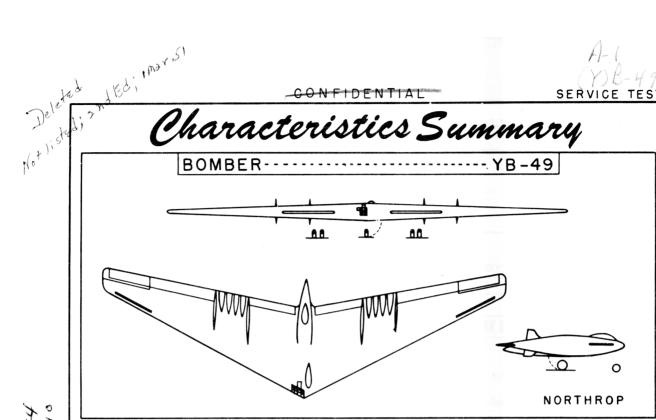
Characteristics Summary



Wing Area 4000 sq ft

Length..... 53.1 ft

Span 172.0 ft Height 15.2 ft

AVAILABILITY Number available			PROCUREMENT Number to be delivered in fiscal years		

STATUS

SERVICE TEST

- 1. Authorization for conversion from YB-35's to YB-49's: June 1945
- 2. First Flight: October 1947
- 3. Two service test articles completed
- 4. First article acceptance: June 1948; Second article: May 1949

POWER PLANT

(8) J35-A-15 Allison

ENGINE RATINGS

S.L. Static

LB - RPM

Max:

plassification cancelled

AUTH:

3750 - 7700

Mil:

3750 - 7700

Nor:

3270 - 7400

FEATURES

Crew:

Pressurization

Cooling

Heating

Max Fuel Cap: 14,542 gal.

ARMAMENT

Turrets:

None

Guns:

6

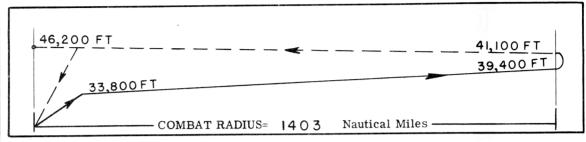
None

Max Bomb Load:

10x1600 lb

Max Bomb Size:

4000 lb



PERFORMANCE					
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED			
1403 naut. mi	2828 naut. mi	403 * knots at stalt, max power			
with 10,000 lb payload	with 10,000 lb payload	MAXIMUM SPEED			
at 365 knots avg.	at 365 knots avg.	428 * knots at			
in 7.87 hours.	in 7.84 hours.	20,800 ft alt, max power			
CLIMB	CEILING	TAKE-OFF			
1780 fpm sea level, take-off weight normal power	35,400 ft rormal power ft	ground run 4850 ft ft no assist assisted			
3785 fpm sea level, combat weight maximum power	40,700 ft 500 fpm, combat weight maximum power	over 50 ft height 5850 ft ft assisted			
L O A D	WEIGHTS	STALLING SPEED			
Bombs: 10,000 lb	Empty 88,442 lb Combat 133,569 lb	90 knots flaps down, take-off weight			
Fuel: 13,647 gal protected 37 % droppable 0 % external 0 %	Take - off 193,938 lb Limited by space	TIME TO CLIMB			

0 T E S N

1. PERFORMANCE BASIS:

(a) Calculated data based on manufacturer's flight test and wind tunnel data.

(b) In computing Radius and Range, specific fuel consumptions have been increased 5% to al-

2. Fuel Density: 6.7 lb/gal.

3. REVISION BASIS: To reflect change in take-off weight Property of the Air Force Base

*Mach number limitation Property Air Force Base Wright-Patterson Air Force Base Ohio 45433