

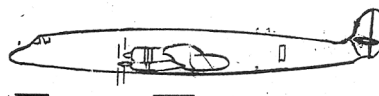
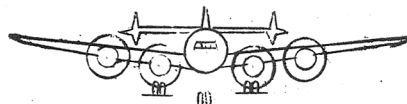
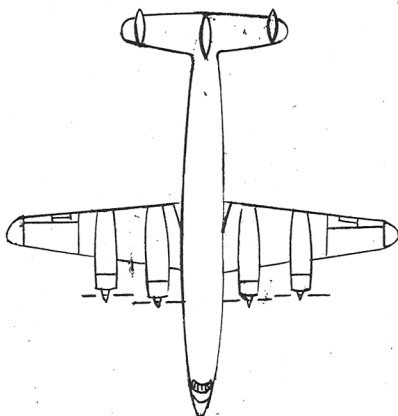
SECRET

CHARACTERISTICS SUMMARY UNCLASSIFIED

TRANSPORT

R7V-2

LOCKHEED



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WING AREA 1,615 sq. ft.

LENGTH 115' - 10"

WING SPAN 117' - 0"

HEIGHT 25' - 6"

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

NONE

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

BASIC MISSION	R7V-2
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PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
-- 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
CLIMB	CEILING	TAKE OFF
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
LOAD	WEIGHTS	STALLING SPEED
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. TIME TO CLIMB 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)