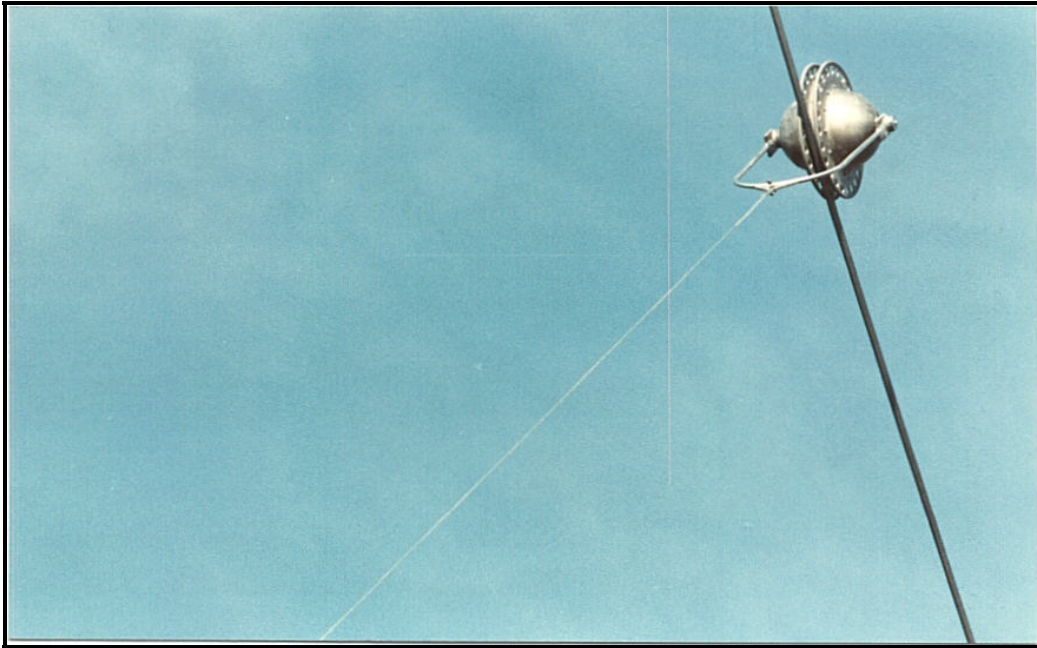


AR SANDAMPER Installation



Installation and Safety Notes:

- 1) The step off distances from both the outer and inner guy anchor are furnished by RCA / AR Products, LLC regarding placement of AR SANDAMPER anchor foundations.
- 2) The SANDAMPER unit is hoisted on top of the guy cable and allowed to rest against the guy anchor assembly. The unit should be temporarily lashed to the cable.
- 3) Apply PANEF grease to both the SANDAMPER hubs and the yoke cones prior to attaching and bolting the yoke assembly to the drum and around the guy cable.
- 4) A Dynamometer (Tension Scale) must be used in series with pulling the SANDAMPER tether cable; a maximum scale of 5,000 is suitable. No one, REPEAT NO ONE, should be allowed within 20 feet of the guy anchor when the SANDAMPER unit is pulled up along the guy cable.
- 5) The SANDAMPER yoke assembly must be attached to the tether using a ½" shackle, dead-end guy grip, and thimble. Start the SANDAMPER pull-up sequence along the guy cable starting first with the inner guy cables.
- 6) Use an Inclinometer to ensure elevation angle is within +/- one degree of the angle specified. Stop pulling on tether cable when the scale reading reaches 1,500 lbs. on the dynamometer, even if the recommended elevation angle for the SANDAMPER has not been reached. Monitor both instruments at all times during installation.
- 7) Once elevation is finally reached, attach the tether cable to the Safe-Link at the ground anchor using a ½" shackle, dead-end guy grip, and thimble.. A total of 6 feet of slack is then stored in a coil and is also attached to the ground anchor using a ½ " shackle, dead-end guy grip and thimble. If the Safe-Link load limit is ultimately reached, the SANDAMPER unit will drop down along the guy cable eliminating any slack.

AR SANDAMPER Installation



AR SANDAMPER unit lashed to guy cable



Safe-Link Assembly

AR SANDAMPER Installation

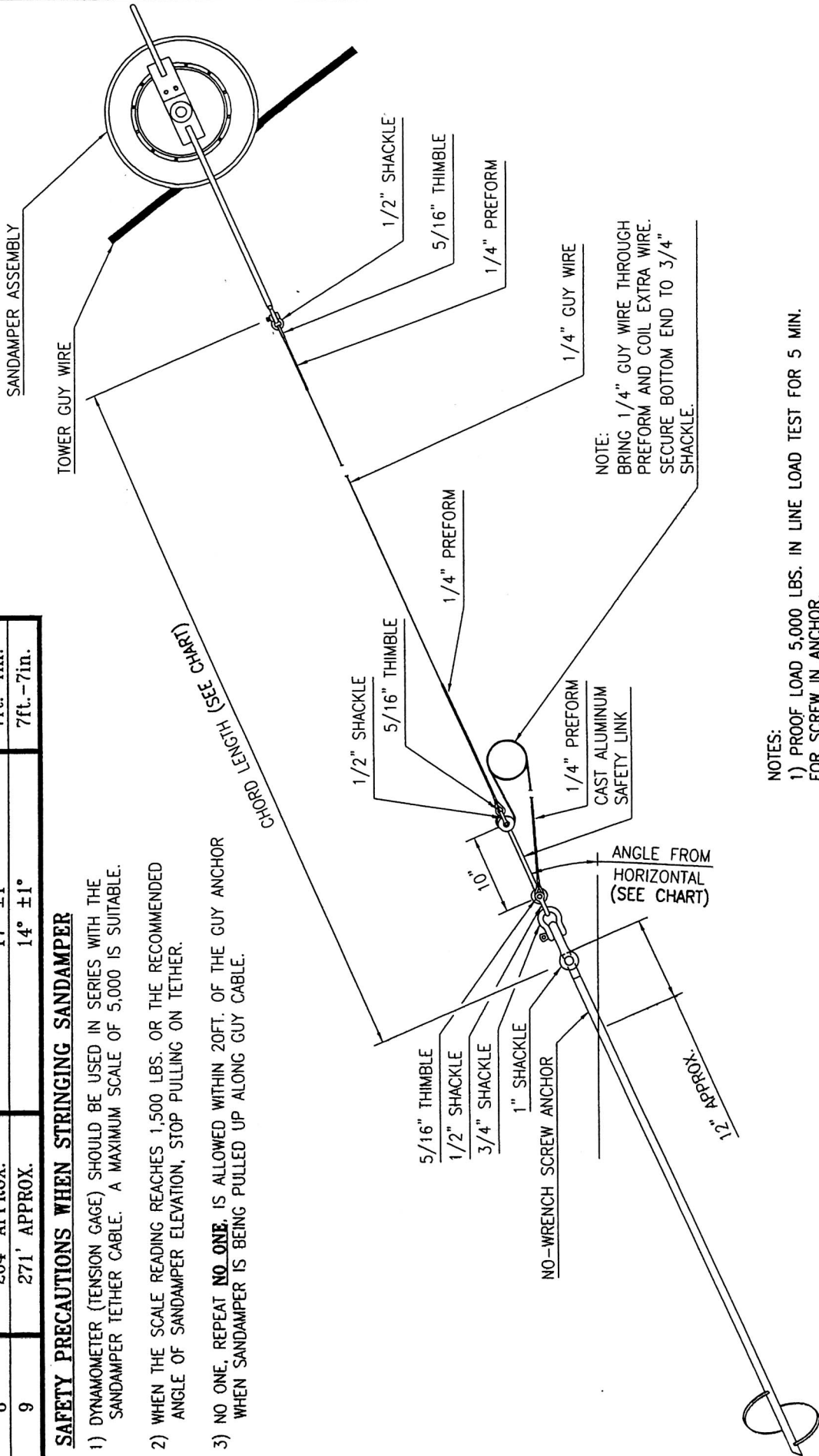


Inclinometer and Safe-Link Installation

GUY WIRE #	CHORD LENGTH (ft)	ANGLE FROM HORIZONTAL (deg.)	SLACK (ft)
6	243' APPROX.	24° ±1°	6ft.-9in.
7	253' APPROX.	20° ±1°	7ft.-1in.
8	264' APPROX.	17° ±1°	7ft.-4in.
9	271' APPROX.	14° ±1°	7ft.-7in.

SAFETY PRECAUTIONS WHEN STRINGING SANDAMPER

- 1) DYNAMOMETER (TENSION GAGE) SHOULD BE USED IN SERIES WITH THE SANDAMPER TETHER CABLE. A MAXIMUM SCALE OF 5,000 IS SUITABLE.
- 2) WHEN THE SCALE READING REACHES 1,500 LBS. OR THE RECOMMENDED ANGLE OF SANDAMPER ELEVATION, STOP PULLING ON TETHER.
- 3) NO ONE, REPEAT **NO ONE**, IS ALLOWED WITHIN 20FT. OF THE GUY ANCHOR WHEN SANDAMPER IS BEING PULLED UP ALONG GUY CABLE.



- NOTES:
 1) PROOF LOAD 5,000 LBS. IN LINE LOAD TEST FOR 5 MIN. FOR SCREW IN ANCHOR.

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ERI

6						NAME	SANDAMPER ASSEMBLY
5						FOR	
4						PATH	
3						DRAWING NAME	SAND-A
2						SCALE	N/S
1						DATE	DRAWING NO.
NO						ENG. APP'D	SAND-A

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