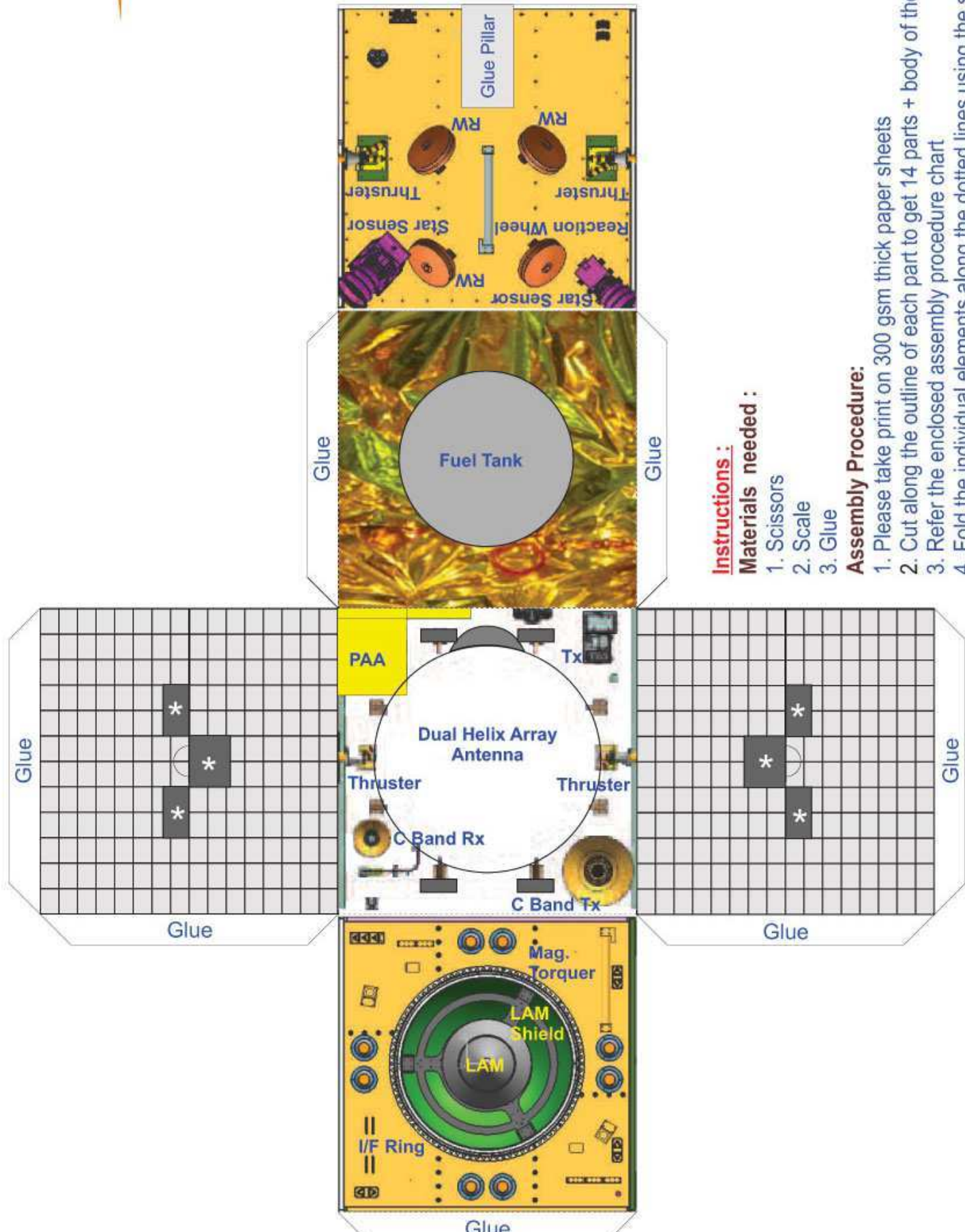


IRNSS-1G Spacecraft Paper Model

(Scale - 1:25)

DO IT YOURSELF



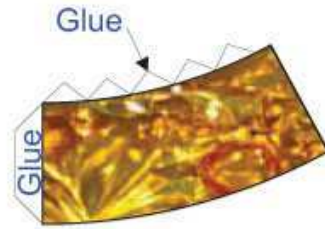
Instructions :

Materials needed :

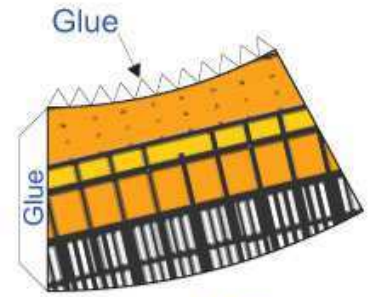
1. Scissors
2. Scale
3. Glue

Assembly Procedure:

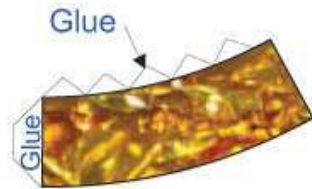
1. Please take print on 300 gsm thick paper sheets
2. Cut along the outline of each part to get 14 parts + body of the Satellite
3. Refer the enclosed assembly procedure chart
4. Fold the individual elements along the dotted lines using the scale as guide
5. Use good glue on the indicated areas to complete the individual parts and stick on body of the satellite at respective locations.



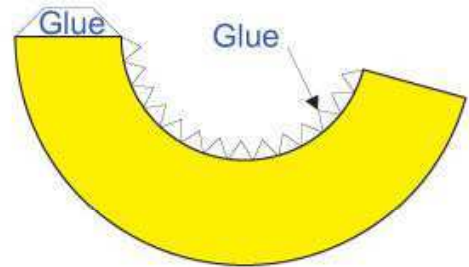
C band Tx Horn



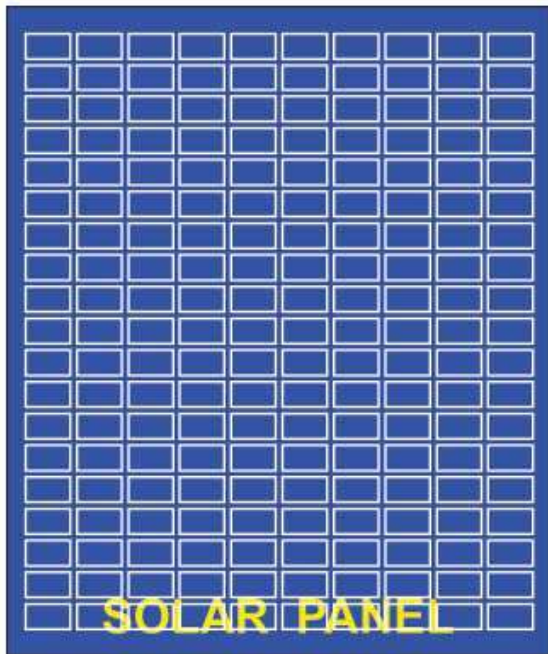
LAM



C band Rx Horn



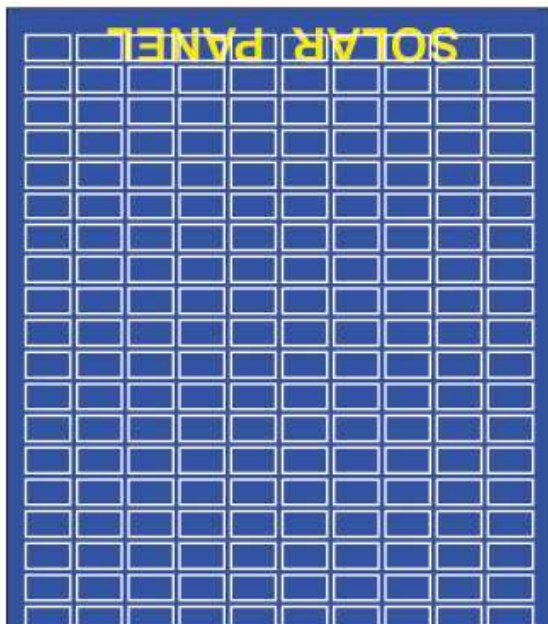
LAM Shield

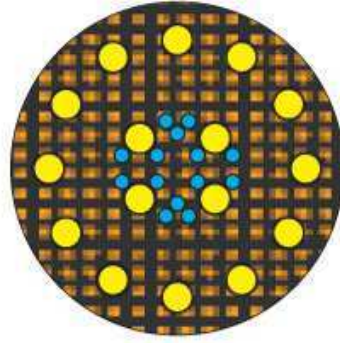


Solar Panels

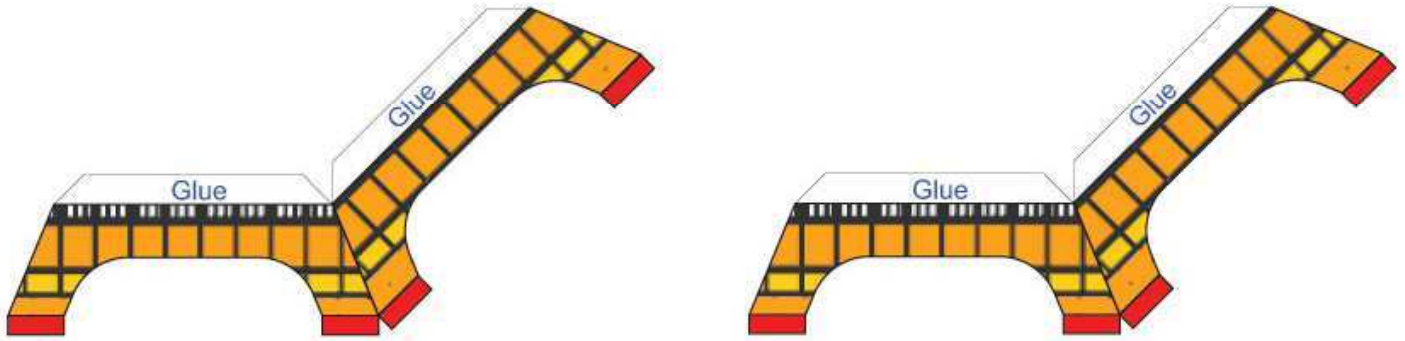


Glue on back side & paste it to main body of the satellite on area marked *

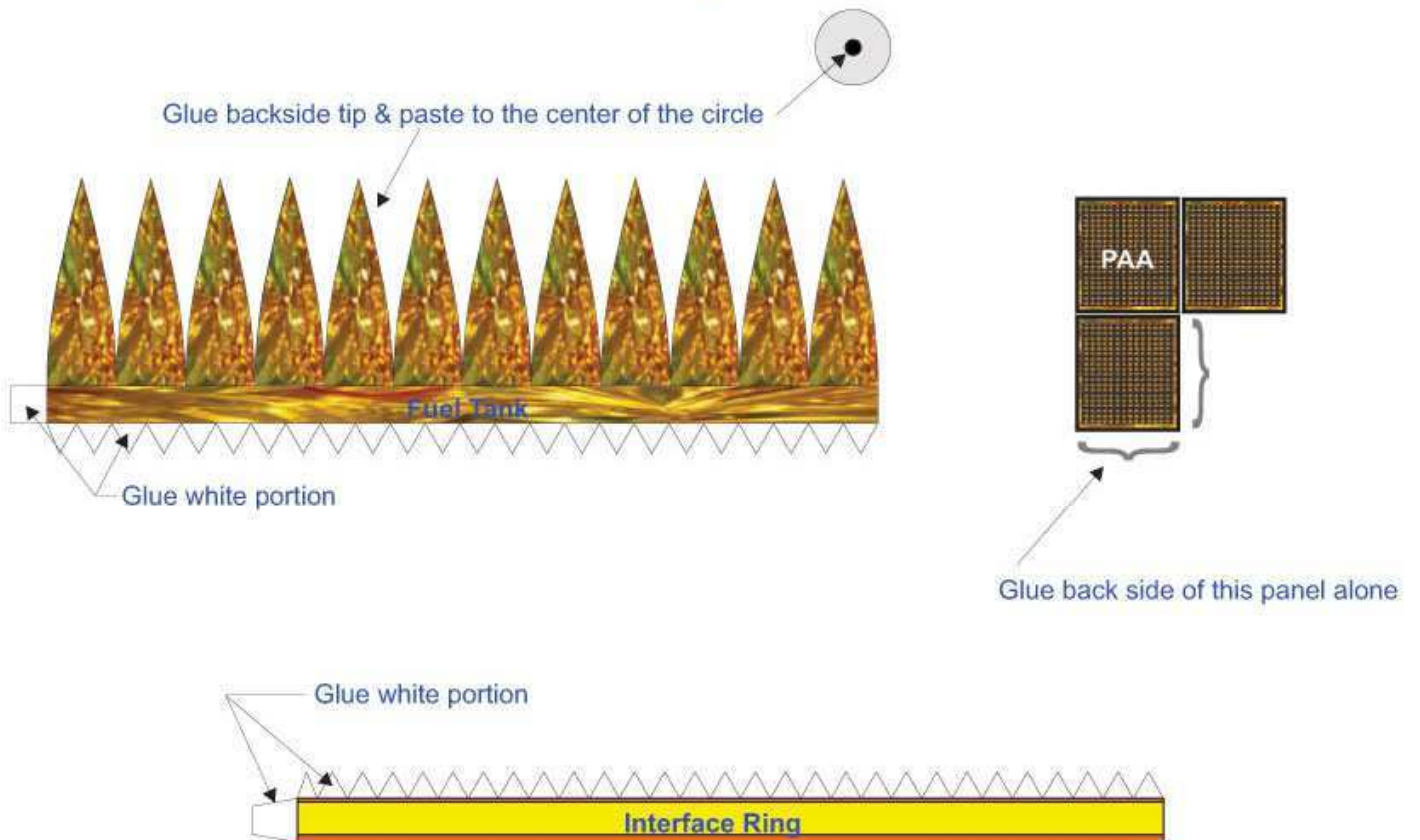




Dual Band Helical Array Antenna



Dual Band Helical Array Antenna Base

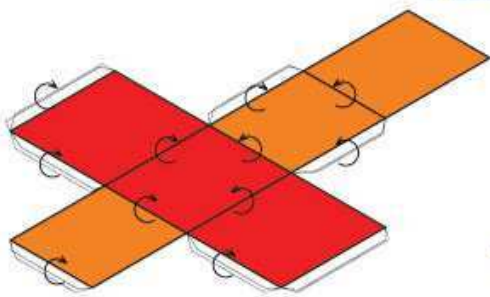




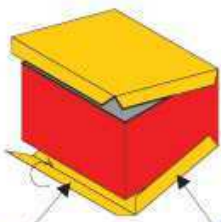
Stand Base



Assembly Procedure Chart

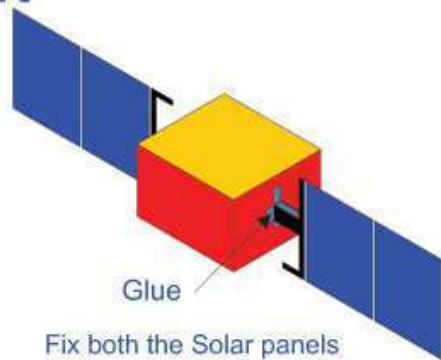


Fold all flaps as per the diagram



Tuck in flap
Glue

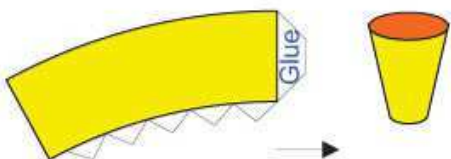
Fold & glue
Insert the tuck in flap inside as per diagram to finish body of the Satellite



Glue

Fix both the Solar panels on the area marked on the body of the Satellite

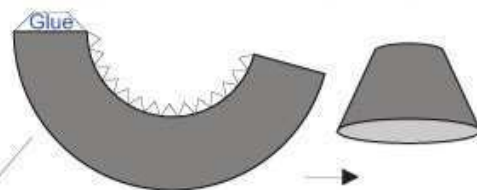
**Make sure solar cells are facing in front as per diagram*



Roll to form C Band Rx Horn



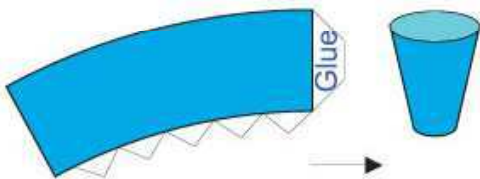
Roll to form LAM



Roll to form LAM Shield



LAM & Shield Assembly

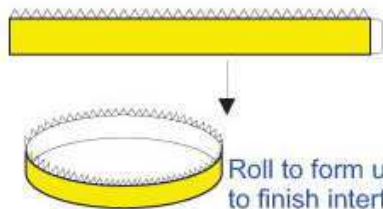


Roll to form C Band Tx Horn

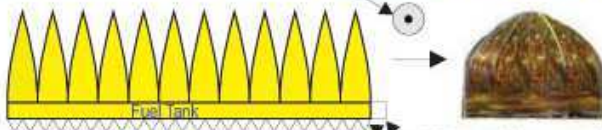


Dual Band Helical Array Antenna

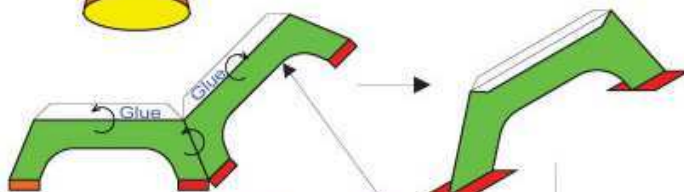
Glue backside tip & paste to the center of this circle



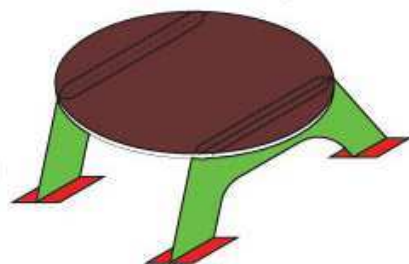
Roll to form upright cylinder to finish interface ring



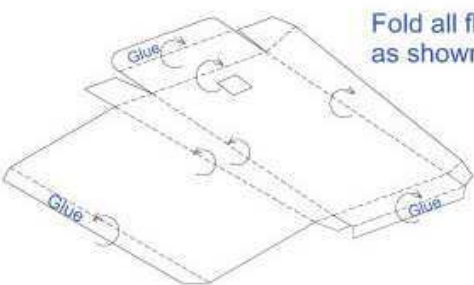
Glue white portion



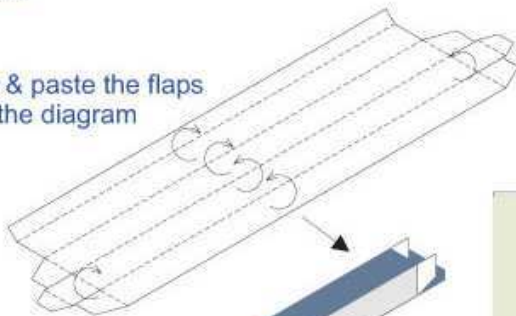
Glue on back side



Finished Dual Band Helical Array Antenna



Fold all flaps & paste the flaps as shown in the diagram



Finished Stand

Apply Glue & fix Satellite

Apply Glue

Finished Base

Glue

Stick one end of the stand to satellite

