



# C12

## **ESPN HD Certification**

### **RF Equipment:**

- Comtek 5.5 Meter Offsat Antenna
- 3-Port Feed
- 2 MCL 750w C Band HPA's
- 2 LNR UC6M-D5 Upconverters
- 2 LNR LVM -70 Modulators
- 1 Standard MT650 Analog Receivers
- Tektronix 1705A Spectrum Monitor

### **Production Equipment:**

- 4 Miranda HDA-1832 Re-clocking DA's
- 4 Miranda VEA-1002 EQ DAs
- 6 Miranda DDA-1112 AES DAs
- 3 Miranda ADA-1023 Stereo DAs
- 2 17" Marshall HD/SD LCD Display
- Videotek VTM-4100E Test Instrument
- Wohler AMP1-S8-MDA Audio Monitor
- Wohler AMP2-E8-MDA Audio Monitor
- 1 Pixelmetrix DVStation pod

### **Digital Encoder/Decoders:**

- HDTV Encoders
- HDTV Decoders
- SDTV Encoders
- SDTV Decoders

### **Generator:**

- 20 kw Generator
- 80 Hour Fuel Capacity

### **Power Requirements:**

- 208-240 Volt, 100 Amp, Single Phase
- 200 Feet Shore Power Cable
- Cam-lock ends & pigtails

### **Physical:**

- 2009 Peterbilt Chassis
- Weight: 25,950lbs.
- Length: 33'9"
- Width: 8'
- Height: 12'0" (Antenna Stowed)

### **Operational Features:**

- Fully Redundant RF Electronics
- Auto "Hot Standby" Switchover

### **Digital Capable:**

- Phase Stable Modulators
- Upconvertors Tunable to 125 kHz
- Phase Stable LNB's

### **Encryption Capabilities:**

- Tiernan PGCA Conditional Access
- Tandberg RAS Conditional Access
- BISS 1 & BISS E

### **Communication Equipment:**

- 1 RTS MCE325 2-Channel PL Stations
- 2 RTS BP325 Intercom Beltpacks
- 2 Beyer Dynamic Intercom Headsets
- 2 RTS IFB325 Beltpacks
- 2 Gentner Hybrid Telco Coupler
- 1 Gentner Microtel IFB Interface
- 1 Telos Link Intercom Interface
- 1 Telular Cellular Terminal
- 1 3G Aircard WiFi Router
- DSS Receiver

### **Licensing:**

- FCC License •Intelsat •New Skies

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