

# hy-gain®

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**VB-217SAT**  
5-Foot Oscar-Boom  
for Satellite Antennas

# INSTRUCTION SHEET

## GENERAL DESCRIPTION

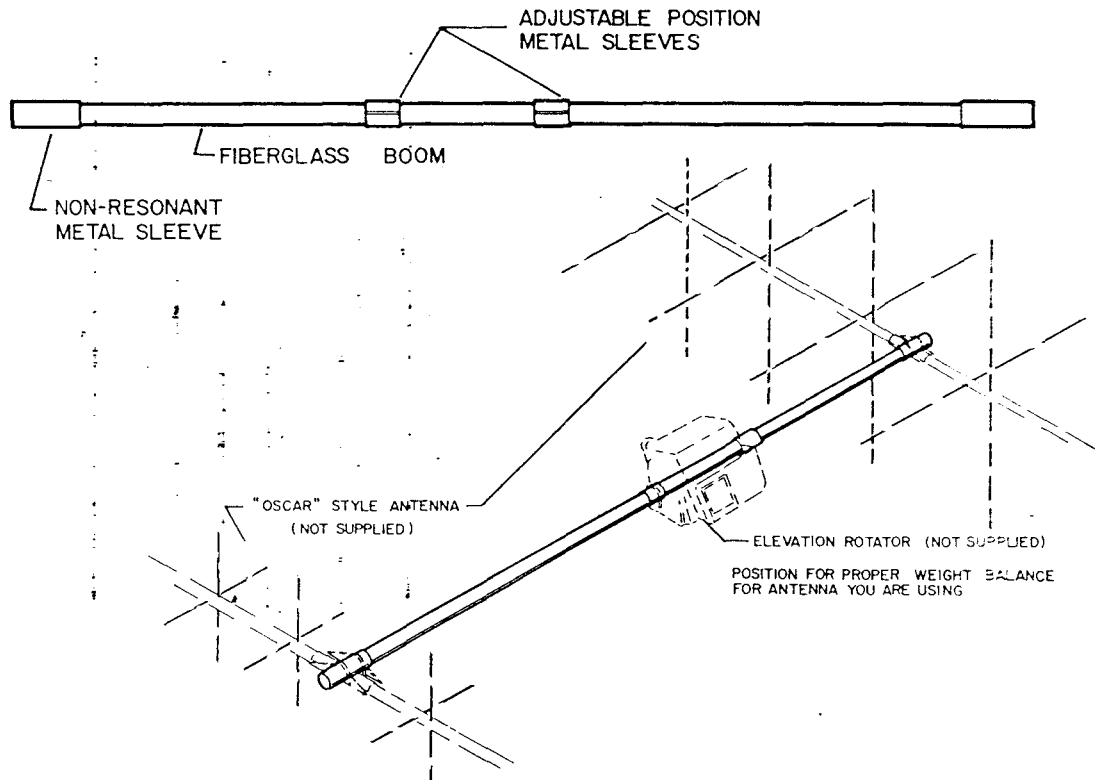
The Hy-Gain 217S is a high-strength fiberglass boom designed to support circular polarized antennas for "OSCAR" communications. The 217S OSCAR-Boom features non-resonant metal sleeves at each end that allow tightening of antenna boom-to-mast brackets without crushing the boom. The OSCAR-Boom also features adjustable position metal sleeves for the elevation rotator's clamps. This allows the OSCAR antenna system to be completely balanced on the elevation rotator, therefore increasing its

reliability. The OSCAR-Boom has a maximum O.D. of  $1\frac{3}{8}$  inches (35 mm), which allows it to work with both the Alliance U100/U110 rotators and the KENPRO KR-500/KR-5400 rotators.

## SPECIFICATIONS

### *Mechanical*

Boom Length .....	60 in. (152.4 cm)
Maximum Boom O.D. ....	$1\frac{3}{8}$ in. (35 mm)
<u>Antenna Mounting</u>	
Sleeve Length .....	4 in. (102 mm)



**Figure 1**  
**Example of Boom Application**