

IDEALIST — U-2 HIGH ALTITUDE PHOTO, ELINT AIRCRAFT

SYSTEM ELEMENTS

- LOCKHEED SINGLE PLACE AIRCRAFT
- PRAATT & WHITNEY J-75-P-13 ENGINE
- HYCON SPLIT VERTICAL FRAME CAMERA
- ITEK PAN STEREO CAMERA (alternate)
- TEXAS INSTRUMENTS IR CAMERA
- ELINT RECEIVERS
- BCM SYSTEMS

PAYLOAD DATA

- FRAME CAMERA ————— 36" FL, 1.5' RES
2280 x 47 NM STEREO (Mode 5 STD)
- PAN CAMERA ————— 24" FL, 1' RES
2700 x 17 NM STEREO COVERAGE
- IR CAMERA — 0.5 MILLIRADIAN RES, ±50 DEG SCAN
5000 NM COVERAGE
- ELINT ————— 50 - 12,000 MC

PERFORMANCE DATA (U-2-R)

- ALTITUDE ————— 68 - 77,000'
- MACH ————— 0.72
- RANGE ————— 4000 NM

