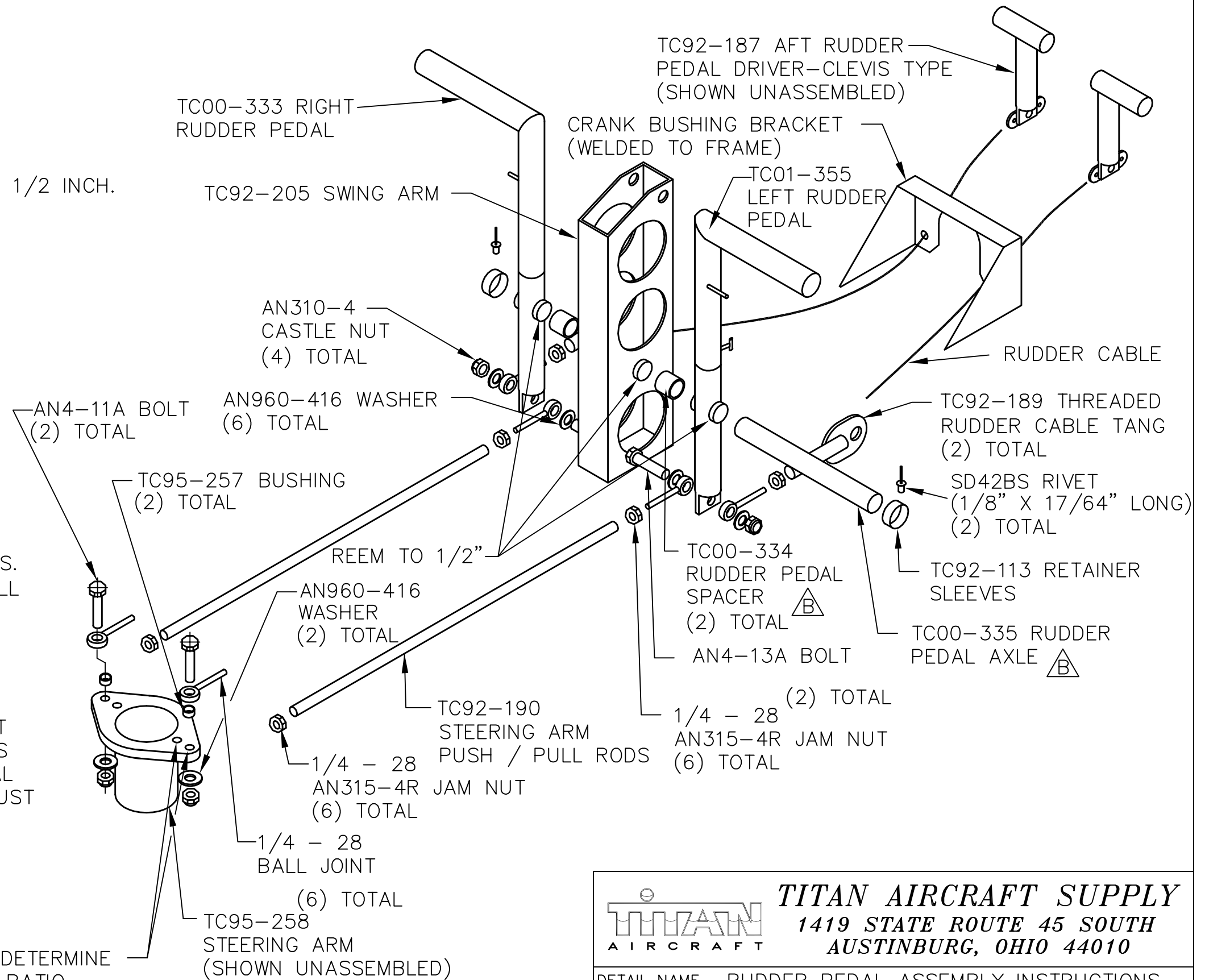


PEDAL ASSEMBLY NOTES:

- AFT RUDDER PEDAL DRIVERS AND NOSE FORK MUST BE ASSEMBLED FIRST.
- SWING ARM AND PEDALS ARE PRE-REEMED TO 1/2 INCH.
- SLIDE PEDAL AXLE THROUGH SWING ARM THEN SLIDE THE PEDALS ONTO THE AXLE. SLIDE RETAINING SLEEVES ONTO THE AXLE SO THAT THEY HOLD THE PEDALS FIRMLY IN PLACE.
- ** PEDALS SHOULD STILL SWING FREELY **
- DRILL THROUGH ONE WALL ON RETAINER AND AXLE WITH #30 (.1285 DIA) DRILL. RIVET WITH SD42BS RIVETS (1/8 DIA X 17/64 LONG).
- PUSH/PULL RODS ARE PRE-TAPPED TO 1/4-28
- CLAMP RUDDER PEDALS TOGETHER TO ASSURE BOTH REMAIN IN THE NEUTRAL POSITION.
- ROTATE NOSE FORK IN THE STRAIGHT FORWARD POSITION. THREAD THE NUTS ONTO THE BALL JOINT. THREAD THE BALL JOINTS INTO THE PUSH RODS. INSERT THE AN4-11A BOLTS THROUGH THE BALL JOINTS AND BUSHINGS, THEN THROUGH THE STEERING ARM.
- SCREW THREADED RUDDER CABLE TANG AND JAM NUT ONTO BALL JOINTS. NICO RUDDER CABLE TO THREADED CABLE TANG. ROUTE CABLES THRU CRANK BUSHING BRACKET TO AFT RUDDER PEDAL DRIVERS. NICO CABLES TO CABLE TANG BOLTED TO AFT RUDDER PEDAL DRIVERS. THE AFT RUDDER PEDAL DRIVERS MUST REMAIN IN A VERTICLE POSITION WHEN RUDDER PEDALS ARE PARALLEL TO EACH OTHER.

THESE HOLES DETERMINE THE STEERING RATIO. (INNER HOLES HAVE A TIGHTER TURNING RADIUS AND OUTER HOLES HAVE A WIDER TURNING RADIUS)



TITAN AIRCRAFT SUPPLY
 1419 STATE ROUTE 45 SOUTH
 AUSTINBURG, OHIO 44010

DETAIL NAME		RUDDER PEDAL ASSEMBLY INSTRUCTIONS	
SCALE	N/A	PART NO.	
ASSEMBLY NAME		TORNADO S	
PART NO.		DRAWING NO.	
DRAWING NO.		B 01-INS-1242-B	

DRAWN	K. LIPLIN	DATE	6/12/01
CHECKED	G. TRUEX	DATE	12/22/05
APPROVED	J. WILLIAMS	DATE	12/22/05

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