



# Operating Instructions

for

## RK500 Tray Cam Installation Tool Kit

Document P/N RKD500-2  
Revision A, August 16, 2008

### List of Revisions

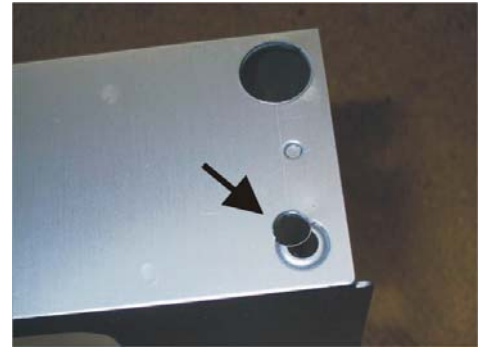
Revision	Date	Description	Pages
NC	10/08/03	Original Disposition	All
A	2008-08-16	PMA address change, text readability updates	All

**IMPORTANT:** Before modifying trays, verify at least .060" total side-to-side internal clearance between the tray and the avionic unit to allow for the thickness of the Tray Cams.

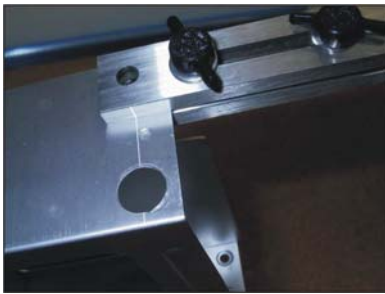
**IMPORTANT:**  $T_c$  (tray mounting hole centerline) must NOT be less than 0.350" from the tray edge.  
This assures proper edge distance for the Tray Cam 1/2" holes.  
Ref. [RKD5000-23 Installation/Parts Manual](#) for dimensions.



The RT500 kit makes it easy to drill the often necessary partial holes resulting from the Tray Cam pilot hole overlapping the original mounting hole.



*Note: Later versions of the RT500 have a hex-cap screw which replaces the forward thumb screw. This allows for greater tool clamping force, assuring that the guide stays on centerline while drilling.*



Step 2.1 : Mark the  $T_c$  dimension on each side of the avionics tray. A precise way to do this is to set a dial caliper to the  $T_c$  dimension, lock it in place, and use the tray's edge as a guide to lightly scribe a line on the tray surface.



Step 2.2 : Slide the RT500 into place on the tray and line up the index mark on the side of the tool with the  $T_c$  centerline. Verifying that the lower portion of the tool is seated firmly against the edge of the tray with the "foot" slid over the tray's edge, lock the tool in place with the included allen wrench. Drill the pilot hole with the included drill bit.

*Note: Preserve your tool dimension setup for the next hole by loosening only the screw closest to the tray when moving the tool to the next hole.*

Step 2.3 : Use the 1/2" draw punch to enlarge the pilot hole. De-burr the hole.

Please visit [www.radiorax.com](http://www.radiorax.com) for more information, including all kit documentation.

