



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE SUSTAINMENT CENTER (AFMC)
TINKER AIR FORCE BASE OKLAHOMA



MEMORANDUM FOR RECORD

SUBJECT: Item Description, A23-009 KC-46 Spider Power Distribution Box

1. The 76th AMXG requests the purchase of twenty (20) Spider Power Distribution Boxes.
2. The requested item descriptions/specifications are outlined below.
 - a. Twenty (20) Spider Power Distribution Boxes
 - 1) All components shall be configured for indoor and outdoor use.
 - 2) Overall box dimensions shall not exceed a total of 24" L x 18" W x 18" H.
 - 3) Electrical input on box shall be a NEMA L21-30 3 phase 208V/30A style male receptacle.
 - 4) Electrical output on box shall include a minimum of 6ea. NEMA 5-20 120V/20A style female receptacles and a feedthrough NEMA L21-30 3phase 208V/30A female receptacle.
 - 5) Electrical box shall include a fully labeled breaker box corresponding to a single circuit breaker switch for each of the 6 120V output receptacles.
 - 6) Shall include a 50ft. long input power cable rated for 208V/30A.
 - 7) Input power cable shall be fitted with a male NEMA L21-30 208V/30A style plug on one end and a female NEMA L21-30 208V/30A style socket on the other end.
 - 8) Input power cable shall be equipped with cable support grips on both ends to provide strain relief around each fitting.
 - 9) All parts shall be assembled upon delivery.
 - 10) Delivery shall include user manual for the device.