Glue inner ring and inner supports along dashed lines.
Glue inner ring and inner supports along dashed lines.
MMS

1:16 Scale

ring support

interior support

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Print on Cardstock (110 lbs)

Upper and Lower deck
Internal Supports

Print X 2
MMS
Spacecraft top

1:16 Scale

Print on Cardstock (110 lbs)
(Glossy or Photo Paper)
MMS
Observatory No. 1 (Gold)
Thrust Tube

1:16 Scale
White line indicates where to glue the thrust tube divider that has the small black box (-X and +X)
1:16 Scale

Orbital Debri Panels for upper section of thrust tube

Orbital Debri Panels for bottom section of thrust tube
Bay 3

Both are glued together to make one piece

Bay 7

Both are glued together to make one piece
MMS

Spacecraft Deck Instruments (Lower deck)

1:16 Scale

Battery

Battery's red cover (optional)

Navigator

PSEES

USO

Star Sensors

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MMS

Instrument Deck components (Upper deck)

1:16 Scale

- CEB
- CIDP
- IDPU
- AEB

DES Platform

DIS Platform
MMS

Instrument Deck components
(Upper deck)

1:16 Scale

Print on Cardstock (90 lbs)

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MMS

Instrument Deck components
(Upper deck)

1:16 Scale

SDP

ASPOC
1:16 Scale

MMS Instrument Deck components (Upper deck)

EDI
HPCA
FEEPS
EIS
MMS

MMS Thrusters

1:16 Scale

Upper Thrusters

Lower Thrusters

Fill/Drain Valve and Fairing Access Connectors
(Bottom of Spacecraft Deck)
MMS
Observatory No. 4 (Purple)
Thrust Tube

1:16 Scale
1:16 Scale

MMS

Print on Cardstock (90 lbs)
S-Band and GPS Bands

1 cm
1 inch

S-Band
Instrument Spacecraft Deck (Upper)

Top

S-Band
Bottom of Spacecraft Deck (Lower)

Top

Color strips to cover edge of Upper Deck
1:16 Scale

MMS

Thrust tube rings

Cut

Cut

Print on Cardstock (110 lbs)

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MMS

Thrust tube rings

1:16 Scale

Cut

Cut

1 cm

1 inch

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MMS

Thrust tube rings

1:16 Scale

Cut

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MMS Display Stand

Use these templates on foam board 5 mm in width