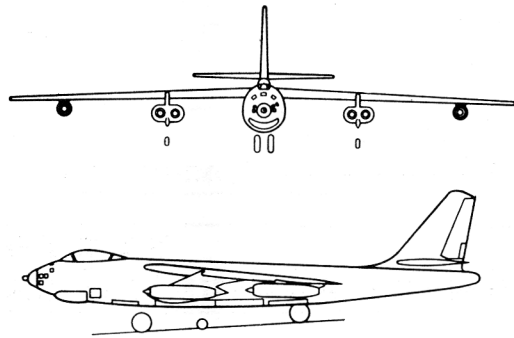
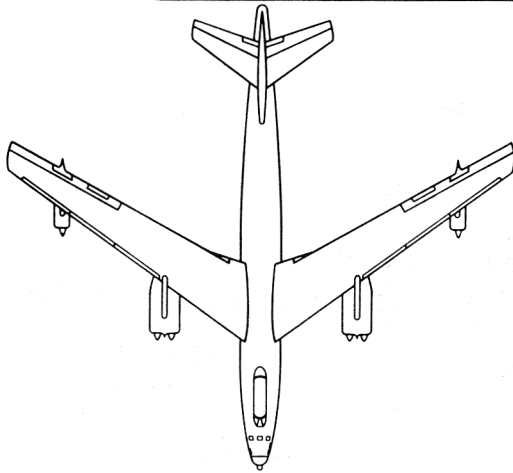


A-1
B-47A/char

Characteristics Summary

BOMBER B - 47A



BOEING

Wing area 1428.0 sq ft Length 106.7 ft
Span 116.0 ft Height 27.9 ft

AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

STATUS

1. Design initiated: December 1945 (XB-47)
2. First flight: December 1947 (XB-47)
3. First flight B-47A: April 1950

POWER PLANT	
(6) Turbo-jet	J 47-GE-11 General Electric
ENGINE RATINGS	
S.L. Static	LB - RPM
T.O:	5200 - 7950
Mil:	5200 - 7950
Nor:	4730 - 7630

FEATURES	
Crew:	3
Cabin Pressurization	
Bicycle Landing Gear	
Thermal Anti-icing	
Bombing & Navigation Radar	
Anti-skid Brakes	
Braking Parachute	
ATO (prov.): 18 x 1000 lb thrust (15 seconds duration)	
Max Fuel Capacity:	9789 gal.

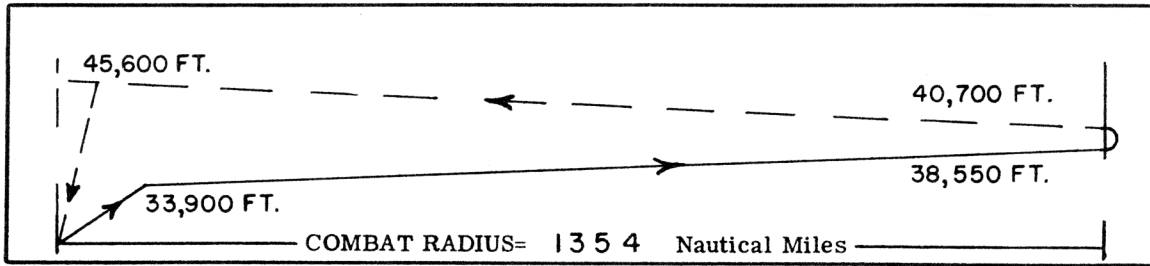
ARMAMENT	
Space and structural provisions for a tail turret.	
Max Bomb Load:	(1) 22,000 lb
Max Bomb Size:	22,000 lb

Classification cancelled or changed to *unclassified*
 AUTH: AFSC - AFSC Sec class *Revised 1 Jan 64*
 BY: *A. R. Somerton* 190664
13 Dec 1966
Doc Dir 52-0010

19 OCT. 1949

1 Dec 1949 addn

Characteristics Summary Basic Mission B - 47A



P E R F O R M A N C E		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
1354 naut. mi with 10,000 lb payload at 422 knots avg. in 6.61 hours.	2648 naut. mi with 10,000 lb payload at 421 knots avg. in 6.38 hours.	490 knots at 35,000 ft alt, max power
		MAXIMUM SPEED
		536 knots at 10,500 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
3100 fpm sea level, take-off weight normal power	35,500 ft 100 fpm, take-off weight normal power	ground run 5950 ft no assist ft assisted
7000 fpm sea level, combat weight maximum power	43,800 ft 500 fpm, combat weight maximum power	over 50 ft height 6450 ft no assist ft assisted
L O A D	W E I G H T S	S T A L L I N G S P E E D
Bombs: 10,000 lb Ammunition: None	Empty..... 73,149 lb Combat... 104,143 lb Take - off 150,500 lb limited by space	125 knots flaps down, take-off weight
Fuel: 9789 gal protected 100 % droppable 0 % external 0 %		TIME TO CLIMB —————

- N O T E S**
- PERFORMANCE BASIS:
 - Estimated data
 - In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft.
 - Fuel density 6.7 lb/gal.
 - REVISION BASIS: To correct performance data to reflect long range cruise operation in lieu of max range cruise operation.