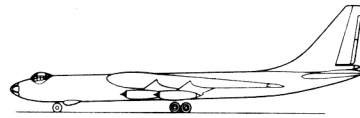
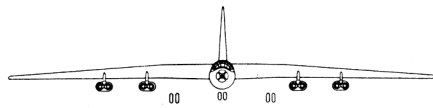
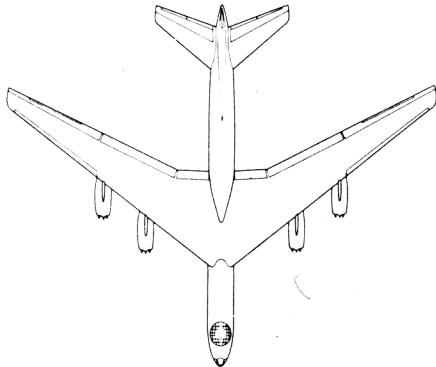


A-1
(Y) B-36G (copy)
PRELIMINARY

Characteristics Summary

BOMBER YB-36G



CONSOLIDATED-VULTEE

Wing area 5239 sq ft Length 168.7 ft
Span 206.4 ft Height 50.4 ft

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

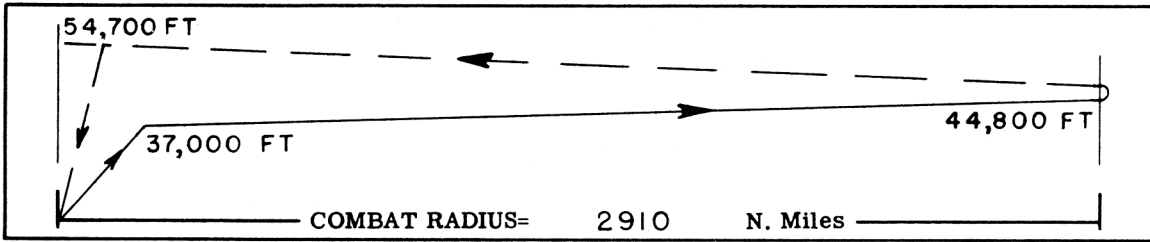
STATUS

1. Design initiated: 5 Mar 51
2. First flight prototype: Nov 51 (est)

POWER PLANT	FEATURES	ARMAMENT																
<p style="text-align: center;">(8)YJ57-P-3 Pratt & Whitney</p> <p style="text-align: center;">ENGINE RATINGS</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">S.L.S.</td> <td style="width: 15%;">LB - RPM - MIN</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>Max:</td> <td>8700- { *5850 **9690 }</td> <td>- 5</td> <td></td> </tr> <tr> <td>Mil:</td> <td>8700- { *5850 **9690 }</td> <td>- 30</td> <td></td> </tr> <tr> <td>Nor:</td> <td>7500- { *5570 **9440 }</td> <td>- Cont</td> <td></td> </tr> </table> <p>*Low pressure compressor **High pressure compressor</p>	S.L.S.	LB - RPM - MIN			Max:	8700- { *5850 **9690 }	- 5		Mil:	8700- { *5850 **9690 }	- 30		Nor:	7500- { *5570 **9440 }	- Cont		<p>Crew: 5</p> <p>Cabin Pressurization</p> <p>Thermal Anti-icing</p> <p>Gun Laying Radar</p> <p>Bombing Navigation Radar</p> <p>Defensive ECM</p> <p>Braking Parachute</p> <p>Max Fuel Cap: 42,106 gal</p>	<p>Turrets: 1</p> <p>Guns: 2x20mm</p> <p>Ammunition(tot.): 800 rds</p> <p>Max Bomb Load: 72,000 lb</p> <p>Max Bomb Size: 43,000 lb</p>
S.L.S.	LB - RPM - MIN																	
Max:	8700- { *5850 **9690 }	- 5																
Mil:	8700- { *5850 **9690 }	- 30																
Nor:	7500- { *5570 **9440 }	- Cont																

Classification cancelled
 or changed to *Unclassified*
 AUTH: AFSC AFIC *Secret* *Classified*
 By *A. R. Sommers* *19*
 Signature and Grade *16 Dec 1966*

Characteristics Summary Basic Mission YB-36G



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
2910 naut. mi with 10,000 lb payload at 400 knots avg. in 14.74 hours.	5750 naut. mi with 10,000 lb payload at 400 knots avg. in 14.47 hours.	446 knots at 35,000 ft alt, max power
		MAXIMUM SPEED
		448 knots at 35,332 ft alt, max power
CLIMB	CEILING	TAKE-OFF
1570 fpm sea level, take-off weight normal power	37,300 ft 100 fpm, take-off weight normal power	ground run 6710 ft — ft no assist assisted
3815 fpm sea level, combat weight maximum power	46,200 ft 500 fpm, combat weight maximum power	over 50 ft height 8131 ft — ft no assist assisted
LOAD	WEIGHTS	STALLING SPEED
Bombs: 10,000 lb Ammunition: 800 rds/20mm	Empty..... 136,292 lb Combat... 251,300 lb Take - off 410,000 lb limited by strength	115.3 knots flaps down, take-off weight
Fuel: 40,125 gal protected 41 % droppable 0 % external 0 %		TIME TO CLIMB —

N O T E S

1. PERFORMANCE BASIS:
 (a) Contractor estimated data (Not substantiated by AMC)
 (b) Fuel density: 6.5 lb/gal (JP-3)

2. REVISION BASIS: Initial issue

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 Wright-Patterson Air Force Base
 Ohio 45433