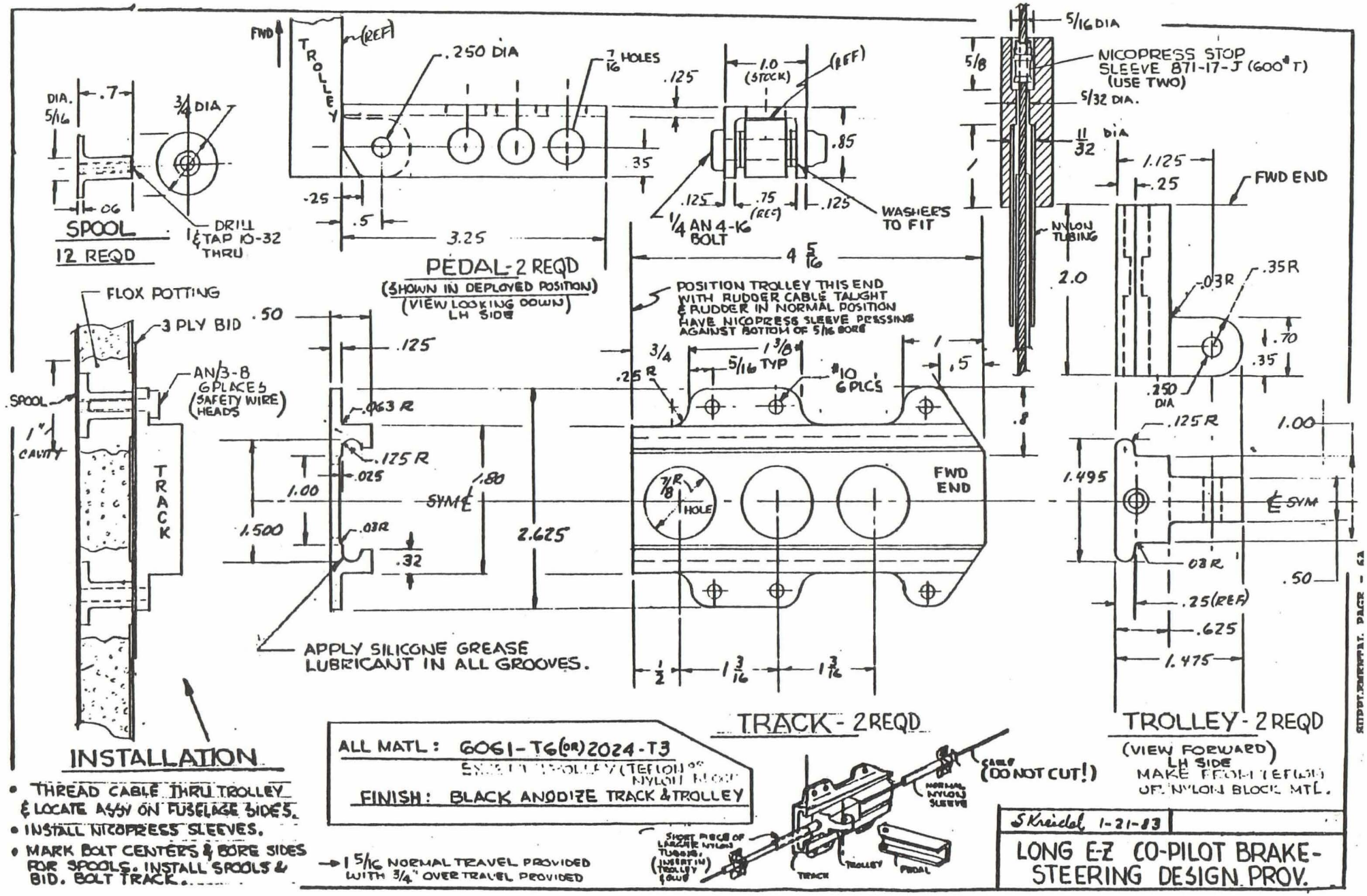
54A .10


SPOOL
12 REQD
DIA. 5/16
.7
3/4 DIA
.06
DRILL & TAP 10-32 THRU
FWD
TROLLEY
(REF)
.250 DIA
7/16 HOLES
.125
.35
.25
.5
3.25
PEDAL-2 REQD
(SHOWN IN DEPLOYED POSITION)
(VIEW LOOKING DOWN) LH SIDE
1.0 (STOCK)
(REF)
.85
.125
.75 (REF)
.125
1/4 AN 4-16 BOLT
WASHERS TO FIT
4 5/16
POSITION TROLLEY THIS END WITH RUDDER CABLE TAUGHT & RUDDER IN NORMAL POSITION HAVE NICOPRESS SLEEVE PRESSING AGAINST BOTTOM OF 5/16 BORE
5/16 DIA
5/8
NICOPRESS STOP SLEEVE 871-17-J (600# T) (USE TWO)
5/32 DIA.
11/32 DIA
NYLON TUBING
2.0
.8
1.125
.25
FWD END
.03R
.35R
.70
.35
.250 DIA
.125R
1.00
1.495
SYM
.03R
.50
.25 (REF)
.625
1.475
TROLLEY-2 REQD
(VIEW FORWARD) LH SIDE
MAKE FROM TEFLON OR NYLON BLOCK MTL.
FLOX POTTING
3 PLY BID
.50
.125
AN3-8 6 PLACES (SAFETY WIRE HEADS)
SPOOL
1" CAVITY
TRACK
.063 R
.125 R
.025
1.00
1.500
.03R
.32
SYM
1.80
2.625
APPLY SILICONE GREASE LUBRICANT IN ALL GROOVES.
3/4
.25 R
1 3/8
5/16 TYP
#10 6 PLCS
.5
7/8 R
HOLE
FWD END
1/2
1 3/16
1 3/16
TRACK-2 REQD
INSTALLATION
• THREAD CABLE THRU TROLLEY & LOCATE ASSY ON FUSELAGE SIDES.
• INSTALL NICOPRESS SLEEVES.
• MARK BOLT CENTERS & BORE SIDES FOR SPOOLS. INSTALL SPOOLS & BID. BOLT TRACK.
ALL MATL: 6061-T6 (OR) 2024-T3
ENTIRE TROLLEY (TEFLON OR NYLON BLOCK)
FINISH: BLACK ANODIZE TRACK & TROLLEY
→ 1 5/16 NORMAL TRAVEL PROVIDED WITH 3/4" OVER TRAVEL PROVIDED
SHORT PIECE OF LARGER NYLON TUBING (INSERT IN TROLLEY & GLUE)
TRACK
TROLLEY
PEDAL
NORMAL NYLON SLEEVE
CABLE (DO NOT CUT!)
S Kreidel 1-21-83
LONG E-Z CO-PILOT BRAKE-STEERING DESIGN PROV.