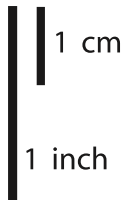




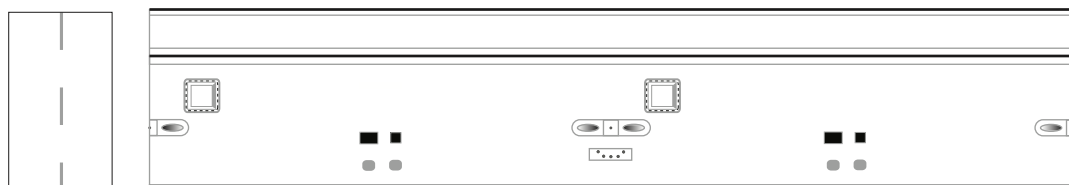
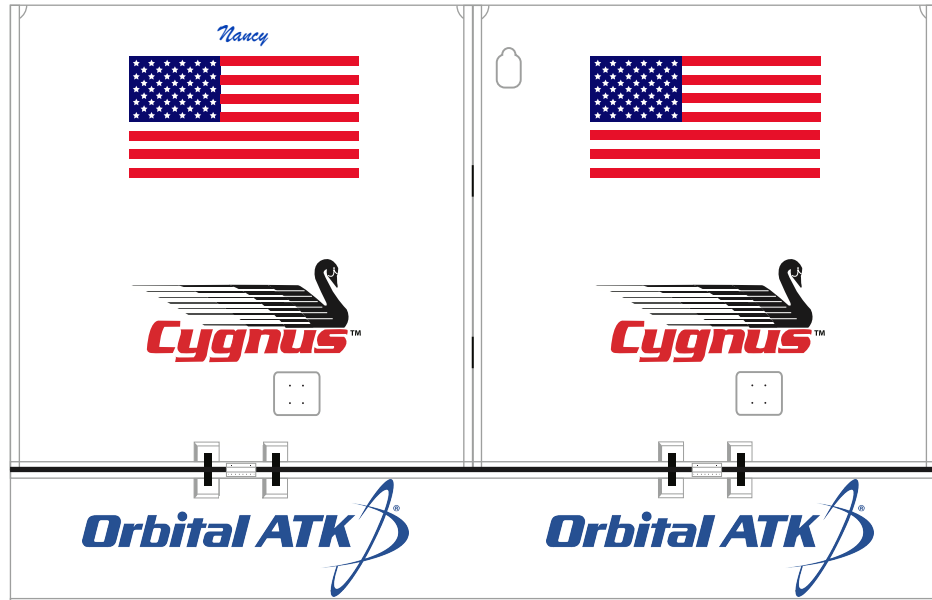
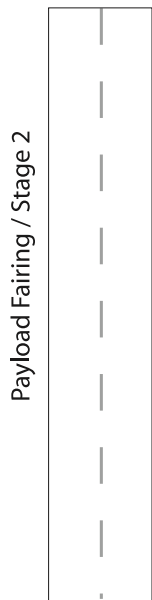
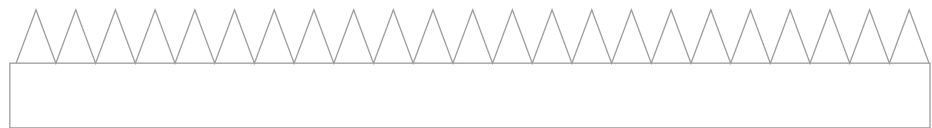
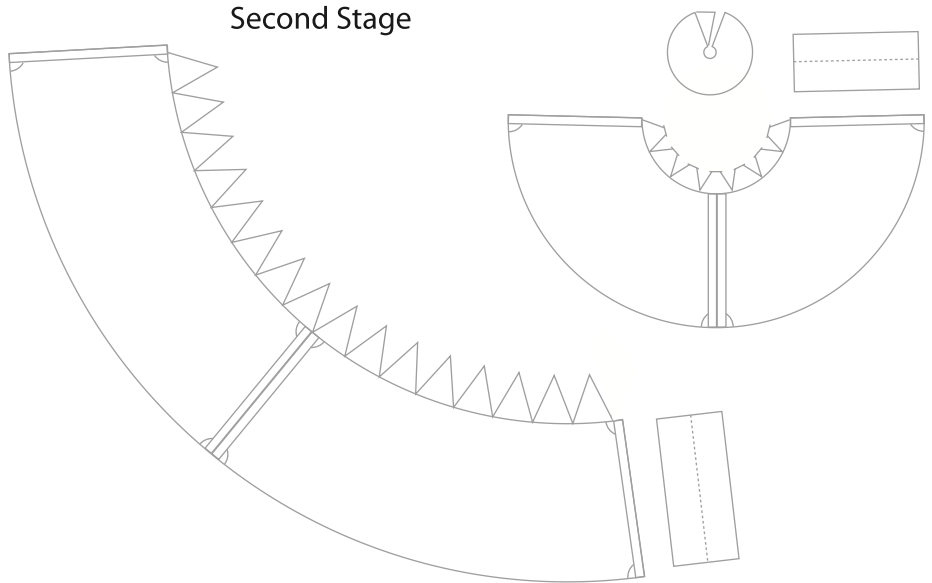
1:100 Scale



# Orbital ATK "ANTARES" / Cygnus

New Payload Fairing for Extended  
Second Stage

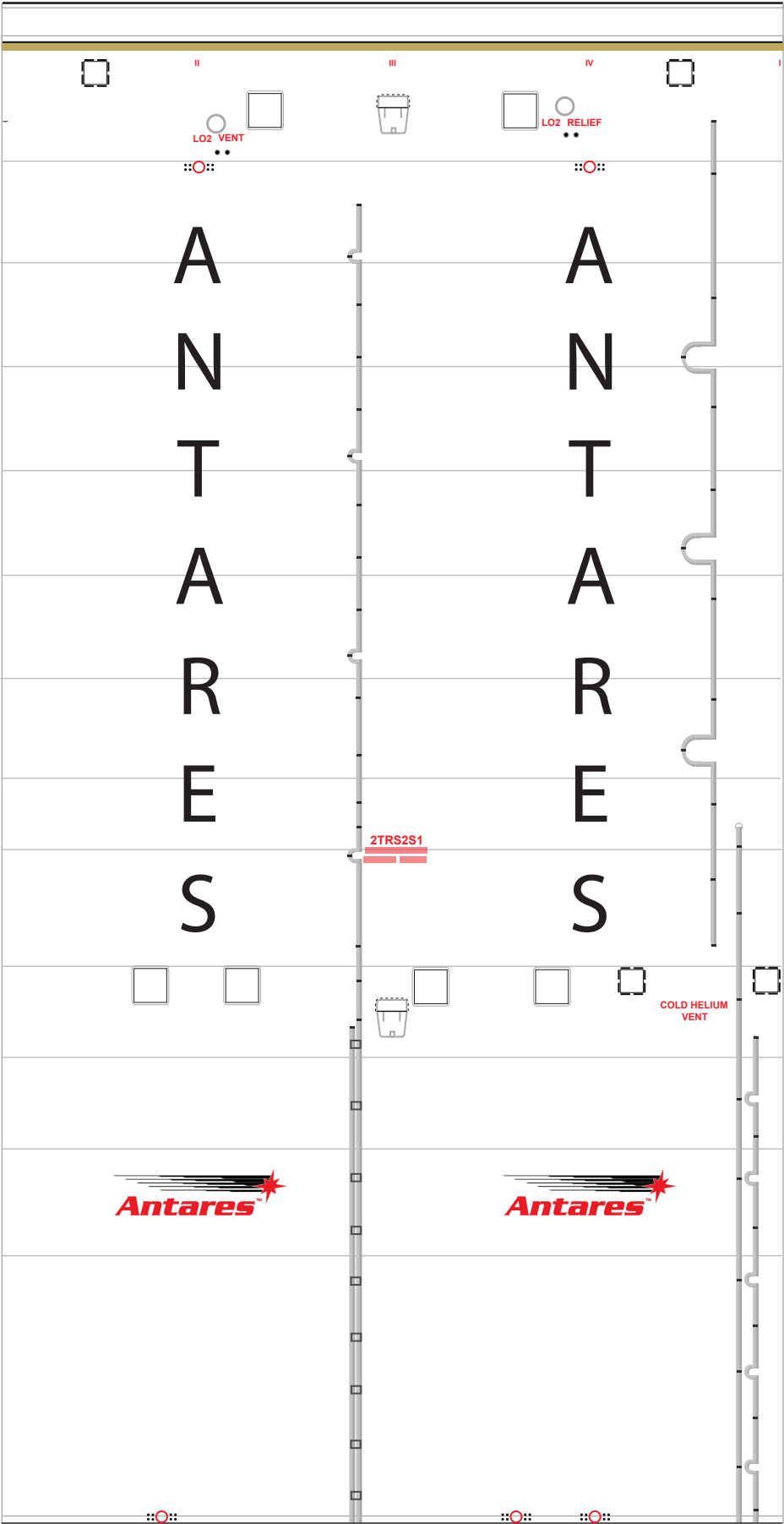
Print on Cardstock (110 lbs)





1:100 Scale

ANTARES New Stage 1





# Orbital ATK "ANTARES"

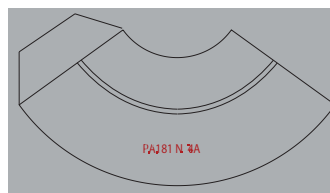
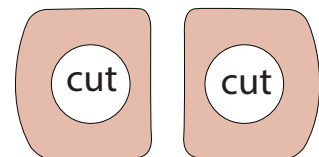
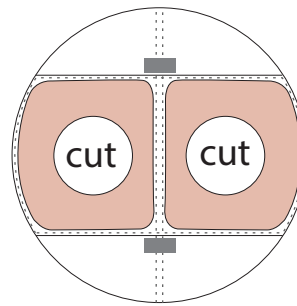
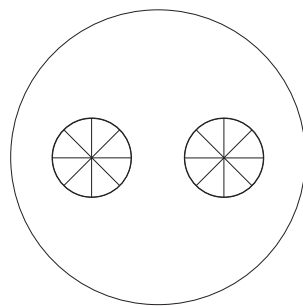
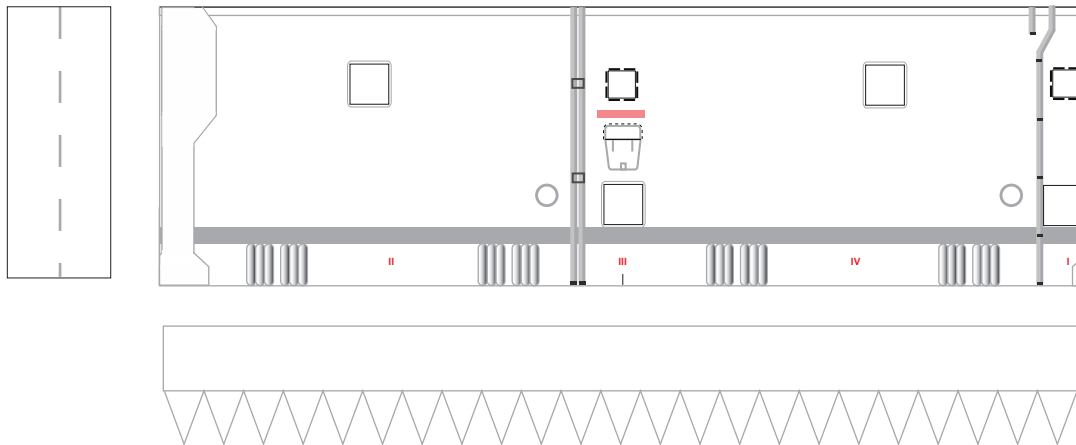
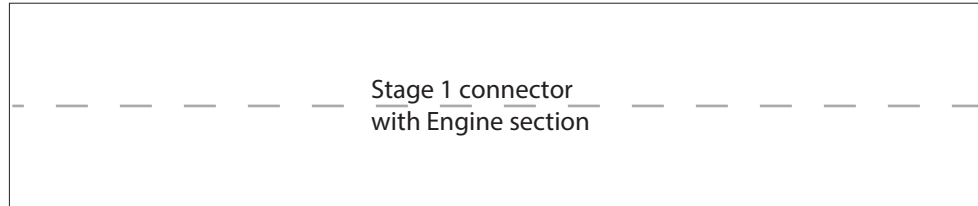
Print on Cardstock (110 lbs)

1 cm

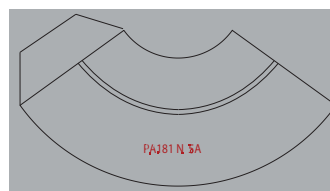
1 inch

## Engine section

1:100 Scale



RD-181  
Engines





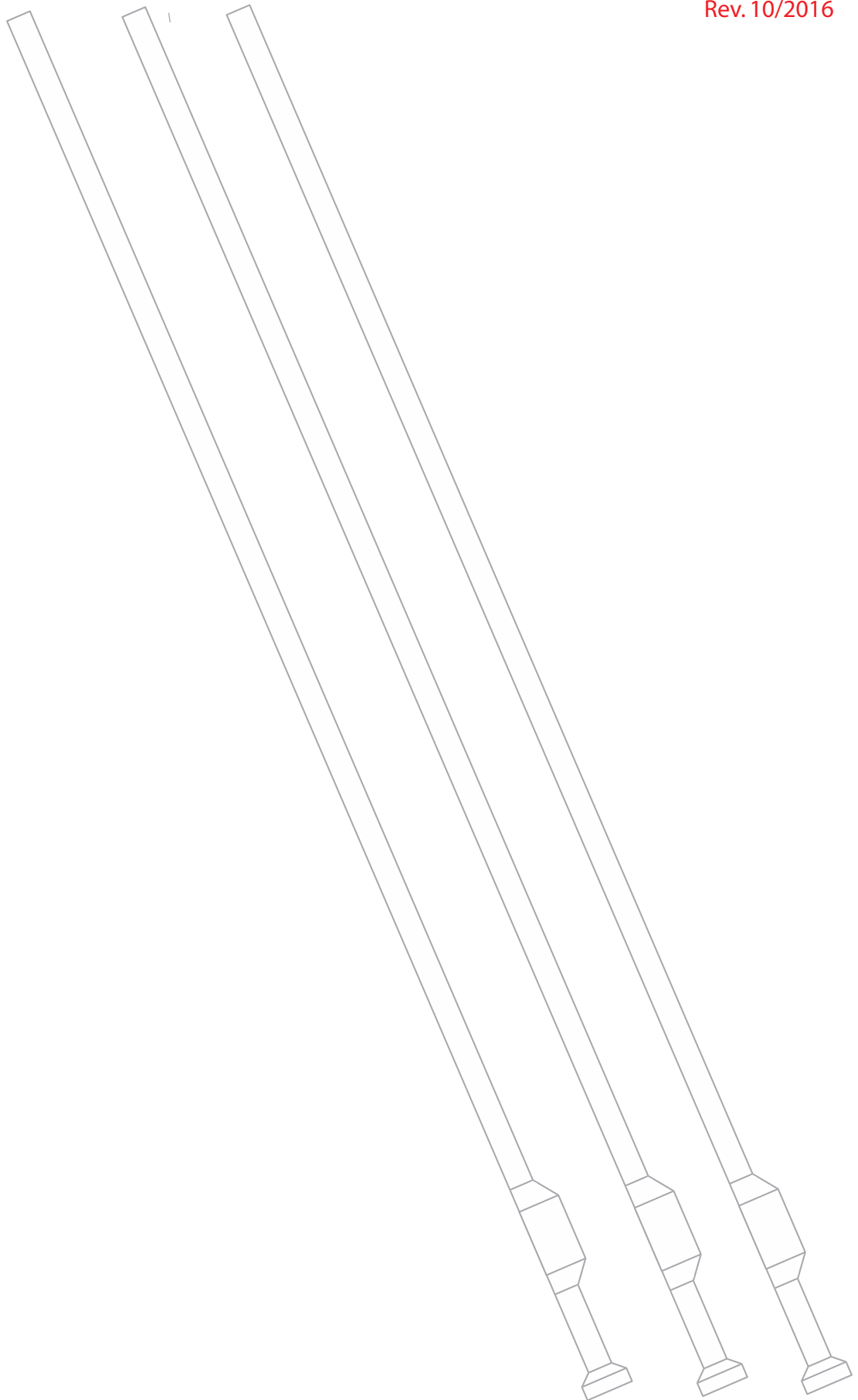
# Orbital ATK "ANTARES" / Cygnus

Print on Cardstock (110 lbs)

Rev. 10/2016



1:100 Scale





# CYGNUS Cargo Vessel Castor 30 XL

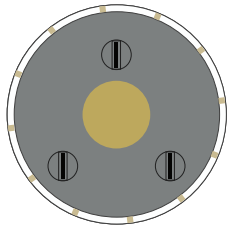
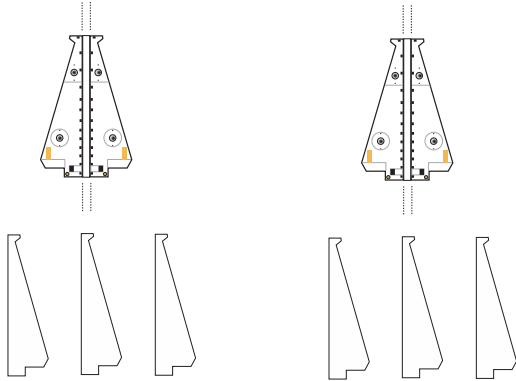
Print on Cardstock (90 lbs)

Launch Configuration package

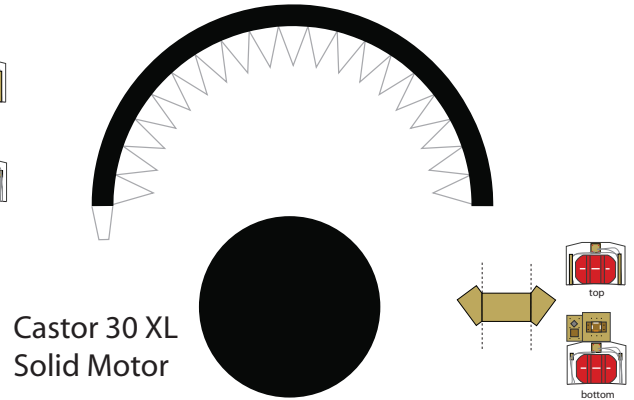
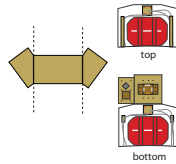


1:100 Scale

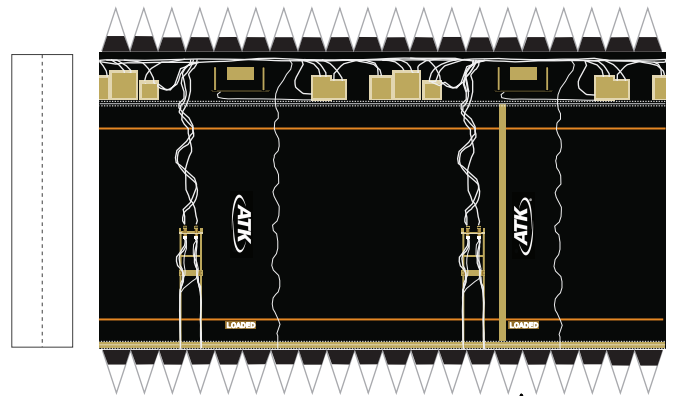
Solar Arrays  
Launch configuration



Launch Configuration only:  
Replace the bottom of the  
Cygnus model with this part  
and don't install engine  
nozzle and Grapple fixture.

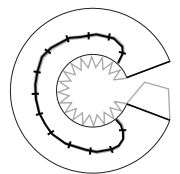
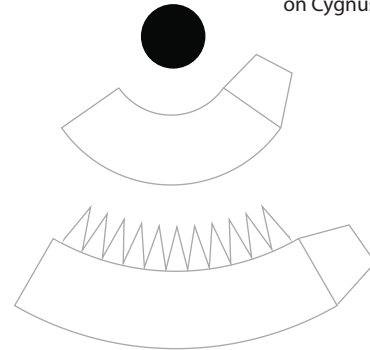
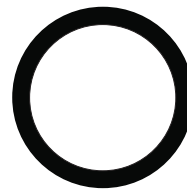
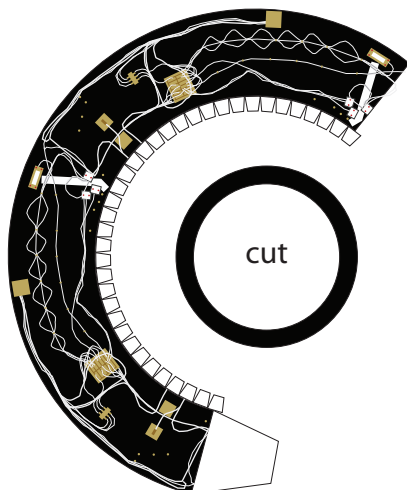


Castor 30 XL  
Solid Motor



This side needs to  
align with the logos  
on Cygnus

Motor Cone



inner ring to support Motor cone

inner ring to support Motor cone



1 cm

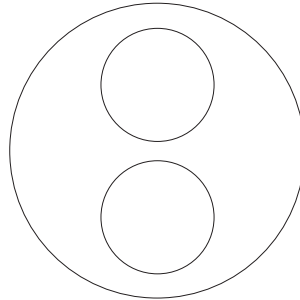
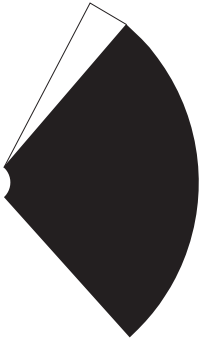
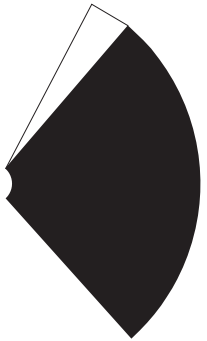
1 inch

**Orbital "ANTARES" / Cygnus**

Print on Cardstock (110 lbs)

## Base Template

(use foam board and glue stand cones)



[www.axmpaperspacescalemodels.com](http://www.axmpaperspacescalemodels.com)

1:100 Scale