



**INSTALLATION NOTES**  
**IPAD MINI MOUNT FOR BONANZA & BARON**  
**MODEL 241 060**

THANK YOU FOR BUYING THIS MOUNT FROM US. WE TRY TO TAKE GREAT CARE WITH, AND ARE PROUD OF, THE FIT, FINISH, AND BUILD QUALITY OF OUR PRODUCTS. IF YOU FIND THAT THE THE QUALITY OF ANYTHING YOU SEE IN THIS KIT IS NOT SATISFACTORY, WE WOULD LIKE TO KNOW ABOUT IT.

THESE NOTES ARE INTENDED TO ACCOMPANY THE EXPLODED PARTS DIAGRAM. PLEASE READ THEM THOROUGHLY AND REVIEW THE DIAGRAM BEFORE BEGINNING TO ASSEMBLE YOUR MOUNT.

WE SUGGEST THE FOLLOWING ASSEMBLY SEQUENCE:

1. BEFORE YOU BEGIN, PLEASE MAKE SURE YOUR KIT IS COMPLETE: THERE SHOULD BE 5 ALUMINUM PIECES, SOME BOLTS AND WASHERS, A RUBBER O-RING, 2 ALLEN KEYS AND AN IPAD CRADLE (IF YOU ORDERED IT).
2. HOOK THE O-RING (PART #3) OVER THE LIPS OF THE YOKE ARM ADAPTOR (PART #1). IT'S EASY TO DO WITH YOUR FINGERS. THE O-RING IS THE SEAL TO KEEP DUST AND DIRT OUT OF YOUR CONTROL YOKE
3. ATTACH THE RETAINER (PART #8) TO THE YOKE ARM ADAPTOR WITH THE TWO 10-32 SOCKET CAP HEAD SCREWS (PART #5) AND WASHERS (PART #4). THREAD THE SCREWS IN JUST FAR ENOUGH THAT THEIR END IS FLUSH WITH THE BACK FACE OF THE RETAINER.
4. REMOVE THE FACTORY SPRING STEEL COVER FROM THE INSPECTION HOLE ON THE BACK OF YOUR YOKE. YOU CAN PROBABLY DO THIS WITH YOUR FINGERNAIL (IT'S NOT IN THERE VERY TIGHT) BUT IT MIGHT BE EASIER TO LEVER IT OFF WITH A SMALL SCREWDRIVER. NO FORCE SHOULD BE NECESSARY.
5. HOLD THE YOKE ARM ADAPTOR SO THAT THE WIDER END OF THE TAPERED CENTER HOLE IS FACING DOWN. THREAD ONE END OF THE RETAINER THROUGH THE INSPECTION HOLE AND SLIDE THE WHOLE ASSEMBLY TO THAT SIDE. THE OTHER END OF THE RETAINER WILL NOW FIT INTO THE OTHER END OF THE HOLE. SETTLE THE ADAPTOR INTO THE HOLE AND TIGHTEN THE TWO 10-32 SCREWS WITH THE LARGE ALLEN KEY.
6. WHEN THE RETAINING SCREWS ARE TIGHT, THE WHOLE ASSEMBLY WILL BE FIRM AND RIGID. LOOKING DOWN FROM ABOVE, YOU SHOULD SEE THE ADAPTOR WILL BE SETTLED COMPLETELY INTO THE INSPECTION HOLE. BECAUSE THE YOKE ARM'S BACK FACE IS CURVED, THE ADAPTOR WILL ONLY TOUCH AT THE CENTRE. THE TOP AND BOTTOM EDGES WILL BE CLEAR OF THE YOKE CASTING AND THE GAP WILL BE FILLED AND SEALED BY THE O-RING.
7. IF YOU EVER WANT TO REMOVE THE MOUNT FROM YOUR YOKE, UNDO THE SCREWS JUST ENOUGH TO WRIGGLE THE RETAINER OUT OF THE HOLE. YOU DON'T WANT TO COMPLETELY UNDO THE RETAINER - IT MIGHT DROP INSIDE THE YOKE AND IT WILL BE A BEAR TO GET OUT.
8. FIT THE SHORT END OF THE IPAD MINI ARM (PART #2) INTO THE YOKE ARM ADAPTOR'S TAPERED HOLE SUCH THAT THE LONG END COMES OUT FROM

UNDERNEATH THE CONTROL ARM AND POINTS OVER TO THE CO-PILOT'S SIDE. RETAIN IT WITH A 1/4" BUTTON HEAD BOLT (PART #7) AND WASHER (PART #6).

9. ATTACH THE IPAD AMPS PLATE (PART #11) TO THE PLATE MOUNT (PART #9) WITH THE TWO 1/2" FLAT HEAD SCREWS (PART #10) AND TIGHTEN. FIT THIS LITTLE SUBASSEMBLY TO THE TAPERED END OF THE IPAD MINI ARM, AND RETAIN IT WITH THE SECOND 1/4" BUTTON HEAD BOLT AND WASHER.
10. THE IPAD AMPS PLATE PROVIDES SLOTTED HOLES TO ALLOW PRECISE VERTICAL ORIENTATION OF THE UNIT. SLIDE THE BLACK PHILLIPS HEAD SCREWS THAT CAME WITH THE IPAD CRADLE THROUGH THE BACK OF THE AMPS PLATE AND THE CRADLE AND SCREW THEM INTO THE BLACK NYLOK NUTS. (YOU SHOULD BE USING THE CENTER LOW ATTACHMENT POINT ON THE BLACK PLASTIC CRADLE.)
11. ADJUST THE MOUNT TO YOUR PREFERENCE AND FOR ADEQUATE CLEARANCE TO YOUR INSTRUMENT PANEL AND CONTROLS. WHEN IT'S HOW YOU WANT IT, TIGHTEN THE TWO BUTTON HEAD SCREWS AND THE FOUR CRADLE SCREWS.
12. THE PRICE OF FITTING A MOUNT TO BEECH'S "THROW OVER" YOKE IS THAT THE IPAD GETS THROWN OVER AS WELL. OBVIOUSLY, IT WILL BE UPSIDE-DOWN IF YOU DO SO. MORE SERIOUSLY, THERE IS A RISK THE IPAD MIGHT FOUL CONTROLS OR YOUR RADIO STACK ON THE RIGHT SIDE. GENERALLY, IT DOESN'T BUT PLEASE CHECK ON THE GROUND BEFORE DOING IT IN THE AIR AND FIX ANY ISSUE YOU FIND.
13. ANGEROLE, INC MOUNTS ARE MADE FROM 6061 T6, A HIGH STRENGTH ALUMINUM ALLOY COMMONLY USED IN STRUCTURAL APPLICATIONS, AND TREATED WITH A GOLD "ALODINE" FINISH. THE ALODINE FINISH IS A VERY GOOD BASE FOR PAINT. IF YOU DON'T LIKE THE GOLD, YOU CAN EASILY PAINT IT ANY COLOR YOU WANT. KRYLON OR SIMILAR AEROSOL PAINT WORKS GREAT. IT'S BEST TO MASK THE ACTUAL MATING SURFACES IF YOU DO DECIDE TO PAINT IT.
14. AS YOU PROBABLY KNOW, THERE IS A CHAIN INSIDE YOUR YOKE BAR TO TRANSMIT THE AILERON MOTION FROM THE ACTUAL YOKE TO THE CENTRE. BY DESIGN THERE IS PLENTY OF CLEARANCE BETWEEN THE RETAINER AND THE CHAIN. HOWEVER, AFTER YOU'VE INSTALLED THIS MOUNT, PLEASE CHECK YOUR CONTROLS ARE ABSOLUTELY FREE THROUGH THEIR ENTIRE RANGE OF TRAVEL AND IF ANY RESISTANCE OR CATCHING IS FELT, BE CERTAIN YOU HAVE FOUND AND CORRECTED THE CAUSE BEFORE GOING FLYING.

NO SET OF INSTRUCTIONS CAN SUBSTITUTE FOR COMMON SENSE. IT IS THE SOLE RESPONSIBILITY OF THE OWNER/OPERATOR OF THE AIRCRAFT TO PLACE THIS MOUNT AND SECURE THE UNIT SO THAT IT WILL NOT INTERFERE WITH THE AIRCRAFT'S OPERATING CONTROLS AND SAFETY DEVICES, OR CAUSE DAMAGE OR PERSONAL INJURY IN THE EVENT OF AN ACCIDENT OR TURBULENCE. DO NOT MOUNT YOUR DEVICE WHERE THE PILOT OR PASSENGERS ARE LIKELY TO IMPACT IT IN AN ACCIDENT, COLLISION, OR TURBULENCE. THIS MOUNTING HARDWARE IS NOT WARRANTED AGAINST TURBULENCE, COLLISION DAMAGE, OR RELATED CONSEQUENCES. AFTER INSTALLING YOUR MOUNT, MAKE SURE THAT THE AIRCRAFT FLIGHT CONTROLS ARE FREE AND CLEAR AND THAT THE DEVICE, THE MOUNT AND WIRING DO NOT CAUSE ANY INTERFERENCE WITH THE FLIGHT CONTROLS.

PLEASE WRITE TO US AT [FAX@ANGEROLE.COM](mailto:FAX@ANGEROLE.COM) WITH ANY QUESTIONS YOU MAY HAVE. GOOD LUCK AND ENJOY!