

## GROUND PRESSURE (footprint) (USAF C-7A DATA)

The ground pressure of the aircraft's wheels on the runway is given in figure 5-4. This data is based on the assumption that the aircraft's tires are inflated to the normal operating pressures.

### Ground Pressure Data

AIRCRAFT	CENTER OF GRAVITY	GROUND PRESSURE PSI*	
		MAIN WHEEL	NOSE WHEEL
OPERATING WEIGHT 21,000 LB	FWD (26% MAC) AFT (39% MAC)	39	46
		40	45
GROSS WEIGHT 26,000 LB	FWD (26% MAC) AFT (39% MAC)	42.5	48
		43	48
GROSS WEIGHT 28,500 LB	FWD (26% MAC) AFT (39% MAC)	43.5	48
		44	48

\*BASED ON TIRE PRESSURES OF 35 TO 40 PSI

figure 5-4