

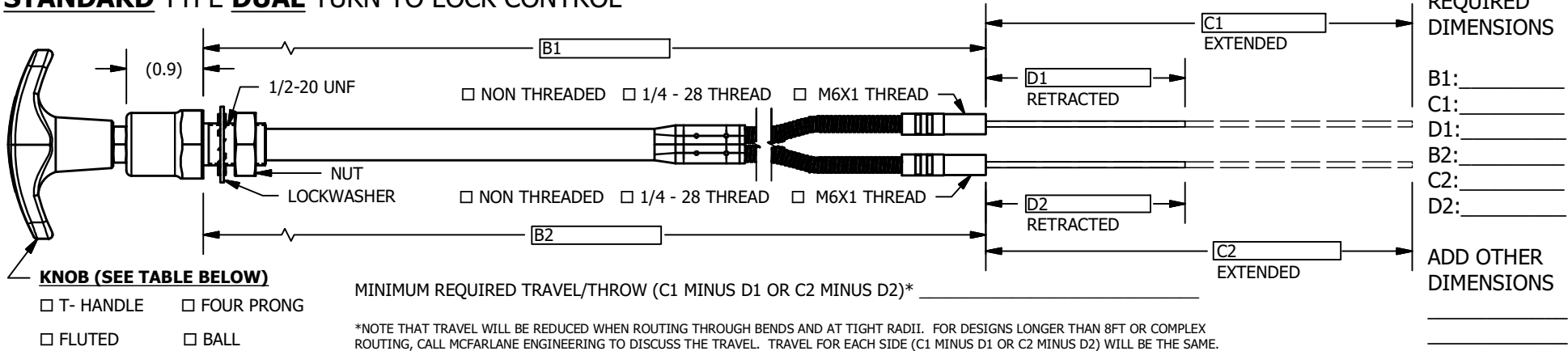
McFarlane Aviation, Inc.  
696 E. 1700 Road  
Baldwin City, KS 66006



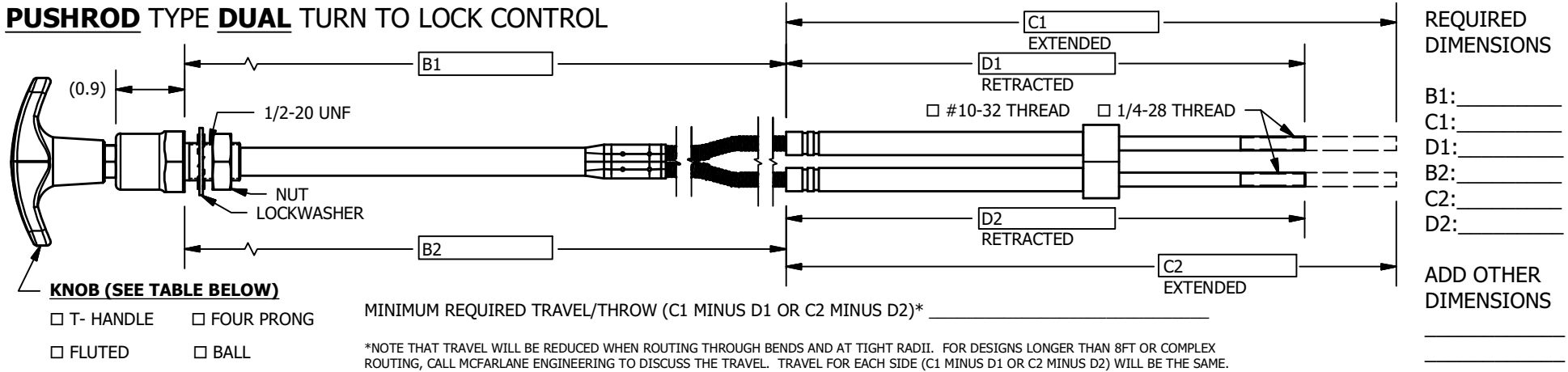
**McFarlane Aviation Products**

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(785) 594-2741  
(785) 594-3922 Fax  
www.mcfarlaneaviation.com  
customparts@mcfarlaneaviation.com

**STANDARD TYPE DUAL TURN TO LOCK CONTROL**



**PUSHROD TYPE DUAL TURN TO LOCK CONTROL**



I REQUEST MCFARLANE AVIATION, INC. TO MANUFACTURE A PART PER THE DATA ON THIS FORM. I UNDERSTAND THAT I AM SOLELY RESPONSIBLE FOR ENSURING SUITABILITY OF THE PART FOR MY INTENDED APPLICATION. THIS DATA WAS EITHER PROVIDED BY ME OR DEVELOPED JOINTLY WITH MCFARLANE AVIATION, INC. ON MY BEHALF AND WITH MY PARTICIPATION AND SUPERVISION. I UNDERSTAND THAT UNLESS OTHERWISE AGREED, MCFARLANE AVIATION, INC. MAY USE THIS DATA FOR ANY PURPOSE. I UNDERSTAND THAT THIS PART IS NOT FAA APPROVED. AND I CERTIFY THAT IF THIS PART IS TO BE INSTALLED ON A TYPE-CERTIFICATED AIRCRAFT IT WILL BE INSTALLED IN FULL COMPLIANCE WITH ONE OF THE EXCEPTIONS LISTED IN 14 CFR 21.9(a).

**Backlash**, which is apparent as lost motion under push-pull input forces, is caused by the core wire of the control assembly moving from the inside to the outside of the bends in the conduit with the change in direction of movement. It is a function of the length of the control, the clearance between the wire and the conduit, the input force, and the total number of degrees of bend in the installed control. While designing and constructing a control, McFarlane Aviation can take steps to mitigate backlash. To do so, a complete understanding of the operating loads, routing, and backlash tolerance is required.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

CUSTOMER NAME: \_\_\_\_\_ CONTACT NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

EMAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_ AIRCRAFT MAKE: \_\_\_\_\_

FAX NUMBER: \_\_\_\_\_ MODEL: \_\_\_\_\_

SPECIAL REQUIREMENTS/NOTES:	KNOB STYLE TABLE			
	T-HANDLE	4 PRONG	FLUTED	BALL

FOR CUSTOM KNOB MARKINGS, USE THE CUSTOM KNOB FORM ON OUR WEBSITE:  
<http://www.mcfarlaneaviation.com/pdfdocuments/Custom%20Knob%20Form.pdf>