

# cable grippers inc.

## AIRCRAFT CABLE INSTALLATION

**NOTE: FIXTURES MUST NEVER BE LIFTED FROM SIDES OR ENDS, LIFT FIXTURES ONLY BY CRADLING IN ARMS UNTIL THEY ARE SUPPORTED UNIFORMLY BY MOUNTING SYSTEM**

1. LAYOUT THE FIXTURES AS INDICATED ON PLANS.  
PREPARE MOUNTING LOCATIONS

2. **MOUNTING LOCATIONS WITH ELECTRICAL BOX**  
ATTACH 1/4-20 STUD TO STRAP AND MOUNT AT CEILING LEVEL. WIRE CORD, PASS THRU POWER FEED HOLE IN CANOPY.

**BE CERTAIN ELECTRICAL BOX IS SUPPORTED BY STRUCTURAL CEILING**

3. MOUNT ADJUSTABLE AIRCRAFT CABLE FITTING TO FIXTURE

4. FEED AIRCRAFT CABLE THRU MOUNTING FITTING (CANOPY SIDE)  
**SWAGE END IS ON CANOPY SIDE, THEN FEED NON-SWAGE END THRU TOP OF ADJUSTABLE AIRCRAFT CABLE FITTING (COMPRESS TOP OF FITTING TO FEED CABLE THRU)**

5. CONNECT MOUNTING FITTING TO STUD ON CANOPY SIDE

6. SCREW KNURLED FITTING OVER TOP OF VISIBLE THREADS ON MOUNTING FITTING, TIGHTEN TO LOCK CANOPY INTO PLACE.

7. LEVEL FIXTURE BY COMPRESSING KNURLED FITTING ON ADJUSTABLE FITTING (FIXTURE SIDE) AND FEEDING CABLE IN OR OUT TILL LEVEL. WHEN LEVEL TIGHTEN KNURLED NUT TO LOCK IN PLACE

8. REPEAT STEPS 2 THRU 7 AT OTHER MOUNTING LOCATIONS

STRAP WITH 1/4-20 STUD ATTACHED TO ELECTRICAL BOX

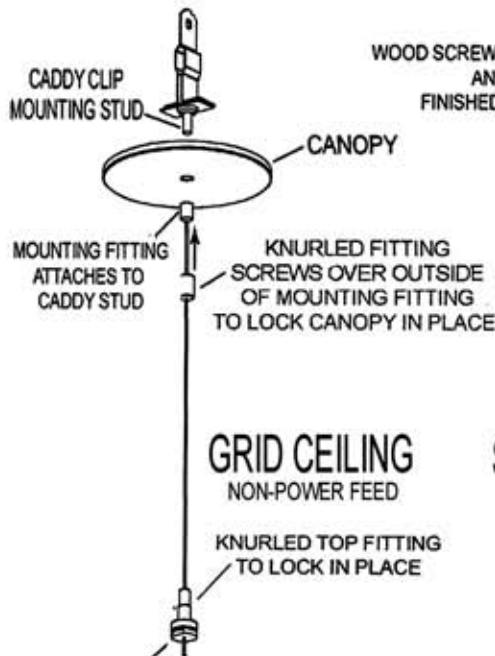
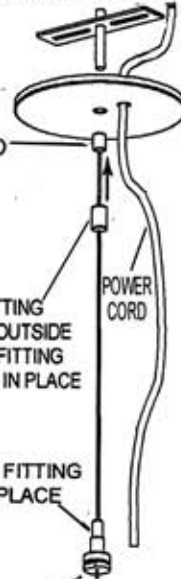
MAKE SURE ELECTRICAL BOX IS SUPPORTED BY STRUCTURAL CEILING

1/4-20 THREADED MOUNTING FITTING ATTACHES TO DOUBLE SIDED STUD

KNURLED FITTING SCREWS OVER OUTSIDE OF MOUNTING FITTING TO LOCK CANOPY IN PLACE

KNURLED TOP FITTING TO LOCK IN PLACE

ADJUSTABLE AIRCRAFT CABLE FITTING TO BE INSTALLED TO FIXTURE AND SECURED IN PLACE WITH KNURLED TOP FITTING OR LOCKNUT



ADJUSTABLE AIRCRAFT CABLE FITTING TO BE INSTALLED TO FIXTURE AND SECURED IN PLACE WITH KNURLED TOP FITTING OR LOCKNUT

DOUBLE SIDED STUD WOOD SCREW SIDE TO BE ATTACHED TO CEILING STUD AND SUPPORTED BY STRUCTURAL CEILING FINISHED SIDE TO MOUNT TO MOUNTING FITTING

1/4-20 THREADED MOUNTING FITTING ATTACHES TO DOUBLE SIDED STUD  
KNURLED FITTING SCREWS OVER OUTSIDE OF MOUNTING FITTING TO LOCK CANOPY IN PLACE

**GRID CEILING**  
NON-POWER FEED

KNURLED TOP FITTING TO LOCK IN PLACE

ADJUSTABLE AIRCRAFT CABLE FITTING TO BE INSTALLED TO FIXTURE AND SECURED IN PLACE WITH KNURLED TOP FITTING OR LOCKNUT

