THALES

SERVICE BULLETIN

Thales
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BULLETIN MK20A-005 Rev. C DATE: November 18, 2013

APPLICABLE TO: MK 20A Dual Equipment

SUBJECT: Specific to MK20A ILS, some units may have faulty RF connectors, causing the system to falsely report that the standby equipment has failed.

ISSUE: Thales has found that some of the TNC connectors installed on the 932613 cables located on the transfer switch assembly do not have the cable ground shield correctly connected to the TNC connectors. This may cause the monitor to intermittently report that the standby transmitter has failed. This is a false report as the transmitter has not failed, but this could affect Continuity of Service.

EQUIPMENT AFFECTED:

MK 20A Dual Equipment localizer 098685 and glide slope 098686; affected cables are located on the transfer switch assembly labeled as follows: Localizer 120500-0002 or Glide Slope 120505-0002. Impacted cables are marked with 932613 all dash numbers and "Alpha;" see page two for an associated list of serial numbers affected.

Thales records indicate that these systems noted have these affected cables; however, if some intermittent issues are noted on the standby channel in other systems, please inspect these cables and contact the Thales spares coordinator if you have suspect cables regardless of their labeling.

Replacement Cables are being supplied with this service bulletin for the identified affected units. Please return defective cables to the address below. Please contact Stacey Gautreaux for routing information and if you have questions or need additional information.

Stacey Gautreaux - Spares Coordinator
Thales Air Traffic Management U.S.
Thales Defense & Security, Inc.
10950 El Monte, Suite 110
Overland Park, KS 66211
stacey.gautreaux@thalesdsi.com
Telephone: 913-422-2735 or 1-800-526-3433

FOR REWORK INSTRUCTIONS, SEE ATTACHMENTS.

NOTE:

1. **It is recommended this service bulletin be incorporated as soon as practical without interrupting operations.**
2. **After completing the attached rework instruction, perform the standby detector calibration and normalization for both monitors as stated in section 6, of the MK 20A manual.**
3. **Verify the executive monitor screen for the standby transmitter is within limits (this should be performed for both transmitters).**
4. **Note activities in station log in accordance with local procedures.**
5. **This procedure does not affect the radiated signal.**

GS equip. serial numbers that may be affected:

S/N RECD	SALES ORDER	G/S S/N
120505-0002		System
0334	S12764-FAA	423
0336	S12901 - Newark	430
0337	S12901 - Newark	431
0338	S12762-FAA	421
0343	S13676-FAA	429
0348	S12763-FAA	348
0354	S12877	427
0355	S12876-FAA	426
0362	S12875-FAA	362
0363	S12874	424
0367	S13379 - Aiken	432

Loc. Equip. serial numbers that may be affected:

S/N RECD	SALES ORDER	LOC S/N
120500-0002		System
2973	S12876	473
2976	S12874-FAA	471
2977	S12764-FAA	470
2978	S12759-FAA	464
2979	S12760-FAA	465
2980	S12761-FAA	466
2984	S12877-FAA	474
2991	S12901 - Newark	477
2992	S12901 - Newark	478
2994	S13209 - Frederick	479
2997	S12875-FAA	472
2998	S12762-FAA	468