TOP VIEW
(PULLEY & BEARINGS)
FRONT VIEW
(PULLEY & BEARINGS)
RIGHT SIDE VIEW
(PULLEY & BEARINGS)
DRILL THROUGH 5/8 DIA. (2 PL.)
REPEAT ONCE @ 86"

IN MATCHED EAGES 7/16
FRONT CHANNELS.

DRILL & TAP 1/4-20
THROUGH (2 PL.) (SIDE FLANGES)
REPEAT 5 TIMES @:
36 1/2"
59"
81 1/2"
119"
156 1/2"

2.000

1/2"

UNLESS OTHERWISE SPECIFIED,
TOLERANCES: .XX ± .01
.XXX ± .005
.XXXX ± .001
ANGLES ± 1/2°
FRACTIONAL ± 1/32"

REAR CHANNEL (PG.1 OF 2)

DRAWING #: 3769-1  DATE: 6/28/94
SCALE: 1/2  QTY: 2/BOARD
MATERIAL: 4" X .180 ALUM CHANNEL
DRAWN BY: JIM KASTENGREN 492-3722
REAR CHANNEL (PG. 2 OF 2)

- Drill through 5/8 dia (2 PL)
- Drill through 3/8 dia (4 PL)
  CSK from back for 3/8 FH
- Drill & tap 1/4-20 through (2 PL)
  (both flanges)

Dimensions:
- 2.886
- 2.000
- .734
- .000
- .625
- 1.000
- 4.000
- 1.250
- 2.000
- 156 1/2"
- 164"

Note: Dimensions and tolerances should be accurately followed for proper assembly and function.
UNLESS OTHERWISE SPECIFIED,
TOLERANCES: .XX ± .01
.XXX ± .005
.XXXX ± .001
ANGLES ± 1/2"
FRACTIONAL ± 1/32"

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FRONT CHANNEL (PG. 1 OF 2)

DRAWING #: 3769-2 DATE: 6/28/94
SCALE: 1/2 QTY: 2/BOARD
MATERIAL: 4" X .180 ALUM CHANNEL
DRAWN BY: JIM KASTENGREN 492-3722
CHAMFER 45° X 1/4
(TO FIT INTO CHANNEL)

TAP THROUGH
(OR FROM BOTH SIDES)
3/8-16 UNC

OVERALL DIMENSIONS:
4.875" X 3.5" X 1.5"

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UNLESS OTHERWISE SPECIFIED,
TOLERANCES: .XX ± .01
            .XXX ± .005
            .XXXX ± .001
ANGLES ± 1/2°
FRACTIONAL ± 1/32"

TOP MOUNT BLOCK
DRAWING #: 3769-3  DATE: 7/1/94
SCALE: 1/1  QTY: 2/BOARD
MATERIAL: ALUMINUM
DRAWN BY: JIM KASTEN 492-3722
DRILL THRU 3/8 DIA (2 PL)

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UNLESS OTHERWISE SPECIFIED,
TOLERANCES: .XX ± .01
           .XXX ± .005
           .XXXX ± .001
ANGLES ± 1/2°
FRACTIONAL ± 1/32”

BEARING STAND-OFFS
DRAWING #: 3769-5   DATE: 7/1/94
SCALE: 1/1   QTY: 4/BOARD
MATERIAL: ALUMINUM
DRAWN BY: JIM KASTENGEN 492-3722
Ø3/8, 3/4 DEEP IN 1 OF 2 BLOCKS
(TO FIT SWAGED END OF CABLE)

GROOVE 5/32 W. X .400 DP. FOR CABLE

DRILL & TAP 8-32 (4 PL)

REAM .251, 1 1/4 DP.

UNLESS OTHERWISE SPECIFIED,
TOLERANCES: .XX ± .01
.XXX ± .005
.XXXX ± .001
ANGLES ± 1/2°
FRACTIONAL ± 1/32"
Ø3/8, 3.4 deep in 1 of 2 parts
(to fit s-vaged end of cable)

Machine to fit over chalkboard trim

Groove 5/32 W. x .400 DP. for cable

Drill & tap 8-32 (4 pl)

Physics precision instrument shop
University of Colorado, Boulder

Unless otherwise specified, tolerances:
XX ± .01
XXX ± .005
XXXX ± .001
Angles ± 1/2°
Fractional ± 1/32"