16-FOOT TRANSONIC TUNNEL

Test Readiness Review

Date: 4/26/00

Test number: 535

Test title: SAMPSON

Test engineer(s): Cler/Rekora/Lamb

Attendees/Affiliation

Dan Cler, LaRC

KEVIN KILIAN, BOEING

Linda Bargento, LaRC

JIM DUNNE, BOEING

CHARLES BURTNE, BOEING

Tom Mills

Lloyd Marks ARSB

Jimmy Staples ARSB
Notes

When personnel are in the tunnel, the two disconnects on the customer panel box will be locked in the closed position. When running, the locks will be removed.

If the SMA wires break, there is a potential to get voltage to the model. There are 15 A fuses in the customer box and 30 A panel breaker.

The string strain gauges are hooked to the BDDA and software limits in the deck in addition to the customer monitored load cells.

Customers

The toilets have some work to do before they are ready, but no problems.

We have an air controller for the cooling air that is not working. Johnson Controls has responded to effect repair.

Action Items

<table>
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<tr>
<th>Date</th>
<th>Task</th>
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<td>Model Installation checklist &amp; Installation report.</td>
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Readiness of the model:

**Test engineer:** run matrix defined, don’t forget pictures, get shipping info (who/where) to return model, will we use white board, test duration vs required data, introduce customers, who OK’s the model change

**Technicians:** concerns, relay secret model change information

**Model:** model support limits, things to watch, model change plans, model set point accuracy, potential for model dynamics

**Safety:** model installation request and model installation checklist must be signed before tunnel operation

**Tunnel:** checks, cameras

**Drive control:** megger, compressor use

**Personnel:** shifts, possibility of overtime

**Customer:** concerns, what do we need to focus on (data and/or model fine points)

**Data reduction:** files ready, reduction procedures

"except for those 61D panel meters that were brought by yesterday.

When anyone goes in tunnel disconnect locked down.

If wires break, it could energize the model.

Stay strain gage in 0% EDM & software limits"