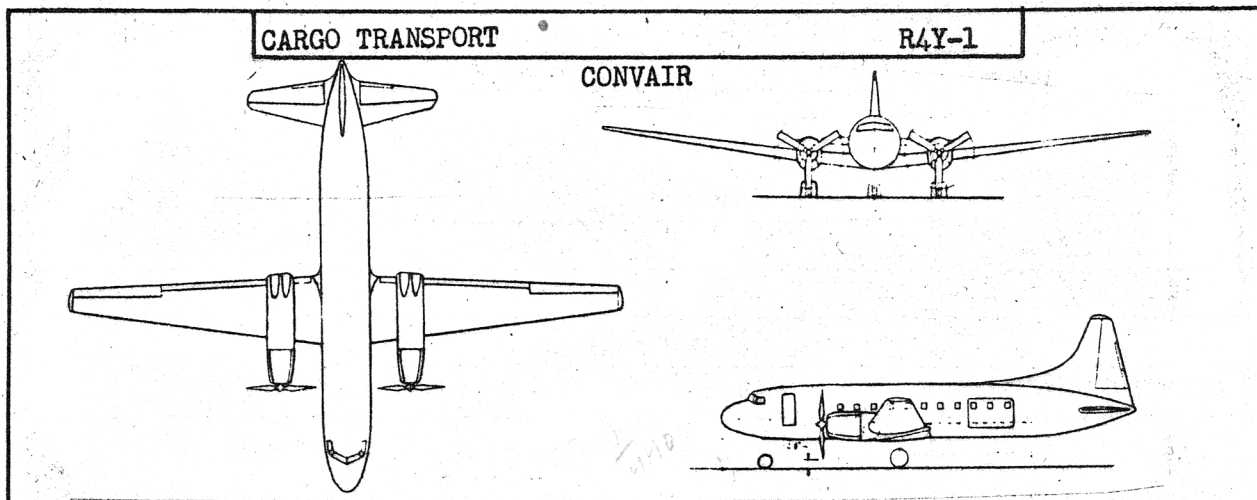


CHARACTERISTICS SUMMARY



CARGO TRANSPORT

R4Y-1

CONVAIR

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 - - - - - July 1955
Service Use - - - - - August 1955

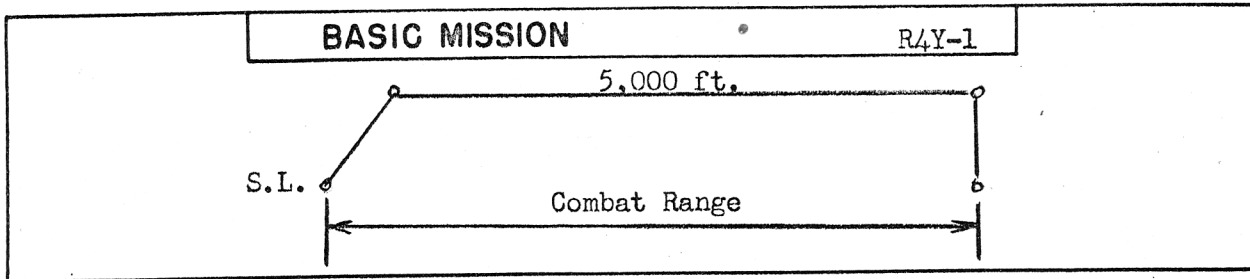
ENGINES	
2 R-2800-52W(MOD)	
T.O.	*2500/2800/ 2500 2200/2800/ 4500
NORM.	1900/2600/ 7000 1700/2600/14500
*Wet	

FEATURES
Fowler flaps Cabin pressurization Thermal anti-icing system

CARGO
<u>Personnel</u> 44 passengers or 21 litters plus 4 passengers <u>Limit Floor Load</u> Overall-300lb/sq.ft.

NAVAER 1519 A (REV. 1-49)

CHARACTERISTICS SUMMARY



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
- - naut. mi.	2,089 naut. mi.	237 knots at S.L. ft.
- - knots avg.	163 knots avg.	260 knots at 9-12,500 ft.
	hours	234 knots at 25,000 ft.
		Take-off Weight Normal Power
CLIMB	CEILING	TAKE OFF
1,330 ft./min.	25,500 ft.	2,450 ft. - calm
Sea Level, T. O. wt.	100 ft./min., T. O. wt.	Take-off wt., T.O.
Normal Power	Normal Power	Power
900 ft./min.		3,430 ft. - calm
15,000 ft., T.O. wt.		Take-off wt. & Power
Normal Power		over 50 ft. obstacle
LOAD	WEIGHTS	STALLING SPEED
Fuel 1,730 gal.	Empty 30,684 lbs.	75.5 knots
fixed 1,730 drop - -	Combat 38,669 lbs.	Flaps down, T. O. wt.
Max. capacity-1730 gals.	Take-off 47,000 lbs.	TIME TO CLIMB
		10,000 ft. in 8.7 min.
		Take-off Wt., Norm. Power

NOTES

PERFORMANCE BASIS: Estimated data and contractor's flight test data not substantiated by BUAER.

NAVAER-1519B (Rev. 10-51)