

# Skycasters, L.L.C.

Installer - SNS ACP Checklist

Pre-Commisioned Date:

By:

Customer ID #:

IF DURING THE INSTALL YOU HAVE ANY QUESTIONS, PLEASE CALL YOUR INSTALL COORDINATOR:  
AFTER 6:00 PM EASTERN STD TIME, PLEASE CALL:

Company:

Service Address:

Contact:

City:

Phone:

State:

E-mail:

Zip:

Site ID:

ODU #:

IRU #:

Installers Name: \_\_\_\_\_ Hughes Certification #: \_\_\_\_\_

1. Install Coordinator verified site survey. Initial: \_\_\_\_\_

2. Installer verifies physical site survey. Initial: \_\_\_\_\_

3. **Longitude:** \_\_\_\_\_ **Frequency:** \_\_\_\_\_ **Elevation:** \_\_\_\_\_  
**Hemisphere:** \_\_\_\_\_ **Symbol Rate:** \_\_\_\_\_ **Azimuth:** \_\_\_\_\_  
**Polarization:** \_\_\_\_\_ **Offset:** \_\_\_\_\_ **Polarization:** \_\_\_\_\_ Initial: \_\_\_\_\_

4. Verify that the customer has permission from the landlord or the owner: Initial: \_\_\_\_\_

5. Go to the site where the antenna will be placed and verify that there is 'Line of Site' to the satellite. Initial: \_\_\_\_\_

6. Make sure that the customer is aware of the locations for the antenna, cables and termination. Initial: \_\_\_\_\_

7. Check for proper ground and access. Initial: \_\_\_\_\_

8. Antenna/Dish mount is:  
 Pole Mount     Side of Building     Flat Roof     Slant Roof  
 Other : \_\_\_\_\_ Initial: \_\_\_\_\_

**DO NOT CONNECT YOUR TRANSMIT CABLE UNTIL THE RECEIVE SIGNAL HAS BEEN OPTIMIZED**

9. Run RG-6 Quad Shield cable (transmit and receive) and mark cables. Initial: \_\_\_\_\_

10. Terminate with waterproof connectors using a compression tool and proper face plate. Initial: \_\_\_\_\_

11. Set elevation and polarity on adjustable dish mount using information acquired in Step #3. Initial: \_\_\_\_\_

12. Mount antenna/dish to adjustable dish mount. 10 lb of torque is suggested. Initial: \_\_\_\_\_

13. Thoroughly check the transmit unit for any metal shavings at this time.  
(If you have any questions regarding this procedure, call Skycasters at 1-800-268-8594).  
**This is VERY IMPORTANT!** This can drop signal strength dramatically. Initial: \_\_\_\_\_

14. Attach radio cover, tube support arm and Transmit/Receive unit making sure to properly use the "O" Ring. Initial: \_\_\_\_\_

15. Connect feed support arm to antenna/dish. If mounting this on a roof it may be good to do this on the roof. Initial: \_\_\_\_\_

16. Place entire unit on the Secured and Plum mass pole. Initial: \_\_\_\_\_

17. Properly ground the Outdoor Transmitter Unit and ground both cables using a grounding block. Initial: \_\_\_\_\_

18. Point antenna/dish to the correct Azimuth. Snug up bolts. Initial: \_\_\_\_\_

19. Using your laptop and short cables, attach a cable to the receiver at the end of the antenna arm and to the Indoor receiving Unit and then attach the USB cable to your laptop. Initial: \_\_\_\_\_

20. Obtain optimal signal strength. Initial: \_\_\_\_\_
21. Note signal strength.  Initial: \_\_\_\_\_
22. Perform ACP (Automatic Cross Polarization). Initial: \_\_\_\_\_
23. Note Passing Isolation:  Initial: \_\_\_\_\_
24. If you are unable to perform ACP, call your Install Coordinator.
25. Disconnect short cables and connect RG-6 Quadshield cables from the antenna to IRU and ITU at the Satellite Network Server and surf the internet to assure everything is working properly. Initial: \_\_\_\_\_
26. Call your Skycasters Install Coordinator at this time: 800-268-8594 Initial: \_\_\_\_\_

### REQUIRED PHOTOGRAPHS

- a. The entire mount and dish. Must be able to see the ballast for non-penetrating roof mounts.
- b. If trenching is involved, picture of the conduit and cable routing at the pole and building before trench is filled.
- c. Cable service loop on dish.
- d. Ground wire connection on outdoor transmitter.
- e. Grounding blocks with drip loops.
- f. Ground wire termination.
- g. External building penetration of the cables.
- h. Internal wall penetration and faceplate.
- i. Cable run accross roof or down the building.
- j. Overall view of building with company sign visible if possible. Initial: \_\_\_\_\_

**NO PAYMENT WILL BE MADE WITHOUT THESE PHOTOGRAPHS**

**DO NOT USE ELECTRICAL TAPE TO SECURE THE CABLES TO MAST OR POLE.  
PLEASE USE PLASTIC WIRE TIES.**

27. Fax, e-mail or mail the checklist, photographs and invoice within 10 days of completion of the install.

The installation company will be compensated the first FRIDAY after all items have been received.

Recap with customer and ensure that customer has thier Info package:

Installers Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Dish location meets with customer approval:

Installation performed to customers satisfaction:

Customer Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Customer Comments

Skycasters  
1520 South Arlington Street  
Akron, OH 44306  
IC E-mail:

Phone: 800-268-8594  
Fax: 928-833-0875