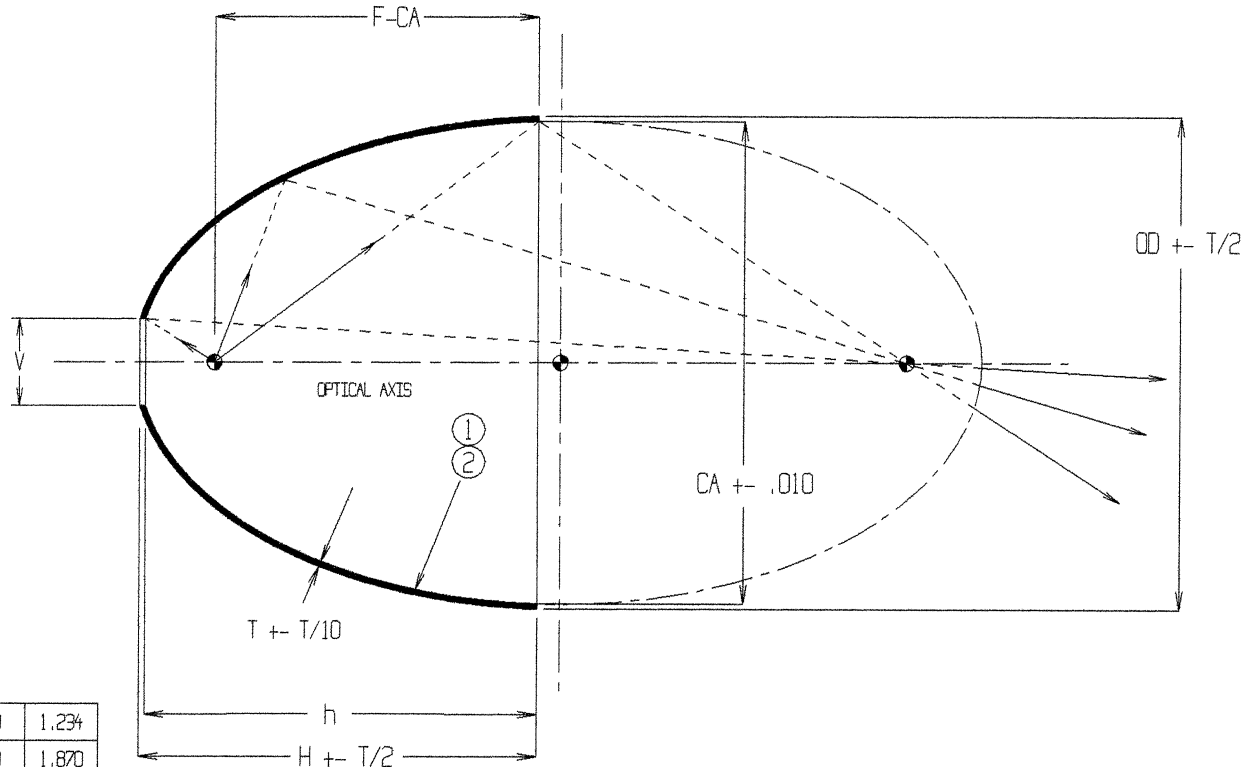


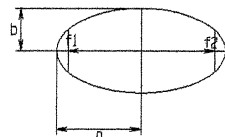
ALL CONCEPTS CONTAINED WITHIN THIS DRAWING ARE PROPRIETARY TO PHOENIX ELECTROFORMED PRODUCTS, INC.
AND MAY NOT BE CONVEYED TO THIRD PARTIES WITHOUT WRITTEN CONSENT

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



.14	.5625	2.645	2.706	1.653	1.622	.030	1.234
.13	.5625	2.782	2.842	2.294	2.262	.030	1.870
.12	1.000	2.645	2.706	1.546	1.510	.030	1.234
.11	.750	2.645	2.706	1.616	1.589	.030	1.234
.10	.625	2.645	2.706	1.643	1.610	.030	1.234
.09	.500	2.645	2.706	1.665	1.639	.030	1.234
.08	.375	2.645	2.706	1.681	1.650	.030	1.234
.07	.250	2.645	2.706	1.693	1.663	.030	1.234
.06	1.000	2.782	2.842	2.186	2.150	.030	1.870
.05	.750	2.782	2.842	2.256	2.222	.030	1.870
.04	.625	2.782	2.842	2.283	2.250	.030	1.870
.03	.500	2.782	2.842	2.304	2.273	.030	1.870
.02	.375	2.782	2.842	2.321	2.290	.030	1.870
.01	.250	2.782	2.842	2.333	2.303	.030	1.870
#	V	CA	OD	H	h	T	F-CA

- ① SURFACE FINISH 80-50 SCRATCH-DIG PER MIL-D-13830A
- ② AVAILABLE REFLECTIVE ENHANCEMENT COATINGS:
- AU ELECTRO-DEPOSITED GOLD
- AF VACUUM DEPOSITED ALUMINUM / MAGNESIUM FLUORIDE (MgF₂) OVERCOAT
- AD VACUUM DEPOSITED ALUMINUM / QUARTZ (SiO₂) OVERCOAT
- RH ELECTRO-DEPOSITED BRIGHT RHODIUM



ELLIPSE EQUATION
 $\frac{X^2}{a^2} + \frac{Y^2}{b^2} = 1$
 $a = 2.437300$
 $b = 1.392994$
 $F = .4373$
 $F1-F2 = 4.0000$

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:</small> FINISHES: .0005 .0010 .0015 .0020 .0030 .0050 .0100 <small>INCHES: .0005 .0010 .0015 .0020 .0030 .0050 .0100</small>		MATRIX: ELECTROFORMED NICKEL		PHOENIX ELECTROFORMED PRODUCTS, INC.	
FINISH: 63 ✓ <small>UNLESS OTHERWISE SPECIFIED</small>		CONTRACT NO.			
<small>DO NOT SCALE DRAWING</small>		APPROVALS: _____ DATE: _____ DRAWN: LB DATE: 5-5-08 CHECKED: _____ ENGR: _____ DESIGN ACTIVITY: _____		TITLE: ELLIPTICAL REFLECTOR EL2	
		SIZE: _____ CASE CODE: _____ DWG NO: EL2 SCALE: _____ SHEET: _____			