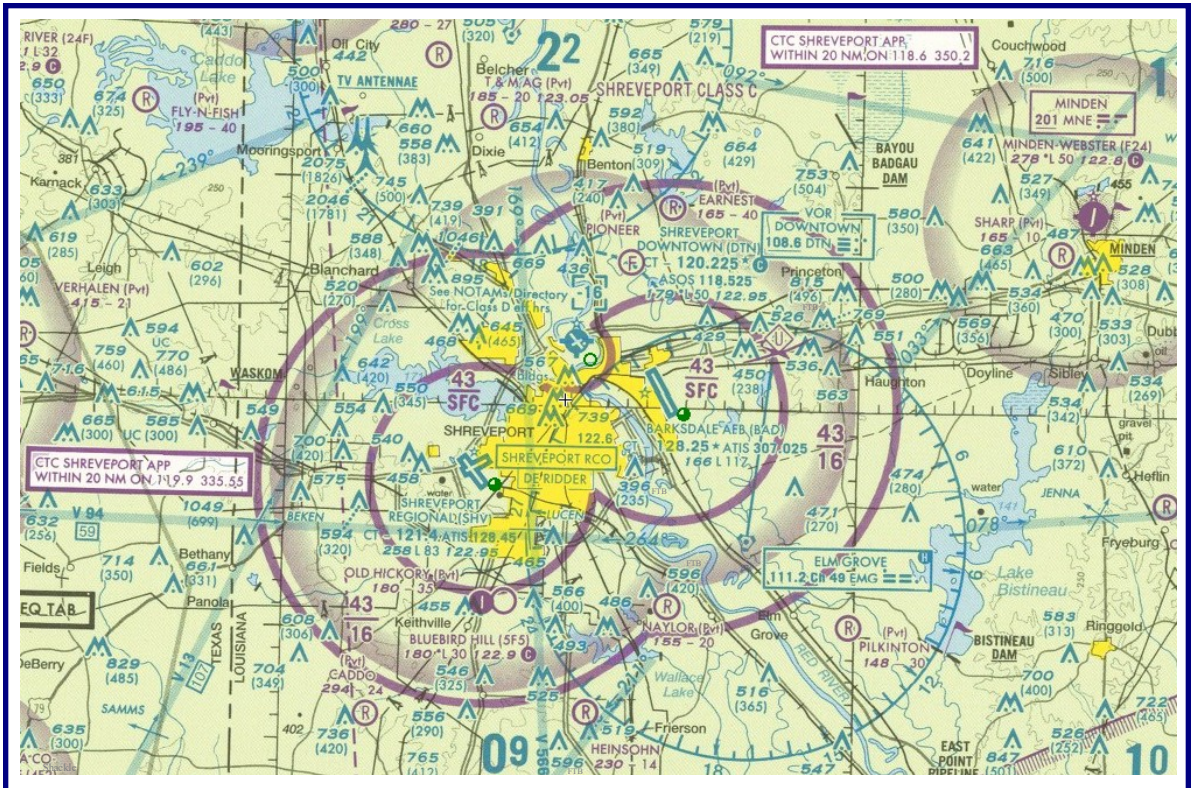


For full information on any Air Force aircraft please visit the website:  
<http://www.globalsecurity.org/military/systems/aircraft/index.html>

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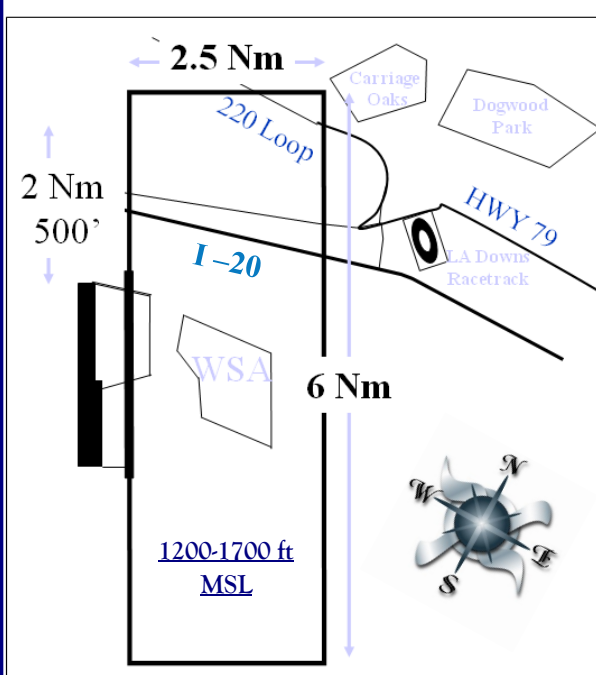
Midair Collision Avoidance is an area of major concern to anyone who flies an airplane. Although the number of midair collisions between general aviation and Air Force aircraft are considered to be low, 80% of reported Air Force near misses are with general aviation aircraft. General aviation traffic in the Shreveport area and our busy traffic pattern at Barksdale Air Force Base is ever increasing. We've provided you with a few flying safety tips to assist you with your overall avoidance procedures.



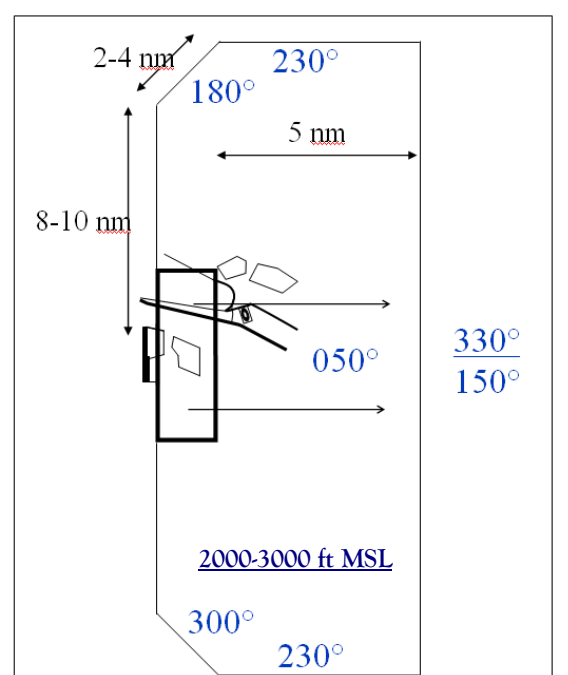
### How to avoid A MID-AIR COLLISION

There are numerous flight operations in the Shreveport/Barksdale area to include civilian air carriers, primary and advanced student training, and transient military aircraft all attempting to share the same airspace. The majority of midair collisions are the result of faster aircraft overtaking and hitting slower aircraft. NTSB studies revealed that pilot experience levels ranged from initial solos to 15,000 hour veterans and that 37% of all midair collisions involved instructors. Studies also show that the vast majority of midair's occurred at uncontrolled airports below 3,000 feet. Enroute collisions usually occur below 8,000 feet and within 25 miles of an airport. Nearly all midair collisions occurred in VFR. Your best defense might just be your transponder. ATC radar service is the best defense against an overtaking aircraft. Remember to always keep your eyes out of the cockpit and continue to build and maintain good scanning habits.

### Visual Pattern



### Basic Radar Pattern Dimensions



The information provided is to better inform you about Barksdale Air Force Base's aircraft, operations, and local hazards.