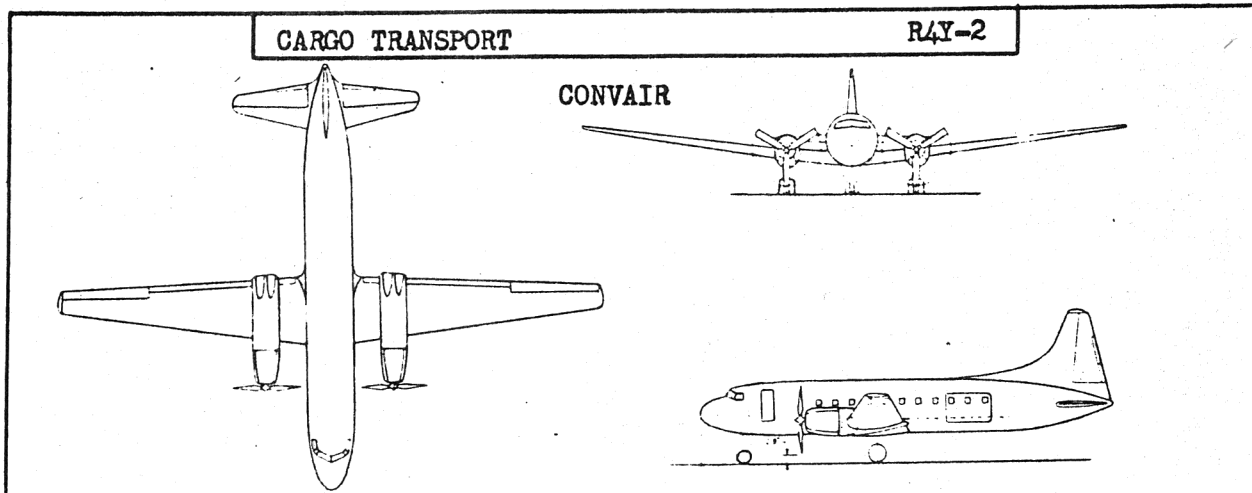


# CHARACTERISTICS SUMMARY



WING AREA 930 sq. ft.  
WING SPAN 105' - 4"

LENGTH 79' - 2"  
HEIGHT 28' - 2"

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

STATUS	
First Flight .....	December 1957
Service Use .....	December 1957

ENGINES			
(2) R-2800-52W(MOD)			
	<u>BHP</u>	<u>RPM</u>	<u>ALT</u>
T.O.	*2500	2800	2500'
	2200	2800	4500'
NORM.	1900	2600	7000'
	1700	2600	14500'
* wet			

FEATURES
Fowler Flaps
Cabin Pressurization
Thermal Anti-icing system

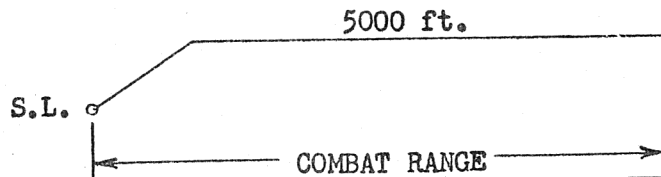
CARGO
44 Passengers or 21 litter patients plus 4 passengers
<u>Limit Floor Load</u>
Over all - 300 lbs./ sq. ft.

NAVAER 1519 A (REV. 1-49)

## CHARACTERISTICS SUMMARY

**BASIC MISSION**

R4Y-2



### PERFORMANCE

COMBAT RADIUS	COMBAT RANGE	SPEED
- - naut. mi.	2000 naut. mi.	237 knots at S.L.
- - knots avg.	166 knots avg.	258 knots at 11,000ft.
	- - hours	266 knots at 17,000ft.
		T.O. Weight Normal Power
CLIMB	CEILING	TAKE OFF
1230 ft./min. Sea Level, T. O. wt. Normal Power	24,600 ft. 100 ft./min., T. O. wt. Normal Power	2700 ft. - Calm T.O. wt., T.O. Power
760 ft./min. 15,000 ft., T.O. wt. Normal Power		3780 ft. - Calm over 50' obst. T.O. wt., T.O. Power
LOAD	WEIGHTS	STALLING SPEED
Fuel 1730 gal. fixed 1730 drop - - Max. Capacity 1730 gals.	Empty 31,400 lbs. Combat - - lbs. Take-off 49,100 lbs. with 1730 gal. fuel + 5380 lbs. Cargo	71 knots Power Off Flaps down, T. O. wt.
		TIME TO CLIMB
		10,000 ft. in 9 min. T.O. Wt., Norm. Power

### NOTES

**PERFORMANCE BASIS:** Estimated and preliminary flight test data of the R4Y-1.

Range and Radius are based on engine specification fuel consumption increased 5%.

**NOTE:** Differences over R4Y-1

- a. Less noise - exhaust mufflers.
- b. Externally - essentially same except for wing flap seal.
- c. Rear Service door - differential cowl flap actuation.

NAVAER-1519B (Rev. 10-51)