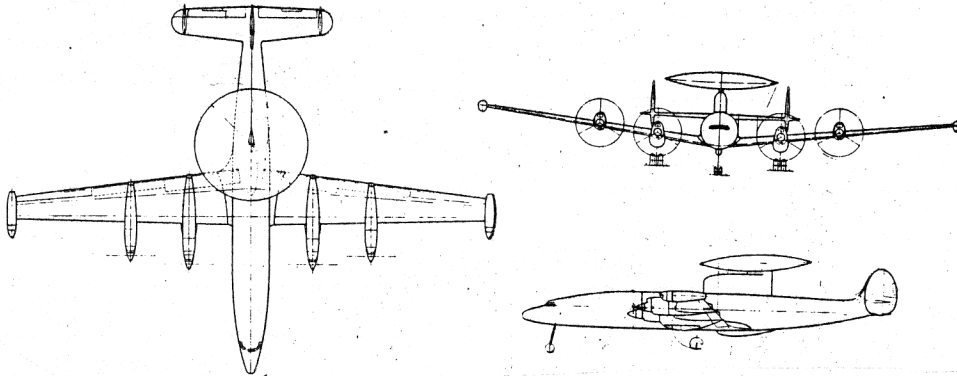


CHARACTERISTICS SUMMARY

AEW/CIC

W2V-1

LOCKHEED



WING AREA 1,850 Sq. Ft.
WING SPAN 150 Ft.

LENGTH 116' - 8"
HEIGHT 30' - 3"

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

STATUS

Est. First Flight.....July 1960
Est. Service Use.....September 1962

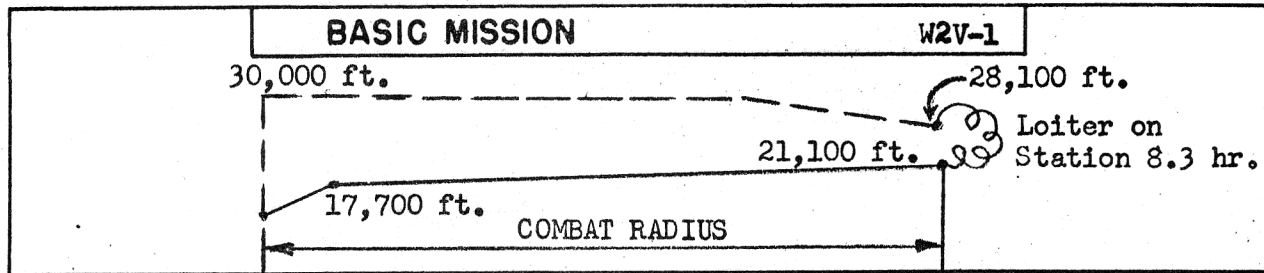
| ENGINES | | | |
|---------|-------------------------------|-------------|-----|
| (4) | Allison Turbo Prop T56-A-7 | | |
| | ENGINE | JET | |
| | ROTOR | THRUST | |
| | RPM | ESHP | LBS |
| T.O. | 13820 | 4050 | 740 |
| MIL. | 13820 | 4050 | 740 |
| NORM. | 13820 | 3600 | 709 |
| ----- | | | |
| (2) | Westinghouse Turbo Jet | (See NOTES) | |

| FEATURES |
|--|
| CREW - 25 |
| Cabin Press |
| Booster Controls |
| 35' Dia/ Rotodome above fuselage |
| Jet engines interchange- able, with 2-235 gal. tip tanks |

| ARMAMENT |
|----------|
| NONE |

NAVAER 1519 A (REV. 1-49)

CHARACTERISTICS SUMMARY



| PERFORMANCE | | |
|--|--|--|
| TIME ON STATION | COMBAT RANGE | SPEED |
| 1,000 naut. mi. * 250 knots avg. 7.9 hrs./15,000 ft. - 8.2 hrs./20,000 ft. - *8.3 hrs./25,000 ft. - Time on Station | 4,070 naut. mi. 260 knots avg. 15.4 hours with 2-235 gal. tanks | 291 knots at S.L. 298 knots at 10,000 ft. 290 knots at 20,000 ft. Combat Weight Normal Power |
| CLIMB | CEILING | TAKE OFF |
| 1,190 ft./min. Sea Level, T. O. wt. Normal Power | 20,000 ft. 100 ft./min., T. O. wt. Military Power | 6,150 ft. - Calm No Assist Military Power |
| 1,650 ft./min. Sea Level Combat wt. Normal Power | 20,000 Ft. 500 ft./min. Combat wt. Normal Power | |
| LOAD | WEIGHTS | STALLING SPEED |
| Fuel 10,670 gal. fixed 10,200 drop - - 2-235 gal. tip tanks JP-4 | Empty - - lbs. Combat 148,500 lbs. Take-off 175,000 lbs. | 113.7 knots Power Off Flaps down, T. O. wt. |
| | | TIME TO CLIMB |
| | | ft. in min. Combat Wt., Max. Power |

| NOTES | | | |
|--|--------|--------|--------|
| All Performance quoted is with tip tanks. | | | |
| PERFORMANCE BASIS: Contractors estimates unsubstantiated by BUAER. | | | |
| ----- | | | |
| 2 Westinghouse Turbojet J34-WE-46 | | | |
| | RPM. | THRUST | ALT. |
| T.O. | 12,500 | 3,400 | S.S.L. |
| MIL. | 12,500 | 3,400 | S.S.L. |
| NORM. | 11,930 | 3,000 | S.S.L. |

NAVAER-1519B (Rev. 10-51)