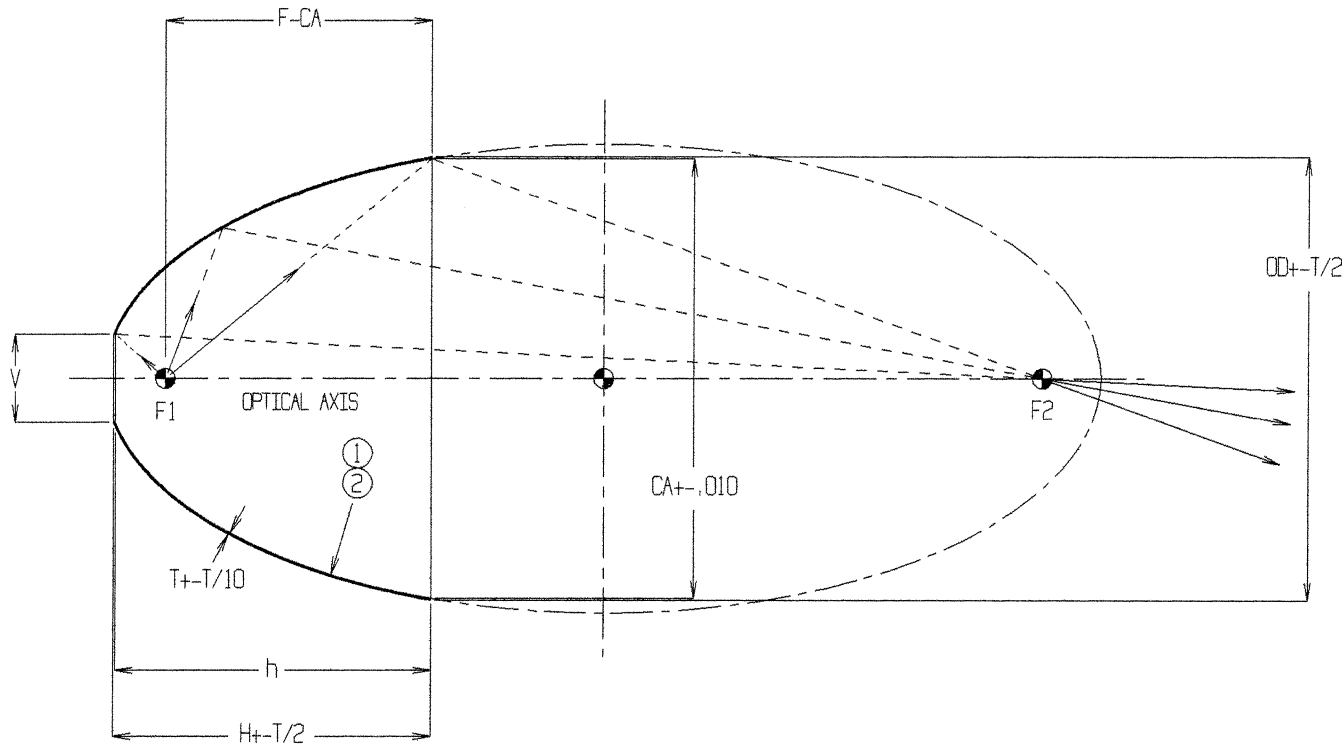


ALL CONCEPTS CONTAINED WITHIN THIS DRAWING ARE PROPRIETARY TO PHOENIX ELECTROFORMED PRODUCTS, INC.  
AND MAY NOT BE CONVEYED TO THIRD PARTIES WITHOUT WRITTEN CONSENT

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



.10	2.750	10.000	10.081	7.052	7.006	.040	6.056
.09	2.500	10.000	10.081	7.119	7.074	.040	6.056
.08	2.250	10.000	10.081	7.178	7.135	.040	6.056
.07	2.000	10.000	10.081	7.232	7.189	.040	6.056
.06	1.850	10.000	10.081	7.260	7.218	.040	6.056
.05	2.250	9.600	9.682	6.182	6.138	.040	5.060
.04	2.500	9.300	9.383	5.512	5.467	.040	4.450
.03	2.400	9.300	9.383	5.537	5.492	.040	4.450
.02	2.250	9.300	9.383	5.572	5.528	.040	4.450
.01	2.000	8.830	8.914	4.817	4.774	.040	3.642
#	V	CA	OD	H	h	T	F-CA

① SURFACE FINISH 80-50 SCRATCH-DIG PER MIL-D-13830A

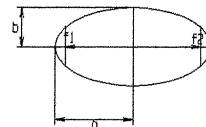
② AVAILABLE REFLECTIVE ENHANCEMENT COATINGS:

AL2 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  

$$\frac{X^2}{a^2} + \frac{Y^2}{b^2} = 1$$

$$a=11.33333$$

$$b=5.33333$$

$$F=1.33333$$

$$F1-F2=20.0000$$

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
FRACTIONS DECIMALS ANGLES  
XX .1/16 XXX .005 .005

FINISH B3 ✓  
UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

MATERIAL ELECTROFORMED  
NICKEL

CONTRACT NO.

APPROVALS DATE

DRAWN LB 5-22-08

CHECKED

ENGR DESIGN ACTIVITY

**PHOENIX**  
ELECTROFORMED PRODUCTS, INC.

TITLE ELLIPTICAL REFLECTOR

ELS

SIZE CAGE CODE DWG NO ELS

SCALE SHEET