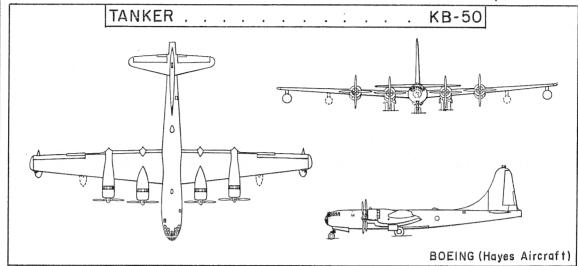
Characteristics Summary



Wing Area 1720 sq ft Length

Height

AVAILABILITY			P 1	ROC	The state of the s	CONTRACTOR AND ADDRESS.	-	***************************************	T
Nı	ımber availab	le	Numl	pe r to be	delive	ered i	n fisca	l ye	ears
ACTIVE	RESERVE	TOTAL							
		ŧ			1				1

STATUS

- 1. In the modification of B-50 aircraft to the KB-50 configuration all defensive armament is removed; the fuselage aft tail section is completely replaced; the outer wing panels are extensively reinforced for overall strength.

- 2. First Flight: Dec 55
 3. First Acceptance: Jan 56
 4. Production Completion: Aug 57(est) 134 aircraft

Navy Equivalent: None

Mfr's Model:

POWER PLANT

(4) R-4360-35

Pratt & Whitney

ENGINE RATINGS

BHP-RPM- ALT -MIN T.O. *3500-2700-Turbo-5 3250-2700-Turbo-5

Mil: *3500-2700-Turbo-30 3250-2700-Turbo-30

Nor: 2650-2550-Turbo-Cont

*Wet

FEATURES

Cabin pressurization and heating

(3) Type A-12B-1 flight refueling reels

Type MA-2 reception coupling

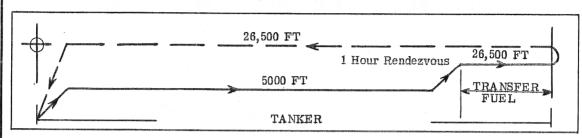
Simultaneous aerial refueling of three fighter type aircraft by probe and drogue method

Max fuel cap: . . . 13,821 gal

ARMAMENT

All defensive armament removed.

Characteristics Summary Basic Mission KB-50



PERFORMANCE										
COMBAT RADIUS	FERRY RANGE	S P E E D								
Vith 38,744 lb payload at 209 knots avg. in 10.8 hours.	5668 naut. mi with 13,013 gal fuel at 193 knots avg. in 29.7 nours at 173,000 lb T.O. wt.	COMBAT 344 (327) (b) 26,500 ft alt, max power MAX 30,600 ft alt, max power BASIC 287 knots at ft alt, max power								
CLIMB	CEILING	TAKE-OFF								
608 fpm sea level, take-off weight normal power	23,250 ft 100 fpm, take-off weight normal power	6350 ft ft assisted								
2210 fpm sea level, combat weight maximum power	34,000 ft 500 fpm, combat weight maximum power	over 50 ft height 7940 ft ft assisted								
L O A D	WEIGHTS	STALLING SPEED								
Transfer Fuel: 38,744 lb	Empty 85,401 lb Combat 107,511 lb									
Fuel: 6556 gal protected 100 % droppable 0 % external 0 %	Take - off 173,000 lb limited by strength	TIME TO CLIMB								

N

- Performance Basis:

 (a) Calculated data based on USAF flight tests of B-50D and KB-50 aircraft.
 (b) Values in paranthesis indicate performance with drogues in extended position.
- 2. Performance Reference: Hayes Report Nr 142 and 199, dated 6 June 1956 and 15 December 1956, respectively.
- 3. Revision Basis: To reflect correction in number of crew members.