

# CHINESE REDUCED OBSERVABLE AIRCRAFT

## Stealth Slayer?

J-20 low-signature prototype  
could be threatened by  
small-target sensors

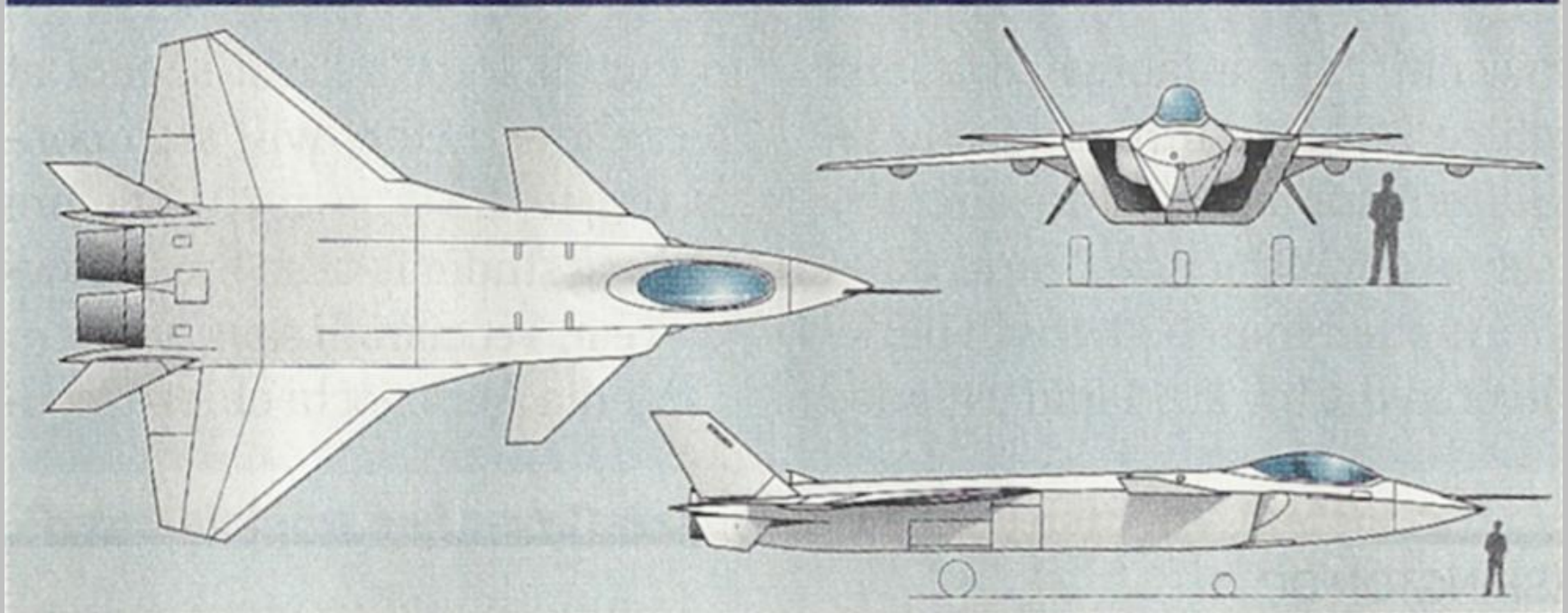


Analogous to Boeing  
(McDonnell Douglas)  
F-15S Reduced  
Signature Fighter

Chengdu Aircraft  
Design Institute J-20

# CANARD CONFIGURATION TO REDUCE SUPERSONIC TRIM DRAG

## CHENGDU J-20 FIGHTER



From Flight International, and AW&ST magazines

**AIR SHOW MODEL HAS DIFFERENCES. IS THIS A CHENGDU J-10?**





# BASIC CHARACTERISTICS



## Reduced Signature Aircraft Analogous to F-15S



Fuselage chine

Canted verticals

All flying verticals



Canards



**CANARD LAYOUT  
INDICATES  
HIGH  
MANEUVERABILITY  
AND LOW  
SPEED  
CONTROL**

# INTERESTING INTERNET PHOTOS



Flying or simulation?

Is This a J-20 with an  
Alternate Inlet Geometry?

Inverted Supersonic Sugar Scoop  
Like Vought F-8U

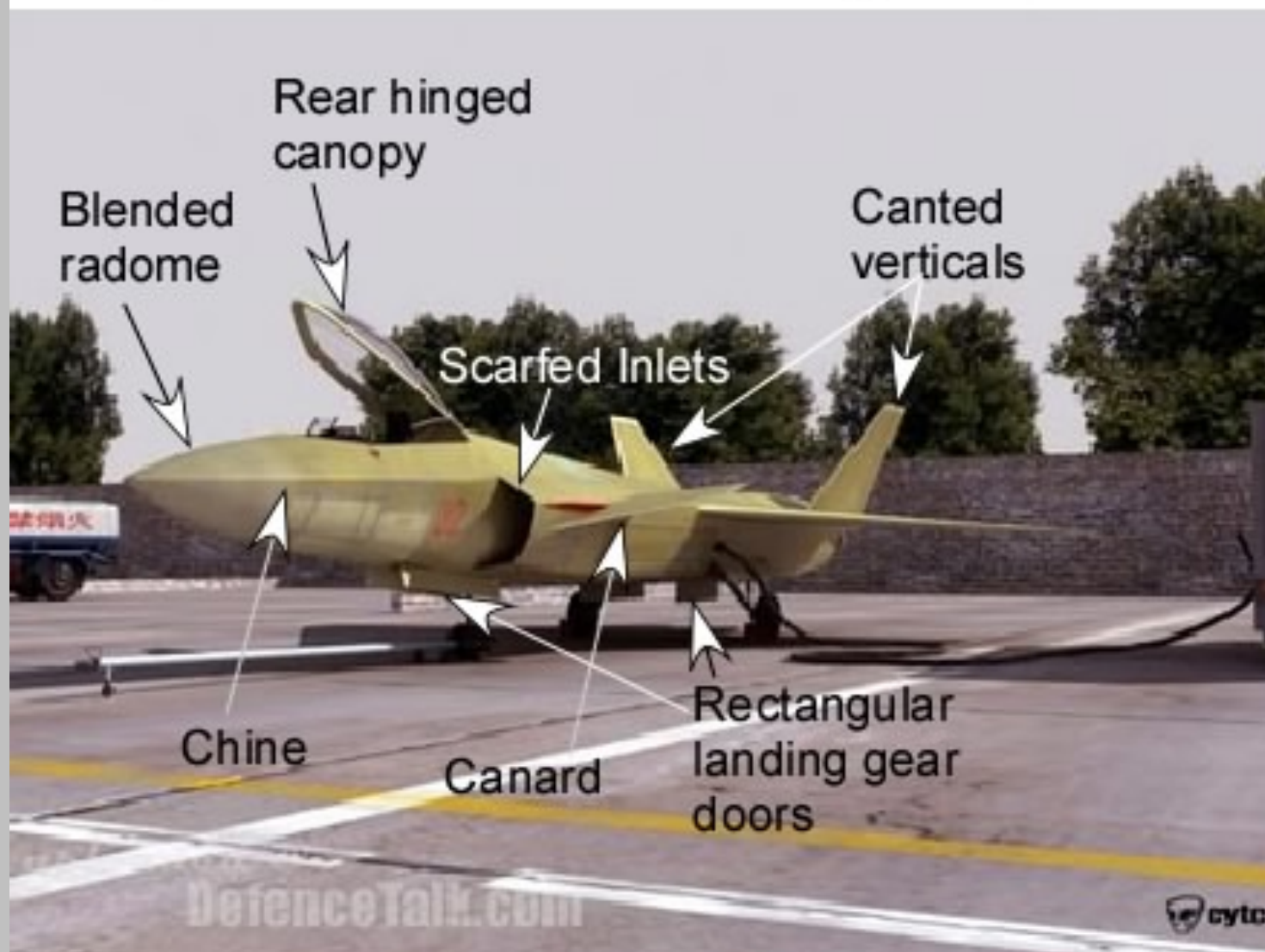


Ramjet missile in Bays?

Note Large  
Lateral Internal  
Weapons Bay

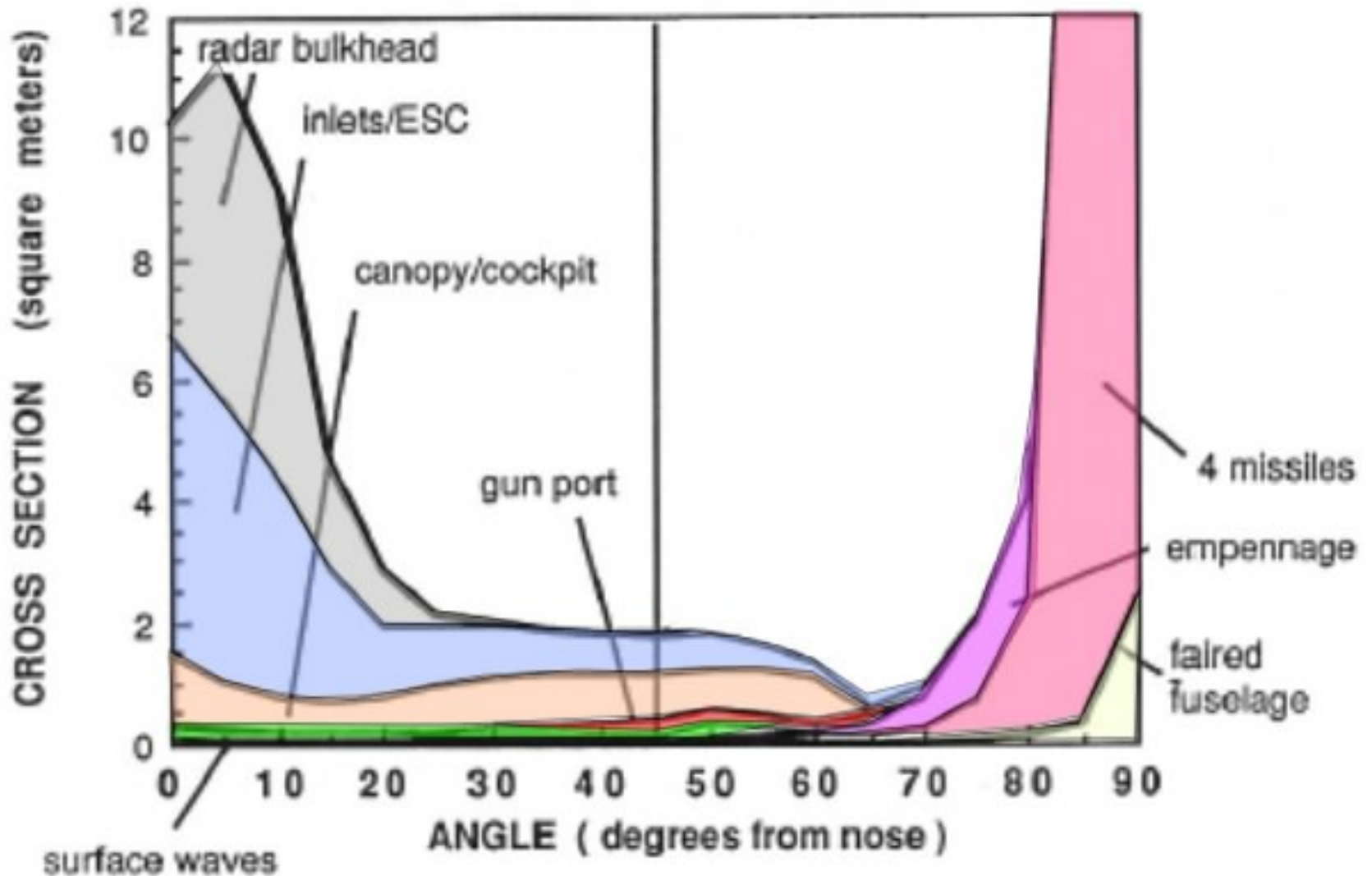


# Un-painted Chinese Reduced Signature Aircraft





# IT ONLY TAKES ADDRESSING A FEW ELEMENTS TO ACHIEVE AN ACCEPTABLE LEVEL





# F-35B FOR COMPARISON

