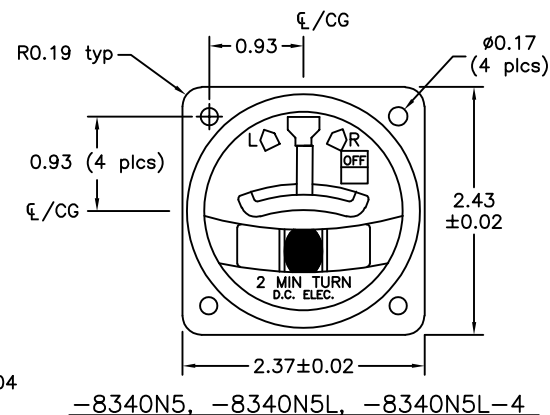
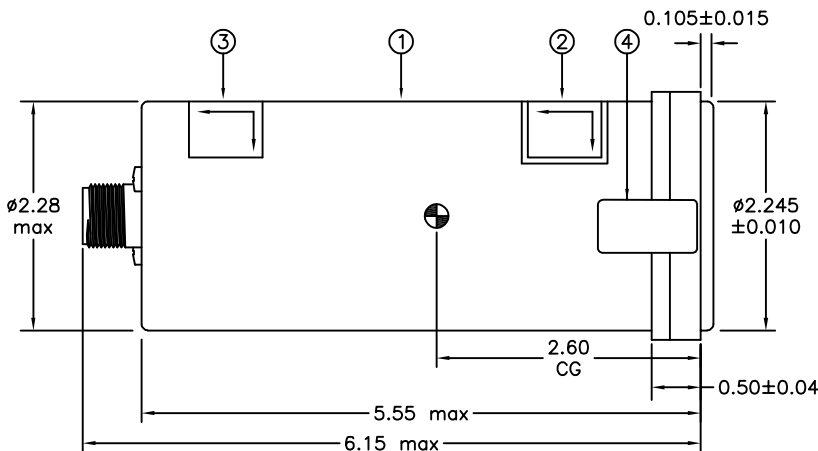
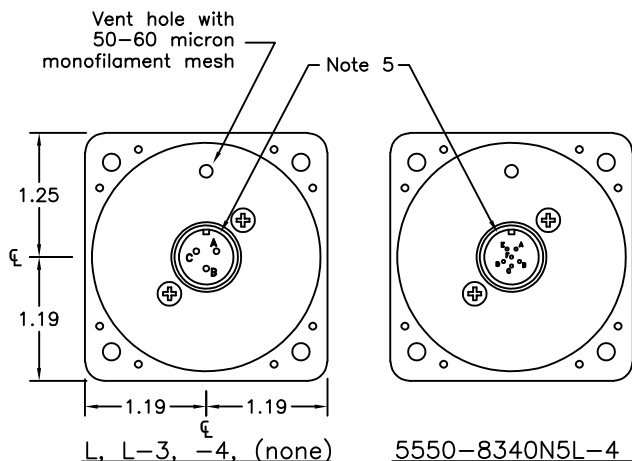


Configuration						
P/N Suffix	Assembly	Nameplate	Pinout Decal	Lighting	Glass	Deflection
L	36002-2	Note 7	7013808-2	Note 6	HEA	double
L-3	36002-3	8351-34	7013808-2	Note 6	HEA	double
L-4	36002-7	Note 8	Omit	5 volt	HEA	double
-4	36002-4	8351-34	7013808-2	none	standard	single
(none)	36002-5	8351-37	7013808-2	none	standard	single

Revisions				
ECO	Rev	Description	Date	Approved
		See obsolete drawing for revision history.		
5047	P	Redraw and update. Revise MTBF rating. Update title block.	06/13/08	BAW/Sch
7745	Q	Add L-4 configuration to meet Beech Spec 133-380028, update title block.	04/11/24	BAW/Sch



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)

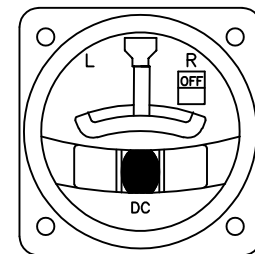
Time from full deflection to zero with no overshoot:	Min.	Max.
	2 sec	4 sec

Slip Indicator (Fluid)

Time for ball movement from -12° slip angle to +12° slip angle:	Min.	Max.
	0.2 sec	4.0 sec

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



L, L-3, -4, (none)

5550-8340N5L-4

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 or equiv; for L-4 version, mating connector is D38999/26WA35SA or equiv.
- 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 iaw Beech spec 101-380031-11)
- Nameplate for 5550-8340N5L-4: 8351-41 iaw Beech spec 133-380028-5

Pin	Signal
A	28 VDC
B	Common
C	Lighting/Reserved

Pin	Signal	Pin	Signal
A	+5 VDC Lighting	D	Power Ground
B	Lighting Ground	E	Not Used
C	+28 VDC Power	F	Not Used

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

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.
 TOLERANCE:
 .X=±0.065
 .XX=±0.015
 .XXX=±0.005
 .XXXX=±0.002
 ANGULAR=±0.5°
 WEIGHT N.T.E. +5%
 BREAK ALL SHARP EDGES
 THREADS PER MIL-S-7742

DRAWN:
S. Haines
12/23/1994

APPROVED:
JW
12/23/1994

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

SCALE: None

MidContinent
INSTRUMENTS+AVIONICS

PART NUMBER:
5550-8340N5

DO NOT SCALE THIS DRAWING

SHEET 1 of 1