Date: 1 October 2015

Federal Communication Commission EQUIPMENT APPROVAL SERVICES P.O. Box 358315 Pittsburgh, PA 15251-5315

ATTN: Authorization and Evaluation Division

PER: Internal Photographs

RE: K6KJetWave

JETWAVE INTERNAL PHOTOGRAPHS

Enclosed in this document are internal photographs of all electronic assemblies of the JetWaveTM Aircraft Earth Station which supports Inmarsat Global Xpress Aviation data services.

EMS Technologies Canada Ltd.

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Modman

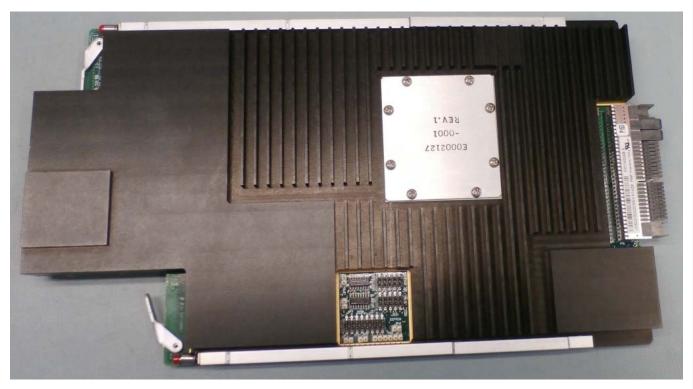


Figure 1 ModMan: 02300069 ACM Front -with RF cans

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Figure 2 ModMan: 02300069 ACM Front - without RF cans

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Figure 3 Modman: 02300069 ACM Back

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Figure 4 Modman: 90401877 Control Router Card Top

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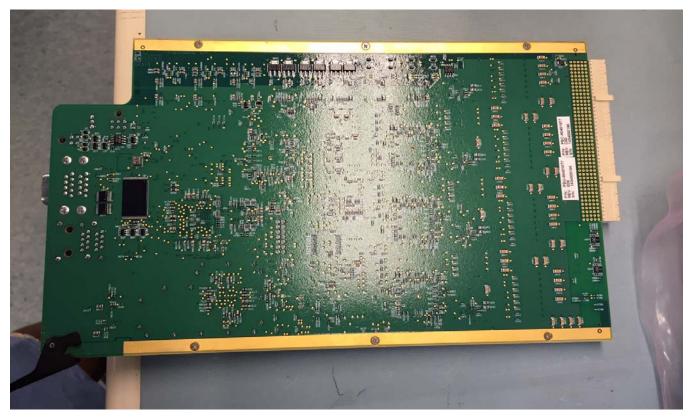


Figure 5 Modman: 90401877 Control Router Card Bottom

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Figure 6 Modman: 90401879 ARINC BP Top

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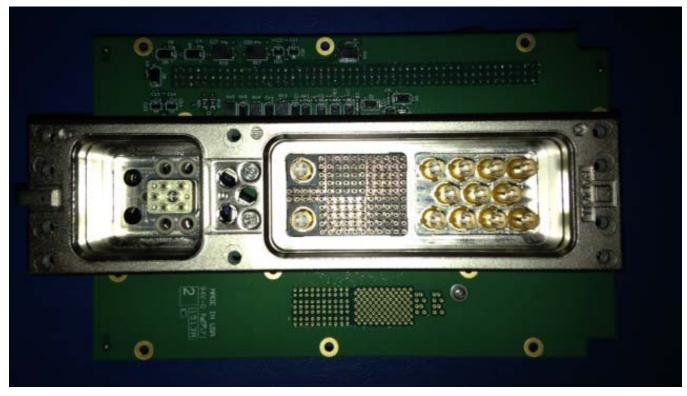


Figure 7 Modman: 90401879 ARINC BP Bottom

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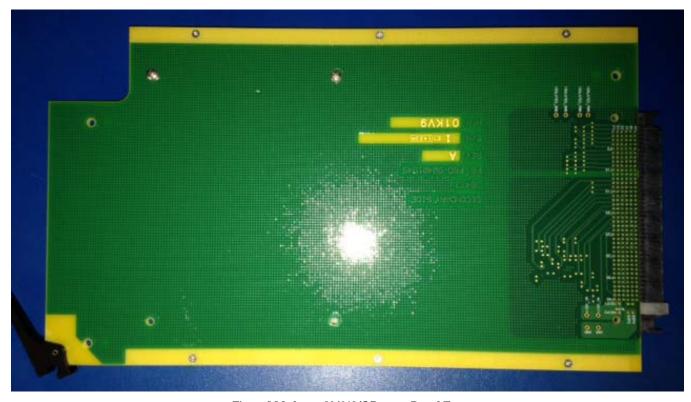


Figure 8 Modman: 90401945 Dummy Board Top

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Figure 9 Modman: 90401945 Dummy Board Bottom

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Figure 10 Modman: 904021117 Secondary Board Top

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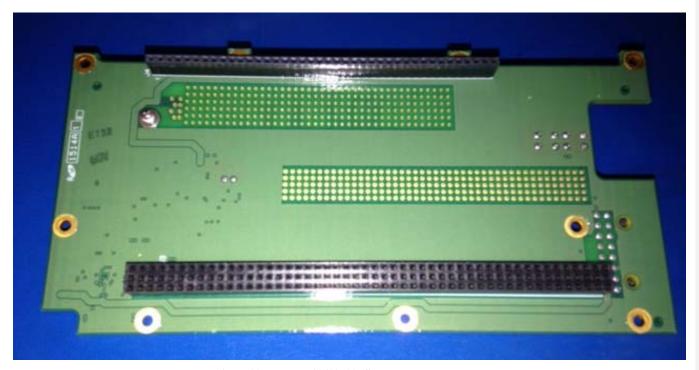


Figure 11 Modman: 904021117 Secondary Board Bottom

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Figure 12 Modman: 90400206 PSU Front

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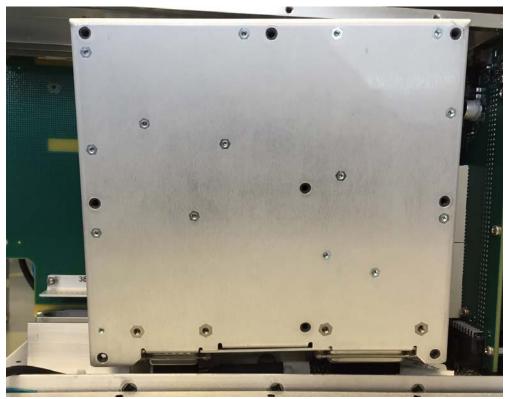


Figure 13 Modman: 90400206 PSU Back

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Figure 14 Modman: 90401215 Surge Protector Top

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Figure 15 Modman: 90401215 Surge Protector Bottom

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APM



Figure 16 APM: 90401612 Circuit card - Top

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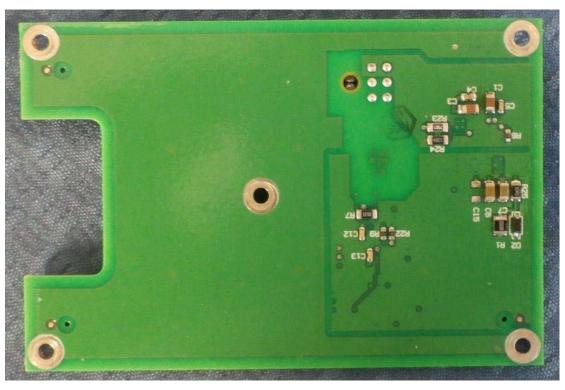


Figure 17 APM: 90401612 Circuit card -Bottom

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Containing:

Antenna Subsystem Controller

Power Supply –developed by a 3rd party and the internal photos shall be provided as a separate submission

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Figure 18 KANDU 9000473-1 ASC Top

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Figure 19 KANDU: 9000473-1 ASC Bottom

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$\label{eq:KRFU} \textbf{KRFU} \text{ has been developed by a 3^{rd} party and the internal photos shall be provided as a separate submission}$

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Fuselage Mount Antenna



Figure 20 FMA: 9000465-1 PCU Top

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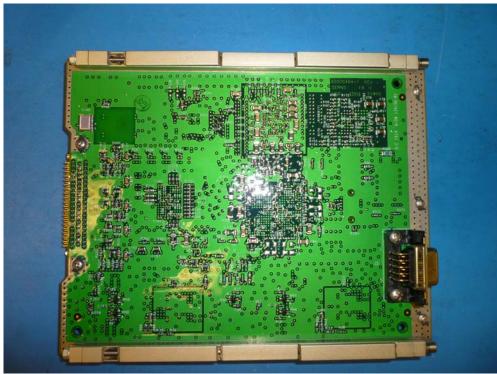


Figure 21 FMA: 9000465-1 PCU Bottom

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Figure 22 FMA: 9000813-001 PSU Top

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Figure 23 FMA: 9000813-001 PSU Bottom

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Figure 24 FMA: 90000835-001 Main Interconnect Board - Top

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Figure 25 FMA: 90000835-001 Main Interconnect Board - Bottom

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Figure 26 FMA: 90000920-001 R2D -Top

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Figure 27 FMA: 90000920-001 R2D - Bottom

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Figure 28 FMA: 90000462 MDU -Top

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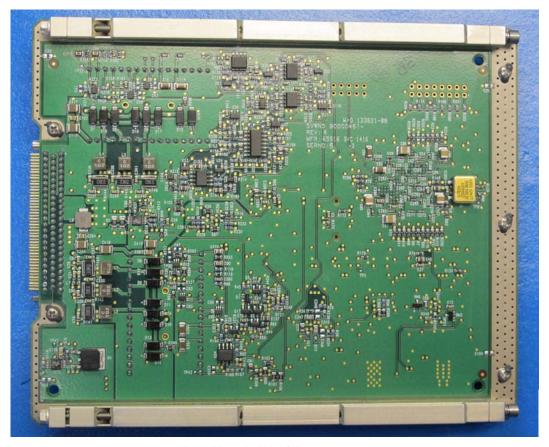


Figure 29 FMA: 90000462 MDU -Bottom

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Tail Mount Antenna



Figure 30 TMA: 90401281 TACM Top

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Figure 31 TMA: 90401281 TACM Bottom

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