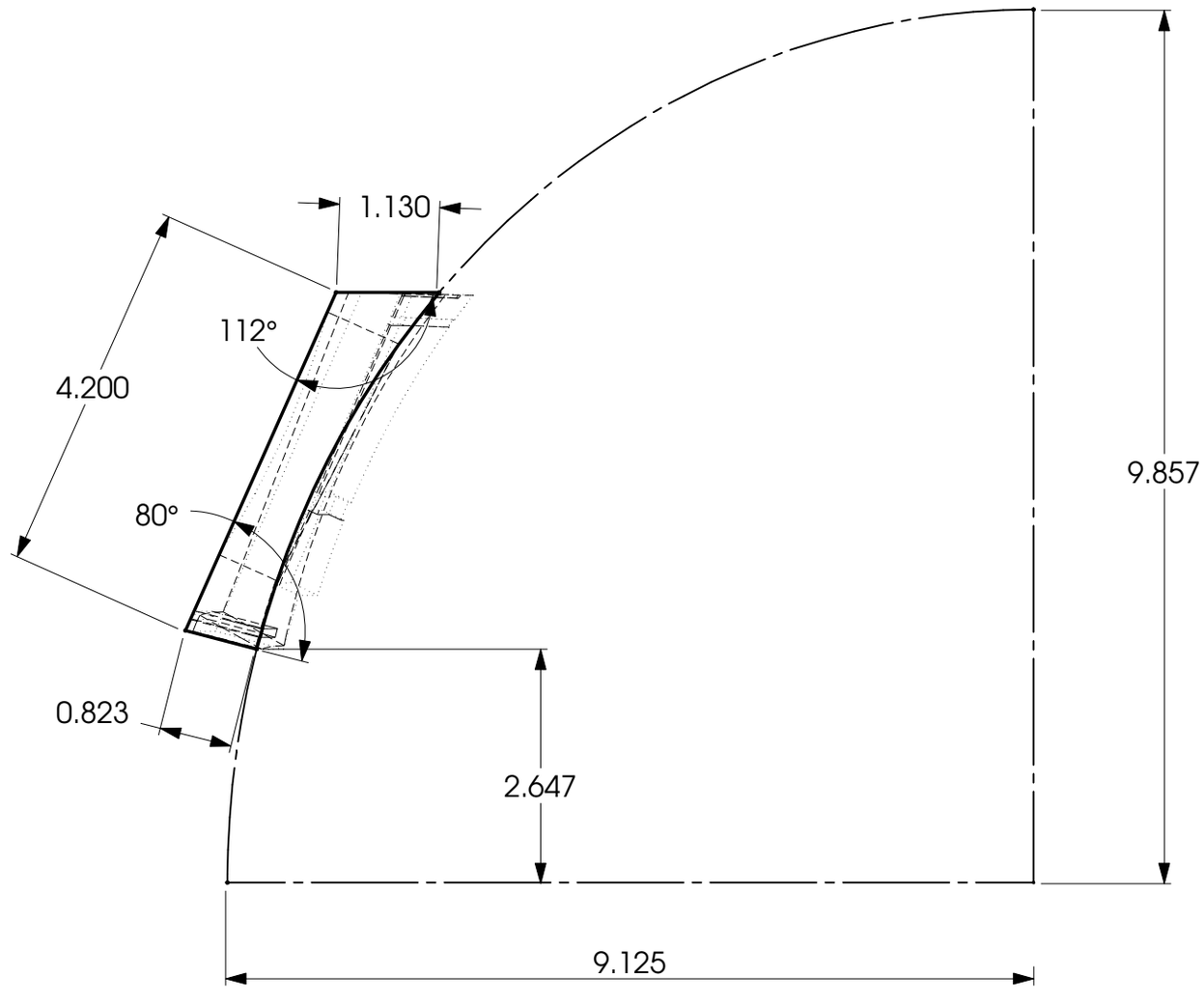
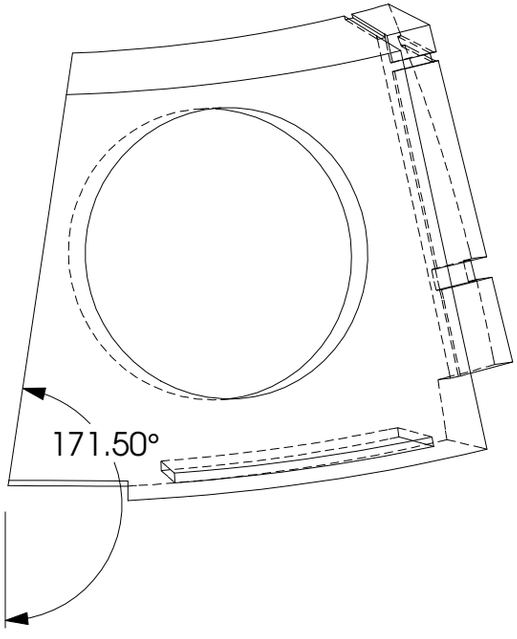


Radar Eye Main Body defined by this profile sweep:

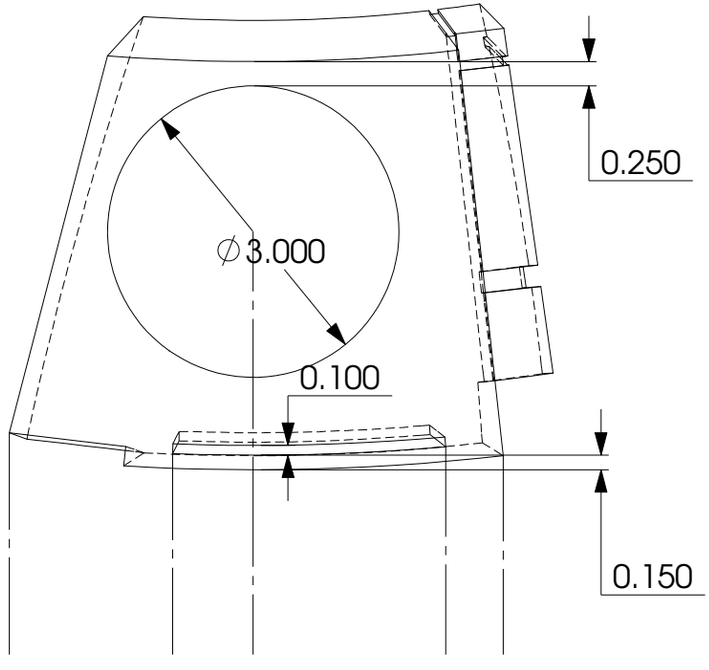
- Inner surface: ellipsoid, 9.125 short H axis, 9.857" long V axis
- Outer surface: conical (generator is 24.09 degrees from vertical)

Profile then swept 31.315 degrees around vertical axis

MATERIAL: ALUMINIUM	CURIOUSMARC'S R2-D2		
DIMENSIONS IN INCHES UNLESS SPECIFIED OTHERWISE	RADAR EYE MAIN PROFILE SWEEP		
DRAWN BY: Marc Verdiell			
DATE: 04/09/2011	REV.: A	CAD FILE: Radar Eye.sldprt	SHEET 1 OF 5

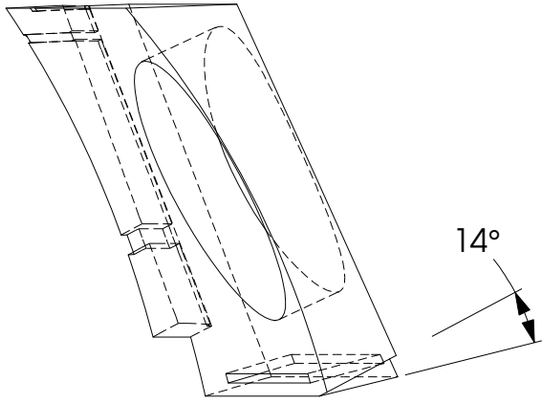


Left Side trimmed from base sweep
at 8.5° angle from vertical

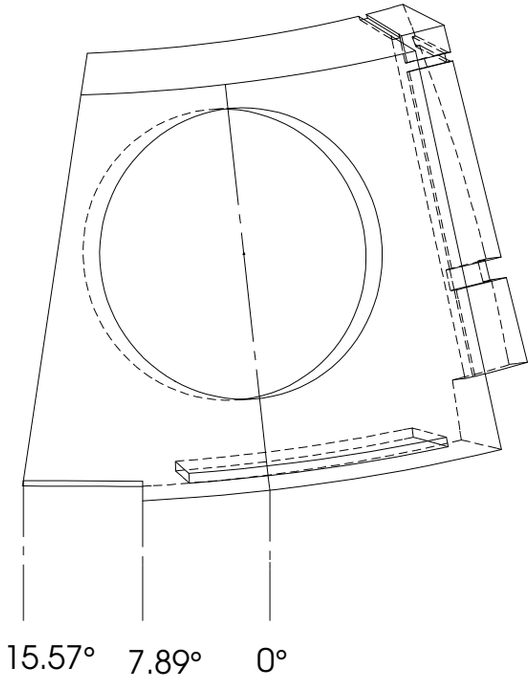


Slot is a sweep cut
from -5° to + 10°
Cut parallel to base face

MATERIAL ALUMINIUM	CURIOUSMARC'S R2-D2
DIMENSIONS IN INCHES UNLESS SPECIFIED OTHERWISE	RADAR EYE FRONT FACE LENS OPENING LEFT SIDE CUT AND SLOT
DRAWN BY Marc Verdiell	
DATE 04/09/2011	REV. A · CAD FILE: Radar Eye.SLDPRT · SHEET 2 OF 5

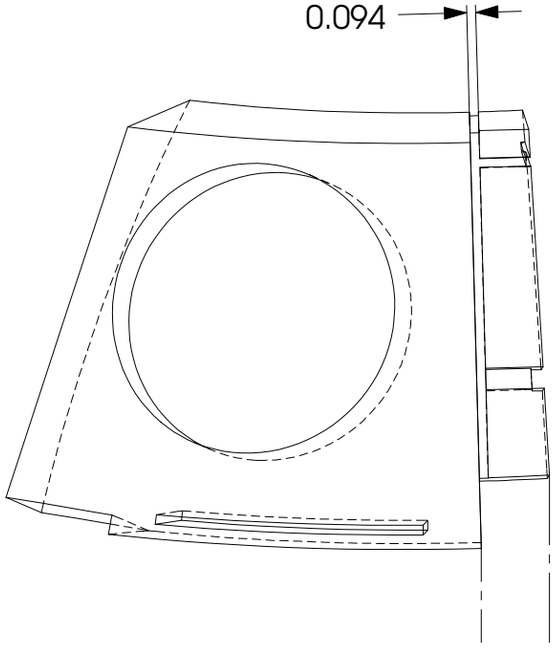


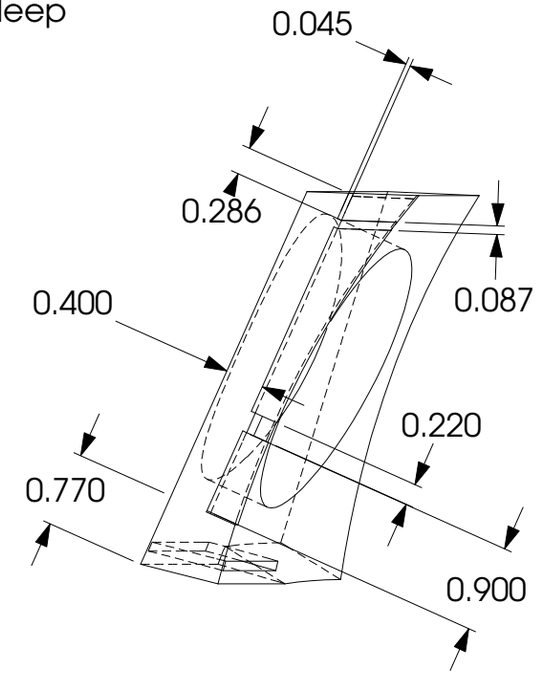
Left Side Cut from 7.89° to 15.57°
Remove a 14° wedge



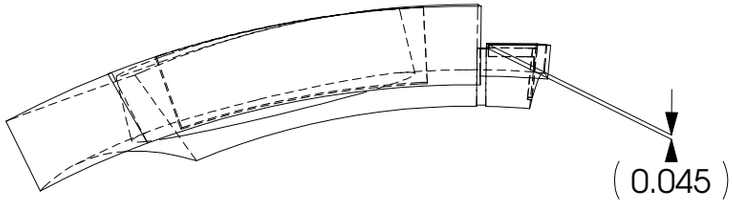
MATERIAL: ALUMINIUM	CURIOUSMARC'S R2-D2
DIMENSIONS IN INCHES UNLESS SPECIFIED OTHERWISE	RADAR EYE BOTTOM WEDGE DETAIL
DRAWN BY: Marc Verdiell	
DATE: 04/09/2011	REV. A / CAD FILE: Radar Eye.SLDPRT / SHEET 3 OF 5

Narrow channel is 0.045" deep
Large channel is 0.125" deep

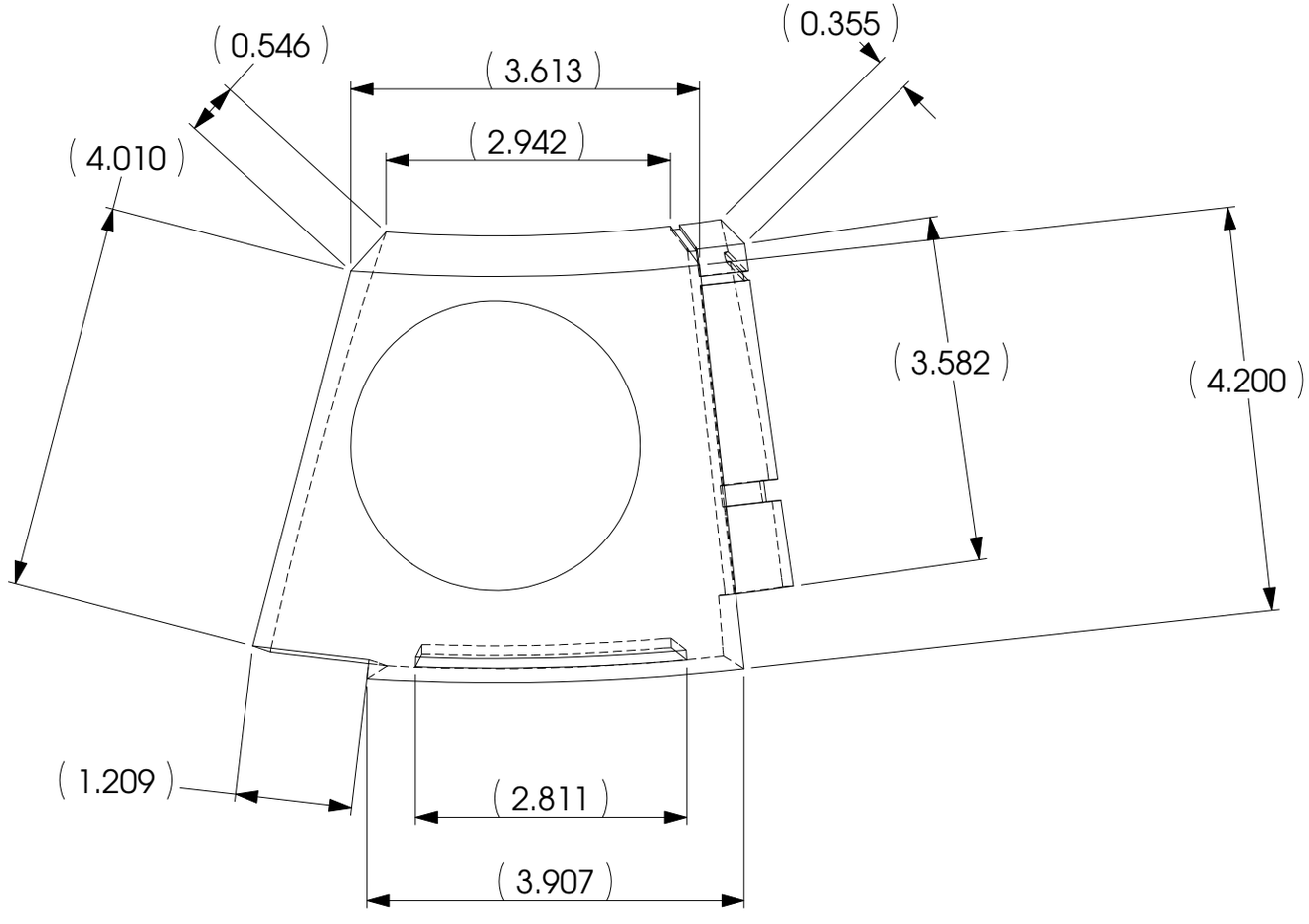




Right side shelf is built on a 4.65° extra sweep of the original profile. Face of shelf is milled flat 0.4" from top surface.



MATERIAL: ALUMINIUM	CURIOUSMARC'S R2-D2
DIMENSIONS IN INCHES UNLESS SPECIFIED OTHERWISE	RADAR EYE SIDE SHELF
DRAWN BY: Marc Verdiell	
DATE: 04/09/2011	REV. A
CAD FILE: Radar Eye.SLDPRT	SHEET 4 OF 5



LINEAR DIMENSIONS FOR INFO ONLY
REFER TO PREVIOUS SHEETS FOR ANGULAR
AND IN-PLANE DIMENSIONS

MATERIAL: ALUMINIUM	CURIOUSMARC'S R2-D2
DIMENSIONS IN INCHES UNLESS SPECIFIED OTHERWISE	RADAR EYE LINEAR DIMENSIONS
DRAWN BY: Marc Verdiell	
DATE: 04/09/2011	REV. A | CAD FILE: Radar Eye.SLDPRT | SHEET 5 OF 5