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BULLETIN RSM-001 Rev. B DATE: 28 October 2013

APPLICABLE TO: DME Versions Remote Status Monitors

SUBJECT: DME Interrogator unit inside a Remote Status Monitor (RSM) can exhibit thermal issues resulting in premature failures. Thales has identified the DME Interrogator contained in the RSM Receivers identified below can be exposed to excessive heating in some installed environments.

EQUIPMENT AFFECTED:

ILS/DME RSM Receiver	098731-0001
VOR/DME RSM Receiver	098732-0001
DME RSM Receiver	098733-0001
LOC/DME RSM Receiver	098734-0001

ISSUE: Thales has investigated a number of premature failures and found that DME Interrogators installed in the RSM Receivers can have heat related component failures. This is caused by environmental conditions and/or heat build-up inside the equipment case when installed in hot ambient environments or rack-mounted between other heat-generating equipment with insufficient airflow to the unit.

RESOLUTION:

Thales recommends that customers review their installed environment to ensure that the RSM is not being heated by adjacent equipment. If the receiver is installed in this manner, Thales recommends changing the manner in which it is installed. If this is not possible, Thales has developed a ventilated cover and fan retrofit (shown below) that mitigates the heat build-up in the RSM. This modification requires additional clearance height above the RSM for proper fan operation.



If so desired, please contact Thales to arrange a retrofit of your RSM.

TO ARRANGE REPAIR CONTACT:

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