HR2 Zone Heater Development Update
and
HFG Calibration Unit Update

International Aircraft Materials
Fire Test Forum Meeting
Cologne, Germany
June 2019
HR2 Zone Heater Development Update

Background
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Zone Heater was developed to eliminate Globars and to provide a more uniform and safer heater assembly.
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First prototype used two heating zones.
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FAA tests showed more efficient heating (less current) but not enough zonal adjustment.

Three zone unit developed and being sent to FAA Technical Center for further evaluation.
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Questions?
HFG Calibration Unit Update

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MarlinEngineering has been developing a new calibration unit in conjunction with the FAA Technical Center to provide a more economical calibration process while meeting the latest FAA guidelines.
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First Prototype was sent to FAA Technical Center and evaluated. Some changes in software were made and unit performed well.
HFG Calibration Unit Update

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Boeing Metrology, Tom Valenti, was asked to review the unit and provided good feedback on some modifications
HFG Calibration Unit Update

Background

Version 2 incorporating the modifications is now being manufactured and will be shown to Boeing prior to be sent to FAA Technical Center for further evaluation
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Questions?