

PROPRIETARY AND CONFIDENTIAL  
THE INFORMATION CONTAINED IN THIS  
DRAWING IS THE SOLE PROPERTY OF  
FALPIX. ANY REPRODUCTION IN  
PART OR AS A WHOLE WITHOUT THE  
WRITTEN PERMISSION OF FALPIX IS  
PROHIBITED.

4

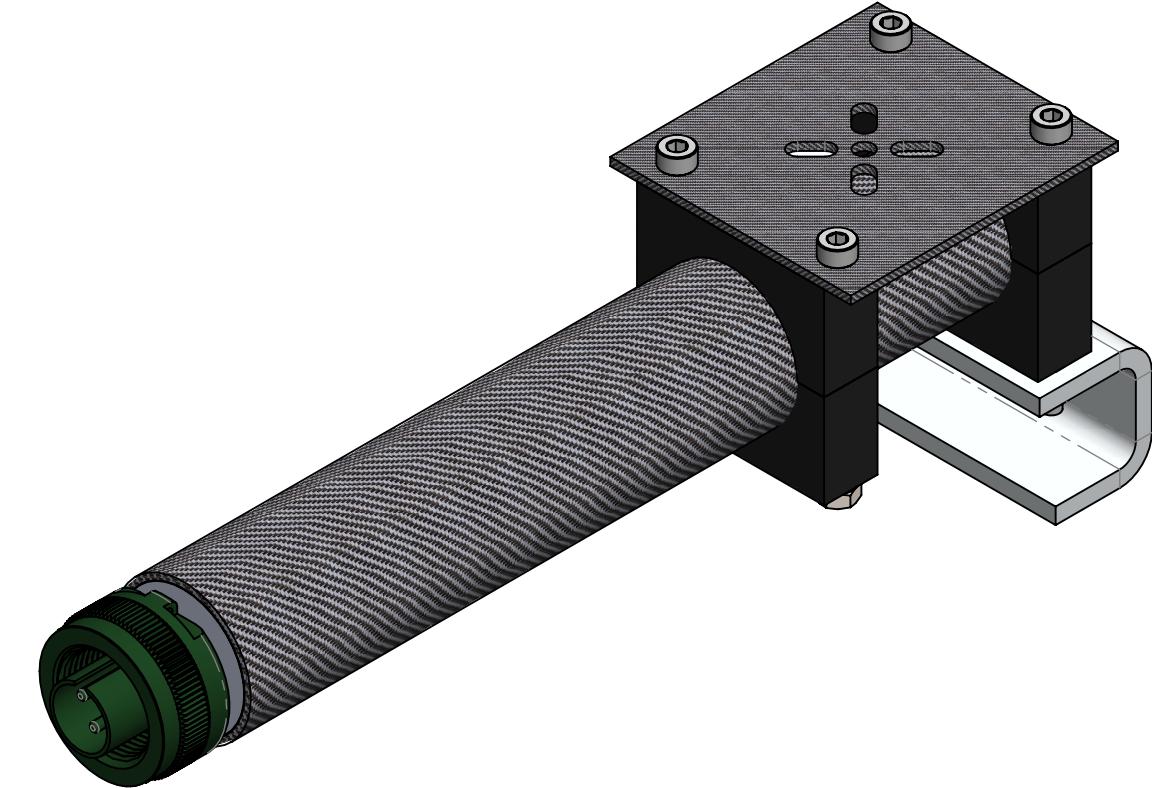
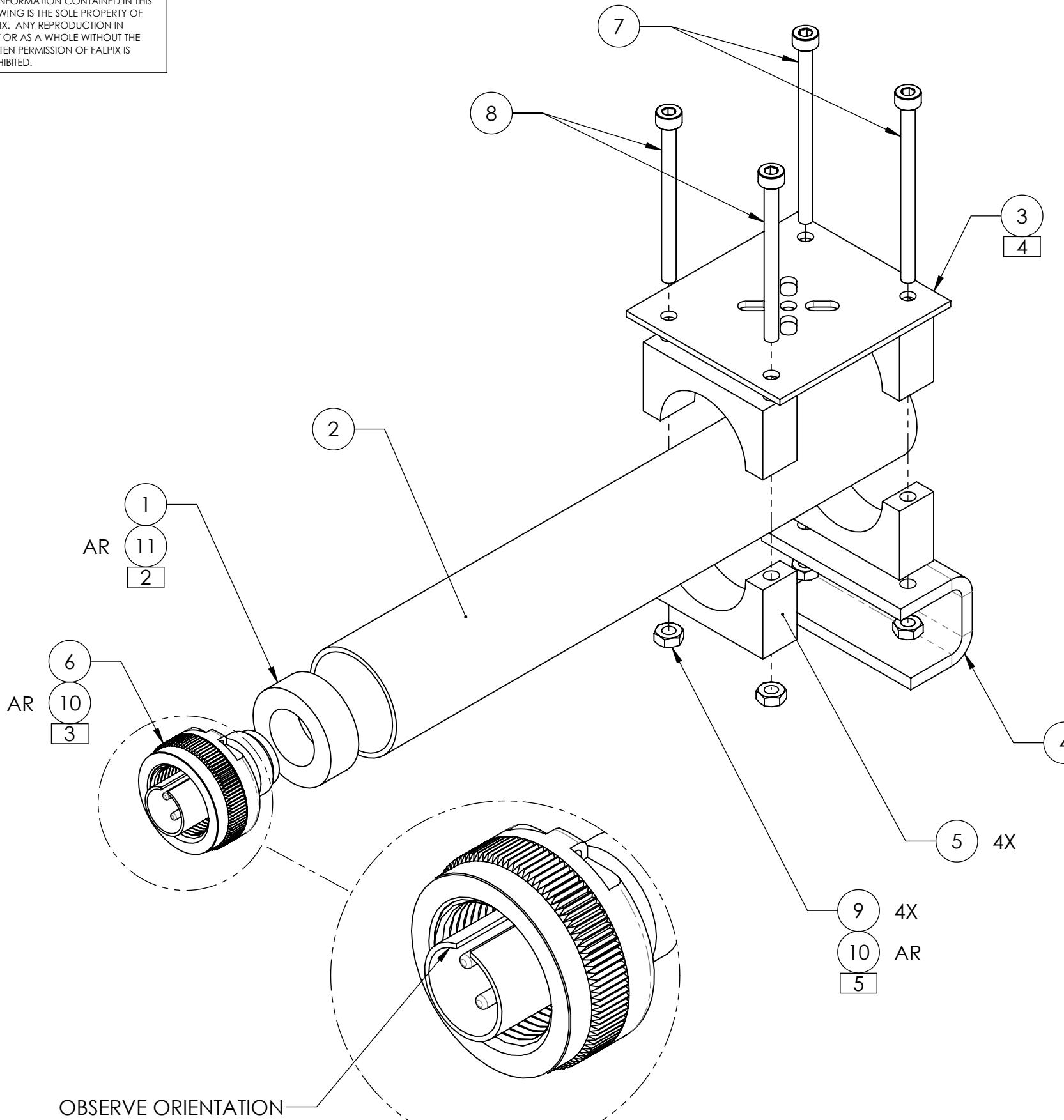
3

2

1

B

B



DRAWING NOTES: UNLESS OTHERWISE SPECIFIED

- NOTES TO BE PERFORMED IN SEQUENTIAL ORDER.
- APPLY ITEM 11 (EPOXY) TO OUTER DIAMETER OF ITEM 1 (ADAPTER COLLET) AND JOIN FLUSH WITH ITEM 2 (C.F. TUBE). LET EPOXY CURE AT ROOM TEMPERATURE FOR 48 HOURS.
- APPLY ITEM 10 (LOCTITE) TO THREADS OF ITEM 6 (AMP PLUG) AND THREAD INTO ADAPTER COLLET.
- ITEM 3 (MOTOR MOUNT PLATE) SHOULD BE PARALLEL WITH NOTCH ON ITEM 6 (AMP PLUG). SEE DETAIL ON ORIENTATION.
- APPLY ITEM 10 (LOCTITE) TO THREADS OF ITEM 9 (HEX NUT) BEFORE FASTENING SCREWS.

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
TOLERANCES:  
ANGULAR  $\pm 20'$   
TWO PLACE DECIMAL  $\pm 0.01$   
THREE PLACE DECIMAL  $\pm 0.003$   
INTERPRET GEOMETRIC  
TOLERANCING PER: ANSI Y14.5  
MATERIAL  
FINISH  
DO NOT SCALE DRAWING

DRAWN  
CHECKED  
MANUFACTURING PLAN:

P. Maroli  
3/9/17  
Jake K.  
3/9/17

CALL (925)-963-2273 WITH  
ANY QUESTIONS REGARDING THIS DWG.

FALPIX  
TITLE:  
ARM ASSEMBLY  
SIZE DWG. NO. REV  
**B** A1001 **A**  
SCALE: 1:1 WEIGHT: SHEET 1 OF 2

DRAWN BY: P. Maroli  
DATE: 3/9/17  
REV: A



# ENGINEERING PARTS LIST

## A1001, ARM ASSEMBLY

ITEM NO.	QTY.	NUMBER	DESCRIPTION
1	1	Q1004	ADAPTER,AMP CONNECTOR
2	1	Q1005	ARM
3	1	Q1006	MOTOR MOUNT PLATE
4	1	Q1007	LANDING GEAR
5	4	P1000	MOTOR CLAMP
6	1	8903T12	CONN,MIL SPEC,3 PIN,PLUG
7	2	91290A079	SHCS,M3X45
8	2	91290A136	SHCS,M3X40
9	4	90591A250	HEXNUT,M3
10	0	S-13779	LOCTITE,THREADLOCK,242
11	0	DP-460	EPOXY,SCOTCH-WELD