



**INSTALLATION NOTES
APPROACH PLATE MOUNT
MODEL 241 044**

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 6 ALUMINUM PIECES, SOME NUTS, BOLTS AND WASHERS, A CHROME PLATED CLIP AND 3 ALLEN KEYS.
2. PLEASE NOTE THAT PART #1 AND PART #3 ARE VERY SIMILAR: THE DIFFERENCE IS THAT PART #1 HAS TWO THREADED HOLES AND PART #3 DOES NOT.
3. TO USE THIS MOUNT, YOU'LL NEED TO REMOVE THE STANDARD BEECH YOKE FACEPLATE. IT'S OUR EXPERIENCE THAT BEECH PRODUCTS ARE, EUPHEMISTICALLY, "HAND MADE", MEANING THEY'RE ALL A BIT DIFFERENT. DEPENDING ON YOUR INDIVIDUAL AIRPLANE, YOU MIGHT FIND YOUR YOKE FACEPLATE BOLTS TO TWO EARS CAST INTO THE YOKE OR IT MIGHT BOLT TO TWO SMALL ADAPTOR CLIPS. IF YOU HAVE THE ADAPTOR CLIPS, YOU'LL NEED TO REMOVE THEM.
4. WE SUGGEST ASSEMBLING THIS MOUNT FROM THE YOKE OUTWARDS
5. ATTACH THE FACEPLATE RETAINER (PART #10) TO THE YOKE PLATE (PART #7) WITH THE TWO LONGER 10-32 COUNTERSUNK BOLTS (PART #11). SCREW THE BOLTS IN JUST ENOUGH TO ENGAGE THE THREADS IN THE RETAINER TO GIVE YOURSELF MAXIMUM WIGGLE ROOM FOR THE NEXT STEP.
6. SLIDE THE FACEPLATE RETAINER UNDER THE BEECH YOKE EARS AND CLAMP THE ASSEMBLY BY TIGHTENING THE SCREWS. SINCE YOU'RE WORKING BLIND, THIS NEEDS TO BE DONE BY FEEL. YOU PARTICULARLY WANT TO BE SURE THAT YOU ARE NOT CRIMPING ANY WIRES INSIDE YOUR YOKE CAVITY AS YOU DO SO. PART #10 IS DESIGNED TO BE A LITTLE BIT FLEXIBLE SO YOU'LL NEED SOME MECHANICAL SYMPATHY TO KNOW WHEN IT'S TIGHT ENOUGH.
7. BOLT THE PANEL ADAPTOR (PART #3) TO THE YOKE PLATE WITH THE TWO 10-32 SOCKET CAP HEAD BOLTS (PART #9) AND MATCHING WASHERS (PART #8). MAKE SURE THE OPEN END OF THE TAPERED HOLE IS FACING TO STARBOARD.
8. FIT THE ELBOW AXLE (PART #2) INTO THE TAPERED HOLE AND RETAIN IT WITH A ¼ UNC BUTTON HEAD BOLT (PART #5) AND WASHER (PART #4). THE TAPERED DESIGN PROVIDES AN EXTREMELY RELIABLE, VIBRATION-PROOF JOINT AND THERE IS NO NEED TO MURDER THE BOLT UP TIGHT. IN FACT, IF YOU OVER

TIGHTEN IT, YOU MIGHT NEVER GET IT APART AGAIN AND THIS IS WHY WE SUPPLY SHORT ALLEN KEYS

9. FIT THE PLATE MOUNT (PART #1) ON THE OTHER END OF THE ELBOW AXLE AND RETAIN IT WITH THE CLAMP SCREW (PART #18) AND WASHER (PART #4)
10. BOLT THE 4 WAY AMPS PLATE (PART #19) TO THE PLATE MOUNT WITH THE TWO SHORTER 10-32 COUNTERSUNK BOLTS (PART #6). THE AMPS PLATE CAN GO ON TWO WAYS – THE CORRECT WAY IS WITH THE THREADED HOLES CLOSEST TO THE BOLTS. THIS WILL MAKE SENSE WHEN YOU’RE LOOKING AT IT
11. FIT THE FACE PLATE (PART #12) TO THE AMPS PLATE WITH THE 4 SMALL 6-32 COUNTERSUNK BOLTS (PART #14). MAKE SURE THE TWO HOLES NEAR THE EDGE ARE AT THE TOP.
12. FIT THE SPRING CLIP (PART #13) TO THE FACE PLATE WITH THE 2 LONGER 6-32 SCREWS (PART #15), WASHERS (PART #16) AND NYLOCK NUTS (PART #17). THE SPRING CLIP STRADDLES THE TOP EDGE OF THE FACE PLATE – THE SHEET METAL PART GOES ON THE PANEL SIDE, THE WIRE CLIP ON THE SIDE FACING THE PILOT.
13. ADJUST THE TILT TO YOUR PREFERENCE AND MAKE SURE ALL THE BOLTS ARE TIGHT
14. **PLEASE EXERCISE ALL YOUR CONTROLS THROUGH THEIR ENTIRE RANGE TO MAKE SURE THERE ARE NO PROBLEMS ASSOCIATED WITH FITTING THIS MOUNT. PLEASE BE CERTAIN ANY ISSUES ARE FIXED PROPERLY 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 WITH ANY QUESTIONS YOU MAY HAVE. GOOD LUCK AND ENJOY!