

TABLE 7-4 COBRA DANE (RAYTHEON) RADAR PARAMETERS

| PARAMETER | VALUE |
|----------------------------------|---------------------------------------|
| Antenna Size | 29 m |
| Antenna Type | Phased Array |
| Frequency | L-band |
| Peak Power | 15.4 mW |
| Average Power | 920 kW |
| Power Source | 96 TWT's |
| Maximum Range | 1850 km (1000 nm) |
| Tacking Ability | Simultaneous track of >100 targets |
| Tracking Accuracy (Estimated) | Range < 300 m Angle < 0.1° |