



Skip inference and write empty products if:

- < 3 planes, or missing U/V/W
- incompatible (WxH) vs adc.size()
- all planes empty (all ADC == 0)

Executes (schematic):

```
apptainer exec --cleanenv  
--bind <assets>,<scratch>[./cvmfs]  
<container> /bin/bash <wrapper>  
in planes.bin out results.bin  
--metrics metrics.meta  
W <width> H <height>  
arch <arch> weights <weights>
```

Then reads results.bin (IAOK/v1) + metrics.meta and cleans up scratch temp files.

