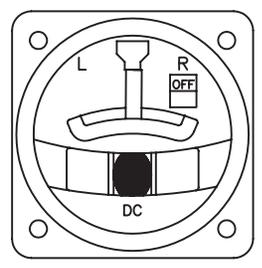
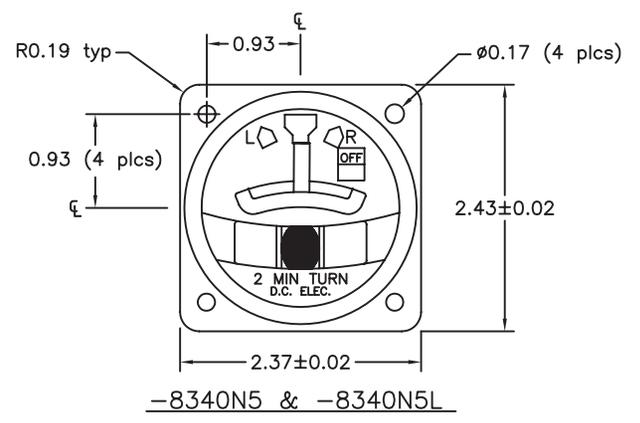
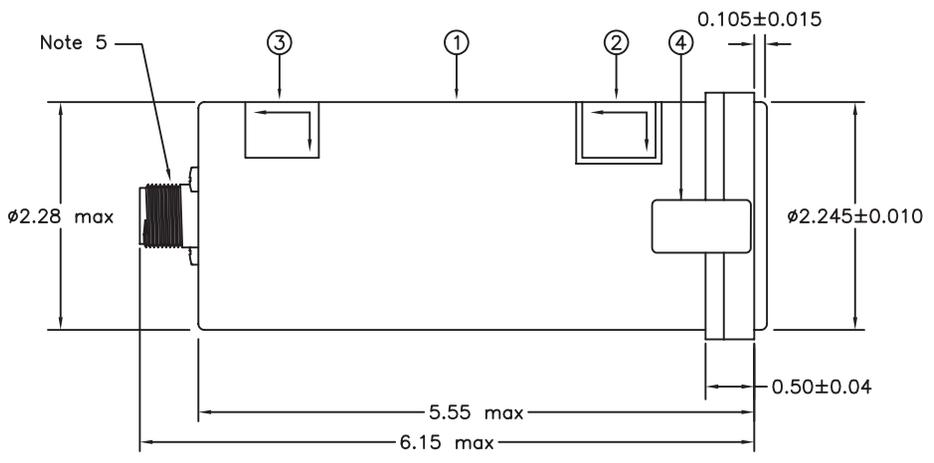
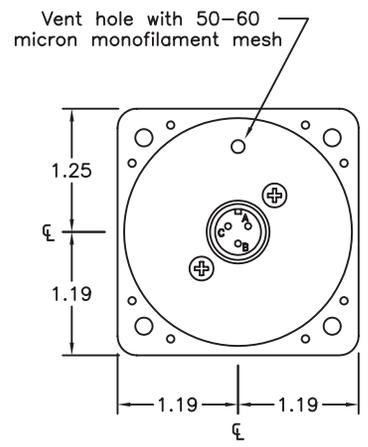


Configuration					
P/N Suffix	Assembly	Nameplate	Lighting	Glass	Deflection
L	36002-2	Note 7	Note 6	HEA	double
L-3	36002-3	8351-34	Note 6	HEA	double
-4	36002-4	8351-34	none	standard	single
(none)	36002-5	8351-37	none	standard	single

Revisions				
ECO	Rev.	Description	Date	Approved
		See obsolete drawing for revision history.		
1834	L	Text in note 5 was "For -8340N5L-3 only...". All nameplates were 8351-34.	7/13/00	Sch
1862	M	Case diameter was 2.25 max. Add 7013808-2 decal.	7/27/00	JBR
3589	N	Delete note 5 reference from 7013808-2 leader.	12/4/03	JBR/ScH
5047	P	Redraw and update. Revise MTBF rating. Update title block.	6/13/08	BAW/ScH

Logo and company name have been changed in title block only. No functional or technical changes have been made. Revision remains unchanged.



### SPECIFICATIONS

Electrical	
	Min. Max.
Voltage:	23.8 VDC 32.2 VDC
Current (Running):	--- 0.40 A
Current (Starting):	--- 1.10 A
Warning Flag:	22.0 VDC 23.4 VDC
Dielectric to case:	--- 500 VDC (1 min.)

Characteristics	
	Min. Max.
Starting Time:	--- 3 min.
Weight:	--- 1.4 lbs.
MTBF:	4500 hrs ---

Deflection		
Indication Sensitivity (Double Deflection)	Turn Rate	Min. Max.
	0°/min	0 in. 0.015 in.
90°/min	0.125 in. 0.187 in.	
180°/min	0.282 in. 0.344 in.	
360°/min	0.437 in. 0.687 in.	

Indication Sensitivity (Single Deflection)	Turn Rate	Min. Max.
	0°/min	0 in. 0.015 in.
90°/min	0.047 in. 0.109 in.	
180°/min	0.125 in. 0.187 in.	
360°/min	0.250 in. 0.374 in.	

Damping Sensitivity		
Turn Indicator (Air Dashpot)	Time from full deflection to zero with no overshoot:	Min. Max.

Slip Indicator (Fluid)	Time for ball movement from -12° slip angle to +12° slip angle:	Min. Max.

Environmental		
	Min.	Max.
Temperature Range (Survival):	-65°C	+70°C
Temperature Range (Operating):	-30°C	+50°C
Altitude Range (Operating):	-1000 ft	52,000 ft

- Note:
- Dial and pointer marking to be flat white per FED-STD-595 #37875. Background to be matte black per FED-STD-595 color #37038.
  - Inclinometer background and cage lines to be white. Inclinometer ball to be black/dark gray.
  - Unit certified per FAA TSO-C3b.
  - Case and bezel to be matte black.
  - Mating connector is MS3106-10SL-3S
  - Lighting, where applicable, shall be customer specified as:
    - 5 volt: Light tray p/n 7011406-5
    - 14 volt: Light tray p/n 7011406-14
    - 28 volt: Light tray p/n 7011406-28
  - Nameplate for 5550-8340N5L is p/n 8351-34 unless supplied to Hawker Beechcraft (8351-36 per Beech spec 101-380031-11)

Pin	Signal Description
A	28 VDC
B	Common
C	Lighting/Reserved

Item	Qty	Part Number	Description
1	1	See Config	Assembly, 2" Turn & Slip
2	1	See Config	Nameplate
3	1	7013808-2	Decal, Pinout
4	1	6018956	Decal, Warranty Seal

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.  
 TOLERANCE:  
 FRACTIONAL=±1/64  
 .XX=±0.015  
 .XXX=±0.005  
 .XXXX=±0.002  
 ANGULAR=±0.5°  
 CONCENTRICITY: 0.005 TIR  
 BREAK ALL SHARP EDGES  
 THREADS PER MIL-S-7742

DRAWN:  
S. Haines  
12/23/94

APPROVED:  
JW  
12/23/94

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TITLE: Indicator, 2-inch, Turn and Slip, 28V

SCALE: None

PART NUMBER:  
**5550-8340N5**

SHEET 1 of 1