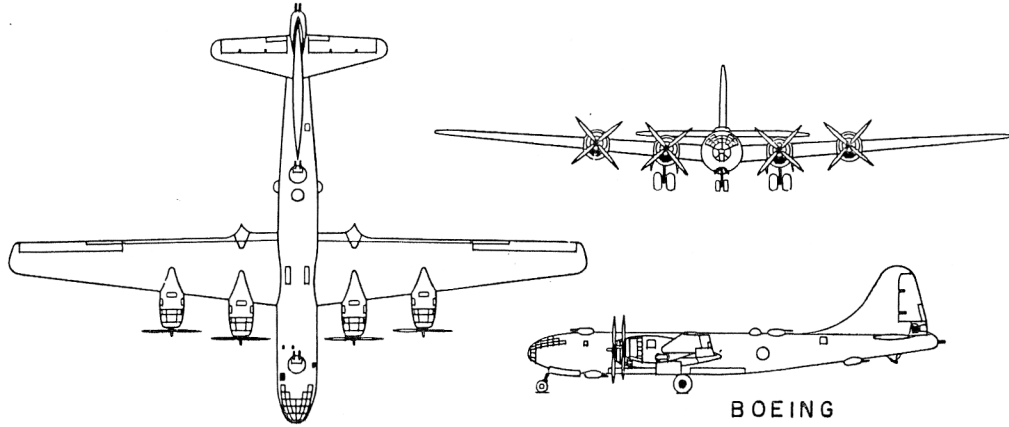


Characteristics Summary

RECONNAISSANCE RB-29A

*Revised to conform
to MIL-C-5011A
1 Oct 52*



Wing area 1720 sq ft Length 99.0 ft
Span 141.2 ft Height 27.8 ft

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

STATUS

1. B-29A modified for reconnaissance by installation of cameras in rear unpressurized compartment.
2. Originally designated F-13A.

POWER PLANT

*(4) R-3350-57 or -57A
Wright
ENGINE RATINGS
BHP-RPM-ALT-MIN
T.O: 2200-2800-S.L.-5
Mil: 2200-2600-Turbo-30
Nor: 2000-2400-Turbo-Cont.

*Modernized

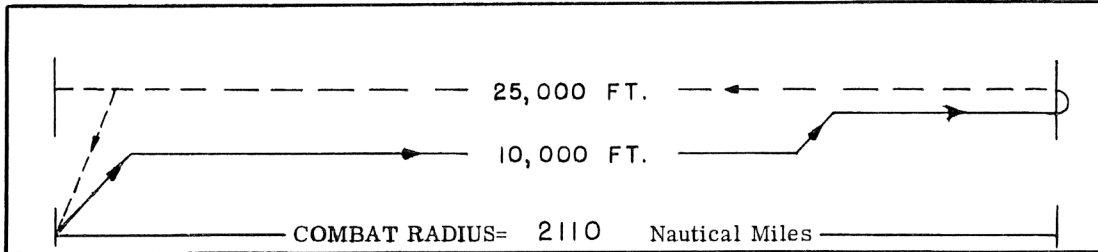
FEATURES

Crew: 13
Cabin Pressurization and Heating
Electronic Navigation Equipment
Night Photo Equipment
Max Fuel Cap: 9150 gal

ARMAMENT

Turrets: 5
Guns: 12x.50 cal
Ammunition (tot.): 6000 rds

Characteristics Summary Basic Mission RB-29A



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
<p>2110 naut. mi with 500 lb payload at 215 knots avg. in 19.90 hours.</p>	<p>4075 naut. mi with 500 lb payload at 195 knots avg. in 21.05 hours.</p>	<p>329 knots at 25,000 ft alt, max power</p>
		<p>MAXIMUM SPEED</p> <p>345 knots at 30,000 ft alt, max power</p>
CLIMB	CEILING	TAKE - OFF
<p>500 fpm sea level, take-off weight normal power</p>	<p>23,950 ft 100 fpm, take-off weight normal power</p>	<p>ground run</p> <p>5230 ft — ft no assist assisted</p>
<p>1485 fpm sea level, combat weight maximum power</p>	<p>35,000 ft 500 fpm, combat weight maximum power</p>	<p>over 50 ft height</p> <p>7825 ft — ft no assist assisted</p>
LOAD	WEIGHTS	STALLING SPEED
<p>Cameras: 500 lb Ammunition: 6000 rds/.50 cal</p> <p>Fuel: 8945 gal protected 100 % droppable 25 % external 0 %</p>	<p>Empty..... 72,421 lb Combat... 106,800 lb Take - off 140,000 lb limited by performance</p>	<p>103 knots flaps down, take-off weight</p>
		<p>TIME TO CLIMB</p> <p>_____</p>

N O T E S

1. PERFORMANCE BASIS:
 (a) Flight test
 (b) Fuel density: 6.0 lb/gal
 (c) In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft.
 (d) War Emergency power of 2500 BHP used for performance computations.

2. REVISION BASIS: To reflect corrected engine models and engine ratings.