— NOTICE —
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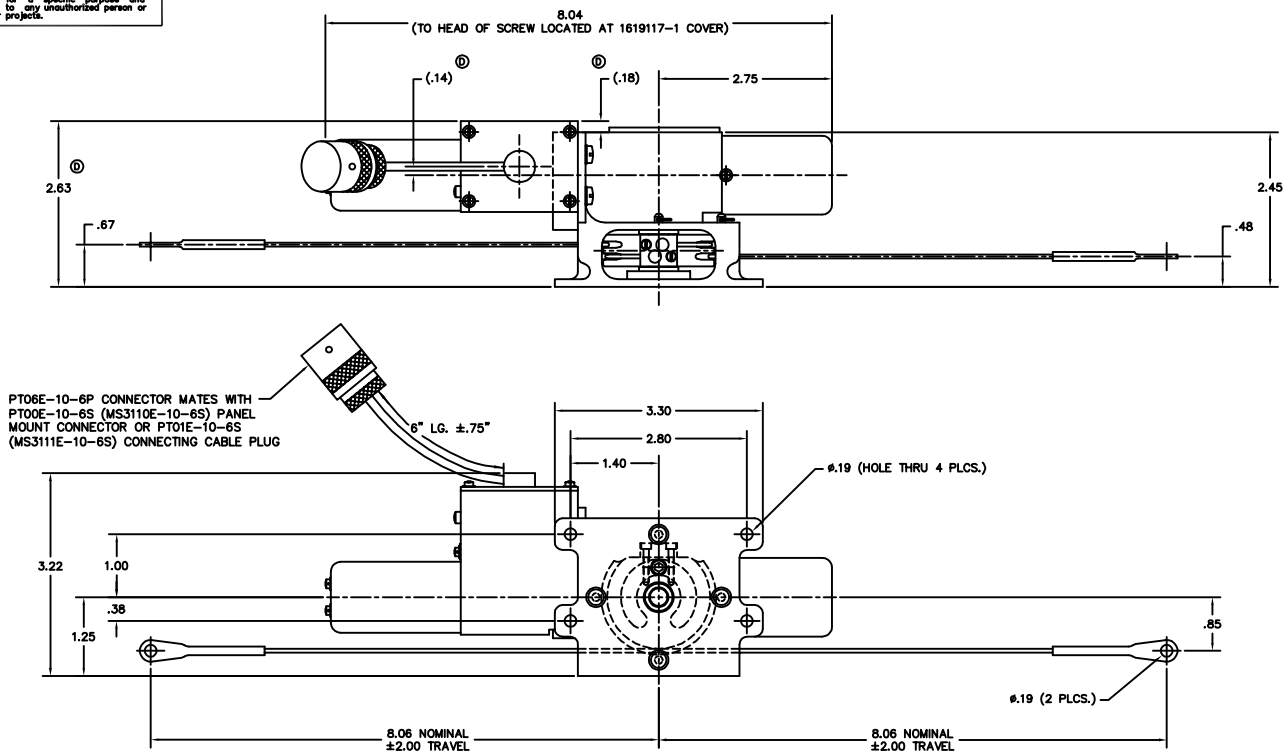
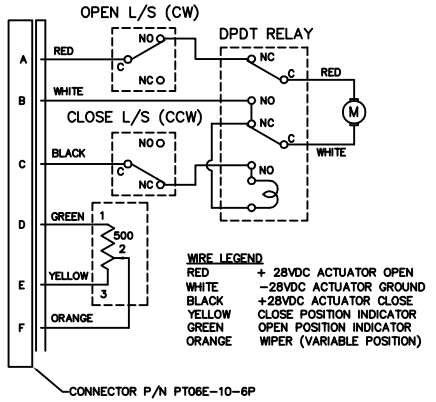
REVISIONS				
C.O. NO.	REV.	REVISION DESCRIPTION	DATE	APPD.
ASC2829	D	SEE SHEET 1 FOR REVISIONS	5-17-04	D.S.





ELECTRICAL SCHEMATIC
(SHOWN IN OPEN POSITION)

-3 CONFIGURATION

NOTES CONTINUED:

7. CAPSTAN TRAVEL ±135° = ±2.00" CABLE TRAVEL FROM NOMINAL.
8. NOMINAL SPEED: 0.22 INCHES PER SECOND
9. MAXIMUM CYCLE TIME: . . . . . 25 SECONDS
   MINIMUM CYCLE TIME: . . . . . .15 SECONDS
10. CABLE SPECIFICATION:
    DIAMETER: ø0.0625" , 7x19 STRAND CRES PER MIL-DTL-83420.
    EYE END: MS20668G-2
    BALL END: SINGLE SHANK CRES PER MS20664-2
    CABLE LOAD = 20 LBS. MAX.
11. POWER REQUIREMENTS: 24 VDC
12. FOR ASSEMBLY, SEE DOCUMENT 1001101

DASH NO.	NEXT ASSY.	USED ON APPLICATION

QTY.	ITEM	SIZE	PART NUMBER	DESCRIPTION	MATERIAL	MAT'L. SPEC.	FINISH	FINISH SPEC.

LIST OF MATERIALS

DIMENSIONAL SYMBOLS PER ASME Y14.5
- ▱ FLATNESS
- — STRAIGHTNESS
- ∠ ANGULARITY
- ⊥ PERPENDICULARITY
- // PARALLELISM
- ◎ CONCENTRICITY
- ⌖ TRUE POSITION
- ○ CIRCULARITY (ROUNDNESS)
- ⌯ SYMMETRY
- Ⓜ (MMC) MAXIMUM MATERIAL CONDITION
- Ⓢ (RFS) REGARDLESS OF FEATURE SIZE

UNLESS OTHERWISE SPECIFIED
1. DIMENSIONS ARE IN INCHES — TOLERANCES ON — FRACTIONS ± 1/16 ANGLES ±.0° 30' XX DEC ±.030 DRILL HOLES XXX DEC ±.010 AND 10387
2. SURFACE ROUGHNESS PER MIL-STD-10
3. REMOVE BURRS & BREAK SHARP EDGES .010 MAX.
4. INTERNAL RADII .005 TO .015
THREADS
5. STRAIGHT SCREW MIL-S-7742 TAPERED PIPE MIL-P-7105
6. ALL DIMENSIONS BEFORE PLATING
DO NOT SCALE DRAWING

SIGNATURES		DATE
DR.	D. ORTH	4-7-04
CHK.		
ENGR.		
APPD.	DON SIMON	
NEXT ASSY.		

AERO SPACE CONTROLS CORPORATION
WICHITA, KANSAS

TITLE
CAPSTAN ACTUATOR

CODE IDENT NO.	SIZE	DWG NO.
	D	1001A100

SCALE 1:1 UNIT WT LBS SHT 2 OF 2