

# Will-Burt Product Service Bulletin

## Expedition Mast Product Line

Base Plate Fractures and Breaks

Bulletin # 0105

May 29, 2012

Product Market Segment	Product Line	Models Affected
Military and Commercial	Expedition Masts	Ship dates from 12/12/08 to 9/1/11

### Description of the Problem:

Some Expedition masts shipped between 12/12/08 and 9/1/11 have base plates made of a more rigid material, which is less tolerant of improper stake installation, which can result in cracking, chipping or fracturing of the base plate. This could affect the stability of the tripod. All base plates within these dates and with the “X” hole pattern, shown in Figure 1, have this potential problem. Figure 2 shows the new style base plate, which does not have the potential problem.

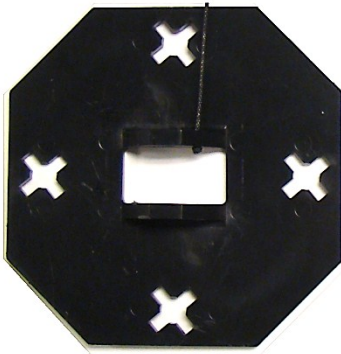


Figure 1: “X” Pattern



Figure 2: New Style “O” Pattern

### Possible Causes:

Improperly positioning the stake eyelet, or over-driving the stake, may cause a base plate to fracture. Figure 3 shows the proper positioning of the stake eyelet.

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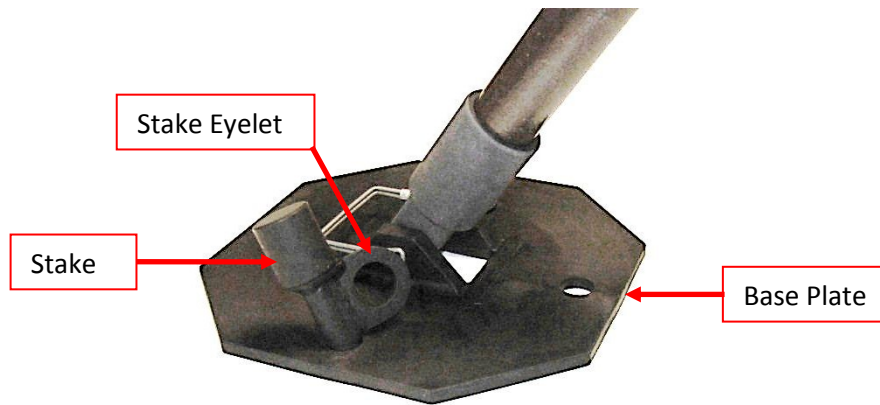


Figure 3: New Style Base Plate with Proper Stake Orientation

## **Corrective Actions:**

For proper stake installation:

- Ensure proper orientation of the stake eyelet (towards the tripod leg).
- Do not drive the stake eyelet through the base plate. The stake eyelet should be flush or just above the base plate.
- Replace base plate(s) if damaged.

## **Hardware and Tools Required:**

Call the Will-Burt Mast Service Department at 330-684-5244 for replacement base plates (P/N: 4111201), shown in Figure 2.



**Tip Over Hazard!** Mast tip over could result in death or serious injury. Do not attempt to change base plates while mast is deployed. Follow the mast instruction manual for stowing the mast and removing the payload.