

## INTMKIV-SS

### ERITECH® INTERCEPTOR AIR TERMINAL

#### Recommended General Order of Installation

1. Full installation of the grounding system
2. Full installation of the downconductor
3. Termination of the downconductor to the grounding system
4. Connection of the ERITECH® INTERCEPTOR terminal to the downconductor
5. Termination of the bonding cable from the upper termination to the structure (if required)
6. Raise mast into position and secure

**Note:** This instruction sheet is designed to show the method of mounting the ERITECH INTERCEPTOR air terminal to the mast and connecting the downconductor. For more detailed information and information concerning grounding systems and the termination of downconductors to grounding systems please refer to the ERITECH® SYSTEM 3000 Installation Operating and Maintenance Manual, available from your nearest ERICO supplier, or at [www.erico.com](http://www.erico.com)

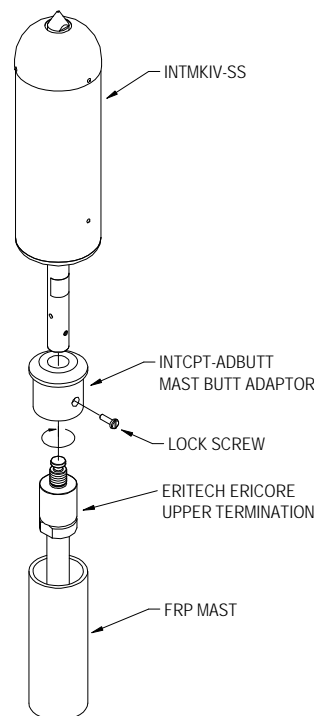
#### 1. FOR FRP MAST WITH ERITECH® ERICORE DOWNCONDUCTOR

You will need to have the following ERICO items:

- INTMKIV-SS Air Terminal
- INTCPT-ADBUTT – Connects terminal to mast

#### **METHOD:**

- a) Slide the Mast Butt Adaptor (INTCPT-ADBUTT) over the bottom of the ERITECH INTERCEPTOR finial.
- b) Feed the downconductor through the FRP mast.
- c) Screw the ERITECH INTERCEPTOR onto the upper termination of the ERITECH ERICORE downconductor and secure in place using the lock screw provided with INTCPT-ADBUTT. (It is recommended that some thread locking adhesive be applied to the screw before insertion).
- d) Insert the mast butt adaptor into the top of the mast and raise into position.



#### WARNING

1. ERICO products shall be installed and used only as indicated in ERICO product instruction sheets and training materials. Instruction sheets are available at [www.erico.com](http://www.erico.com) and from your ERICO customer service representative.
2. ERICO products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
3. All instructions must be completely followed to ensure proper and safe installation and performance.
4. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

The customer is responsible for:

- a. Conformance to all governing codes.
- b. The integrity of structures to which the products are attached, including their capability of safely accepting the loads imposed, as evaluated by a qualified engineer.
- c. Using appropriate industry standard hardware as noted above.

**SAFETY INSTRUCTIONS:** All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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TECHNICAL SUPPORT:

[www.erico.com](http://www.erico.com)

HBCR1621\_4 1 of 2 ©2009 ERICO International Corporation

**INTMKIV-SS**

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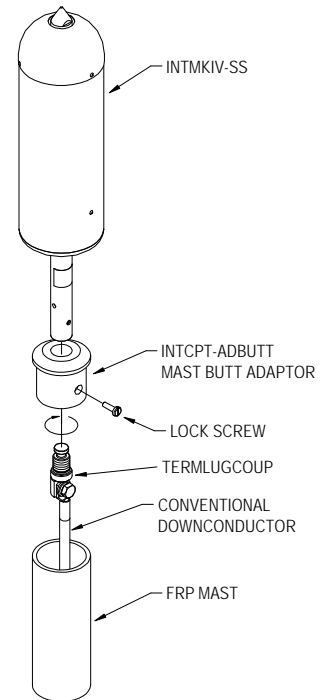
**2. FOR FRP MAST WITH STANDARD TYPE DOWNCONDUCTOR**

You will need to have the following ERICO® items:

- INTMKIV-SS Air Terminal
- INTCPT-ADBUTT – Connects terminal to mast
- TERMLUGCOUP – Connects downconductor lug to terminal

**METHOD:**

- a) Slide the Mast Butt Adaptor (INTCPT-ADBUTT) over the bottom of the ERITECH® INTERCEPTOR finial.
- b) Screw the ERITECH INTERCEPTOR onto the TERMLUGCOUP.
- c) Secure in place with the lock screw provided with INTCPT-ADBUTT. (It is recommended that some thread locking adhesive be applied to the screw before insertion).
- d) Feed the downconductor through the FRP mast.
- e) Terminate the downconductor onto TERMLUGCOUP using the M10 bolt provided.
- f) Insert the mast butt adaptor into the top of the mast and raise into position.



**3. FOR MAST WITH 3/4" UNC FEMALE THREAD**

You will need to have the following ERICO items:

- INTMKIV-SS Air Terminal
- INTCPT-ADM3/4UNC

**4. FOR MAST WITH 2" NPS MALE THREAD**

You will need to have the following ERICO items:

- INTMKIV-SS Air Terminal
- INTCPT-ADF2NPS

**5. FOR MAST WITH 2" BSP MALE THREAD**

You will need to have the following ERICO items:

- INTMKIV-SS Air Terminal
- INTCPT-ADF2BSPF

**METHOD FOR 3, 4, AND 5:**

- a) Screw the threaded adaptor into the bottom end of the ERITECH INTERCEPTOR finial.
- b) Secure using the M6 grub screw provided with the adapter. (It is recommended that some thread locking adhesive be applied to the screw before insertion).
- c) Screw the ERITECH INTERCEPTOR and adaptor assembly onto the top of the mast. Secure lock nut where provided (INTCPT-ADM3/4UNC).

