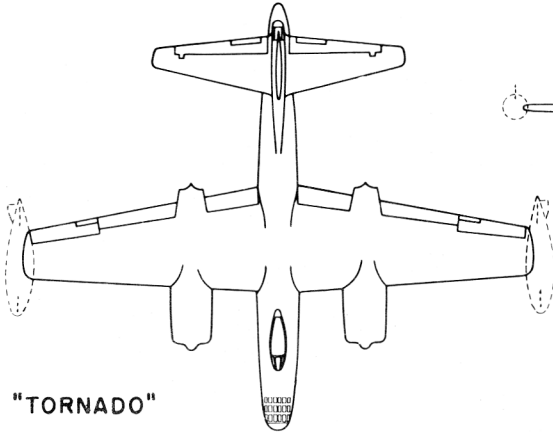


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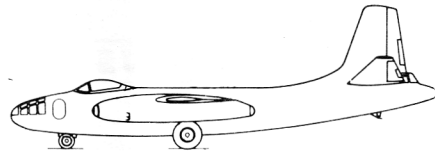
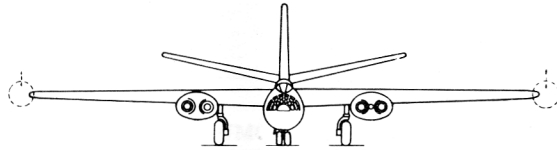
*A1
B-45C/char*

Characteristics Summary

BOMBER B-45C



"TORNADO"



NORTH AMERICAN

Wing area 1175 sq ft Length 75.3 ft
Span (w.o./tip tanks) 89.0 ft Height 25.2 ft

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

STATUS

- Design initiated: 22 Sep 47
 - First flight: 3 May 49
 - First acceptance: 24 May 49
 - Production completed: 13 Apr 50
 - Differs from the B-45A by the addition of wing-tip drop tanks and water/alcohol drop tanks.
- Navy Equivalent: None Mfr's Model: NA-153

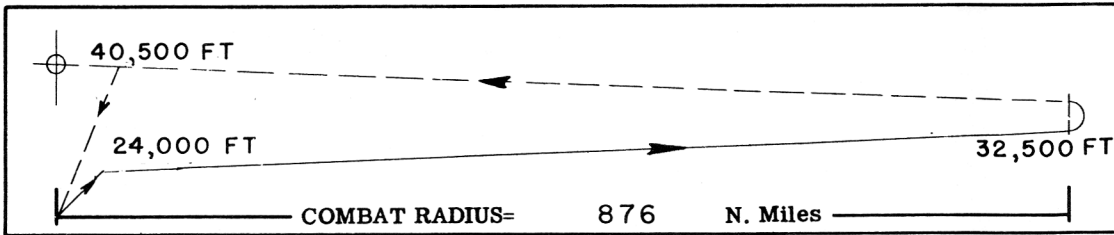
POWER PLANT	
(2)J47-GE-7 or -13 and (2)J47-GE-9 or -15 General Electric ENGINE RATINGS	
S.L.S. LB - RPM - MIN	
Max: (wet)*6000-7950 - 5	
(wet)**5820-7950 - 5	
Mil: *5200-7950 - 30	
**5000-7950 - 30	
Nor: *4320-7370 -Cont	
**4250-7370 -Cont	
* -13 and -15 engines	
** -7 and -9 engines	
ATO	
(2) Aerojet.... XLR13-AJ-1 Thrust (lb ea)..... 4000 Duration (sec)..... 60	

FEATURES	
Crew:	4
Ejection Seats for Pilot and Co-pilot	
Thermal Anti-icing	
Water/alcohol Injection	
Bombing-Navigation Radar	
A-1 Fire Control System	
Max Fuel Cap:	8133 gal

ARMAMENT	
Turrets:	1
Guns:	2 x .50 cal
Ammunition(tot.):	1200 rds
Max Bomb Load:	1 x 22,000 lb
Max Bomb Size:	22,000 lb

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Wright-Patterson Air Force Base
Ohio 45433

Characteristics Summary Basic Mission B-45C



P E R F O R M A N C E		
COMBAT RADIUS	FERRY RANGE	S P E E D
876 naut. mi with 10,000 lb payload at 405 knots avg. in 4.47 hours.	2108 naut. mi with 7954 gal fuel at 384 knots avg. in 5.31 hours at 107,390 lb T.O. wt.	COMBAT 442 knots at 32,500 ft alt, max power MAX 498 knots at zero ft alt, max power BASIC 436 knots at 35,000 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
2500 fpm sea level, take-off weight maximum power	31,500 ft 100 fpm, take-off weight maximum power	ground run 6900 ft no assist 4650 ft assisted
4550 fpm sea level, combat weight maximum power	37,550 ft 500 fpm, combat weight maximum power	over 50 ft height 8960 ft no assist 6650 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: 1200 rds/.50 cal Fuel: 6933 gal protected 50 % droppable 50 % external 34 %	Empty..... 48,969 lb Combat... 73,715 lb Take - off 110,050 lb limited by mission	133 knots power-off, landing config- uration, take-off weight T I M E T O C L I M B _____

N O T E S

1. Performance Basis:
(a) Flight test

2. Revision Basis: To conform to MIL-C-5011A