SQUEEZE SHAFT SCREW
MODIFIED COMMERCIAL COLLAR

SCALE 1:1

FIG. 2-1

ASSEMBLY

8-32 CAP SCREWS
SCREW HOLES OMITTED

SS COLLAR

OVERSIZE HOLES

ID 0.500
OP 0.750
REAM TO 0.750" ID

HAT

TIMING BELT PULLEY (MODIFIED)

PLASTIC

MILL OFF

ALUMINUM

PRESS FIT LN2

BRASS
FIG 2-2
UPPER PULLEY TENSIONING

(SIMPLIFIED)

LEVER.

TIMING BELT

MAST 1" SQUARE

SIDE VIEW

2CM

REAR VIEW (SCHEMATIC)

MAST

LEVERS

TURNBUCKLE

PLATE

SPRING

PULLEYS OMITTED

TURNBUCKLE

MAST FLANGE
FIG. 2-3

- B-32 stud ~12 mm long
- 2-56 x 3 120° apart flat head turn down
- Both 13.7 O.D.
- Optional - fill with 160 µL Epoxetek 302
- 15 mm when assembled

Epoxy
Easy fit
EXPLORER 16 VIA PICTAL * RIBBONS (NOTE A)

CHIPS: H541 & H139 ARE 74HCT541, L5HCT139
OTHERS 74LSXX STANDARD TTL

NOTES: (A) DISPLAY CHIP RIPPED OFF EXPLORER 16
(B) SIMPLE INVERTERS ETC OMITTED.
(C) PMA 7 IS A CHIP SELECT FOR SHUTTER I/O
PMA 4 IS UPPER/LOWER BYTE SELECT
PMA 5 SELECTS VARIAN VS EQUIPMENT SELECT.
(D) LREN STANDS FOR LOCAL READ EN

FIG 2-4