

Summary of Drawing Review HAM SEI Design

- Purpose of the review

- ›› Check for parts interface compatibility, 1st Article Assembly Task

- Limitations

- ›› Hardware between floor and HAM support table was checked; this did not include the stacks or the optics table

- ›› Interfaces were checked for proper fit; this did not include other functions, such as acceptable stress levels under load

- ›› Operational parts were checked; this did not include assembly fixtures

- Prior Drawing Checks

- ›› 2 or 3 Fab Readiness Reviews on 1st Article parts

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- Results

- ›› Minor errors were found on four drawings, which do not appear to have affected the 1st Article Test parts; ECRs will be generated

- ›› Hytec needs to change its policy on listing drawing numbers on the parts lists: these need to include the revision letter as part of the drawing identification; this will require assembly drawings to be changed every time a component is revised, which will aid configuration control; an ECR will be generated

- Recommendation

- ›› Checking to date, combined with the assembly/testing planned, should be adequate for initiating production, post assembly/testing