

11
XB-58

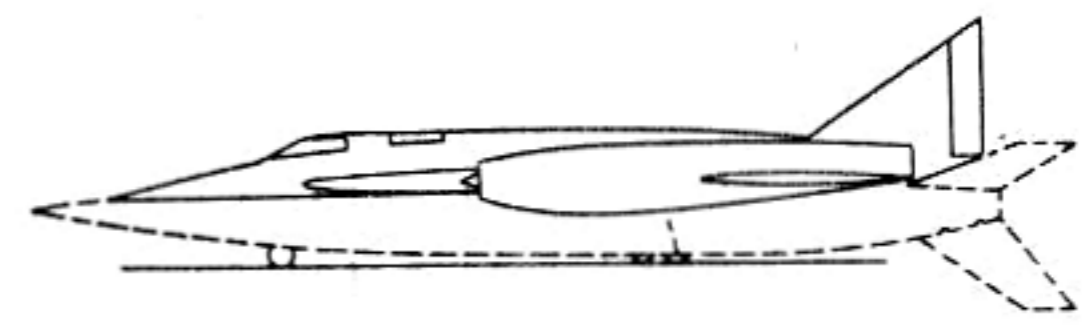
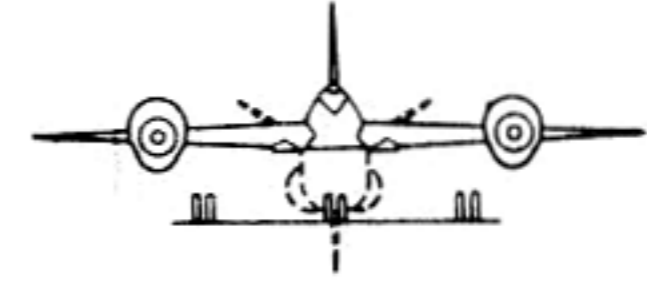
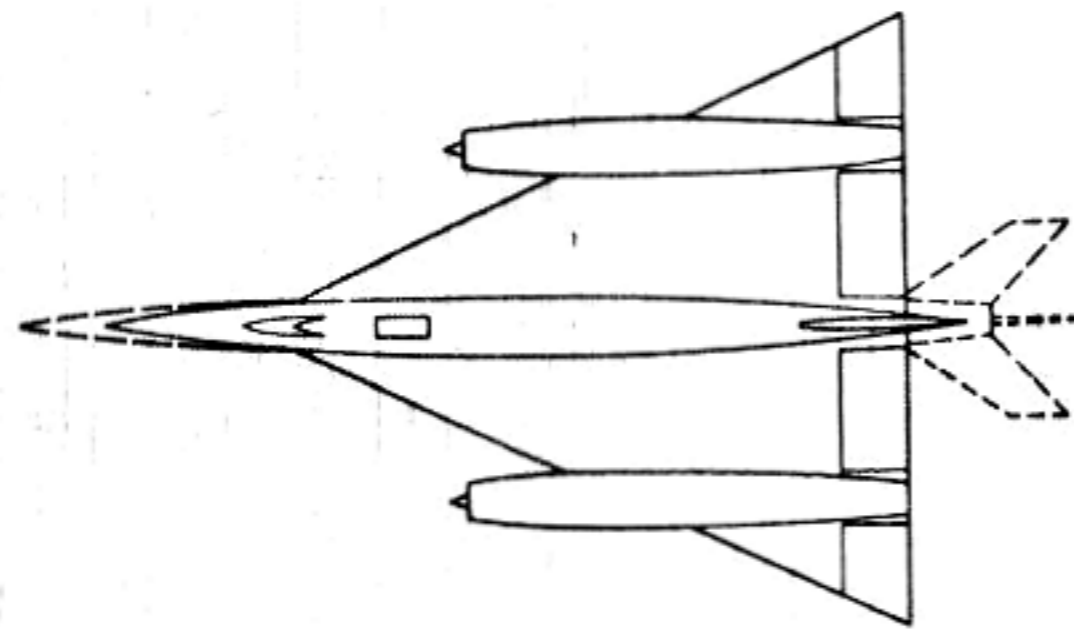
(VERSION 1)

~~SECRET~~

PRELIMINARY

Characteristics Summary

BOMBER . . . LAND BASED REFUEL . . . MX-1626



CONSOLIDATED-VULTEE

Wing area 1200 sq ft Length 81.1 ft
Span 47.3 ft Height 22.4 ft

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

STATUS	
1. Design initiated:	17 Feb 51

POWER PLANT	
(3) J53-GE-() General Electric	
A.L.S.	LB - RPM - MIN
Max: } Mil: }	Not available
Nqr:	17,560 - 6000 - Cont

FEATURES	
Crew:	2
Seat Ejection	
Bombing-Navigation Radar	
Rendezvous Radar	
AFC Equipment	
Defensive ECM	
Expendable Pod Containing Warhead and Guidance Equipment; Released as Guided Bomb	
Max Fuel Capacity: 9532 gal	

ARMAMENT	
NONE	

Classification cancelled or changed to Unclassified
 AUTH: AFSA - AF de Sec. Class. Under review
 By: C. R. Somelborn 7 Apr 64 2005 2:15 PM
 Signature and Grade 16 Dec 1966

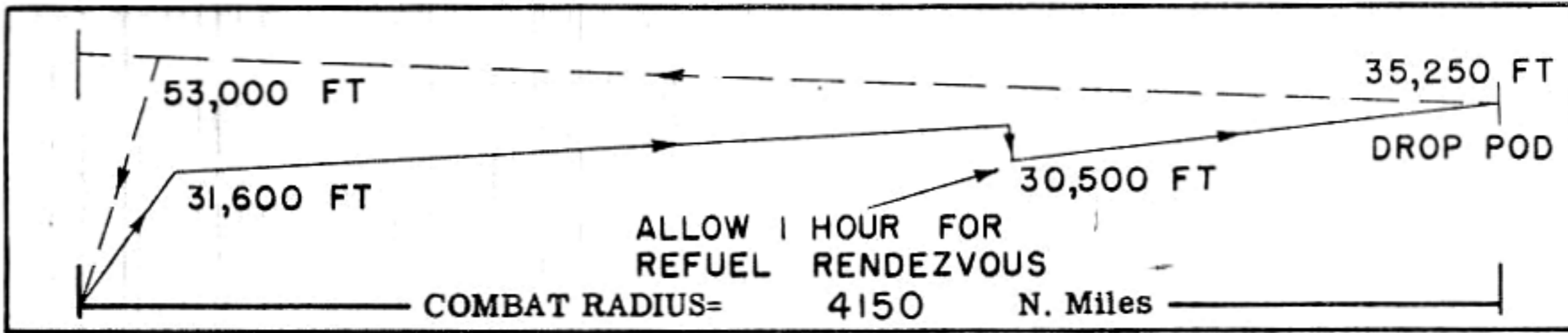
See XB-58
 or YR B-58
 for later versions

18 JULY 1951

~~SECRET~~

MX-1626
(LAND BASED-REFUELED)

Characteristics Summary Basic Mission. . . . MX-1626



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
4150 naut. mi with 6000 lb payload at 517 knots avg. in 17.11 hours.	6808 naut. mi with 6000 lb payload at 485 knots avg. in 14.13 hours.	948 knots at 35,250 ft alt, max power
		MAXIMUM SPEED
		977 knots at 40,150 ft alt, max power
CLIMB	CEILING	TAKE-OFF
6870 fpm sea level, take-off weight normal power	40,400 ft 100 fpm, take-off weight normal power	ground run 5083 ft — ft no assist assisted
9500 fpm sea level, combat weight maximum power	46,400 ft 500 fpm, combat weight maximum power	over 50 ft height 7878 ft — ft no assist assisted
LOAD	WEIGHTS	STALLING SPEED
Warhead: 6000 lb	Empty..... 38,529 lb	_____ knots flaps down, take-off weight
Fuel: 9532 gal	Combat... 85,000 lb	TIME TO CLIMB
protected 0 %	Take - off 107,250 lb	_____
droppable 35 % (pod)	limited by internal space	
external 0 %		

N O T E S

- PERFORMANCE BASIS:
 - Contractor's estimates (not substantiated by WADC)
 - Fuel density: 6.5 lb/gal (JP-3)
- REVISION BASIS: Initial issue
- Alternate non-expendable pods are being designed for use in carrying standard type bombs and ground support weapons.