

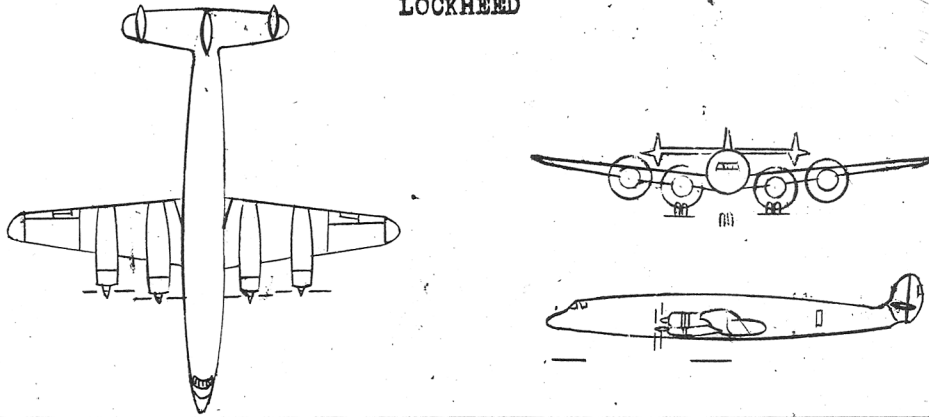
SECRET

# CHARACTERISTICS SUMMARY UNCLASSIFIED

TRANSPORT

R7V-2

LOCKHEED



WING AREA 1,615 sq. ft.

LENGTH 115' - 10"

WING SPAN 117' - 0"

HEIGHT 25' - 6"

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

## STATUS

First Flight.....December 1953  
 R7V-1 airplane modified to incorporate turbo-propeller  
 (YT 34-P-12A) engine.

ENGINES	
4 P & W	YT 34-P-12A
STATIC	
SEA LEVEL RATINGS	
EXHAUST	
SHP/THRUST/RPM	
T.O.	5,005/1,360/11,00
MIL.	4,850/1,275/10,750
NORM.	4,210/1,165/10,500

FEATURES
Crew - 5
Passengers - 106
Litter patients - 73

ARMAMENT
<u>NONE</u>
Cargo space 5,679 cu. ft.
Floor loading 300 lb./cu. ft.
Max. Payload 39,150 lbs.

NAVAER 1519 E (NEW 4-51)

## CHARACTERISTICS SUMMARY

<b>BASIC MISSION</b>	R7V-2
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PERFORMANCE		
<b>COMBAT RADIUS</b>	<b>COMBAT RANGE</b>	<b>SPEED</b>
-- naut. mi. -- knots avg.	1,920 naut. mi. 316 knots avg. 6.5 hours Alt. 25,000 ft.	355 knots at S.L. ft. 368 knots at 13,000 ft.  Combat Weight Normal Power
<b>CLIMB</b>	<b>CEILING</b>	<b>TAKE OFF</b>
2,080 ft./min.  Sea Level, T. O. wt. Normal Power	28,200 ft.  100 ft./min., T. O. wt. Normal Power	2,100 ft., -Calm No Assist  3,360 ft., -Calm Over 50 ft. No Assist
<b>LOAD</b>	<b>WEIGHTS</b>	<b>STALLING SPEED</b>
Fuel 6,550 gal.  fixed 6,550 drop --  Max. Capacity 8,750 gal.	Empty 71,125 lbs. Combat --- lbs. Take-off 149,575 lbs.	102 knots Flaps down, T. O. wt. <b>TIME TO CLIMB</b> 25,000 ft. in 22.3 min. T.O. Wt., Norm. Power

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NOTES
Performance basis: Calculations Range and radius are based on engine specification fuel consumption data increased by 5%.

NAVAER-1519B (Rev. 10-51)