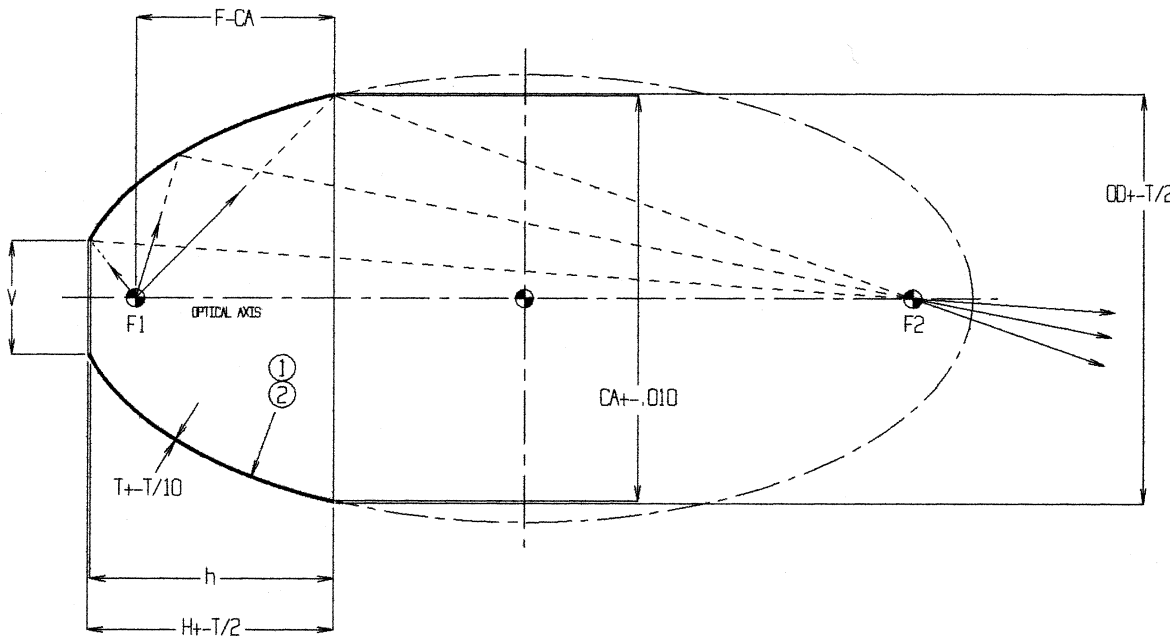


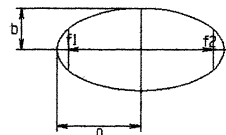
ALL CONCEPTS CONTAINED WITHIN THIS DRAWING ARE PROPRIETARY TO PHOENIX ELECTROFORMED PRODUCTS, INC.
AND MAY NOT BE CONVEYED TO THIRD PARTIES WITHOUT WRITTEN CONSENT

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



- ① SURFACE FINISH 80-50 SCRATCH-DIG PER MIL-D-13830A
- ② AVAILABLE REFLECTIVE ENHANCEMENT COATINGS:
 - AU1 VACUUM DEPOSITED GOLD
 - AU2 ELECTRO-DEPOSITED GOLD
 - AG VACUUM DEPOSITED SILVER
 - AF VACUUM DEPOSITED ALUMINUM / MAGNESIUM FLUORIDE (MgF2) OVERCOAT
 - AD VACUUM DEPOSITED ALUMINUM / QUARTZ (SiO2) OVERCOAT
 - DCC DICHROIC COLO COATING
 - RH ELECTRO-DEPOSITED BRIGHT RHODIUM

.9	1.750	6.000	6.091	2.221	2.178	.040	1.173
.8	2.250	6.000	6.091	2.107	2.062	.040	1.173
.7	2.250	7.325	7.409	3.654	3.609	.040	2.720
.6	1.250	8.000	8.082	5.045	5.009	.040	3.911
.5	1.250	6.000	6.091	2.306	2.265	.040	1.173
.4	2.250	8.000	8.082	4.845	4.800	.040	3.911
.3	1.250	7.325	7.409	3.854	3.812	.040	2.720
.2	2.000	8.000	8.082	4.906	4.862	.040	3.911
.1	1.750	8.000	8.082	4.960	4.917	.040	3.911
#	V	CA	OD	H	h	T	F-CA



ELLIPSE EQUATION

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$$

$$a = 8.8583$$

$$b = 4.4193$$

$$F = 1.1811$$

$$F1-F2 = 15.3544$$

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
 FINISHES: .0015" SURF. .0015" SURF.
 W-1/16" SURF. .0015" SURF.

CONTRACT NO.	LSSN	PHOENIX ELECTROFORMED PRODUCTS, INC.	
TITLE	ELLIPTICAL REFLECTOR		
APPROVALS	DATE	SIZE	DWG NO.
DRAWN LB	5-20-09	EL4	EL4
CHECKED	DESIGN ACTIVITY	SCALE	SHEET
DO NOT SCALE DRAWING			

6