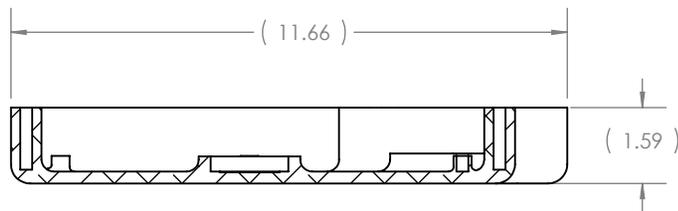


TOP VIEW
SCALE 1:4

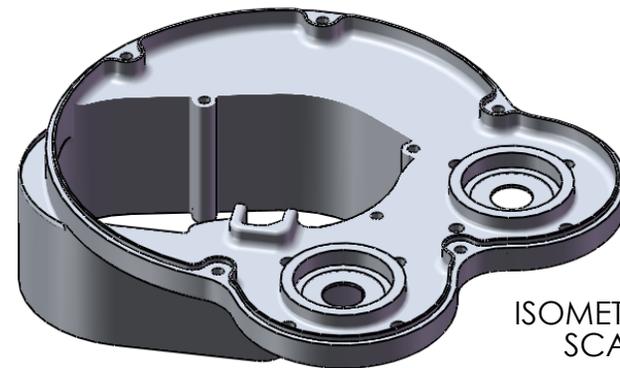
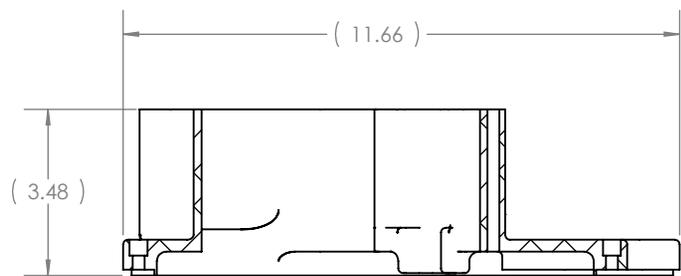
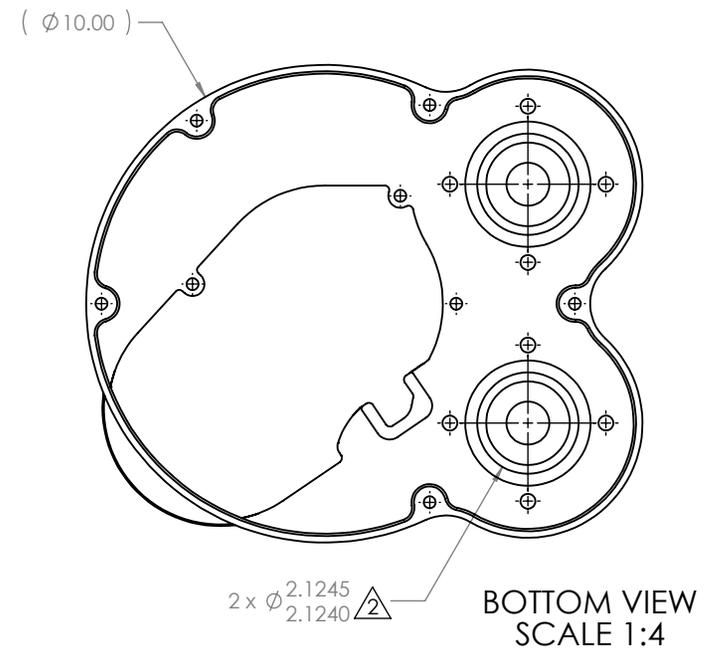
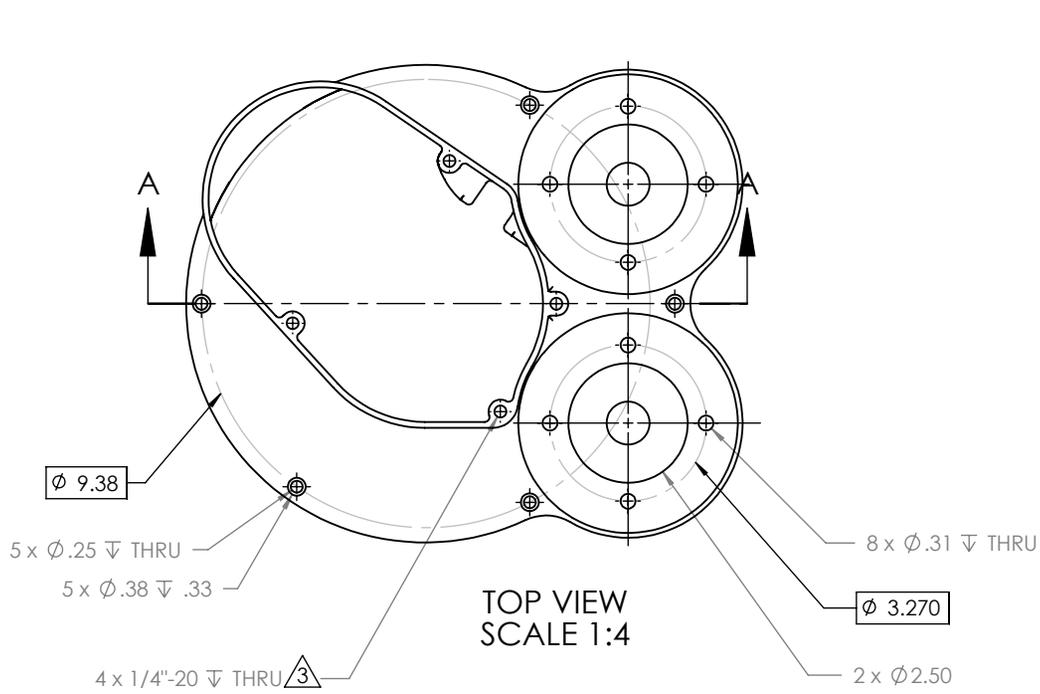


ISOMETRIC VIEW
SCALE 1:4

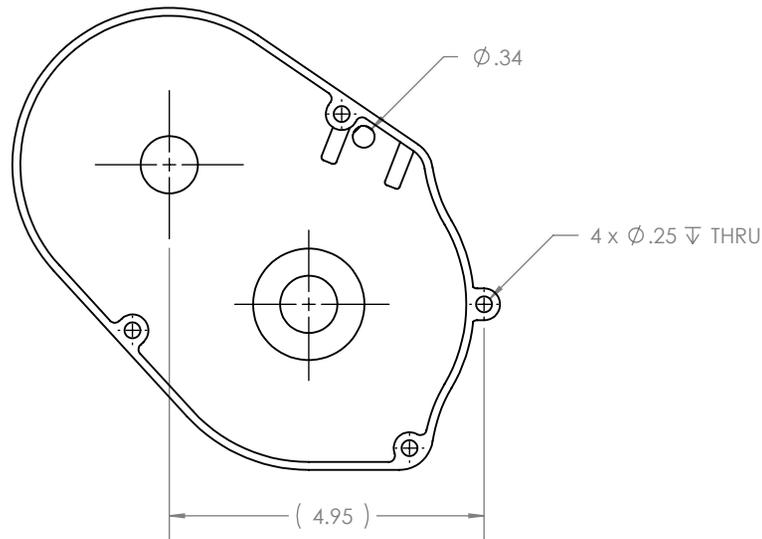


SECTION A-A
SCALE 1:4

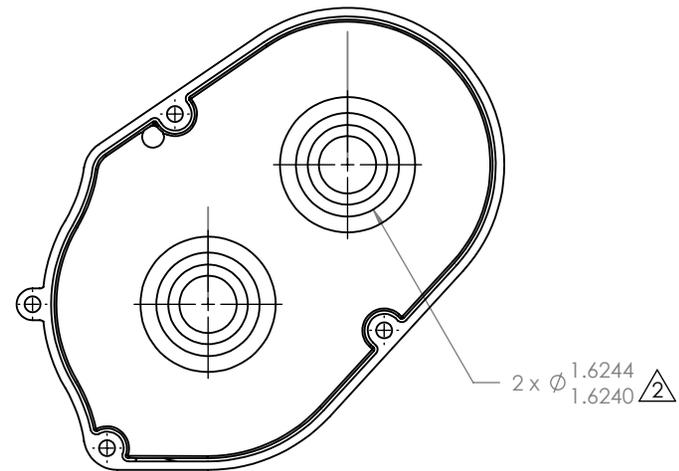
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: ONE PLACE DECIMAL ±0.05 TWO PLACE DECIMAL ±0.01 THREE PLACE DECIMAL ±0.005 MATERIAL Aluminum Alloy 7050 FINISH As Machined DO NOT SCALE DRAWING	DRAWN	NAME Andrew J. Zakrajsek	DATE 7/5/08	NASA Glenn Research Center Project: Chariot Gear Box Part: Upper Lid
	CHECKED	Steve W. Bauman	7/1/08	
NOTES: 1. Quantity 2 2. Dimensioning allows for a slight interference fit between bearing and housing. Bearing is acquired from McMaster Carr Part # 3760T5 3. Same note as 2. Part # 3760T8 4. Part to be manufactured by using CAD model.				SIZE A
			DWG. NO. 001UPPERLID	REV.
SCALE: 1:4			SHEET 1 OF 5	



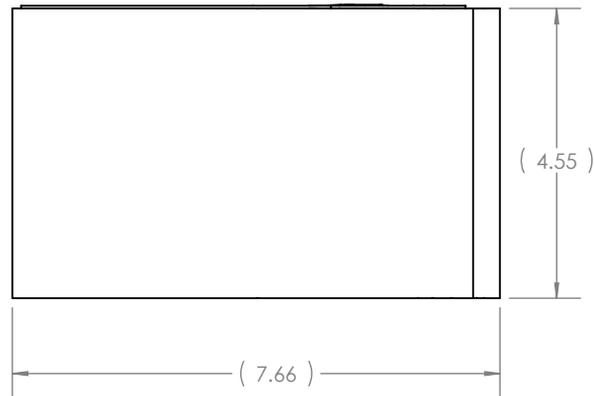
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: ONE PLACE DECIMAL \pm 0.05 TWO PLACE DECIMAL \pm 0.01 THREE PLACE DECIMAL \pm 0.005 MATERIAL Aluminum Alloy 7050 FINISH As Machined DO NOT SCALE DRAWING	DRAWN	Andrew J. Zakrajsek	DATE 7/5/08	NASA Glenn Research Center Project: Chariot Gear Box Part: Case 1
	CHECKED	Steve W. Bauman	7/7/08	
NOTES: 1. Quantity 2 2. Dimensioning allows for a slight interference fit between bearing and housing. Bearing is acquired from McMaster Carr Part # 3760T8 3. Make Threads Start from bottom of THRU hole and go up 1" 4. Part to be manufactured by using CAD model.				SIZE A
			DWG. NO. 001CASE1	REV.
SCALE: 1:4			SHEET 2 OF 5	



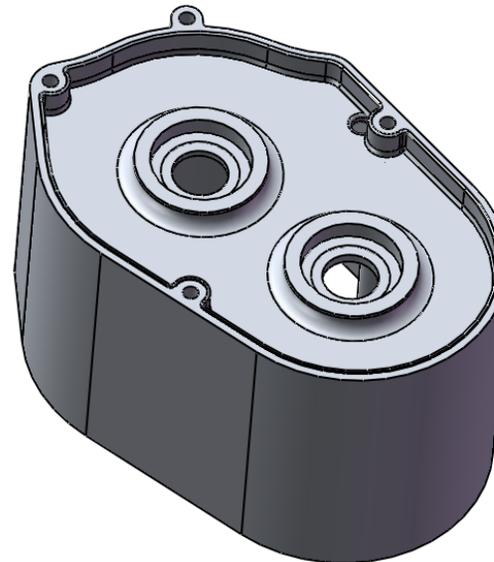
TOP VIEW
SCALE 1:3



BOTTOM VIEW
SCALE 1:3



SIDE VIEW
SCALE 1:3



ISOMETRIC VIEW
SCALE 1:3

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

TOLERANCES:
ONE PLACE DECIMAL ± 0.05
TWO PLACE DECIMAL ± 0.01
THREE PLACE DECIMAL ± 0.005

MATERIAL
Aluminum Alloy 7050

FINISH
As Machined

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	Andrew J. Zakrajsek	7/5/08
CHECKED	Steve W. Bauman	7/7/08

- NOTES:
- Quantity 2
 - Dimensioning allows for a slight interference fit between bearing and housing. Bearing is acquired from McMaster Carr Part # 376015
 - Part to be manufactured by using CAD model.

NASA Glenn Research Center

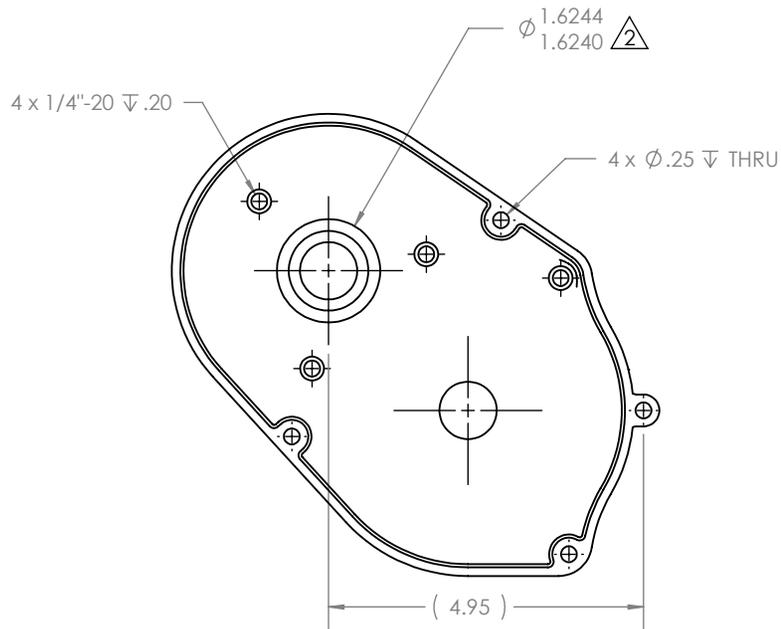
Project: Chariot Gear Box

Part: Case 2

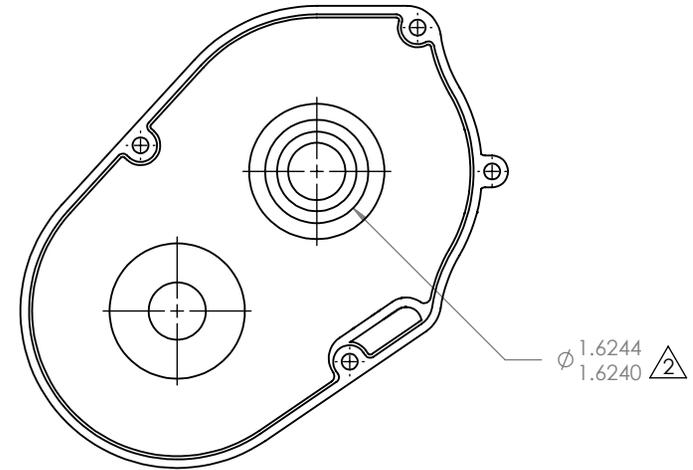
SIZE	DWG. NO.	REV.
A	001CASE2	

SCALE: 1:3

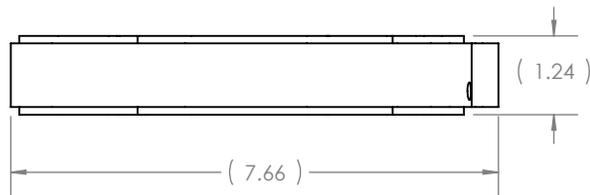
SHEET 3 OF 5



TOP VIEW
SCALE 1:3



BOTTOM VIEW
SCALE 1:3

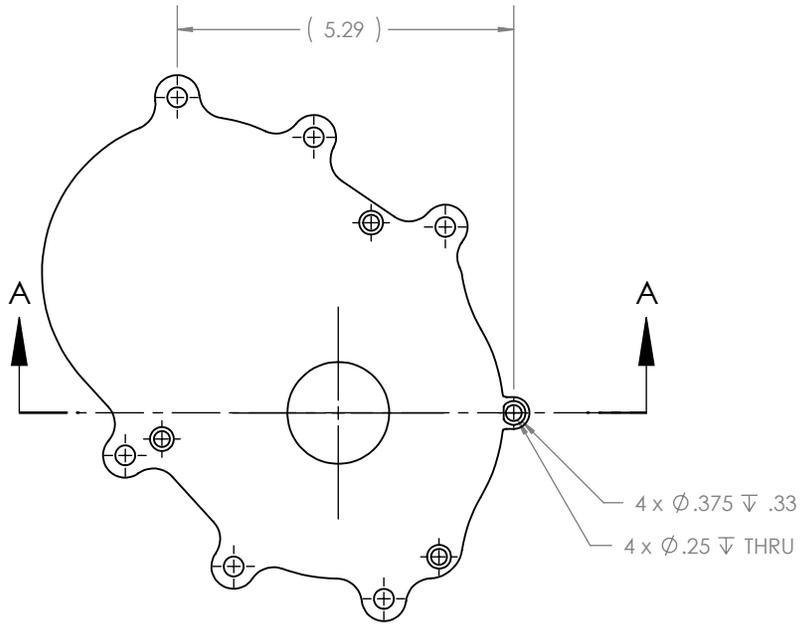


SIDE VIEW
SCALE 1:3

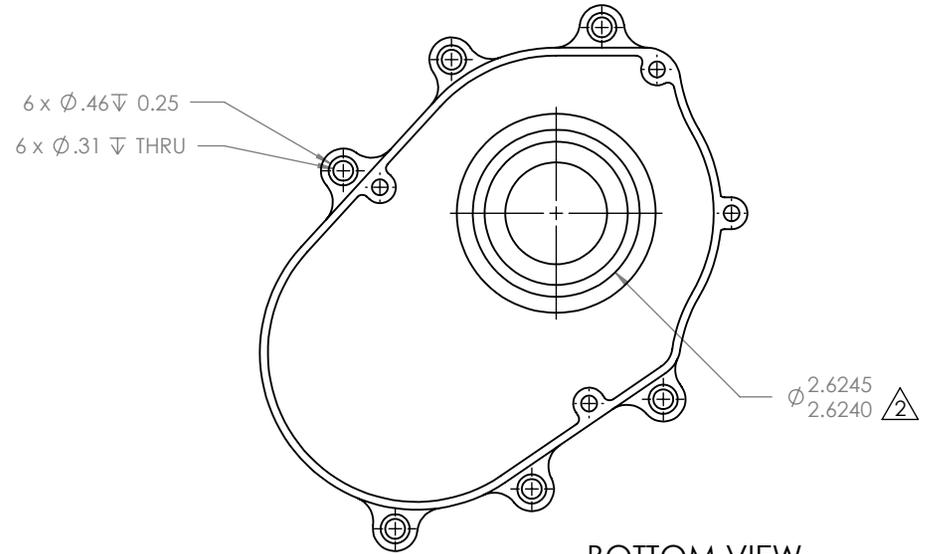


ISOMETRIC VIEW
SCALE 1:3

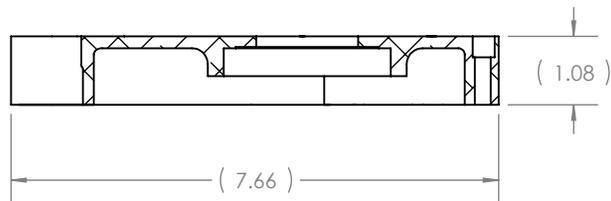
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: ONE PLACE DECIMAL ±0.05 TWO PLACE DECIMAL ±0.01 THREE PLACE DECIMAL ±0.005 MATERIAL Aluminum Alloy 7050 FINISH As Machined DO NOT SCALE DRAWING	DRAWN	NAME Andrew J. Zakrajsek	DATE 7/5/08	NASA Glenn Research Center Project: Chariot Gear Box Part: Case 3
	CHECKED	Steve W. Bauman	7/7/08	
	NOTES: 1. Quantity 2 2. Dimensioning allows for a slight interference fit between bearing and housing. Bearing is acquired from McMaster Carr Part # 3760T5 3. Part to be manufactured by using CAD model.			SIZE A
		DWG. NO. 001CASE3	REV.	SCALE: 1:3
				SHEET 4 OF 5



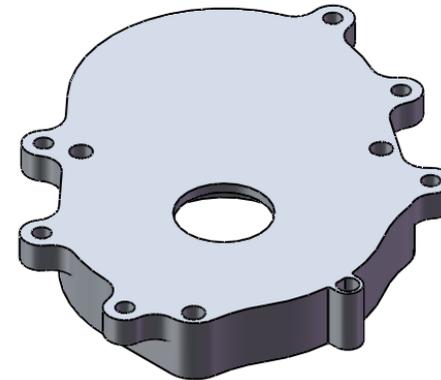
TOP VIEW
SCALE 1 : 3



BOTTOM VIEW
SCALE 1 : 3



SECTION A-A
SCALE 1 : 3



ISOMETRIC VIEW
SCALE 1 : 3

UNLESS OTHERWISE SPECIFIED:	DRAWN	Andrew J. Zakrajsek	7/5/08	NASA Glenn Research Center		
	CHECKED	Steve W. Bauman	7/7/08			
DIMENSIONS ARE IN INCHES				Project: Chariot Gear Box		
TOLERANCES:				Part: Case 4		
ONE PLACE DECIMAL ±0.05				SIZE	DWG. NO.	REV.
TWO PLACE DECIMAL ±0.01				A	001CASE4	
THREE PLACE DECIMAL ±0.005				SCALE: 1:3		
MATERIAL				SHEET 5 OF 5		
Aluminum Alloy 7050						
FINISH						
As Machined						
DO NOT SCALE DRAWING						
NOTES:						
1. Quantity 2						
2. Dimensioning allows for a slight interference fit between bearing and housing. Bearing is acquired from McMaster Carr Part # 60355K24						
3. Part to be manufactured by using CAD model.						