

DECLASSIFIED

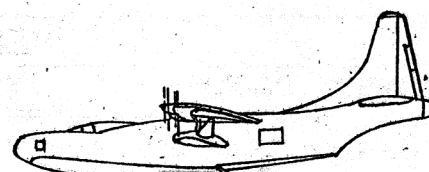
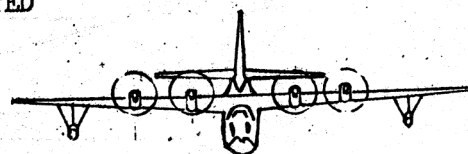
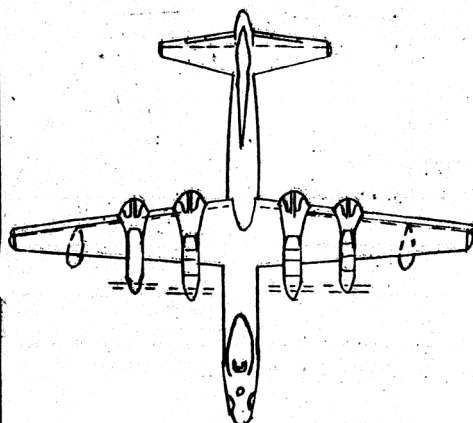
SERVICE

CHARACTERISTICS SUMMARY

SEAPLANE TRANSPORT

R3Y-1

CONSOLIDATED



WING AREA 2,100 Sq. Ft.
WING SPAN 145' - 10"

LENGTH 142' - 6"
HEIGHT 51' - 5"

AVAILABILITY			PROCUREMENT				
NUMBER AVAILABLE			NUMBER DELIVERED				
			IN FISCAL YEARS				
ACTIVE	RESERVE	TOTAL					

STATUS

First Flight February 1954
Service Use March 1956

ENGINES			
4 Allison	T40-A-10		
	<u>SHP</u>	<u>LBS</u>	<u>RPM</u>
T.O.	5302	1370	14300
MIL.	5302	1370	14300
NORM.	4544	1306	14350

FEATURES
Crew (on duty) - 5
(off duty) - 2
Pressurized Cabin
Maximum Capacities:
Passengers 80
Litter Patients 72
Attendants 8
Cargo - 48,000 lbs.
12,400 gallons fuel
Transport Version
of XP5Y-1

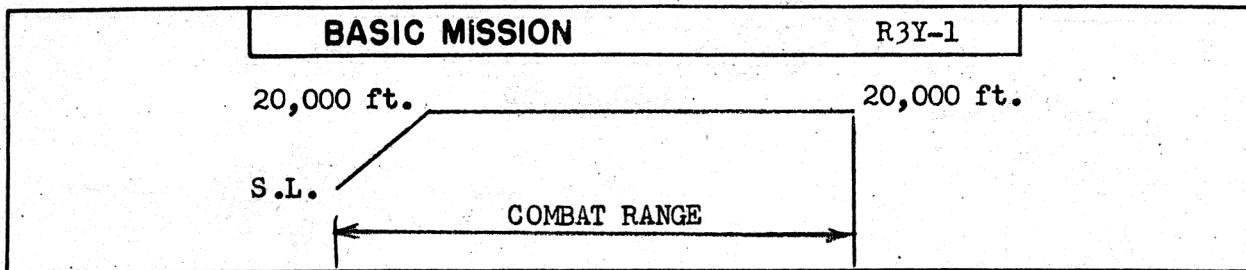
ARMAMENT
NONE

NAVAER 1519 A (REV. 1-49)

15 FEBRUARY 1957

R3Y-1

CHARACTERISTICS SUMMARY



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
-- naut. mi.	2,140 naut. mi.	277 knots at 10,000 ft.
-- knots avg.	243 knots avg.	280 knots at 25,000 ft.
	8.8 hours	268 knots at ft.
		T.O. Weight Maximum Power
CLIMB	CEILING	TAKE OFF
1,500 ft./min.	22,500 ft.	38 Secs - Calm
Sea Level, T. O. wt. Normal Power	100 ft./min., T. O. wt. Normal Power	No Assist
		27 Secs - 25 kt wind No Assist
LOAD	WEIGHTS	STALLING SPEED
Fuel 12,400 gal.	Empty 85,551 lbs.	102 knots Power Off
fixed 12,400 drop	Combat -- lbs.	Flaps down, T. O. wt.
*Payload - 14,500 lbs.	Take-off *175,000 lbs.	TIME TO CLIMB
*Maximum with Full fuel	*Max. T. O. Weight	-- ft. in -- min.
		Combat Wt., Max. Power

NOTES

Performance is based on the Pilots Handbook and Flight Test.
 Range is based on flight test fuel consumption data.
 Reason for Reissue: More recent flight test data available.
 Operation at 175,000 lbs Gross Weight shall take place in sheltered water.

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NAVAER-1519B (Rev. 10-51)